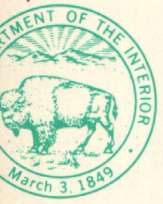
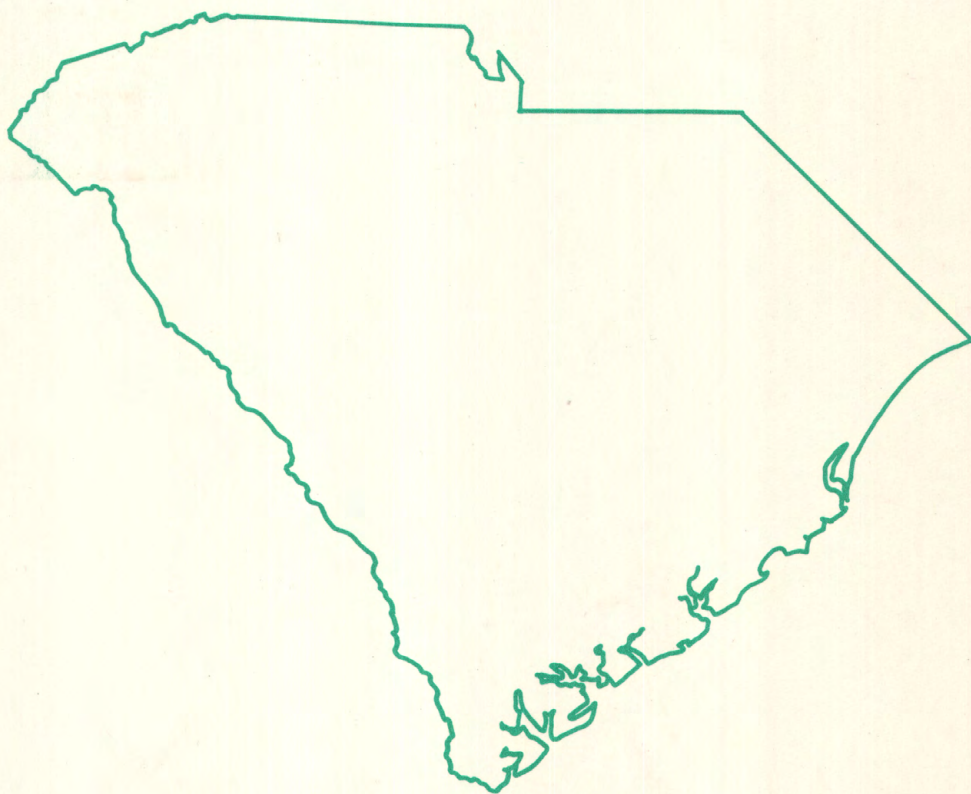


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Water Resources Data South Carolina Water Year 1990



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-90-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

CALENDAR FOR WATER YEAR 1990

1989

OCTOBER

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Water Resources Data South Carolina Water Year 1990

by C.S. Bennett, T.W. Cooney, K.H. Jones, and P.A. Conrads



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-90-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

MANUEL LUJAN, JR., Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For information on the water program in South Carolina write to
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U.S. Geological Survey
Stephenson Center-Suite 129
720 Gracern Road
Columbia, South Carolina 29210-7651

1990

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- 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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A. A. Jackson	B. F. Wauh

Jan Marie Bullock typed the text of the report.

This report was prepared in cooperation with the State of South Carolina and with other agencies under the general supervision of R. N. Cherry, District Chief, South Carolina.

REPORT DOCUMENTATION PAGE		1. REPORT NO. USGS/WRD/HD-91/272	2.	3. Recipient's Accession No.
4. Title and Subtitle Water Resources Data South Carolina Water Year 1990			5. Report Date March 1991	
			6.	
7. Author(s) C.S. Bennett, T.W. Cooney, K.H. Jones, P.A. Conrads			8. Performing Organization Rept. No. USGS-WRD-SC-90-1	
9. Performing Organization Name and Address U.S. Geological Survey, Water Resources Division Stephenson Center-Suite 129 720 Gracern Rd. Columbia, SC 29210-7651			10. Project/Task/Work Unit No.	
			11. Contract(C) or Grant(G) No. (C) (G)	
12. Sponsoring Organization Name and Address U.S. Geological Survey, Water Resources Division Stephenson Center-Suite 129 720 Gracern Rd. Columbia, SC 29210-7651			13. Type of Report & Period Covered Annual-Oct. 1, 1989 to Sept. 30, 1990	
			14.	
15. Supplementary Notes Prepared in cooperation with the State of South Carolina and with other agencies.				
16. Abstract (Limit: 200 words) Water resources data for the 1990 water year for South Carolina consist 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 120 gaging stations, stage only at 22 gaging stations, stage and contents at 13 lakes and reservoirs, water-quality at 44 gaging stations, and water levels at 62 observation wells. Also included are data for 41 crest-stage partial-record stations and discharge measurement information at 4 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.				
17. Document Analysis a. Descriptors *South Carolina, *Hydrologic Data, *Surface Water, *Ground Water, *Water Quality, Flow Rate, Gaging Stations, Lakes, Reservoirs, Chemical Analyses, Sediments, Water Temperatures, Sampling Sites, Water Levels, Water Analyses.				
b. Identifiers/Open-Ended Terms				
c. COSATI Field/Group				
18. Availability Statement No restriction on distribution This report may be purchased: National Technical Information Service, Springfield, VA 22161		19. Security Class (This Report) Unclassified		21. No. of Pages 505
		20. Security Class (This Page) Unclassified		22. Price

CONTENTS

v

Page

Preface	iii
List of gaging stations, in downstream order, for which records are published	v
List of ground-water wells, by county, for which records are published.	vii
Introduction.	1
Cooperation	1
Summary of hydrologic conditions.	2
Notice.	4
Definition of terms	4
Downstream order and station numbers.	8
Numbering system for wells and miscellaneous sites.	8
Special networks and programs	9
Explanation of stage and water-discharge records.	9
Collection and computation of data.	9
Accuracy of field data and computed results	10
Revised records	11
Other data available.	11
Access to WATSTORE data	11
Explanation of water-quality records.	11
Collection and examination of data.	11
Revisions	11
Water analysis.	12
Water temperature	12
Sediment.	12
Explanation of ground-water level records	12
Collection of the data.	12
Publications on techniques of water-resources investigations.	13
Surface-water records	21
Discharge at partial-record stations.	509
Crest-stage partial-record stations	509
Ground-water records.	513
Index	584

ILLUSTRATIONS

Figure 1. Comparison of discharge at two long-term representative gaging stations during 1990 water year with median discharges	3
2. System for numbering wells and miscellaneous sites	8
3. Map showing location of streamflow gaging stations	15
4. Map showing location of stage only stations	16
5. Map showing location of water-quality stations	17
6. Map showing location of crest-stage stations	18
7. Map showing location of ground-water wells	19

GAGING STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED

[Letters after station name designate type of data: (d) discharge, (c) chemical, (s) sediment, (t) water temperature, (g) gage-height, (e) elevation]

SOUTH ATLANTIC SLOPE BASINS

<u>WACCAMAW RIVER BASIN</u>	
Waccamaw River near Longs (d)	22
Waccamaw River at Hwy 501 near Conway (d)	23
Waccamaw River at Peachtree Landing near Bucksville (c)	24
<u>LITTLE RIVER BASIN</u>	
AIW at Highway 544 at Socastee (c).	30
AIW at Vereen's Marina at North Myrtle Beach (c).	36
AIW at Briarcliffe Acres at North Myrtle Beach (c).	38
AIW at Myrtlewood Golf Course at Myrtle Beach (d)	40
AIW at Grand Strand Airport at North Myrtle Beach (c)	41
AIW at Highway 9 at Nixons Crossroads (c)	43
<u>WACCAMAW RIVER BASIN</u>	
Waccamaw River at Bucksport (c)	49
Waccamaw River at Hagley Landing near Pawleys Island (c)	55
Waccamaw River at Highway 17 at Georgetown (c).	61
<u>PEE DEE RIVER BASIN</u>	
Pee Dee River:	
Whites Creek near Wallace (d)	69
Black Creek (head of Black Creek) near McBee (d).	70
Black Creek near Hartsville (d)	71
Pee Dee River at Peedee (dc).	72
Catfish Canal at Sellers (d).	75
Lynches River:	
Fork Creek at Jefferson (d)	76
Hanging Rock Creek near Kershaw (d)	77
Lynches River at Effingham (dc)	78
Little Pee Dee River at Galivants Ferry (d)	81
Pee Dee River at Highway 701 near Bucksport (dc)	82
Pee Dee River at Arundel Plantation near Jackson (c)	89
Black River:	
Scape Ore Swamp near Bishopville (dc)	91
Black River near Gable (d).	94
Black River at Kingstree (dc)	95

SOUTH ATLANTIC SLOPE BASINS--Continued

SANTEE RIVER BASIN

Catawba River (head of Santee River) near Rock Hill (d)	98
Catawba River near Catawba (d)	99
Rocky Creek at Great Falls (d)	100
Wateree River (continuation of Catawba River) near Camden (d)	101
Wateree River below Eastover (dc)	102
Broad River:	
Broad River near Gaffney (d)	110
Clark Fork Creek near Smyrna (d)	111
North Pacolet River at Fingerville (d)	112
South Pacolet River near Campabell (d)	113
Pacolet River near Fingerville (d)	115
Lawsons Fork Creek at Dewey Plant near Inman (d)	116
Lawsons Fork Creek at Treatment Plant at Spartanburg (d)	117
Neals Creek near Carlisle (d)	118
Broad River near Carlisle (dc)	119
Fairforest Creek below Spartanburg (d)	127
Tyger River near Delta (dc)	128
Enoree River at Whitmire (dc)	136
Hellers Creek near Pomaria (d)	144
Monticello Reservoir near Jenkinsville (c)	145
Parr Shoals Reservoir at Parr (e)	152
Broad River near Jenkinsville (ec)	153
Broad River at Alston (d)	162
West Fork Little River near Salem Crossroads (d)	163
Cedar Creek near Blythewood (d)	164
Smith Branch at North Main Street at Columbia (d)	165
Broad River at Diversion Dam at Columbia (g)	166
Broad River Diversion Canal (Forebay) at Columbia (g)	167
Saluda River:	
Middle Saluda River near Cleveland (d)	168
Saluda River near Greenville (d)	169
Saluda River near Ware Shoals (d)	170
Reedy River near Greenville (d)	171
Reedy River near Ware Shoals (d)	172
South Rabon Creek near Gray Court (d)	173
Lake Greenwood near Chappells (e)	174
Lake Greenwood Tailrace near Chappells (g)	175
Ninety-six Creek near Ninety-six (d)	177
Saluda River at Chappells (d)	178
Little River near Silverstreet (d)	179
Bush River near Prosperity (d)	180
Lake Murray near Columbia (g)	181
Lake Murray Tailrace near Columbia (g)	182
Saluda River Below Lake Murray Dam near Columbia (dc)	184
Saluda River near Columbia (dc)	188
Congaree River (continuation of Broad River) at Columbia (dt)	194
Gills Creek at Columbia (d)	195
Big Beaver Creek near St. Matthews (d)	196
Santee River:	
Congaree River near Fort Motte (c)	197
Santee River at Trezevants Landing near Fort Motte (g)	216
Lake Marion near Pineville (e)	217
Santee River near Pineville (d)	218
Santee River near Russellville (d)	220
Rediversion Canal at Santee River near St. Stephens (d)	222
Santee River below St. Stephens (c)	223
Wedboo Creek near Jamestown (d)	225
Santee River near Jamestown (d)	226
Santee River near Honey Hill (g)	228
North Santee River near North Santee (g)	230
Minim Creek at AIW near North Santee (gc)	232
South Santee River at State Pier near McClellanville (gc)	236

COOPER RIVER BASIN

Cooper River:	
West Branch Cooper River:	
Lake Moultrie near Pinopolis (e)	240
Lake Moultrie Tailrace near Pinopolis (g)	241
Lake Moultrie Tailrace Canal at Moncks Corner (d)	243
West Branch Cooper River at Mepkin Abbey near Cordesville (gc)	244
West Branch Cooper River at Pimlico near Moncks Corner (gc)	248
Back River at DuPont Intake near Kittredge (c)	257
Cooper River near Goose Creek (gc)	264
Cooper River at Mobay near North Charleston (gc)	273
Cooper River at Customs House (Aux) at Charleston (c)	282
Cooper River at Customs House at Charleston (g)	286

EDISTO RIVER BASIN

Edisto River:	
Dean Swamp Creek near Salley (d)	288
South Fork Edisto River near Denmark (d)	289
North Fork Edisto River at Orangeburg (d)	290
Edisto River near Branchville (d)	291
Edisto River near Givhans (dc)	292

COMBAHEE RIVER BASIN

Salkehatchie River (head of Combahee River) near Miley (d)	295
BROAD RIVER BASIN	
Coosawhatchie River (head of Broad River) near Hampton (d)	296
SAVANNAH RIVER BASIN	
Chattooga River (head of Savannah River) near Clayton, GA (d)	297
Howard Creek near Jocassee (d)	298

SOUTH ATLANTIC SLOPE BASINS--Continued

SAVANNAH RIVER BASIN--Continued

Tugaloo River (continuation of Chattooga River):

Toxaway River (head of Seneca River):

Little River near Walhalla (d)	299
Lake Keowee near Six Mile (e)	300
Twelve Mile Creek near Liberty (d)	301
Coneross Creek near Seneca (d)	303
Hartwell Lake near Hartwell, GA (e)	304
Hartwell Lake Tailrace near Hartwell, GA (g)	305
Savannah River below Hartwell Lake near Hartwell, GA (d)	307
Rocky River near Starr (d)	308
Richard B. Russell Lake near Calhoun Falls (e)	310
Little River near Mount Carmel (d)	311
Thurmond Lake near Clarks Hill (e)	312
Thurmond Lake Tailrace near Clarks Hill (g)	313
Stevens Creek near Modoc (d)	315
Horn Creek near Colliers (d)	316
Savannah River at Stevens Creek Dam near Morgana (e)	317
Savannah River below Stevens Creek Dam near Morgana (e)	319
Savannah River near North Augusta (d)	321
Augusta Canal at Augusta, Ga (d)	323
Little Horse Creek near Graniteville (d)	325
Savannah River at Augusta, GA (dt)	326
Upper Three Runs near New Ellenton (dc)	329
A-003 at Savannah River Plant (d)	332
A-011 at Savannah River Plant (d)	333
Tims Branch at Road C at Savannah River Site (d)	334
Upper Three Runs above Road C at Savannah River Site (d)	335
Upper Three Runs at Road A at Savannah River Site (d)	336
Savannah River near Jackson (dt)	337
X-004 at Savannah River Site (d)	340
D-006 at Savannah River Site (dt)	341
D-003 at Savannah River Site (d)	344
Beaverdam Creek at 400-D at Savannah River Site (dt)	345
Beaverdam Creek at mouth at Savannah River Site (t)	348
Four Mile Creek at mouth near Jackson (t)	350
Site 1 at Savannah River Site (d)	352
HP-52 Outfall at Savannah River Site (d)	353
H-008 at Savannah River Site (d)	354
Site 2 at Savannah River Site (d)	355
Site 3 at Savannah River Site (d)	356
Site 4 at Savannah River Site (d)	357
Site 5 at Savannah River Site (d)	358
Site 5B at Savannah River Site (d)	359
Site 6 at Savannah River Site (d)	360
C-001 at Savannah River Site (d)	361
Tributary to Four Mile Creek below Twin Lakes at Savannah River Site (d)	362
Site 7 at Savannah River Site (d)	363
C-003 at Savannah River Site (d)	364
C-004 at Savannah River Site (dt)	365
Four Mile Creek at Road A-12.2 at Savannah River Site (d)	368
K-011 at Savannah River Site (dt)	369
Indian Grave Branch at Savannah River Site (d)	372
Pen Branch at Road B (d)	373
Pen Branch at Road A-13.2 at Savannah River Site (d)	374
P-013 at Savannah River Site (dt)	375
Steel Creek above Road B at Savannah River Site (d)	378
L-007 Outfall at Savannah River Site (dt)	379
L-Lake above Dam at Savannah River Site (gt)	382
Steel Creek below L-Lake Dam (t)	385
P-007 at Savannah River Site (d)	387
Steel Creek at Road A at Savannah River Site (d)	388
Steel Creek near Snelling (gt)	389
P-019 at Savannah River Site (dt)	392
Savannah River below Steel Creek near Millett (t)	395
Lower Three Runs below Par Pond at Savannah River Site (dt)	397
Lower Three Runs near Snelling (d)	400
Savannah River at Burtons Ferry Bridge near Millhaven, GA (d)	401
Savannah River near Clyo, GA (dc)	402
Savannah River above Hardeeville (e)	406
Lakes and Reservoirs in Pee Dee Basin and Santee River Basin (eg)	408
Crest-Stage Partial-Record Stations	409
Discharge Measurements at Partial Records Station	412

GROUND-WATER WELLS, BY COUNTY

AIKEN

Savannah R. Site, U.S. Dept. of Energy (AK-430)	414
Aiken, S.C. Water Resources Commission (AK-817)	415
Aiken, S.C. Water Resources Commission (AK-818)	416
Aiken, S.C. Water Resources Commission (AK-825)	417
Aiken, S.C. Water Resources Commission (AK-826)	418

BARNWELL

Town of Williston (BW-78)	419
Barnwell, S.C. Water Resources Commission (BW-349)	420
Barnwell, S.C. Water Resources Commission (BW-350)	421
Barnwell, S.C. Water Resources Commission (BW-351)	422
Barnwell, S.C. Water Resources Commission (BW-352)	423
Barnwell, S.C. Water Resources Commission (BW-353)	424
Barnwell, S.C. Water Resources Commission (BW-354)	425
Barnwell, S.C. Water Resources Commission (BW-355)	426

Barnwell, S.C. Water Resources Commission (BW-356)	427
Barnwell, S.C. Water Resources Commission (BW-359)	428
Barnwell, S.C. Water Resources Commission (BW-360)	429
BEAUFORT	
Hilton Head, U.S. Geological Survey (BFT-101)	430
U.S. Marine Corps Air Station, U.S. Marine Corps (BFT-121)	431
Daufuskie Island, U.S. Geological Survey (BFT-304)	432
Hilton Head Island, U.S. Geological Survey (BFT-315)	433
Victoria Bluff, S.C. Wildlife & Marine Resources Dept. (BFT-429)	434
Hilton Head Island, Sea Pines Plantation (BFT-439)	435
Hilton Head Island, Palmetto Dunes Development Co. (BFT-444)	436
Hilton Head Island, City of Hilton Head (BFT-786)	437
Hilton Head Island, City of Hilton Head (BFT-787)	438
Hilton Head Island, Hilton Head Plantation (BFT-1809)	439
Hilton Head Island, Hilton Head Plantation (BFT-1810)(c)	440
Hilton Head Island, Hilton Head Plantation (BFT-1811)	463
Hilton Head Island, Hilton Head Plantation (BFT-1812)	464
Hilton Head Island, Port Royal Plantation (BFT-1814)	465
BERKELEY	
Summerville, Berkeley-Sangaree Public Service District (BRK-91)	466
Summerville, Conifer Hall Subdivision (BRK-431)	467
CHARLESTON	
Charleston, SCE & G Substation at Concord Street (CHN-14)	468
Charleston, U.S. Department of Agriculture (CHN-44)	469
Charleston, City of Charleston (CHN-64)	470
Charleston, U.S. Forest Service (CHN-101)	471
COLLETON	
Canadys, S.C. Water Resources Commission (COL-97)	472
Edisto State Park, Town of Edisto Beach (COL-305)	473
FLORENCE	
Timmonsville, Town of Timmonsville (FLO-85)	474
Florence, City Products (FLO-99)	475
Florence, E. I. Dupont de Nemours, Inc. (FLO-128)	476
GEORGETOWN	
Georgetown, Georgetown Rural Water District (GEO-77)	477
Pawleys Island, Johnnie Strait (GEO-84)	478
GREENVILLE	
Greenville, Brushy Creek School (GRV-709)	479
HAMPTON	
Hampton County Landfill, S.C. Water Resources Commission (HAM-82)	480
Yemassee, South Carolina Water Resources Commission (HAM-83)	481
HORRY	
Windy Hill Park, City of North Myrtle Beach (HO-269)	482
Collins Park, City of Conway (HO-307)	483
JASPER	
Ridgeland, Ted Roach (JAS-144)	484
LEE	
Bishopville, Robert W. Merck (LE-23)	485
MARION	
Britton Neck, South Carolina Forestry Commission (MN-77)	486
MARLBORO	
Bennettsville, Oak River Mills (MLB-110)	487
Bennettsville, Town of Bennettsville (MLB-112)	488
ORANGEBURG	
Norway, Town of Norway (ORG-95)	489
RICHLAND	
Columbia, Shakespeare Manufacturing Co. (RIC-40)	490
Columbia, Hercules, Inc. (RIC-63)	491
Columbia, Lincolnshire subdivision (RIC-309)	492
SUMTER	
Sumter, City of Sumter (SU-9)	493
WILLIAMSBURG	
Stuckey, Town of Stuckey (WL-76)	494
YORK	
Ft. Mill, Tega Cay Development Co. (YK-147)	495

INTRODUCTION

Water resources data for the 1990 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 120 gaging stations; stage-only records for 22 gaging stations; stage and contents for 13 lakes and reservoirs; water quality for 44 gaging stations; and water levels for 62 observation wells. Also included are data for 41 crest-stage partial-record stations and discharge measurements at 4 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-90-1." For archiving and general distribution, the reports for water years 1971-74 are also identified as water-data reports. These water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on the back of the title page or by telephone 803/750-6100.

COOPERATION

The U.S. Geological Survey 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 descriptions. Organizations that assisted in collecting data through cooperative agreement with the Survey are:

South Carolina Water Resources Commission, A. H. Vang, Executive Director
South Carolina Public Service Authority, Kenneth R. Ford, President
South Carolina Department of Highways and Public Transportation,
R. N. McLellan, Executive Director
South Carolina Department of Health and Environmental Control,
M. D. Jarrett, Commissioner
City of Charleston, S. W. Kinard, Manager of Commission of Public Works
City of Spartanburg, Myles W. Whitlock, Jr., Chairman of Commissioners of Public Works
City of Myrtle Beach, T. Leath, City Manager
Cooper River Water Users Association, H. Shade, President.
Waccamaw Regional Planning and Development Council, B. Schwartzkopf, Director of Planning
Beaufort-Jasper Sewer and Water Authority, W. D. Moss, Jr., General Manager
South Carolina Sea Grant Consortium, M. A. Davidson, Executive Director
Western Carolina Regional Sewer Authority, J. M. Pappas, Executive Director
Spartanburg Sanitary Sewer District, E. D. Mitchell, Assistant Director
Oconee County Sewer Commission, R.C. Winchester, General Superintendent

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

Corps of Engineers, U.S. Army
U.S. Department of Energy

The following organizations aided in collecting records:

Bowater-Carolina Corporation
Brewer Gold Company
Broad River Electric Cooperative
Caro-Knit, Inc.
Carolina Power and Light Company
Duke Power Company
Martin-Marietta
Milliken
South Carolina Electric and Gas Company
Union Camp

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1990

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Rainfall totals and streamflows throughout South Carolina were lower in the 1990 water year than during the previous water year. Rainfall in the Piedmont, as represented by the National Weather Service (NWS) station at the Greenville-Spartanburg Airport was 10 percent below normal. Rainfall in the Coastal plain was quite variable. Rainfall recorded near Columbia and Charleston by the NWS was 31 and 23 percent below normal, respectively, for the water year. Streamflows in 1990 were low as a result of deficient rainfall but minimum daily mean discharges were generally higher than the minimum daily means for the period of record. A record low minimum daily mean discharge was observed at the South Fork Edisto River near Denmark station during the 1990 water year. Minimum daily mean discharges for the 1990 water year and the period of record are presented for seven index stations in the following table.

Station	Drainage area (square mile)	Minimum daily mean discharge 1990 water year (cubic feet per second)	Minimum daily mean discharge for period of record (cubic feet per second)
<u>Piedmont</u>			
02154500 N. Pacolet River at Fingerville	116.0	81.0	27.0
02162010 Cedar Creek near Blythewood	48.9	1.4	0.07
<u>Upper Coastal Plain</u>			
02130900 Black Creek near McBee	108.0	17.0	17.0
02173000 South Fork Edisto River near Denmark	720.0	133.0	148.0
02197300 Upper Three Runs near New Ellenton	98.7	59.0	53.0
<u>Lower Coastal Plain</u>			
02132000 Lynches River at Effingham	1030	189.0	95.0
02176500 Coosawhatchie River near Hampton	203	.0	.0

A comparison of monthly and yearly mean discharges during the 1990 water year with the median monthly and yearly mean discharges for the periods of record for two of the above index stations are shown in figure 1. Monthly mean discharges for the Upper Three Runs near New Ellenton station were less than the long-term median flow for the entire year, whereas the monthly mean discharges for the Lynches River at Effingham station were higher than the long-term median flow in November, December, and January and less than the long-term median flow for the remainder of the water year.

Ground Water

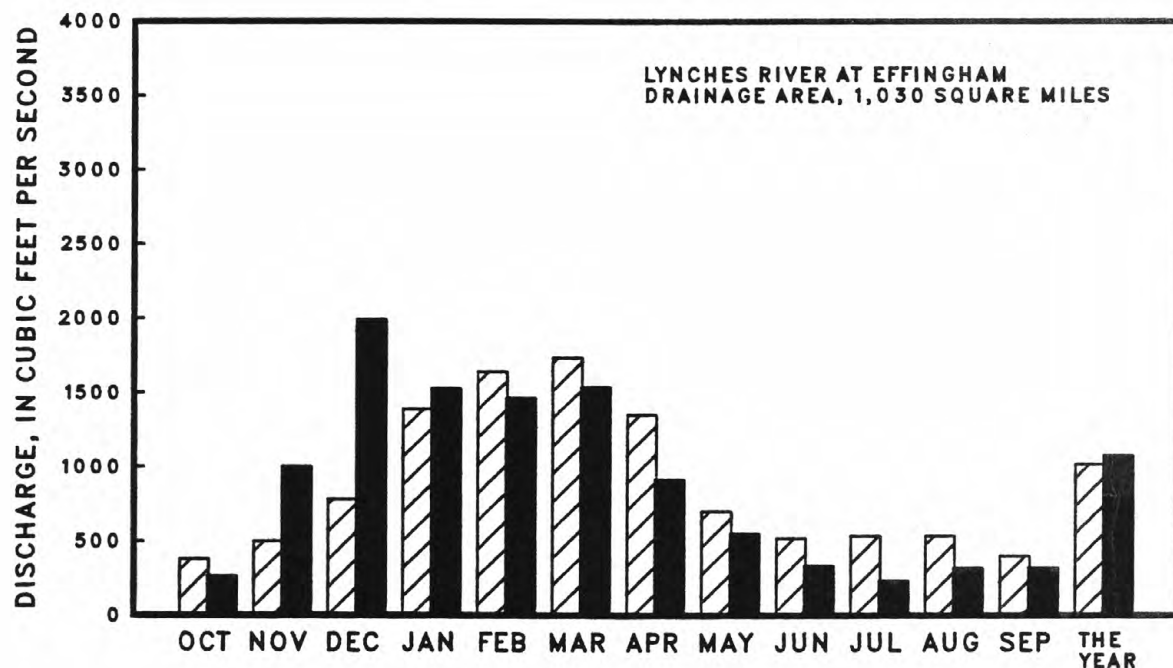
Ground-water levels reflect both the climatic conditions of the region and ground-water withdrawals. In the Piedmont ground-water occurs in the fault and fracture systems of the crystalline rocks and in the shallow unconsolidated material overlying the rock. Water levels in the shallow water table aquifer in the Piedmont, which is not heavily pumped, remained unchanged or increased slightly during the 1990 water year. The water level in observation well GRV-709 near Greenville, an unused 80-foot deep water table well in the Piedmont, increased from 33.29 feet below land surface on October 1, 1989, to 32.21 feet below land surface on September 30, 1990. 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, and in areas of large withdrawals of ground water from the artesian aquifers, a reduction of the pressure head caused the water level to decline as much as 22 feet. The water level in observation well HO-307, which is a 16-foot deep well in the Coastal Plain, declined from 59.44 feet below land surface on October 1, 1989 to 62.24 feet below land surface on September 30, 1990.

Variation in water levels for wells included in this report are illustrated by hydrographs below the tables in the ground-water section.

Water Quality

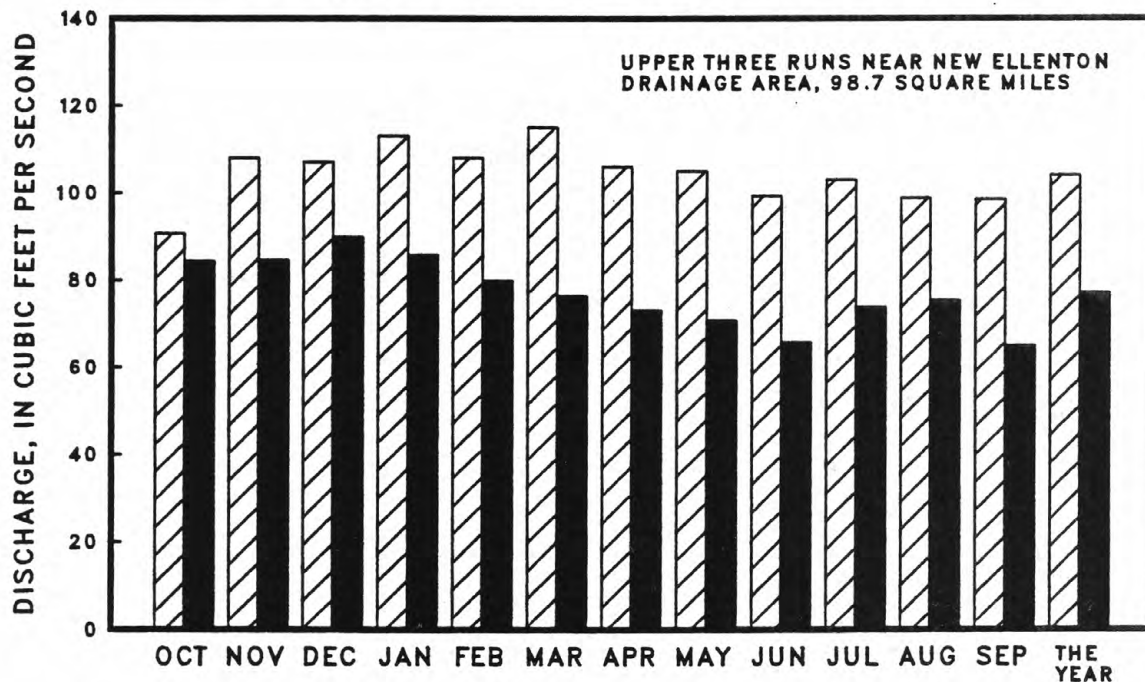
Water-quality data were collected at 44 surface-water sites and one ground water site during the 1990 water year. Record low dissolved-oxygen concentrations were recorded at many sites in the coastal area during the first part of the 1990 water year due to an increase in the organic content in surface-water bodies caused by the large amount of vegetation and debris that was deposited by Hurricane Hugo in September 1989.

HYDROLOGIC CONDITIONS



EXPLANATION

- ▨ Median of monthly and yearly mean discharges for water years 1931-89.
- Monthly and yearly mean discharges during 1990 water year.



EXPLANATION

- ▨ Median of monthly and yearly mean discharges for water years 1967-89.
- Monthly and yearly mean discharges during 1990 water year.

Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 1990 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.

Use of the new terminology began with the data for the 1978 water year, and therefore, it first appeared in the publication for that year. Definitions on which the terminology is based are included in the "Definitions" section of this report, and listings showing both old and new terminology are attached as an appendix to this report.

DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also the table for converting English units to International System of units (SI) on the inside of the back cover.

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

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water levels stands above the top of the aquifer, tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, 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.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as the organisms which produce colonies within 24 hours when incubated at 35°C $\pm$ 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all the organisms which produce blue colonies within 24 hours when incubated at 44.5°C $\pm$ 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.

Fecal streptococcal bacteria are bacteria found also in intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C $\pm$ 1.0°C on M-enterococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 ml of sample.

Bed material is the unconsolidated material of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

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 the mass per unit area or volume of habitat.

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.³ The ash mass values of zooplankton and phytoplankton are expressed in grams per cubic meter (g/m³) and periphyton and benthic organisms in grams per square meter (g/m²).

Dry mass refers to the mass of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, 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.

Organic mass or volatile mass of the living substance is the difference between the dry mass and ash mass, and represents the actual mass of the living matter. The organic mass is expressed in the same units as for ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Cells/volume refers to the number of cells of any organism which is counted by using a microscope and grid or counting cell. Many planktonic organisms are multi-celled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

Cfs-day 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, approximately 1.9835 acre-feet, about 646,000 gallons or 2,447 cubic meters.

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 natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants. Chlorophyll a and b are the two most common pigments in plants.

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

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.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural restriction of the channel, 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 salt water.

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 that the runoff is distributed uniformly in time and area.

Cubic foot per second (ft^3/s , ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment), that passes a given point within a given period of time.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a particular instant of time.

Dissolved is that material in a representative water sample which passes through a $0.45 \mu\text{m}$ membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or non-contribution areas, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate (CaCO_3).

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

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per gram ($\mu\text{g/g}$) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

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

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

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

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 meters (m^2), acres, or hectares. 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 milliliters (mL) or liters (L). Numbers of planktonic organisms can be expressed in these terms.

Partial-record station is a particular site where limited streamflow and/or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) 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 used in this report agrees with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology.

The classification is as follows:

<u>Classification</u>	<u>Size</u>	<u>(mm)</u>	<u>Method of analysis</u>
Clay.....	0.00024	-0.004	Sedimentation
Silt.....	.004	-.062	Sedimentation
Sand.....	.062	-2.0	Sedimentation or sieve
Gravel.....	2.0	-64.0	Sieve

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic material 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.

Pesticides are chemical compounds used to control undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides. Insecticides and herbicides, which control insects and plants respectively, are the two categories reported.

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

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water or lakes and rivers.

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 are commonly known as algae.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column, and are often 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.

Runoff in inches (IN, in) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it 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 influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

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 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume, that passes a section in a given time. It is computed by multiplying discharge times mg/L times 0.0027.

Suspended-sediment load is quantity of suspended sediment passing a section in a specified period.

Total sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry weight or volume, that passes a section during a given time.

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour day.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 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.

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

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 lived.

Natural substrates refers to any naturally occurring emerged or submersed solid surface, such as a rock or tree, upon which an organism lived.

Artificial substrate is a device which 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 taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

Surface area of a lake is that area outlined on the latest USGS topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimeted. All areas shown are those for the stage when the planimeted map was made.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 μ m 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 would be 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 analytical portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45 μ m membrane filter. 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 determine when the results should be reported as "suspended, total."

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration in milligrams per liter by 0.00136.

Tons per day is the quantity of substance in solution of suspension that passes a stream section during a 24-hour day.

Total is the total amount of a given constituent in a representative water-suspended sediment 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 determines all of the constituent in the sample.)

Total load (tons) is the total quantity of any individual constituent, as measured mass or volume, that is dissolved in a specific amount of water (discharge) during a given time. It is computed by multiplying the total discharge times the mg/L of the constituent times the factor 0.027 times the number of days.

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution 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, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Recoverable from 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 only 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.

Total in bottom material is the total 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."

Water year, in the Geological Survey reports, 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 ended September 30, 1990, is called the "1990 water year."

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to refer to State annual basic-data reports published before 1975.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

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 a 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-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-digit downstream order number 175000.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

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

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, minutes, 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.

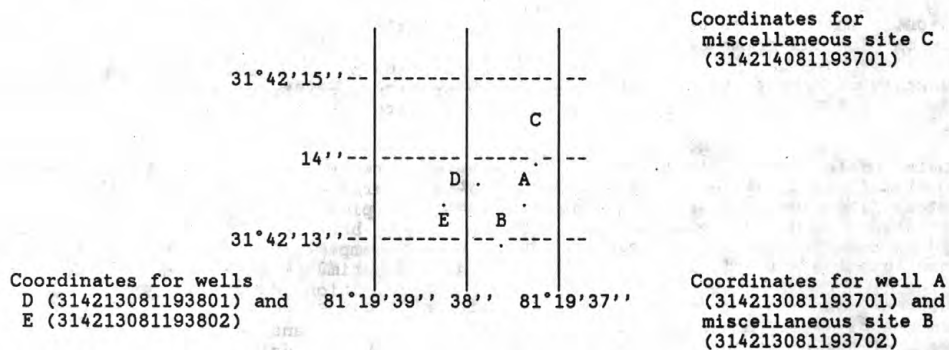


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

National stream-quality accounting network (NASQAN) is a data collection network designed by the U.S. Geological Survey to meet many of the information demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

Radiochemical program is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

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 punches a tape 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 text-books, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

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.

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."

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964 to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revision, the fact is brought out by notations 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 revised figures was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

Under "GAGE" are given the type of gage currently in use; the datum of the present gage referred to National Geodetic Vertical Datum; and a condensed history of the types, locations, and datums of previous gages used during the period of record. National Geodetic Vertical Datum is explained in "DEFINITION OF TERMS."

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow of the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE;" it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance.

"EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with EXTREMES FOR THE CURRENT YEAR; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large non-contributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the appropriate daily discharges for the calendar and water years.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at crest-stage partial-record stations follow the information for continuous record sites (fig. 5). Annual maximum stage and discharge is listed for each of these stations.

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 WATSTORE files. All previous revisions are, of course, in WATSTORE, and users are encouraged to obtain all required data from the WATSTORE computer files (see the section, "Access to WATSTORE Data").

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. A "W" for "WATSTORE" will be shown, replacing the name of the data report in which the revised values would previously have been published, for all revisions made after 1982. 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.

ACCESS TO WATSTORE DATA

The National Water Data Storage and Retrieval System (WATSTORE) was established for handling water data collected through the activities of the U.S. Geological Survey and to provide for more effective and efficient means of releasing the data to the public. The system is operated and maintained on the central computer facilities of the Survey at its National Center in Reston, Virginia.

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from each of the Water Resources Division's district offices (see address given on the back of the title page).

General inquiries about WATSTORE may be directed to:

Chief Hydrologist
U.S. Geological Survey
437 National Center
Reston, Virginia 22092

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

Surface water samples for analyses usually are collected at or near gaging stations (fig. 5). The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, biological determination, water temperatures, sediment discharge), period of record and, extremes of pertinent data, and general remarks.

Revisions

If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent updates. In March 1990 the National Water-Quality Laboratory discovered a bias in the turbidimetry method for sulfate analysis, indicating that values below 75 mg/L have a median positive bias of 2 mg/L above the true value for the period between 1982 and 1990. Sulfate values in this report have not been corrected for this bias.

Water analysis

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations listed on a following page.

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 U.S.G.S. mini-monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured. These daily values are based upon hourly tape-punches 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 district office.

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. 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-head discharges.

At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published.

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.

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.

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

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).

Each observation well is equipped with a digital tape recorder which automatically punches the depth to water in a well hourly. 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.

The hydrographs were plotted using the measurement of the mean value for each day.

Water-level measurements in this report are given in feet with reference to either National Geodetic Vertical Datum (NGVD) or land-surface datum (lsd). National Geodetic Vertical Datum of 1929 is the datum plane on which the national network of precise levels is based; 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 National Geodetic Vertical Datum of 1929 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.

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

The reports listed below are for sale by the U.S. Geological Survey, Books and Open-File Reports Section, Federal Center, Box 25425, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be sent by check or money order payable to the U.S. Geological Survey. Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations."

- 1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Picke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
- 1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
- 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, Chapter D1. 1974. 116 pages.
- 2-D2. *Application of seismic-refraction techniques to hydrologic studies*, by F. P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.
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- 2-F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and Warren E. Teasdale: USGS--TWRI Book 2, Chapter F1. 1989. 97 pages.
- 3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.
- 3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.
- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.
- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
- 3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
- 3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
- 3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.
- 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, Chapter A9. 1989. 27 pages.
- 3-A10. *Discharge ratings at gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.
- 3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
- 3-A12. *Fluorometric procedures for dye tracing*, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 41 pages.
- 3-A13. *Computation of continuous records of streamflow*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.
- 3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.
- 3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.
- 3-A16. *Measurement of discharge using tracers*, by F. A. Kilpatrick and E. D. Cobb: USGS--TWRI Book 3, Chapter A16. 1985. 52 pages.
- 3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.
- 3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F. A. Kilpatrick, R. E. Rathbun, N. Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.
- 3-A19. *Levels of streamflow gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 27 pages.

- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by Richard L. Cooley and Richard L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 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, Chapter B5. 1987. 15 pages.
- 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, Chapter B6. 1987. 28 pages.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
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- 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
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- 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
- 4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
- 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M. J. Fishman and L. C. Friedman: USGS--TWRI Book 5, Chapter A1. 1989. 545 pages.
- 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
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- 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, Chapter A6. 1982. 181 pages.
- 5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
- 6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M. G. McDonald and A. W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.
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- 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, Chapter C2. 1978. 90 pages.
- 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, Chapter C3. 1981. 110 pages.
- 8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
- 8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.
- 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

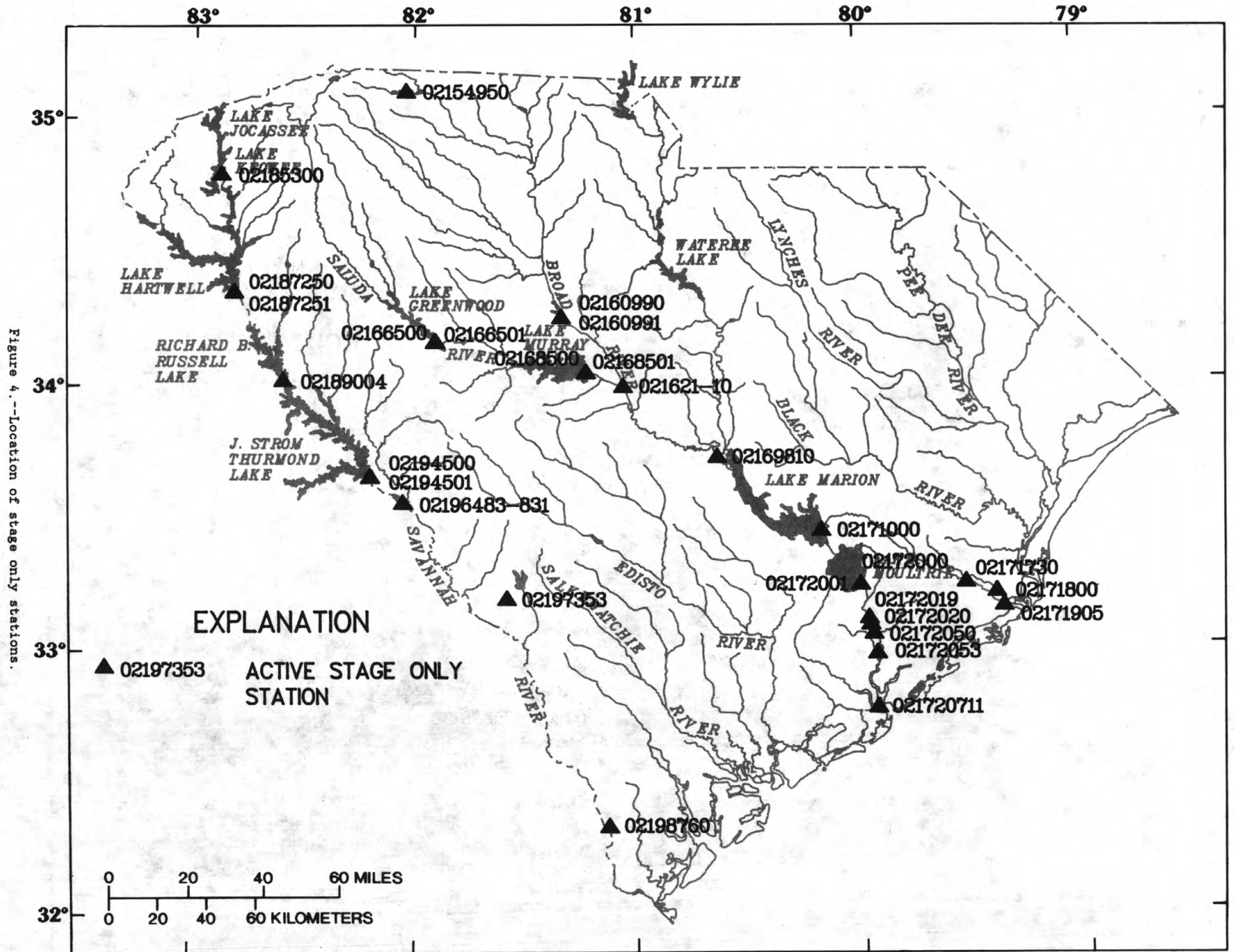
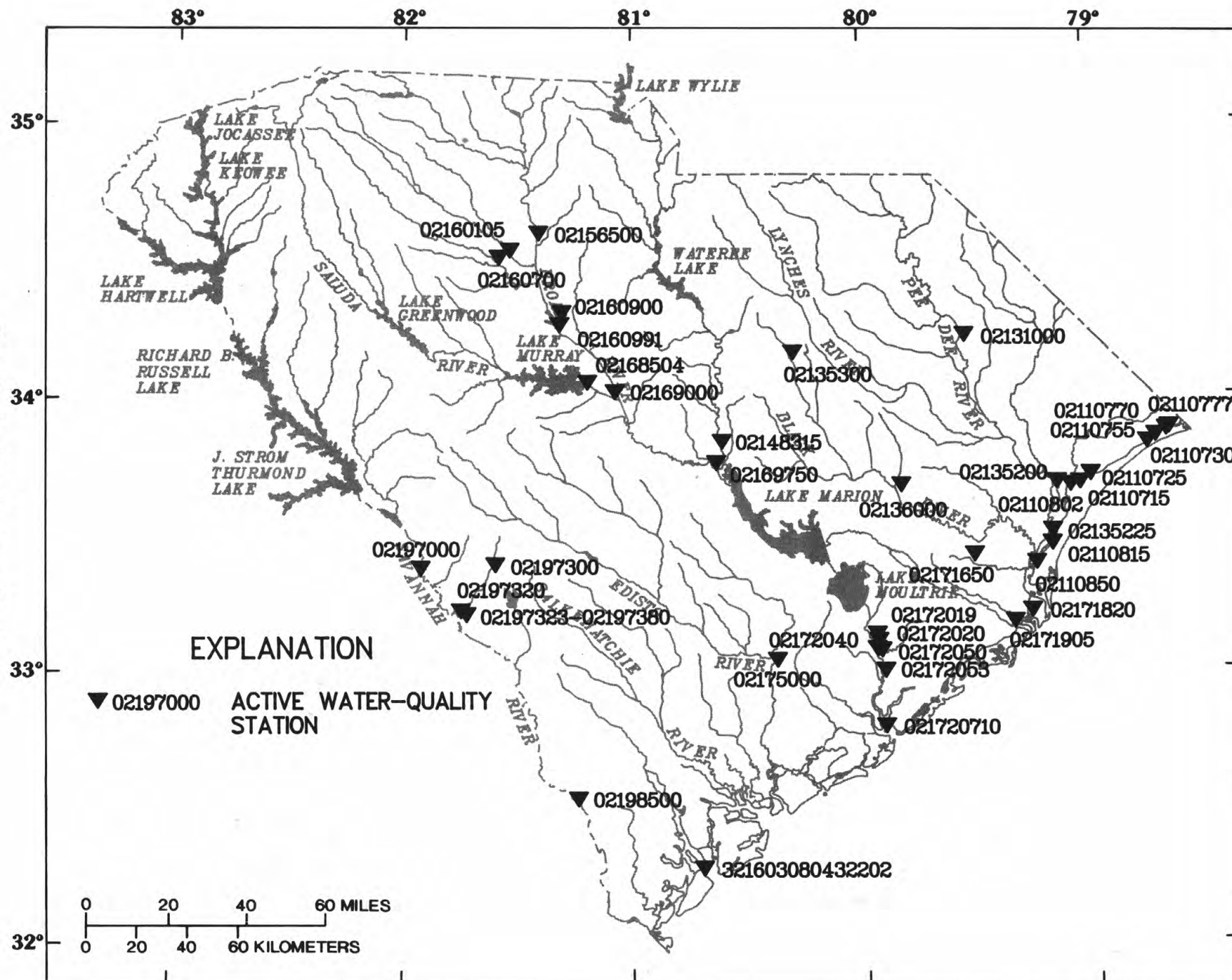


Figure 5.--Location of water-quality stations.



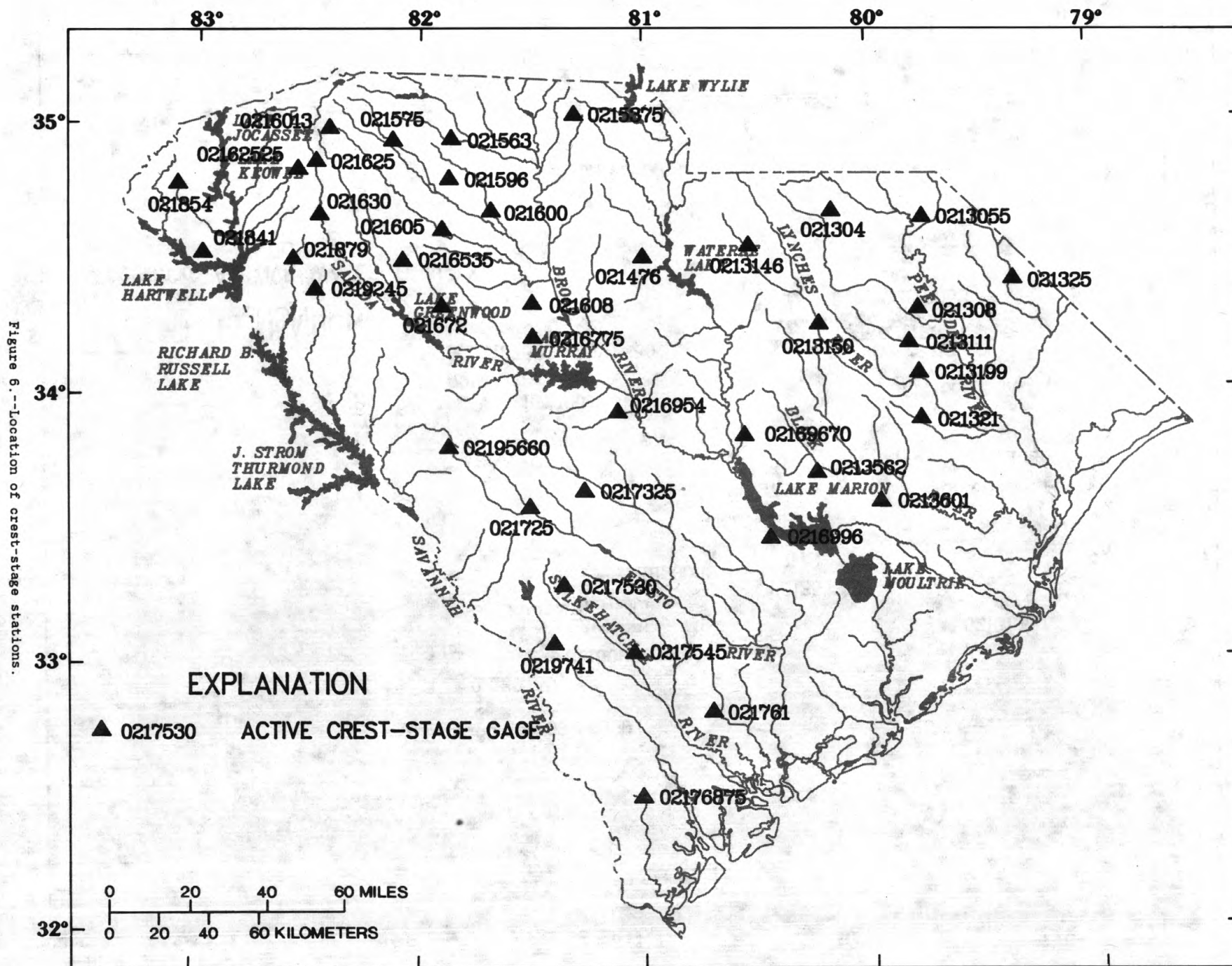
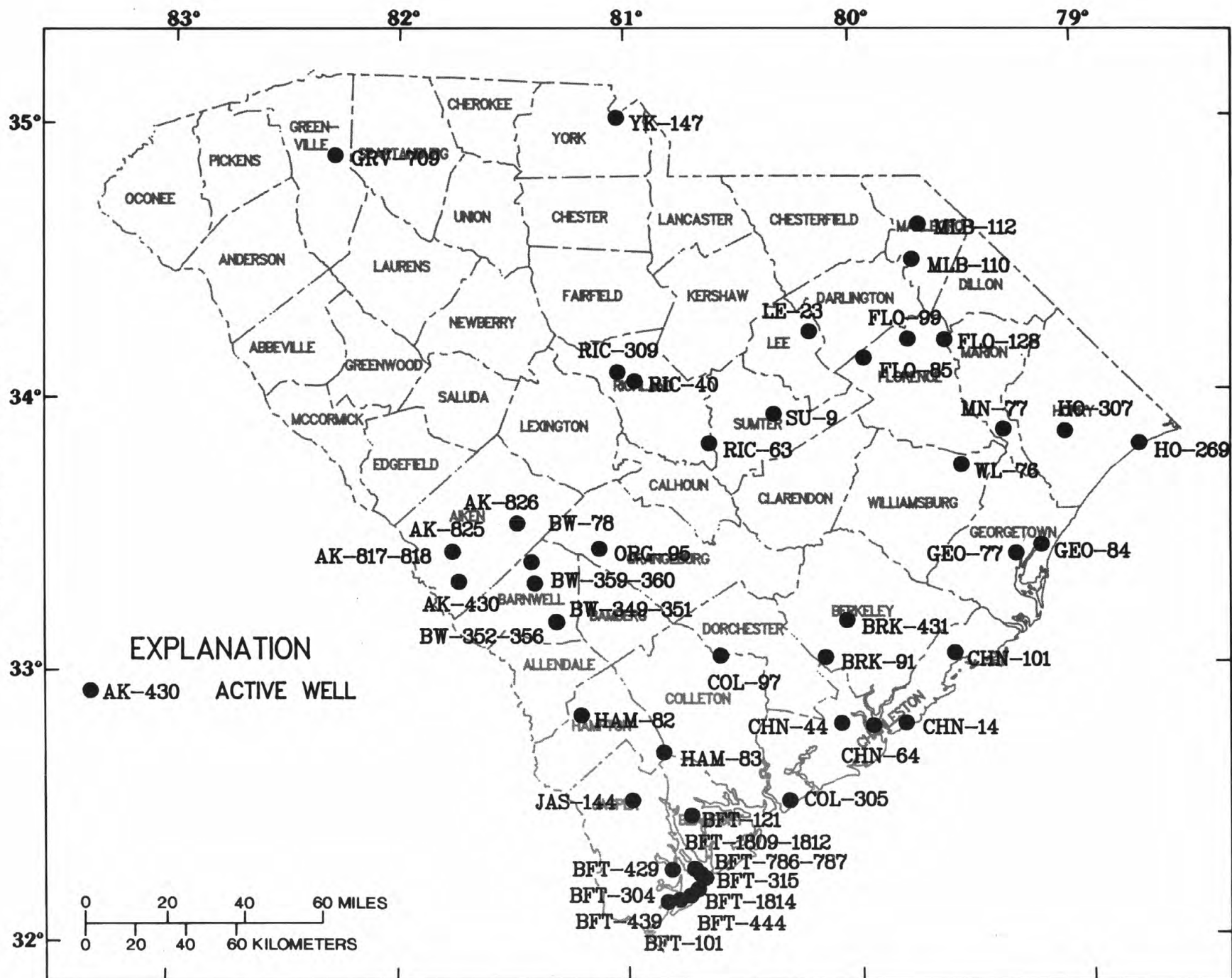


Figure 7.--Location of ground water wells.



SURFACE WATER RECORDS

GAGING-STATION RECORDS

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

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

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

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

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 5.28 ft above National Geodetic Vertical datum of 1929 (levels of Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--40 years, 1,189 ft³/s, 14.55 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,200 ft³/s Aug. 23, 1981, gage height, 14.87 ft; minimum, 1.0 ft³/s, Oct. 14, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,660 ft³/s, Oct. 4, gage height, 12.01 ft; minimum, 24 ft³/s, July 13, 14, gage height, 0.73 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3600	784	812	2490	1340	1260	930	788	311	42	30	453
2	4770	746	770	2470	1290	1290	1100	775	326	40	36	439
3	5430	829	730	2450	1240	1310	1420	661	342	37	42	398
4	5610	850	687	2460	1200	1300	1840	577	355	35	45	370
5	5310	865	643	2480	1170	1280	2230	522	370	33	49	359
6	5050	886	602	2540	1140	1250	2440	518	395	32	46	330
7	4870	920	570	2620	1100	1210	2550	484	430	32	41	288
8	4720	971	566	2860	1060	1180	2590	439	466	32	41	247
9	4530	1040	710	2950	1020	1150	2590	395	506	31	106	222
10	4270	1100	1040	2910	976	1120	2550	370	545	29	203	206
11	4010	1130	1110	2880	938	1090	2570	358	567	28	265	183
12	3740	1140	1180	2840	899	1050	2540	328	570	27	278	202
13	3440	1130	1360	2800	859	1010	2400	303	556	25	250	199
14	3170	1100	1710	2790	819	962	2270	294	522	25	206	169
15	2930	1050	2220	2770	779	917	2150	271	475	28	170	145
16	2700	1010	2570	2730	741	872	2050	253	422	29	143	126
17	2480	961	2740	2660	708	826	1930	240	360	34	135	105
18	2290	910	2840	2580	668	788	1780	241	294	39	203	88
19	2140	870	2970	2470	660	750	1660	231	239	33	302	77
20	1980	855	3110	2360	665	709	1570	217	194	30	351	68
21	1820	880	3200	2250	644	666	1460	199	160	31	343	62
22	1680	940	3220	2150	646	628	1360	188	132	64	326	60
23	1580	1020	3240	2040	783	603	1260	176	112	61	331	55
24	1460	1060	3220	1940	912	588	1150	162	95	43	348	49
25	1360	1060	3170	1840	1020	575	1040	152	81	83	358	45
26	1270	1040	3060	1770	1110	561	919	148	69	94	367	41
27	1170	1000	2940	1680	1170	545	802	148	60	78	377	39
28	1070	951	2790	1610	1220	521	688	178	54	72	393	39
29	972	904	2660	1540	---	520	623	256	49	60	409	35
30	899	856	2580	1470	---	706	559	294	45	46	440	32
31	846	---	2530	1400	---	742	---	302	---	36	456	---
TOTAL	91167	28858	61550	72800	26777	27979	51021	10468	9102	1309	7090	5131
MEAN	2941	962	1985	2348	956	903	1701	338	303	42.2	229	171
MAX	5610	1140	3240	2950	1340	1310	2590	788	570	94	456	453
MIN	846	746	566	1400	644	520	559	148	45	25	30	32

CAL YR 1989 TOTAL 455644 MEAN 1248 MAX 5610 MIN 96
WTR YR 1990 TOTAL 393252 MEAN 1077 MAX 5610 MIN 25

WACCAMAW RIVER BASIN

02110705 WACCAMAW RIVER AT HIGHWAY 501 NEAR CONWAY, SC

LOCATION.--Lat 33°49'00'', long 79°02'33'', Horry County, Hydrologic Unit 03040206, on east bank of the Waccamaw River, 1.0 mi east of Conway, and 12.0 mi west of Myrtle Beach.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1989 to September 1990.

GAGE.--Water-stage recorder. Datum of gage is 2.16 ft below National Geodetic Vertical Datum of 1929. Four auxiliary water-stage recorders (sta. 02110760, 02110777, 02110815, and 02135190) are used in conjunction with this station for computation of discharge.

REMARKS.--Estimated daily discharges: Dec. 24 to Jan. 4. Records poor. Discharge computed by utilization of the one-dimensional unsteady-flow simulation model.

EXTREMES FOR PERIOD OF DAILY RECORD.--Maximum daily discharge, 5,100 ft³/s, Oct. 8, 1989; minimum daily discharge, 71 ft³/s, Oct. 30, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 5,100 ft³/s, Oct. 8; minimum daily discharge, 71 ft³/s, Oct. 30.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4900	1100	1670	3650	2450	1440	2120	1580	1530	546	560	1390
2	4670	969	1630	3700	2420	1530	2150	1480	1550	379	689	1410
3	4770	917	1460	3750	2430	1650	2160	1530	1250	357	748	1460
4	4880	941	1280	3800	2410	1650	2250	1570	1050	664	734	1290
5	4900	766	1300	3860	2200	1520	2280	1530	770	674	671	1320
6	4890	1010	1370	3850	2120	1750	2430	1180	1200	477	626	1340
7	5020	989	1170	3800	2130	1670	2460	1190	1090	385	975	1240
8	5100	817	1510	3910	2100	1680	2470	1290	1000	618	753	1130
9	4740	874	2160	4110	2070	1980	2550	1190	1030	713	2070	1100
10	4540	1000	2710	4150	2170	2100	2740	1350	1090	658	1610	1130
11	4420	940	2720	4180	1960	1990	3030	988	1070	730	1360	1150
12	3630	1020	2820	4060	1860	1890	3060	903	1160	506	1180	1210
13	3070	991	2750	4070	1970	1880	2990	1180	1150	383	1080	1060
14	2900	1050	2760	3950	1840	1890	2950	967	1250	557	990	1090
15	2720	1300	2810	3860	1730	1850	2900	798	1330	593	805	1110
16	2710	1330	2670	3810	1840	1780	2950	998	1120	581	728	996
17	2670	1170	2690	3770	1520	1890	2840	928	1140	522	870	955
18	2730	1060	2850	3630	1360	1700	2770	676	1270	374	1120	1040
19	2720	969	3100	3560	1500	1550	2490	740	1170	546	1200	1110
20	2840	933	3260	3430	1440	1410	2590	839	982	505	1430	1110
21	2880	1330	3370	3410	1430	1390	2630	775	1000	845	1670	1120
22	2690	1300	3390	3500	1720	1450	2450	633	929	815	1570	1090
23	2260	1580	3300	3300	1980	1370	2190	873	884	685	1650	791
24	1720	1550	3250	3240	2010	1380	2180	953	731	1090	1730	734
25	1240	1670	3300	3230	1840	1400	2130	1060	751	912	1680	709
26	805	1800	3350	3030	1620	1350	2010	1130	997	906	1490	679
27	720	1810	3400	3020	1550	1160	1810	1280	809	956	1330	571
28	644	1870	3450	2860	1620	997	1800	1630	746	866	1330	399
29	374	1690	3500	2790	---	1260	1810	1880	592	893	1280	562
30	71.0	1800	3550	2690	---	1710	1550	1880	581	958	1220	500
31	365	---	3600	2570	---	2110	---	1620	---	808	1420	---
TOTAL	92589.0	36546	82150	110570	53290	50377	72740	36621	31222	20502	36569	30796
MEAN	2987	1218	2650	3567	1903	1625	2425	1181	1041	661	1180	1027
MAX	5100	1870	3600	4180	2450	2110	3060	1880	1550	1090	2070	1460
MIN	71	766	1170	2570	1360	997	1550	633	581	357	560	399

WTR YR 1990 TOTAL 653972.0 MEAN 1792 MAX 5100 MIN 71

WACCAMAW RIVER BASIN

02110715 WACCAMAW RIVER AT PEACHTREE LANDING NEAR BUCKSVILLE, SC

LOCATION.--Lat 33°41'40'', long 79°02'54'', Horry County, Hydrologic Unit 03040206, on right bank 1400 ft Northwest of Peachtree landing near Bucksville.

PERIOD OF RECORD.--October 1989 to September 1990.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1989 to September 1990.

WATER TEMPERATURE: October 1989 to September 1990.

DISSOLVED OXYGEN: October 1989 to September 1990.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 218 microsiemens, July 29, 30, 1989; minimum, 66 microsiemens, May 29, 1990.

WATER TEMPERATURE: Maximum, 31.5°C, July 12, 13, 1990; minimum, 0.5°C, Dec. 26, 1989.

DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Dec. 26, 1989; minimum, 0.8 mg/L, Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 218 microsiemens, July 29, 30, 1989; minimum, 66 microsiemens, May 29, 1990.

WATER TEMPERATURE: Maximum, 31.5°C, July 12, 13, 1990; minimum, 0.5°C, Dec. 26, 1989.

DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Dec. 26, 1989; minimum, 0.8 mg/L, Oct. 5, 1989.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	90	80	86	90	80	81
2	---	---	---	---	---	---	90	80	85	90	80	82
3	---	---	---	---	---	---	90	80	84	90	80	82
4	---	---	---	---	---	---	90	80	86	90	80	83
5	---	---	---	---	---	---	90	80	87	90	80	82
6	---	---	---	---	---	---	90	80	86	90	80	86
7	---	---	---	---	---	---	90	80	88	90	80	84
8	---	---	---	---	---	---	90	80	87	90	80	84
9	---	---	---	100	90	95	90	80	87	90	80	84
10	---	---	---	100	90	97	90	80	88	90	80	85
11	---	---	---	100	90	94	100	90	95	90	80	84
12	---	---	---	100	90	92	100	90	94	90	80	82
13	---	---	---	100	90	90	100	90	92	90	80	83
14	---	---	---	90	80	88	100	90	91	90	80	83
15	---	---	---	90	80	88	100	90	94	90	80	81
16	---	---	---	90	80	86	100	90	92	90	80	81
17	---	---	---	90	80	84	100	90	91	80	80	80
18	---	---	---	90	80	86	90	80	87	90	80	81
19	---	---	---	90	80	90	90	70	81	80	80	80
20	---	---	---	90	90	90	80	70	79	90	80	80
21	---	---	---	90	80	89	80	70	78	80	70	79
22	---	---	---	90	80	88	80	70	78	90	80	80
23	---	---	---	90	80	88	80	70	77	90	80	80
24	---	---	---	90	90	90	80	70	75	80	70	80
25	---	---	---	90	80	88	80	70	77	---	---	---
26	---	---	---	90	80	88	80	70	77	---	---	---
27	---	---	---	90	80	85	80	70	77	---	---	---
28	---	---	---	90	80	86	80	70	79	---	---	---
29	---	---	---	90	80	83	90	80	81	---	---	---
30	---	---	---	90	80	85	90	80	82	---	---	---
31	---	---	---	---	---	---	90	80	81	---	---	---
MONTH	---	---	---	100	80	89	100	70	85	90	70	82

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	100	90	99	100	90	91	---	---	---
2	---	---	---	100	90	97	100	90	92	---	---	---
3	---	---	---	100	90	97	110	100	101	---	---	---
4	---	---	---	100	90	91	110	100	100	---	---	---
5	---	---	---	100	80	91	100	100	100	86	83	84
6	---	---	---	90	80	88	100	90	97	89	84	86
7	90	80	85	90	80	88	100	90	93	89	84	86
8	90	80	88	90	80	90	90	80	87	92	84	88
9	90	80	87	90	80	88	90	70	81	94	86	90
10	90	80	86	90	80	86	80	70	75	94	88	90
11	90	80	89	90	80	87	80	70	73	95	91	93
12	90	80	88	90	80	89	80	70	78	95	92	94
13	90	80	87	90	80	88	80	70	76	95	90	93
14	90	80	87	90	80	88	80	70	75	96	92	94
15	90	80	88	90	80	87	80	70	76	97	93	94
16	90	80	88	90	80	89	80	70	75	96	91	94
17	90	90	90	90	80	87	80	70	76	97	92	95
18	90	80	90	90	80	90	80	70	77	98	95	96
19	100	80	91	90	80	89	80	70	78	99	94	96
20	100	90	91	90	90	90	80	70	75	99	94	97
21	100	90	92	100	90	92	80	70	76	100	95	98
22	100	90	93	100	90	90	80	70	78	100	94	97
23	100	90	94	100	90	91	---	---	---	102	98	99
24	100	90	97	100	90	92	---	---	---	104	92	96
25	110	90	100	100	90	92	---	---	---	97	89	94
26	110	90	101	100	90	95	---	---	---	88	68	75
27	100	90	98	100	90	92	---	---	---	71	67	69
28	100	90	99	100	90	93	---	---	---	89	66	75
29	---	---	---	90	80	89	---	---	---	107	91	99
30	---	---	---	100	80	93	---	---	---	110	106	108
31	---	---	---	100	90	92	---	---	---	110	107	108
MONTH	110	80	91	100	80	91	110	70	83	110	66	92
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	111	106	106	94	86	90	108	101	103	---	---	---
2	115	103	109	97	89	92	105	101	103	---	---	---
3	117	110	114	101	92	95	106	102	103	---	---	---
4	117	111	114	102	93	97	109	100	104	---	---	---
5	118	106	115	101	91	95	110	102	105	---	---	---
6	117	102	110	100	91	95	112	103	106	125	116	120
7	118	106	114	102	95	98	110	104	106	125	118	122
8	118	111	116	107	97	102	108	101	104	125	120	123
9	118	109	115	107	97	101	104	85	98	124	119	122
10	118	107	115	105	95	100	94	86	89	123	118	121
11	117	113	116	108	96	101	107	88	94	123	119	121
12	115	101	112	109	97	102	121	94	106	122	119	121
13	114	98	107	110	99	102	131	106	116	121	119	120
14	113	101	108	110	100	106	140	115	126	122	118	120
15	110	106	108	113	100	105	143	123	132	120	116	118
16	108	103	106	114	99	104	143	121	134	120	116	118
17	107	103	105	115	99	105	137	117	129	119	116	118
18	105	100	103	116	98	105	133	117	125	119	115	117
19	103	98	101	135	101	111	127	115	122	125	118	121
20	101	96	99	134	102	110	124	116	119	128	122	125
21	101	96	99	133	101	111	---	---	---	127	124	125
22	101	95	98	116	98	104	---	---	---	129	122	125
23	100	93	97	132	99	107	---	---	---	125	119	122
24	100	94	97	115	100	105	---	---	---	121	114	118
25	107	96	98	106	99	102	---	---	---	115	114	114
26	101	97	99	105	99	102	---	---	---	115	113	114
27	101	96	99	104	100	103	---	---	---	118	114	116
28	---	---	---	155	100	113	---	---	---	118	115	117
29	---	---	---	218	101	148	---	---	---	118	115	116
30	92	86	90	218	99	131	---	---	---	119	117	118
31	---	---	---	103	99	101	---	---	---	---	---	---
MONTH	118	86	106	218	86	105	143	85	111	129	113	120
YEAR	218	66	96									

02110715 WACCAMAW RIVER AT PEACHTREE LANDING NEAR BUCKSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.5	21.5	21.5	17.5	17.0	17.5	12.0	11.0	11.5	5.0	3.5	4.5
2	22.0	21.5	22.0	18.0	17.5	17.5	11.5	11.0	11.5	5.0	4.5	5.0
3	23.0	22.0	22.5	17.5	17.0	17.5	11.5	10.5	11.0	5.5	5.0	5.0
4	23.0	22.5	22.5	17.0	16.5	16.5	10.5	10.0	10.5	6.5	5.5	6.0
5	22.0	21.5	21.5	16.5	16.5	16.5	10.0	10.0	10.0	7.0	6.5	6.5
6	21.5	21.0	21.0	17.0	16.0	16.5	10.5	10.0	10.0	8.0	7.0	7.5
7	22.0	21.0	21.5	17.5	17.0	17.0	10.0	10.0	10.0	8.0	8.0	8.0
8	22.0	21.0	21.5	18.0	17.5	18.0	10.0	9.5	10.0	9.0	8.0	8.5
9	20.5	19.5	20.0	18.5	18.0	18.5	9.5	8.5	9.0	9.5	9.0	9.0
10	19.5	18.5	19.0	18.5	18.0	18.0	8.5	7.5	8.0	9.5	9.0	9.5
11	19.0	18.5	18.5	18.0	17.5	18.0	8.0	7.0	7.5	9.5	9.0	9.5
12	19.0	18.5	18.5	18.0	17.5	17.5	7.5	7.0	7.5	10.0	9.5	9.5
13	19.0	18.5	18.5	18.5	17.5	18.0	8.0	7.5	7.5	9.5	8.5	9.0
14	19.0	19.0	19.0	18.5	18.0	18.0	7.5	7.0	7.0	8.5	8.0	8.5
15	19.5	19.0	19.0	18.5	18.0	18.5	7.0	6.5	6.5	8.5	8.0	8.0
16	20.0	19.5	19.5	18.5	17.0	18.0	7.0	6.5	7.0	9.0	8.5	8.5
17	20.5	20.0	20.0	17.5	16.0	17.0	6.5	6.0	6.0	9.0	8.5	9.0
18	21.0	20.5	20.5	16.0	15.5	16.0	5.5	5.5	5.5	10.0	9.0	9.5
19	21.0	20.5	21.0	15.5	15.0	15.0	5.5	5.0	5.0	10.5	10.0	10.0
20	20.5	18.5	19.5	15.0	14.5	14.5	5.0	4.5	5.0	11.0	10.5	10.5
21	18.5	17.0	17.5	14.5	14.0	14.5	4.5	4.5	4.5	12.5	11.0	11.5
22	17.0	16.5	16.5	14.0	14.0	14.0	4.5	3.5	4.0	12.5	12.0	12.5
23	16.5	16.0	16.0	14.0	13.0	13.5	3.5	2.0	2.5	12.5	12.0	12.5
24	16.0	15.5	16.0	13.0	12.0	12.5	2.0	1.5	1.5	12.5	12.0	12.5
25	16.5	15.0	16.0	12.0	11.5	11.5	1.5	1.0	1.0	---	---	---
26	16.5	15.5	16.0	12.0	11.5	11.5	1.0	.5	1.0	---	---	---
27	17.0	15.5	16.0	12.5	11.5	12.0	1.0	1.0	1.0	---	---	---
28	16.0	15.5	16.0	13.0	12.5	12.5	1.5	1.0	1.0	---	---	---
29	16.5	15.5	16.0	13.5	12.5	13.0	1.5	1.0	1.5	---	---	---
30	17.0	16.5	16.5	12.5	11.5	12.0	2.5	1.5	2.0	---	---	---
31	17.5	17.0	17.0	---	---	---	3.5	2.5	3.0	---	---	---
MONTH	23.0	15.0	19.0	18.5	11.5	15.5	12.0	.5	6.0	12.5	3.5	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	13.5	12.5	13.0	18.5	17.5	18.0	---	---	---
2	---	---	---	13.0	12.5	12.5	19.5	18.5	19.0	---	---	---
3	---	---	---	13.5	13.0	13.0	19.5	19.0	19.5	---	---	---
4	---	---	---	14.0	13.5	13.5	19.0	18.5	19.0	---	---	---
5	---	---	---	14.0	13.0	13.5	19.0	18.0	18.5	25.0	24.5	25.0
6	---	---	---	14.5	13.5	14.0	19.0	18.0	18.5	24.5	24.0	24.5
7	15.5	14.5	15.0	15.0	14.0	14.5	19.0	18.5	18.5	24.0	23.5	24.0
8	15.5	15.0	15.0	14.0	13.5	14.0	18.5	17.5	18.0	24.0	23.5	23.5
9	15.5	15.0	15.5	13.5	13.0	13.5	18.0	17.0	17.5	24.0	23.5	23.5
10	16.0	15.5	16.0	14.5	13.0	14.0	18.0	17.0	17.5	24.0	23.0	23.5
11	16.0	15.0	15.5	15.5	14.5	15.0	18.0	17.5	18.0	24.0	23.0	23.5
12	15.5	14.5	15.0	17.0	15.5	16.0	18.0	17.0	17.5	24.0	23.0	23.5
13	14.5	14.0	14.5	18.0	16.5	17.0	18.0	16.5	17.0	24.0	23.5	23.5
14	15.5	14.5	15.0	18.5	17.5	18.0	17.0	17.0	17.0	24.5	23.5	24.0
15	16.0	15.0	15.5	19.0	18.5	19.0	17.5	17.0	17.0	25.0	24.0	25.0
16	17.0	16.0	16.5	20.0	19.0	19.5	18.0	17.0	17.5	25.5	24.5	25.0
17	17.5	17.0	17.0	21.0	20.0	20.5	19.0	18.0	18.5	26.0	25.0	26.0
18	17.0	16.5	16.5	21.0	20.5	21.0	18.5	18.0	18.5	26.5	25.5	26.0
19	16.0	16.0	16.0	21.0	20.5	21.0	18.5	17.5	18.0	26.5	25.5	26.0
20	16.0	15.5	15.5	20.5	19.5	20.0	18.5	18.0	18.0	27.0	25.5	26.0
21	15.5	15.0	15.0	19.5	19.0	19.0	19.0	18.0	18.5	27.0	26.0	26.5
22	16.0	15.5	15.5	19.0	18.5	19.0	19.5	18.5	19.0	27.5	26.0	26.5
23	16.0	16.0	16.0	19.5	18.5	19.0	---	---	---	26.0	25.0	25.5
24	16.0	15.0	15.5	20.0	19.0	19.5	---	---	---	25.0	24.5	24.5
25	15.0	14.0	14.5	20.5	19.5	20.0	---	---	---	25.0	24.0	24.5
26	14.0	13.0	13.5	20.5	19.5	20.0	---	---	---	25.5	24.5	25.0
27	13.0	12.5	12.5	19.5	19.0	19.0	---	---	---	25.5	25.0	25.5
28	13.0	12.0	12.5	19.0	17.5	18.0	---	---	---	25.5	25.0	25.0
29	---	---	---	18.0	17.0	17.5	---	---	---	25.5	24.5	25.0
30	---	---	---	17.5	17.0	17.5	---	---	---	25.5	25.0	25.0
31	---	---	---	17.5	17.0	17.0	---	---	---	25.5	25.0	25.0
MONTH	17.5	12.0	15.0	21.0	12.5	17.0	19.5	16.5	18.0	27.5	23.0	25.0

02110715 WACCAMAW RIVER AT PEACHTREE LANDING NEAR BUCKSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	2.6	1.7	2.0	3.4	3.1	3.3	7.9	7.6	7.8	10.7	10.5	10.6
2	2.8	2.1	2.4	3.6	3.1	3.3	7.9	7.8	7.8	10.6	10.4	10.5
3	1.9	.9	1.4	3.7	3.4	3.6	8.2	7.8	7.9	10.6	10.4	10.5
4	1.5	.9	1.3	3.7	3.5	3.6	8.3	8.0	8.2	10.4	10.2	10.3
5	1.5	.8	1.2	3.7	3.4	3.6	8.3	8.2	8.2	10.3	10.1	10.2
6	1.6	1.2	1.3	3.9	3.6	3.7	8.5	8.2	8.3	10.1	9.9	10.0
7	1.7	1.1	1.4	4.1	3.7	3.9	8.6	8.3	8.5	10.1	9.9	10.0
8	1.8	1.4	1.6	4.0	3.5	3.8	8.7	8.4	8.6	10.1	9.8	10.0
9	1.9	1.6	1.7	4.2	3.8	4.0	9.1	8.8	8.9	9.7	9.3	9.5
10	1.9	1.7	1.8	4.4	4.1	4.2	9.2	9.1	9.2	9.5	9.2	9.4
11	2.0	1.8	1.9	4.6	4.3	4.5	9.1	9.0	9.0	9.3	9.1	9.2
12	2.1	1.9	2.0	4.7	4.4	4.6	9.1	8.9	9.0	9.3	9.0	9.2
13	2.1	1.8	2.0	4.7	4.6	4.6	9.1	8.9	9.0	9.2	9.0	9.1
14	2.0	1.6	1.8	4.7	4.4	4.6	9.0	8.8	8.9	9.4	9.2	9.3
15	1.8	1.5	1.7	4.5	4.4	4.4	9.0	8.8	8.9	9.5	9.3	9.4
16	1.7	1.3	1.5	5.0	4.4	4.7	9.2	8.9	9.0	9.6	9.4	9.5
17	1.5	.9	1.2	5.2	4.9	5.0	9.4	9.1	9.2	9.6	9.3	9.4
18	1.3	.9	1.1	5.4	5.1	5.2	9.7	9.4	9.5	9.3	9.2	9.2
19	1.3	1.1	1.2	5.4	5.3	5.4	10.0	9.7	9.9	9.2	9.0	9.1
20	1.4	1.1	1.2	5.7	5.4	5.5	10.1	10.0	10.0	9.1	8.8	9.0
21	1.5	1.3	1.4	5.9	5.7	5.8	10.2	10.1	10.1	8.9	8.7	8.8
22	1.7	1.6	1.6	6.1	5.9	6.0	10.6	10.2	10.3	8.7	8.3	8.5
23	2.0	1.7	1.9	6.7	6.0	6.4	10.9	10.6	10.7	8.4	8.3	8.4
24	2.5	2.0	2.2	6.8	6.6	6.7	11.1	10.9	11.0	8.3	8.0	8.2
25	3.3	2.4	2.9	7.1	6.8	7.0	11.2	11.1	11.1	---	---	---
26	3.6	3.1	3.4	7.3	7.0	7.2	11.3	11.1	11.2	---	---	---
27	3.8	3.5	3.6	7.3	7.1	7.2	11.1	10.8	10.9	---	---	---
28	3.8	3.5	3.7	7.3	7.1	7.2	10.9	10.5	10.7	---	---	---
29	3.9	3.6	3.7	7.6	7.2	7.4	10.6	10.4	10.5	---	---	---
30	3.8	3.6	3.7	7.8	7.5	7.7	10.6	10.4	10.5	---	---	---
31	3.7	3.3	3.5	---	---	---	10.7	10.5	10.6	---	---	---
MONTH	3.9	.8	2.0	7.8	3.1	5.1	11.3	7.6	9.5	10.7	8.0	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	7.2	7.1	7.2	6.0	5.7	5.8	---	---	---
2	---	---	---	7.1	6.7	6.9	5.9	5.5	5.7	---	---	---
3	---	---	---	7.1	6.7	6.9	6.1	5.6	5.9	---	---	---
4	---	---	---	7.0	6.7	6.9	6.2	5.8	6.1	---	---	---
5	---	---	---	7.1	6.6	6.8	6.2	5.6	6.0	4.3	3.9	4.0
6	---	---	---	7.0	6.6	6.8	5.9	5.4	5.7	4.3	4.0	4.2
7	6.1	5.9	6.0	6.8	6.5	6.7	6.0	5.7	5.9	4.3	4.1	4.2
8	5.9	5.8	5.8	6.8	6.6	6.7	6.1	5.7	5.9	4.3	4.0	4.2
9	5.8	5.6	5.7	6.8	6.4	6.7	6.0	5.7	5.9	4.3	4.1	4.2
10	5.8	5.4	5.7	6.7	6.3	6.5	5.8	5.5	5.7	4.7	4.3	4.4
11	5.9	5.8	5.8	6.7	6.4	6.5	5.9	5.6	5.8	4.6	4.4	4.5
12	6.0	5.7	5.8	6.6	6.2	6.5	5.8	5.5	5.7	4.6	4.4	4.5
13	6.0	5.8	5.9	---	---	---	5.7	5.4	5.6	4.8	4.5	4.6
14	---	---	---	---	---	---	5.6	5.3	5.5	4.6	4.5	4.6
15	---	---	---	---	---	---	5.5	5.3	5.4	4.6	4.3	4.5
16	---	---	---	---	---	---	5.5	5.2	5.3	4.7	4.2	4.4
17	---	---	---	---	---	---	5.3	5.0	5.2	4.5	4.3	4.3
18	---	---	---	---	---	---	5.6	5.2	5.4	4.3	4.2	4.3
19	---	---	---	---	---	---	5.6	5.3	5.4	4.6	4.1	4.3
20	---	---	---	---	---	---	5.4	5.0	5.3	4.6	4.2	4.3
21	---	---	---	---	---	---	5.4	5.1	5.3	4.6	4.3	4.4
22	---	---	---	---	---	---	5.4	5.1	5.3	4.8	4.2	4.4
23	6.6	6.4	6.5	---	---	---	---	---	---	5.1	4.6	4.8
24	6.8	6.5	6.6	---	---	---	---	---	---	5.3	4.6	5.0
25	7.3	6.8	6.9	---	---	---	---	---	---	5.2	4.6	4.8
26	7.8	7.0	7.3	6.4	6.1	6.2	---	---	---	5.5	4.7	4.9
27	7.4	7.2	7.3	6.4	6.1	6.2	---	---	---	5.0	4.6	4.8
28	7.5	7.2	7.3	6.5	6.2	6.4	---	---	---	4.9	4.4	4.6
29	---	---	---	6.8	6.3	6.6	---	---	---	4.9	4.5	4.7
30	---	---	---	6.5	5.7	6.2	---	---	---	4.3	3.9	4.2
31	---	---	---	6.0	5.8	5.9	---	---	---	3.9	3.7	3.8
MONTH	7.8	5.4	6.4	7.2	5.7	6.6	6.2	5.0	5.6	5.5	3.7	4.4

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

[illegible]

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.

PERIOD OF RECORD.--February 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1986 to current year.

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: February 1986 to current year.

INSTRUMENTATION.--USGS mini-monitor.

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, Sept. 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.--

SPECIFIC CONDUCTANCE: Maximum, 360 microsiemens, April 5; minimum, 70 microsiemens, several days in Feb. Mar., and Apr.

WATER TEMPERATURE: Maximum, 32.0°C, July 11 - 13; minimum, 1.0°C, Dec. 28.

DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Dec. 26; minimum, 0.4 mg/L, Oct. 5, 6, 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	130	110	121	100	80	88	100	80	90	90	80	86
2	130	110	120	90	80	84	90	80	89	90	80	85
3	140	100	120	90	80	84	90	80	87	90	80	86
4	120	100	106	90	80	86	90	80	89	90	80	87
5	120	90	104	90	80	86	90	80	88	90	80	87
6	110	90	100	90	80	88	90	80	89	90	80	89
7	100	90	94	100	80	91	90	80	90	90	80	90
8	100	90	93	100	90	94	90	90	90	100	90	91
9	90	80	89	100	90	94	100	90	93	90	80	89
10	90	80	86	100	90	95	100	90	97	100	80	91
11	90	80	86	100	90	97	100	90	94	100	80	90
12	90	80	86	100	90	97	100	80	90	90	80	87
13	90	80	86	100	90	97	100	90	97	90	80	84
14	90	80	85	100	90	95	100	90	96	90	80	84
15	90	80	87	100	90	96	100	90	94	90	80	85
16	90	80	88	100	90	92	100	90	96	90	80	84
17	90	80	89	100	90	92	100	90	97	90	80	84
18	90	80	89	100	80	90	100	90	94	90	80	83
19	100	80	90	90	80	88	100	90	93	90	80	82
20	90	90	90	100	90	90	90	80	88	90	80	82
21	90	90	90	100	90	91	90	80	85	90	80	83
22	100	90	91	100	90	92	90	80	84	90	80	81
23	100	90	94	100	90	92	90	80	82	90	80	83
24	100	90	93	100	90	94	90	80	82	90	80	84
25	100	90	92	100	90	91	90	80	80	90	80	86
26	100	90	91	100	90	92	90	80	81	90	80	81
27	100	90	91	100	90	92	90	80	82	90	80	82
28	100	90	93	100	90	92	90	80	82	90	80	84
29	100	90	92	90	90	90	90	80	87	90	80	84
30	100	90	93	90	80	89	90	80	87	90	80	84
31	100	90	92	---	---	---	90	80	86	90	80	86
MONTH	140	80	94	100	80	91	100	80	89	100	80	85

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	90	80	84	80	70	78	90	80	87	90	80	81
2	90	80	85	80	70	74	90	80	89	90	80	82
3	90	80	86	90	70	74	90	90	90	90	80	83
4	90	80	84	90	70	81	100	90	94	90	80	84
5	90	80	85	90	70	80	360	90	140	90	80	85
6	90	80	85	90	80	80	100	90	97	90	80	85
7	90	80	87	80	70	80	100	90	97	90	80	88
8	90	80	86	80	70	79	100	80	92	90	80	86
9	90	80	87	80	70	78	100	80	89	90	80	84
10	90	80	87	90	80	81	90	80	83	89	83	85
11	90	80	87	90	70	80	80	70	79	86	84	85
12	90	80	87	80	70	80	80	70	73	89	86	87
13	90	80	87	80	80	80	80	70	72	88	87	88
14	90	80	88	90	80	80	80	70	74	89	87	88
15	90	80	89	90	80	82	80	70	74	90	88	89
16	90	80	90	90	80	82	80	70	76	90	87	88
17	100	80	91	90	80	82	80	70	77	88	87	88
18	100	90	90	90	80	82	80	70	76	90	87	88
19	90	90	90	90	80	82	80	70	75	90	88	89
20	100	90	91	90	80	82	80	70	78	90	88	89
21	100	90	90	90	80	80	80	70	77	90	88	89
22	100	80	91	90	70	80	80	70	76	90	88	89
23	100	90	93	90	80	81	80	70	76	90	89	90
24	100	90	94	90	80	84	80	70	79	90	88	89
25	100	90	95	90	80	84	80	70	79	90	88	89
26	100	90	96	90	80	82	80	70	79	89	88	89
27	100	80	87	90	80	83	90	80	81	89	88	88
28	90	70	80	90	80	82	90	80	82	89	83	87
29	---	---	---	100	80	87	90	80	82	87	81	83
30	---	---	---	90	80	88	90	80	82	82	79	81
31	---	---	---	90	80	87	---	---	---	84	80	82
MONTH	100	70	88	100	70	81	360	70	83	90	79	86
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	86	83	84	99	98	99	106	104	105	115	113	114
2	89	84	86	99	98	99	105	104	104	115	113	114
3	95	89	92	99	98	98	104	102	103	114	112	113
4	101	96	98	102	98	100	104	102	103	114	112	113
5	103	97	100	108	102	104	104	103	104	113	111	112
6	100	92	97	109	106	107	106	103	104	113	111	112
7	94	89	91	109	107	108	105	103	104	113	111	112
8	100	91	95	109	108	108	104	100	102	120	111	113
9	100	92	95	109	107	108	102	94	98	115	112	113
10	99	91	94	111	107	109	97	92	95	117	114	115
11	100	91	95	113	109	111	98	94	95	117	115	116
12	97	88	93	142	111	114	101	95	97	117	115	116
13	92	87	89	113	112	113	95	93	95	118	115	116
14	88	86	87	113	110	112	105	94	95	117	115	116
15	91	87	89	111	109	111	99	95	97	118	115	117
16	92	90	90	111	110	110	103	97	100	117	116	116
17	91	90	91	111	108	110	109	102	104	117	115	116
18	93	91	92	110	109	110	111	108	110	117	115	115
19	95	93	94	111	109	110	111	109	110	116	114	115
20	96	95	95	112	110	111	112	110	111	116	115	115
21	97	95	96	113	110	112	112	111	111	117	115	116
22	101	96	97	114	110	112	113	110	111	119	115	116
23	97	96	96	114	112	113	115	108	111	117	115	116
24	98	96	97	114	112	113	111	107	109	116	114	115
25	98	96	97	113	111	112	108	106	107	116	115	116
26	97	96	97	114	111	112	111	106	109	121	115	116
27	98	96	97	114	108	111	112	110	111	119	115	116
28	99	97	98	110	106	108	114	111	112	117	115	116
29	101	99	100	107	105	106	114	112	113	118	115	116
30	100	98	99	105	104	105	115	113	114	118	116	117
31	---	---	---	115	104	105	116	113	114	---	---	---
MONTH	103	83	94	142	98	108	116	92	105	121	111	115
YEAR	360	70	93									

LITTLE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	21.5	21.5	21.5	18.5	18.0	18.5	13.0	12.0	12.5	5.0	4.0	4.5
2	22.5	21.5	22.0	18.5	18.0	18.5	12.5	11.5	12.0	5.5	5.0	5.0
3	23.0	22.0	22.5	18.5	18.0	18.5	12.0	11.0	11.5	5.5	5.0	5.5
4	23.0	22.0	22.5	18.0	17.5	18.0	11.0	10.0	10.5	6.0	5.5	6.0
5	22.0	21.0	21.5	17.5	17.0	17.5	10.5	10.0	10.0	7.0	6.5	6.5
6	21.5	20.5	21.0	18.0	17.0	17.5	10.5	10.0	10.0	8.0	7.0	7.5
7	21.5	21.0	21.0	18.0	17.5	17.5	10.5	10.5	10.5	8.0	7.5	8.0
8	21.5	21.0	21.0	18.0	18.0	18.0	10.5	10.0	10.5	9.0	8.0	8.5
9	20.5	19.5	20.0	18.5	18.0	18.5	10.0	8.5	9.5	9.5	9.0	9.5
10	19.5	18.5	19.0	18.5	18.0	18.5	8.5	8.0	8.0	10.0	9.5	9.5
11	18.5	18.0	18.5	18.0	17.5	18.0	8.0	7.5	8.0	9.5	9.5	9.5
12	19.0	18.0	18.5	18.0	17.5	18.0	8.5	8.0	8.0	10.0	9.5	9.5
13	19.0	18.5	19.0	18.5	17.5	18.0	8.5	8.0	8.0	9.5	8.5	9.0
14	19.0	19.0	19.0	18.5	18.0	18.0	8.0	7.0	7.5	8.5	8.0	8.5
15	20.0	19.0	19.5	18.5	18.5	18.5	7.5	7.0	7.0	8.5	8.0	8.5
16	20.0	19.5	20.0	18.5	18.0	18.5	7.5	6.5	7.0	9.0	8.5	8.5
17	20.5	20.0	20.5	18.0	17.0	17.5	6.5	6.0	6.5	9.5	8.5	9.0
18	21.0	20.5	20.5	17.0	16.0	16.5	6.0	5.5	6.0	10.0	9.0	9.5
19	22.0	20.5	21.5	16.0	15.0	15.5	5.5	5.0	5.5	10.5	10.0	10.0
20	21.5	19.5	20.5	15.0	14.5	14.5	5.0	5.0	5.0	11.0	10.5	10.5
21	19.0	17.5	18.5	15.0	14.5	14.5	5.0	4.5	5.0	12.0	11.0	11.5
22	17.5	17.0	17.5	14.5	14.0	14.5	4.5	4.0	4.5	12.5	12.0	12.0
23	17.0	16.5	17.0	14.5	13.5	14.0	4.0	2.0	3.0	12.5	12.0	12.0
24	17.0	16.5	17.0	13.5	12.5	13.5	2.0	1.5	2.0	12.5	12.0	12.5
25	17.5	17.0	17.0	12.5	12.0	12.5	1.5	1.5	1.5	14.0	12.5	13.0
26	17.0	17.0	17.0	12.5	12.0	12.5	1.5	1.5	1.5	14.0	13.0	13.5
27	17.5	17.0	17.0	13.0	12.5	13.0	1.5	1.0	1.5	13.0	12.5	13.0
28	17.5	17.0	17.0	13.5	13.0	13.0	1.5	1.0	1.5	12.5	12.0	12.5
29	17.5	17.0	17.0	14.0	13.5	13.5	2.0	1.5	1.5	13.0	12.5	12.5
30	18.0	17.5	17.5	13.5	12.5	13.0	2.5	2.0	2.0	13.0	12.5	13.0
31	18.5	18.0	18.0	---	---	---	4.0	2.5	3.0	13.0	12.5	13.0
MONTH	23.0	16.5	19.5	18.5	12.0	16.5	13.0	1.0	6.5	14.0	4.0	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.0	12.5	13.0	12.5	11.5	12.0	18.0	16.5	17.0	24.5	22.5	23.5
2	13.5	12.5	13.0	12.0	12.0	12.0	19.0	17.5	18.0	25.0	23.5	24.0
3	14.0	13.5	14.0	13.5	12.0	13.0	19.5	18.5	18.5	25.5	24.0	24.5
4	15.5	14.0	14.5	14.0	13.5	13.5	18.5	18.0	18.5	26.0	25.0	25.5
5	15.5	14.5	15.0	14.0	13.5	13.5	18.5	17.5	18.0	25.5	24.5	25.0
6	14.5	14.0	14.5	14.5	13.5	14.0	19.0	18.0	18.5	25.0	24.0	24.5
7	15.0	14.5	14.5	14.5	14.0	14.0	19.5	18.5	19.0	25.0	23.5	24.0
8	15.5	14.5	15.0	14.0	13.5	13.5	18.5	18.0	18.5	24.5	23.5	24.0
9	15.5	15.0	15.5	13.5	13.5	13.5	18.0	17.5	18.0	24.0	23.5	24.0
10	16.5	15.5	16.0	14.5	13.5	14.0	18.5	17.5	18.0	24.5	23.5	24.0
11	16.5	16.0	16.0	15.5	14.5	15.0	18.5	18.0	18.5	24.5	23.0	23.5
12	16.0	15.0	15.5	17.0	15.5	16.5	18.0	17.5	18.0	24.0	23.5	24.0
13	15.0	14.5	15.0	18.0	16.5	17.5	18.0	17.0	17.5	24.0	23.5	24.0
14	15.5	14.5	15.0	19.0	17.5	18.0	17.5	17.0	17.0	24.5	23.5	24.0
15	15.5	15.0	15.5	19.5	18.5	19.0	17.5	17.0	17.0	25.5	24.0	24.5
16	17.0	15.5	16.5	20.5	19.5	20.0	18.0	17.5	17.5	26.0	24.5	25.0
17	18.0	16.5	17.0	20.5	20.0	20.5	19.0	18.0	18.5	25.5	25.0	25.5
18	17.0	16.0	16.5	21.0	20.0	20.5	19.0	18.0	18.5	26.5	25.0	25.5
19	16.0	15.5	16.0	21.0	20.0	20.5	18.5	17.5	18.0	26.5	25.0	26.0
20	16.0	15.0	15.5	20.5	19.0	20.0	19.5	18.0	18.5	26.0	25.5	26.0
21	15.0	14.5	15.0	20.0	18.0	19.0	19.5	18.5	19.0	26.5	25.5	26.0
22	15.5	14.5	15.0	19.0	18.0	18.0	20.0	19.0	19.5	26.5	25.5	26.0
23	16.0	15.0	15.5	19.0	17.5	18.0	20.5	19.0	19.5	26.0	25.5	25.5
24	15.5	15.0	15.5	19.0	18.0	18.5	21.0	19.5	20.0	25.5	24.5	25.0
25	15.0	14.0	14.5	19.0	18.5	19.0	21.5	20.0	20.5	25.0	23.5	24.0
26	14.0	13.0	13.5	19.0	18.5	18.5	22.0	20.5	21.0	25.0	23.5	24.5
27	13.0	11.5	12.0	18.5	17.5	18.0	22.0	21.0	21.5	25.5	24.5	25.0
28	12.0	11.0	11.5	18.0	16.5	17.0	22.5	21.5	22.0	25.0	24.5	24.5
29	---	---	---	16.5	16.0	16.5	22.5	21.5	22.0	24.5	23.5	24.0
30	---	---	---	16.0	15.5	16.0	23.5	22.0	22.5	25.0	24.0	24.5
31	---	---	---	16.5	16.0	16.5	---	---	---	25.0	24.0	24.5
MONTH	18.0	11.0	15.0	21.0	11.5	16.5	23.5	16.5	19.0	26.5	22.5	24.5

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	8.0	7.6	7.9	10.3	9.9	10.1
2	---	---	---	4.1	3.2	3.6	8.3	7.8	8.1	10.0	9.7	9.8
3	---	---	---	4.2	3.7	4.0	8.6	8.2	8.4	9.9	9.5	9.7
4	---	---	---	4.3	3.6	3.9	8.8	8.3	8.5	9.7	9.4	9.6
5	.7	.4	.6	4.2	3.6	3.9	8.8	8.4	8.6	9.5	9.1	9.4
6	1.0	.4	.7	4.3	3.8	4.0	8.7	8.1	8.5	9.3	8.9	9.1
7	1.5	.5	1.0	4.3	3.6	4.0	8.6	8.1	8.4	9.1	8.8	9.0
8	1.5	.8	1.1	4.0	3.5	3.8	8.8	8.3	8.5	9.0	8.5	8.8
9	1.8	1.2	1.5	4.5	3.4	4.0	9.0	8.5	8.7	8.8	8.2	8.5
10	1.7	1.5	1.6	4.8	3.9	4.4	9.2	8.9	9.0	8.5	7.8	8.3
11	1.9	1.5	1.7	5.0	4.2	4.6	9.1	8.6	8.9	8.3	7.8	8.1
12	2.0	1.6	1.8	5.1	4.3	4.7	9.0	8.7	8.8	8.3	8.0	8.2
13	1.8	1.5	1.7	4.9	4.3	4.7	8.8	8.6	8.7	8.3	8.0	8.1
14	1.7	1.3	1.5	4.8	4.2	4.6	8.8	8.4	8.6	8.2	8.0	8.1
15	1.5	1.0	1.3	5.4	3.9	4.8	8.8	8.4	8.6	8.2	7.9	8.1
16	1.4	.8	1.1	6.1	5.2	5.7	8.8	8.6	8.7	8.2	7.9	8.0
17	1.0	.5	.8	6.0	5.6	5.8	9.0	8.6	8.8	8.2	7.9	8.0
18	.8	.4	.5	6.3	5.7	6.0	9.3	8.9	9.1	8.2	7.7	8.0
19	---	---	---	6.3	5.7	6.1	9.6	9.2	9.4	8.1	7.6	7.9
20	---	---	---	7.1	6.1	6.6	9.8	9.4	9.7	8.0	7.7	7.9
21	---	---	---	7.1	6.8	6.9	9.9	9.6	9.8	8.0	7.6	7.8
22	---	---	---	7.1	6.6	6.9	10.2	9.8	10.0	7.7	7.4	7.6
23	---	---	---	7.3	6.7	7.1	10.5	10.2	10.3	7.6	7.3	7.4
24	---	---	---	7.5	7.0	7.2	10.6	10.5	10.5	7.4	7.1	7.3
25	---	---	---	7.8	7.3	7.5	10.7	10.6	10.6	7.3	7.1	7.2
26	---	---	---	8.0	7.4	7.7	10.9	10.7	10.7	7.6	7.2	7.4
27	---	---	---	7.8	7.2	7.6	10.8	10.6	10.7	7.3	7.1	7.2
28	---	---	---	8.0	7.2	7.6	10.8	10.5	10.6	7.4	7.1	7.2
29	---	---	---	7.8	7.0	7.6	10.6	10.2	10.4	7.3	7.0	7.2
30	---	---	---	8.0	7.6	7.8	10.4	10.2	10.3	7.3	6.8	7.1
31	---	---	---	---	---	---	10.3	10.1	10.2	7.1	6.8	6.9
MONTH	2.0	.4	1.2	8.0	3.2	5.6	10.9	7.6	9.3	10.3	6.8	8.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.0	6.7	6.9	7.7	7.4	7.6	5.6	4.7	5.2	4.6	4.2	4.4
2	7.0	6.6	6.9	7.7	7.5	7.6	5.1	4.6	4.9	4.5	4.0	4.3
3	6.9	6.5	6.7	7.5	7.0	7.3	4.8	4.4	4.6	4.4	3.9	4.2
4	7.3	6.6	6.8	7.1	6.6	6.9	5.2	4.6	4.9	4.2	3.7	4.0
5	6.9	6.6	6.7	7.3	6.7	6.9	5.2	4.9	5.0	4.4	3.9	4.1
6	6.9	6.6	6.8	7.1	6.7	6.9	5.3	4.8	5.1	4.8	4.2	4.5
7	7.0	6.5	6.8	7.1	6.6	6.8	5.5	5.1	5.3	4.5	4.3	4.4
8	6.8	6.4	6.7	7.6	7.0	7.2	5.5	5.3	5.4	4.7	4.2	4.4
9	6.7	6.2	6.5	7.5	7.0	7.2	5.6	5.3	5.5	4.6	4.4	4.5
10	6.7	6.3	6.5	7.0	6.7	6.8	5.5	5.3	5.4	5.1	4.4	4.7
11	6.8	6.4	6.6	6.9	6.7	6.8	5.6	5.3	5.4	5.4	4.9	5.2
12	6.7	6.4	6.6	7.0	6.6	6.8	5.5	5.2	5.4	5.3	4.8	5.1
13	6.7	6.4	6.6	7.2	6.4	6.7	5.5	5.2	5.3	5.5	5.0	5.2
14	---	---	---	---	---	---	5.5	5.2	5.3	5.5	5.1	5.3
15	---	---	---	---	---	---	5.4	5.1	5.3	5.3	4.8	5.0
16	---	---	---	---	---	---	5.2	4.8	5.1	5.3	4.7	5.1
17	---	---	---	---	---	---	5.2	4.9	5.0	5.7	5.0	5.3
18	---	---	---	---	---	---	5.5	5.1	5.3	5.4	4.9	5.2
19	---	---	---	---	---	---	5.7	5.5	5.5	5.3	4.8	5.1
20	---	---	---	---	---	---	5.5	5.2	5.4	5.4	4.9	5.2
21	6.8	6.2	6.6	---	---	---	5.4	5.1	5.3	5.5	5.1	5.2
22	6.8	6.5	6.7	---	---	---	5.6	5.0	5.3	5.5	4.8	5.2
23	6.9	6.5	6.7	---	---	---	5.3	4.9	5.1	5.5	4.8	5.2
24	7.1	6.8	7.0	---	---	---	5.1	4.8	5.0	5.6	5.1	5.4
25	7.1	6.8	7.0	---	---	---	5.1	4.9	5.0	5.8	5.3	5.6
26	7.7	7.1	7.4	---	---	---	5.1	4.8	5.0	5.8	5.4	5.7
27	8.0	7.6	7.8	6.3	6.1	6.2	5.0	4.6	4.8	5.9	5.5	5.7
28	8.0	7.6	7.8	6.4	6.1	6.2	4.8	4.5	4.7	5.8	5.4	5.6
29	---	---	---	6.4	6.0	6.2	5.0	4.7	4.9	5.8	5.0	5.3
30	---	---	---	6.3	5.3	5.9	4.9	4.1	4.7	4.9	4.5	4.8
31	---	---	---	5.8	5.4	5.6	---	---	---	4.8	4.3	4.6
MONTH	8.0	6.2	6.9	7.7	5.3	6.8	5.7	4.1	5.1	5.9	3.7	5.0

LITTLE RIVER BASIN

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°50'34'', long 78°40'05'', Horry County, Hydrologic Unit 03040207, on right bank at Vereens Marina, 6.5 mi upstream from the junction of Little River Inlet and at AIW mile 348.2.

PERIOD OF RECORD.--October 1983 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to current year.

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

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 64,200 microsiemens, Sept. 25, 1984; minimum, 100 or less microsiemens, many days.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 41,100 microsiemens, July 20; minimum, 100 or less microsiemens, many days throughout the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	1180	100	249	11600	120	1800	120	100	104
2	400	160	205	7300	100	1080	9420	140	1230	160	100	109
3	260	140	180	5480	100	725	2040	140	432	140	100	104
4	360	120	166	6660	100	1020	19500	160	3590	200	100	108
5	600	100	171	6580	100	1200	14700	160	3510	160	100	112
6	240	120	143	3340	100	517	12800	160	4430	400	100	154
7	480	120	172	4900	100	805	5680	160	1750	1160	100	279
8	5280	120	670	7480	140	1420	14100	180	3950	---	---	---
9	3560	120	387	10100	160	2790	12700	160	2660	---	---	---
10	800	100	178	10600	140	2730	5900	140	1210	1280	120	293
11	460	100	148	14400	160	3990	6580	140	1290	6140	140	814
12	280	100	122	20600	160	4820	12100	140	1870	1960	140	380
13	140	100	116	27200	140	7100	9080	140	1190	3040	140	433
14	140	100	116	27400	160	6940	6340	140	746	1300	140	350
15	140	100	115	27000	160	6010	7580	140	921	680	140	208
16	160	100	116	10100	200	2550	1260	120	338	180	120	140
17	140	100	111	20800	180	3510	960	140	297	160	120	140
18	120	100	106	10200	180	2900	340	120	169	380	120	152
19	120	100	113	5100	180	1360	160	120	139	240	120	140
20	---	---	---	3480	140	1040	160	120	144	840	120	177
21	---	---	---	6460	120	1390	200	120	148	380	120	156
22	180	100	117	11700	180	3550	180	120	150	300	120	151
23	260	100	126	8440	180	1780	240	140	178	1000	120	226
24	180	100	107	---	---	---	200	120	159	680	120	230
25	580	100	160	---	---	---	380	120	190	800	120	250
26	860	100	181	---	---	---	160	100	128	300	140	157
27	700	100	163	---	---	---	240	120	150	1840	120	408
28	940	100	184	8340	160	1410	160	100	118	1040	100	383
29	3720	100	525	9580	140	1480	140	100	102	1400	140	429
30	3900	100	675	16000	140	2580	160	100	105	1140	120	394
31	3120	120	415	---	---	---	180	100	109	1280	140	422
MONTH	5280	100	214	27400	100	2500	19500	100	1070	6140	100	255

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1040	140	354	---	---	---	920	100	223	7220	120	2050
2	1060	120	275	580	100	178	1440	100	295	12200	140	3210
3	600	120	194	140	100	108	1120	100	228	11800	160	4000
4	1000	140	232	160	100	128	920	120	311	6880	140	2340
5	920	140	322	160	100	127	1580	100	459	4460	100	1430
6	3760	140	568	160	100	122	1260	100	318	19200	100	3330
7	1220	120	342	200	120	150	3700	100	424	15400	160	4060
8	3340	140	572	240	140	167	1620	120	558	11600	120	2060
9	1500	120	434	300	100	134	1040	100	314	14000	120	2340
10	1240	140	377	160	100	118	460	100	172	8420	140	2630
11	4100	100	766	300	100	138	360	100	133	11200	120	1810
12	1820	100	382	300	100	115	480	120	184	15700	140	2440
13	---	---	---	200	100	114	520	100	183	13700	120	2070
14	---	---	---	460	100	141	500	100	164	7640	120	1080
15	---	---	---	480	100	136	580	100	153	9920	120	2660
16	700	100	187	500	100	129	420	100	139	9780	120	2300
17	720	100	178	300	100	117	1620	100	227	8780	100	1470
18	720	140	336	120	100	102	520	100	199	3840	100	891
19	---	---	---	800	100	172	4280	100	599	6700	120	1460
20	---	---	---	7580	100	959	700	100	178	11100	120	2130
21	2340	100	438	3040	120	584	960	100	313	13800	120	2830
22	780	100	209	7140	160	1240	10100	100	1340	28400	180	6960
23	480	100	177	1620	100	479	7760	100	1870	38200	380	12200
24	240	120	149	3900	100	908	13900	100	2110	32700	280	9710
25	1060	140	315	8260	100	1790	16000	100	2500	32100	240	6320
26	1720	100	526	10600	140	2190	21600	100	3240	31600	240	7300
27	---	---	---	11900	120	2530	19800	100	3240	25500	240	6440
28	---	---	---	16700	120	2900	19700	120	3430	---	---	---
29	---	---	---	11700	100	2420	16300	100	2660	---	---	---
30	---	---	---	2440	100	375	11000	100	1910	---	---	---
31	---	---	---	3260	100	394	---	---	---	11500	100	3200
MONTH	4100	100	349	16700	100	639	21600	100	936	38200	100	3600
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9080	100	2260	25800	280	9640	30800	280	10500	---	---	---
2	2940	100	881	33400	640	14700	27700	460	12900	---	---	---
3	7900	100	1340	33900	1440	17300	26200	420	11100	---	---	---
4	7220	180	1430	28300	420	12500	25800	360	8180	---	---	---
5	17900	100	3820	26700	240	7870	27700	360	10100	21700	120	6660
6	12000	120	2200	33800	460	11700	31200	560	12200	22600	160	8280
7	9260	100	1090	38200	2620	17900	29500	1040	14500	22300	160	7750
8	9880	100	1250	36100	2680	20900	23900	500	11200	22600	120	7930
9	8960	100	1260	32200	820	15600	19100	400	6830	32300	400	13300
10	6940	100	813	31700	480	12600	12700	280	4450	30200	380	12200
11	10800	120	1290	30100	900	14100	13800	300	4690	27500	320	10200
12	13300	120	1510	30800	1220	14500	15100	260	4330	25900	380	11000
13	13600	200	2330	30500	1840	17200	16400	240	4640	26600	360	10300
14	7520	200	1550	36400	5980	21800	21700	200	6370	27600	380	10800
15	8780	200	2570	34300	2620	20000	24900	260	7780	27900	400	11500
16	12700	260	4290	34100	740	15400	---	---	---	31900	720	13900
17	12400	260	3470	33800	480	15000	---	---	---	32200	860	14000
18	17700	200	4330	36600	620	15600	29900	380	12400	29000	840	13900
19	24800	240	5880	38400	720	16600	---	---	---	28100	740	12500
20	34900	240	10300	41100	680	16900	---	---	---	25200	580	11400
21	---	---	---	39200	560	16100	24800	280	7880	31100	480	14100
22	---	---	---	37900	480	14400	28100	600	12000	23800	460	9410
23	---	---	---	38100	700	16400	26600	960	12200	22400	400	6650
24	---	---	---	33700	960	15700	21100	260	7410	22600	480	5720
25	---	---	---	31900	780	14200	11800	180	3380	18300	420	5670
26	38800	940	16600	33000	1400	17700	10200	140	2460	21300	360	7370
27	33100	640	13300	33100	2240	16300	15100	140	3600	24100	360	8700
28	25600	380	9920	25100	420	10000	17500	140	5250	27200	480	12100
29	19900	260	8370	23600	300	8660	13400	140	4070	26600	640	13200
30	20500	260	7580	21400	240	6770	36500	100	7340	24800	420	10900
31	---	---	---	18900	180	5310	---	---	---	---	---	---
MONTH	38800	100	4390	41100	180	14500	36500	100	7990	32300	120	10400
YEAR	41100	100	3940									

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.--October 1983 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.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 39,200 microsiemens, Sept. 22, 1989; minimum, 57 microsiemens, Mar. 14-16, 1987.

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

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

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 8,460 microsiemens, July 7, 8; minimum, 80 microsiemens, Mar. 3, 4, 10, and Apr. 14 - 16, 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	180	140	170	180	120	160	200	120	140	180	100	130
2	180	100	150	180	100	160	180	100	130	160	100	120
3	180	140	160	200	160	170	180	120	150	160	100	120
4	200	160	180	200	160	180	180	100	150	160	100	130
5	200	140	170	200	140	180	200	120	150	160	100	130
6	5660	140	450	180	140	170	---	---	---	120	100	110
7	1040	120	230	180	140	160	---	---	---	120	100	110
8	560	140	180	180	160	160	140	100	110	180	100	120
9	1580	140	230	200	160	170	100	100	100	180	100	120
10	4700	140	500	---	---	---	200	100	130	180	100	130
11	960	120	220	180	160	180	240	100	130	180	100	130
12	2600	120	340	180	180	180	200	100	130	160	100	130
13	5420	120	370	180	180	180	140	100	110	180	100	130
14	160	120	150	180	180	180	200	100	130	180	100	130
15	140	120	130	180	160	180	200	100	140	160	100	130
16	160	120	140	180	120	170	160	120	140	160	100	130
17	160	100	140	180	180	180	160	120	130	180	100	130
18	140	120	130	180	140	170	140	100	120	140	100	120
19	180	100	130	180	160	180	120	100	100	160	100	120
20	200	160	180	180	120	150	180	100	120	180	120	140
21	200	140	170	180	120	160	160	100	130	140	100	120
22	180	140	160	---	---	---	160	120	130	160	100	130
23	180	140	160	---	---	---	140	120	130	160	100	130
24	180	140	160	---	---	---	140	100	120	260	100	130
25	180	140	160	---	---	---	---	---	---	140	100	120
26	200	140	160	180	120	150	180	100	120	200	100	140
27	180	140	160	160	140	150	160	100	120	200	100	140
28	200	140	170	160	120	140	180	100	120	160	100	130
29	180	140	160	200	120	150	180	100	130	---	---	---
30	180	140	150	200	100	150	160	100	120	---	---	---
31	180	140	150	---	---	---	160	100	120	180	120	160
MONTH	5660	100	200	200	100	170	240	100	130	260	100	130

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	120	90	110	110	100	110	120	100	110
2	---	---	---	100	90	90	120	110	110	150	110	120
3	180	100	130	90	80	90	120	110	110	150	110	130
4	180	100	130	90	80	80	120	110	110	130	110	120
5	200	160	180	100	90	90	120	100	110	130	110	120
6	240	120	180	100	90	90	120	110	120	180	110	120
7	180	100	140	120	90	100	120	110	120	150	110	130
8	200	120	160	120	90	100	120	110	120	140	110	120
9	180	100	150	100	90	90	120	110	120	150	110	120
10	160	100	130	90	80	90	120	100	110	140	110	120
11	200	120	160	100	90	90	110	90	110	130	110	120
12	200	140	170	100	90	100	110	90	100	140	110	120
13	200	120	150	110	90	100	100	90	90	170	110	130
14	130	100	110	110	90	100	100	80	90	130	110	120
15	130	100	110	110	100	100	100	80	90	140	110	120
16	110	100	110	100	100	100	90	80	90	130	110	120
17	140	100	110	100	100	100	100	90	90	130	110	120
18	130	100	110	100	100	100	100	80	90	130	110	120
19	110	100	110	110	100	100	100	90	90	140	110	120
20	140	100	110	110	100	110	100	90	90	130	110	120
21	130	100	120	130	100	110	100	90	90	140	110	130
22	120	100	110	130	100	110	110	90	100	520	120	190
23	130	100	120	130	100	110	110	100	100	2020	130	380
24	130	100	120	120	100	110	110	90	100	1940	130	330
25	120	100	110	120	100	110	110	90	100	520	120	210
26	130	100	120	120	100	120	140	90	110	560	130	210
27	140	100	120	130	100	120	150	100	120	600	120	240
28	130	90	110	130	100	120	140	100	120	450	130	230
29	---	---	---	140	100	120	150	100	120	170	120	140
30	---	---	---	120	100	110	120	100	110	160	110	130
31	---	---	---	120	100	110	---	---	---	160	110	130
MONTH	240	90	130	140	80	100	150	80	100	2020	100	150
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	150	120	130	470	150	230	910	180	320	220	140	160
2	150	110	120	2040	160	520	750	160	330	190	140	160
3	130	110	120	2180	160	610	750	170	340	180	140	160
4	140	110	120	870	160	320	440	190	290	210	140	160
5	170	110	130	550	140	250	740	120	280	210	140	170
6	170	120	140	2480	150	480	1500	160	380	210	150	170
7	150	120	130	8460	170	1150	1400	200	480	210	150	170
8	150	120	130	8460	190	1490	600	180	300	320	140	190
9	150	110	130	3540	180	770	300	180	230	1280	150	430
10	150	120	130	1300	160	450	260	180	210	560	160	290
11	130	120	130	1080	170	440	260	120	190	410	150	230
12	140	120	130	1140	180	430	240	120	180	330	160	210
13	140	110	130	950	180	460	240	130	180	340	150	210
14	130	110	120	2880	210	1140	300	140	180	310	150	200
15	130	110	120	2260	200	930	470	140	210	340	150	210
16	150	110	130	1220	180	490	1480	150	410	620	160	260
17	160	120	130	1740	180	550	1680	160	520	460	160	260
18	160	110	130	2400	180	650	910	150	320	430	160	240
19	260	120	150	3000	180	740	570	140	230	270	160	210
20	1940	130	430	2960	210	790	290	130	180	230	160	190
21	1660	140	530	2180	200	650	270	130	170	630	160	290
22	1600	140	470	1800	120	480	410	140	240	290	160	220
23	2180	140	470	1720	160	560	350	150	230	240	150	190
24	2520	120	630	1480	160	490	190	150	170	210	150	170
25	3180	160	860	410	160	280	160	140	160	180	140	160
26	1780	170	610	570	160	340	160	140	150	180	140	160
27	580	160	310	730	170	360	230	140	160	300	140	190
28	290	160	220	240	150	200	180	140	160	350	150	210
29	220	90	190	210	150	180	---	---	---	290	160	200
30	290	150	190	180	150	170	---	---	---	230	160	190
31	---	---	---	190	170	180	220	140	170	---	---	---
MONTH	3180	90	250	8460	120	540	1680	120	250	1280	140	210
YEAR	8460	80	200									

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.

WATER-DISCHARGE RECORDS

GAGE.--Water-stage recorder. Datum of gage is 12.39 ft below National Geodetic Vertical Datum of 1929 (revised). Four auxiliary water-stage recorders (sta. 02110705, 02110777, 02110815, and 02135190) are used in conjunction with this station for computation of discharge.

EXTREMES FOR PERIOD OF DAILY RECORD.--Maximum daily discharge, 7,210 ft³/s, Apr. 1, 1983; minimum daily discharge, -248 ft³/s, Sept. 21, 1989.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1150	1250	1060	3070	1580	2180	1520	583	972	148	159	578
2	1640	983	1020	3050	1760	2650	1560	644	1130	186	242	475
3	1860	1160	886	3030	1670	2870	1680	907	733	231	467	490
4	2010	1100	491	3010	1670	2800	1540	851	864	481	300	441
5	2110	1090	541	2740	1390	2890	1300	915	539	209	243	243
6	2310	1230	884	2620	1550	2730	1430	450	1030	38	178	268
7	2180	869	719	2620	1480	2510	1470	825	1100	-4.0	335	333
8	1770	711	1020	2630	1280	2350	1350	885	889	212	365	173
9	2110	509	1060	2590	1380	2190	1620	749	932	166	507	143
10	2230	461	971	2630	1340	1980	1740	754	1090	82	479	437
11	2330	360	1100	2500	1030	1760	1950	746	916	110	470	452
12	2660	429	1070	2690	1520	1880	1730	641	918	2.0	472	533
13	2990	366	1270	2620	1440	1880	1670	1000	1090	-110	385	358
14	3090	386	1320	2820	1490	1660	1780	807	998	37	260	320
15	3340	483	1430	2900	1390	1750	1870	769	732	226	81	264
16	3440	811	1670	2940	1570	1910	1740	927	829	194	21	68
17	3450	483	1690	2920	1390	1930	1850	993	878	251	94	159
18	3470	814	2110	2970	1630	1790	1620	779	584	121	317	237
19	3540	795	2900	2900	1810	1640	1640	738	467	278	384	194
20	3110	918	3100	2960	1770	1660	1760	756	113	281	396	227
21	2590	552	3170	2880	1990	1500	1280	585	210	243	266	199
22	2480	769	3240	2720	1820	1420	1000	200	157	202	69	442
23	2170	1100	3230	2710	1630	1280	1010	29	79	159	358	475
24	1840	813	3240	2730	1810	821	945	551	67	263	636	529
25	1390	765	3220	2330	1490	799	887	550	226	171	793	358
26	1430	992	3200	1950	1430	805	735	490	458	285	734	411
27	1420	815	3170	1370	1660	770	809	410	355	462	593	209
28	1390	976	3150	1480	1950	797	747	378	394	432	571	249
29	1050	918	3140	1320	---	1130	977	1040	354	460	477	370
30	1050	999	3120	1380	---	1570	883	895	300	570	454	87
31	1140	---	3100	1440	---	1430	---	772	---	416	626	---
TOTAL	68740	23907	61292	78520	43920	55332	42093	21619	19404	6802.0	11732	9722
MEAN	2217	797	1977	2533	1569	1785	1403	697	647	219	378	324
MAX	3540	1250	3240	3070	1990	2890	1950	1040	1130	570	793	578
MIN	1050	360	491	1320	1030	770	735	29	67	-110	21	68
CAL YR 1989	TOTAL 392005.0 MEAN 1074 MAX 3540 MIN -248											
WTR YR 1990	TOTAL 443083.0 MEAN 1214 MAX 3540 MIN -110											

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: April 1987 to current year.

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

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 49,400 microsiemens, Sept. 22, 1989; minimum, 70 microsiemens, several days in September 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 23,900 microsiemens, July 7; minimum, 100 or less microsiemens, several days during the year.

SPECIFIC CONDUCTANCE (MICROSCIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	180	100	131	280	160	200	1260	180	305	240	100	132
2	180	100	120	300	160	208	640	160	246	260	120	170
3	140	100	111	280	160	203	280	160	199	240	120	154
4	280	100	187	300	180	211	2280	180	416	180	100	129
5	280	180	217	340	180	222	2440	180	383	180	100	130
6	280	180	209	280	180	215	1360	160	334	180	100	125
7	260	180	210	280	180	210	340	180	208	200	120	135
8	240	160	189	300	180	223	2020	180	429	180	100	131
9	240	160	187	640	180	270	1220	180	311	200	120	149
10	240	140	181	960	180	298	340	160	229	180	120	142
11	200	140	171	2000	180	433	420	160	237	360	100	168
12	260	140	172	3020	180	535	780	160	255	240	100	142
13	260	140	167	4680	180	885	420	160	219	200	100	153
14	200	140	169	5060	180	891	340	160	225	200	120	165
15	200	140	168	4700	180	771	460	140	194	200	100	147
16	200	140	163	700	180	271	280	120	174	200	100	140
17	200	120	168	1560	160	418	260	160	191	200	100	137
18	240	160	179	900	180	302	240	160	186	200	100	131
19	200	140	180	360	200	243	200	160	178	---	---	---
20	200	140	165	300	160	222	240	120	179	---	---	---
21	240	140	179	340	160	209	200	120	164	160	100	122
22	240	140	177	580	180	261	200	120	174	200	100	137
23	280	160	189	300	180	224	200	100	148	180	100	150
24	260	160	183	460	180	268	180	100	146	180	100	133
25	260	140	184	960	180	312	200	100	151	180	100	130
26	260	160	189	900	160	261	200	100	152	240	100	149
27	260	160	200	640	160	238	200	100	142	240	100	176
28	260	160	193	460	160	219	200	100	139	200	100	162
29	280	160	198	620	160	219	200	100	147	200	100	142
30	260	160	204	1280	160	321	180	100	141	200	120	151
31	260	180	210	---	---	---	160	100	117	240	120	161
MONTH	280	100	179	5060	160	325	2440	100	217	360	100	145

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSCIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	200	100	159	260	120	174	260	100	156	700	100	185
2	200	100	145	260	120	169	240	100	161	800	100	230
3	240	100	154	200	100	150	240	100	174	960	100	245
4	260	120	149	240	100	168	260	100	193	420	100	168
5	240	120	163	240	100	176	240	100	174	280	100	148
6	260	120	186	240	100	169	200	100	159	2000	100	378
7	240	120	157	260	100	180	240	100	175	1820	140	327
8	240	120	162	260	140	188	260	100	202	840	100	217
9	240	120	152	240	100	163	260	100	188	1500	100	276
10	240	100	144	240	100	159	200	100	152	400	100	178
11	300	100	163	200	100	159	200	100	147	780	100	202
12	240	120	169	200	100	146	240	100	172	1380	100	221
13	240	120	172	200	100	151	240	100	161	1460	100	237
14	200	100	154	240	100	157	200	100	142	240	100	140
15	240	120	153	240	100	144	160	100	119	680	100	187
16	240	120	154	240	100	141	180	100	129	480	100	172
17	240	120	150	200	100	140	200	100	134	240	100	145
18	200	120	152	240	100	165	240	100	141	240	100	157
19	180	140	148	240	100	179	240	100	164	460	100	179
20	300	120	169	260	120	194	200	100	148	740	100	192
21	240	120	177	260	100	202	200	100	139	1620	100	302
22	200	120	148	260	100	196	700	100	187	5880	100	1040
23	180	100	139	240	100	166	560	100	197	15400	160	2840
24	240	120	166	240	100	173	1020	100	233	8360	120	1560
25	260	120	176	340	100	187	1340	100	256	6660	120	891
26	260	140	196	580	140	223	2020	100	279	6940	100	919
27	260	100	184	720	100	240	1920	100	282	7520	100	967
28	260	100	181	1160	120	249	2000	100	301	7260	100	1370
29	---	---	---	1120	120	226	1940	100	309	---	---	---
30	---	---	---	240	100	170	960	100	191	---	---	---
31	---	---	---	200	100	155	---	---	---	---	---	---
MONTH	300	100	161	1160	100	176	2020	100	185	15400	100	503
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	9780	100	1620	13300	120	2450	3680	120	570
2	---	---	---	17100	100	3730	12400	180	2360	3360	100	498
3	---	---	---	19400	100	4750	9780	100	1630	---	---	---
4	---	---	---	11900	100	2280	7220	100	1160	2680	140	474
5	---	---	---	9420	100	1530	9840	100	1620	4620	100	719
6	---	---	---	16400	100	2870	12900	120	2240	4880	120	967
7	---	---	---	23900	200	5410	11600	240	2710	5820	140	911
8	480	100	157	21300	180	6820	8320	200	1440	5940	180	997
9	360	100	145	19000	100	3750	6420	180	648	12800	240	2860
10	280	100	135	15800	100	2490	1060	180	359	12000	240	2660
11	340	100	147	13700	140	3070	1620	140	424	9420	180	1690
12	340	100	161	15600	180	3390	2100	180	420	9700	180	1760
13	460	100	169	16200	240	4580	2560	160	460	9080	160	1580
14	200	100	142	21100	340	7450	4460	140	773	9120	200	1610
15	280	100	151	20200	280	6490	6260	140	1100	9460	160	1830
16	580	100	200	16000	180	3570	11800	120	2370	12700	140	2950
17	400	100	166	16100	180	3380	14800	140	3420	12800	180	2770
18	2060	100	334	18000	160	3810	9980	140	1880	8900	180	2190
19	4420	100	692	18300	160	4130	6080	120	968	9520	180	1990
20	12200	100	2210	18500	120	4040	3680	100	620	8560	180	1590
21	12600	100	2390	16200	140	3480	6020	120	842	12700	240	2720
22	13300	100	2370	15300	160	2850	9780	200	2000	7420	200	1300
23	15600	100	2280	15900	140	3490	9800	200	2000	5220	240	818
24	19700	100	3620	15600	260	3050	2720	180	561	6200	240	868
25	20100	160	4290	12200	200	2540	560	140	244	5700	200	781
26	17000	180	3770	14200	260	3890	460	180	228	7780	200	1000
27	14900	160	2800	14700	260	3650	1660	180	321	10100	200	1700
28	9440	140	1580	5380	240	1070	5940	140	787	12200	200	2160
29	7380	100	1180	6800	180	949	9760	120	1450	10600	200	2140
30	6340	100	925	7200	140	880	13400	120	2160	7980	240	1480
31	---	---	---	5260	100	648	6040	160	970	---	---	---
MONTH	20100	100	1300	23900	100	3410	14800	100	1310	12800	100	1570
YEAR	23900	100	789									

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 the junction of Little River Inlet and at AIW mile 347.3.

PERIOD OF RECORD.--April 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 monitor since April 1986.

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 52,500 microsiemens, Aug. 8, 1987; minimum, 100 or less microsiemens, many days throughout period of record.

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

WATER TEMPERATURE: Maximum, 33.0°C, July 21, 1986, July 21, 1987; minimum, 2.0°C, Dec. 23 - 26, 28, 1989.

DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Jan. 28, 1988; minimum, 1.5 mg/L, Oct. 6, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,600 microsiemens, July 23; minimum, 100 or less microsiemens, many days throughout the year..

WATER TEMPERATURE: Maximum, 31.0°C, July 9 - 13, 24; minimum, 2.0°C, Dec. 23 - 26, 28.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, Dec. 27 - 29; minimum, 1.5 mg/L, Oct. 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3700	200	700	3900	200	800	16800	300	3600	100	100	100
2	500	200	200	11600	200	2300	12200	300	2600	200	100	100
3	300	100	200	6500	200	1500	5800	100	1200	200	100	100
4	---	---	---	9500	200	2000	24900	300	6200	300	100	100
5	2100	200	500	9900	200	2400	20700	300	6300	500	100	100
6	1500	200	300	5300	200	1300	16900	400	7200	3600	100	500
7	2700	200	400	7900	200	1800	8900	300	3600	4700	100	800
8	7400	200	1100	8800	200	2800	20900	200	7200	9000	100	1100
9	4400	200	900	15400	300	4900	20700	200	5100	8400	100	1300
10	2500	100	600	17100	300	5200	12400	100	2600	5100	100	800
11	1400	200	300	25700	400	7500	21600	100	3200	14800	100	2300
12	900	100	300	26100	400	8000	21900	100	3800	7000	100	900
13	600	100	200	33800	400	11100	21200	100	2800	6900	100	1300
14	400	100	200	35100	500	10800	15300	100	1900	2800	100	700
15	---	---	---	32600	400	9600	16200	100	2300	800	100	300
16	---	---	---	15100	300	4500	3200	100	700	600	100	200
17	---	---	---	24600	100	6000	2400	100	500	400	100	100
18	---	---	---	19500	400	4900	1300	100	300	900	100	200
19	200	100	200	10400	300	2700	500	100	200	400	100	100
20	300	100	200	6700	200	2300	500	100	100	3900	100	500
21	300	100	200	10900	200	2800	200	100	100	700	100	200
22	200	100	200	16800	500	6000	100	100	100	300	100	100
23	300	200	200	10000	300	2900	100	100	100	2900	100	500
24	600	200	300	11400	300	4000	200	100	100	2900	100	500
25	2100	200	600	17100	400	5300	2900	100	400	3600	100	500
26	3700	100	700	14200	400	3800	500	100	100	400	100	200
27	1700	200	600	14800	300	3600	500	100	100	5700	100	1100
28	4100	200	700	11600	200	2800	200	100	100	3600	100	800
29	5600	200	1500	13000	300	3000	100	100	100	4000	100	900
30	7500	200	1800	24300	300	4900	200	100	100	2800	100	700
31	7000	200	1100	---	---	---	2600	100	300	2600	100	700
MONTH	7500	100	500	35100	100	4400	24900	100	2000	14800	100	600

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3500	100	700	1100	100	300	3900	100	600	11100	200	4000
2	2600	100	500	800	100	200	5800	100	1000	13900	300	5600
3	1900	100	300	300	100	100	2700	100	500	18200	400	6900
4	4500	100	700	200	100	100	2800	100	700	10100	200	4100
5	2500	100	700	100	100	100	3900	100	1100	7900	100	2800
6	7700	100	1300	200	100	100	2800	100	800	23500	100	5500
7	6000	100	900	100	100	100	7100	100	1100	23200	300	7100
8	7100	100	1400	400	100	100	5300	100	1300	14500	100	4000
9	5300	100	1000	400	100	100	2500	100	700	19500	100	4300
10	3300	100	800	200	100	100	2700	100	400	13200	200	4900
11	8800	100	1900	500	100	200	700	100	200	19500	100	3900
12	3100	100	800	600	100	200	1500	100	300	26500	200	4900
13	1400	100	500	300	100	100	2200	100	300	19200	200	4400
14	900	100	300	1200	100	300	1400	100	300	12400	100	2200
15	1000	100	400	700	100	200	1900	100	300	18500	200	4600
16	2000	100	300	600	100	200	2300	100	300	14000	200	3600
17	1900	100	300	400	100	100	3200	100	600	11000	100	2300
18	10800	100	1900	1000	100	100	2100	100	500	7900	100	2200
19	5100	100	1000	2300	100	600	6500	100	1400	10600	100	3300
20	6400	100	1100	5100	100	1100	1600	100	500	13200	100	3900
21	4700	100	900	3500	100	1100	2300	100	700	23300	100	5200
22	4400	100	500	7300	100	1900	16300	100	3000	37500	300	11500
23	2700	100	400	3800	100	1000	13400	200	3900	46400	1300	18600
24	300	100	100	7500	100	2200	21400	100	4200	41100	600	17500
25	4400	100	700	11100	100	3700	23200	100	4600	38500	400	12700
26	6500	100	1300	22100	100	4800	27300	100	5700	40500	400	13000
27	3400	100	900	22700	200	5400	30000	100	5800	35500	400	11800
28	1500	100	400	29700	200	5700	23900	200	6100	37200	1000	15300
29	---	---	---	14300	100	4600	26200	100	4600	29800	200	7700
30	---	---	---	6500	100	800	21700	100	3700	8900	200	2900
31	---	---	---	9400	100	1200	---	---	---	18600	300	5900
MONTH	10800	100	800	29700	100	1200	30000	100	1800	46400	100	6700
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	16200	200	4700	30000	700	14100	33700	600	13200	27800	400	10600
2	6100	100	2000	30800	2300	14000	28800	1800	15800	29500	400	10800
3	11500	100	2700	37200	5800	18000	29400	1300	15900	30100	400	9300
4	11500	100	2600	30800	1800	18400	33200	500	12100	30100	600	8800
5	25300	200	6700	35400	600	13200	36000	1000	14100	31800	1000	12000
6	12800	100	4800	38500	1600	17700	37600	1400	16600	33300	1200	14200
7	13900	100	2300	43200	9600	25200	36000	3400	19800	34000	1000	12800
8	14800	100	2600	38100	7200	27000	28800	1300	16000	29100	700	11600
9	12400	100	2600	40800	3000	21700	19100	600	9100	33100	2000	18000
10	7900	100	1600	39400	1500	18900	17400	600	6800	38900	2200	19000
11	13900	100	2600	35100	4800	20900	19100	700	7400	37400	700	16900
12	18300	200	3400	36400	5700	21900	24800	400	7200	34900	1100	17100
13	25700	100	4900	38300	7600	24600	19000	400	6600	37500	800	16800
14	13100	100	3100	41400	12100	28200	26700	500	8600	35300	900	17100
15	13800	200	4700	38900	10100	26200	31400	400	11400	35700	1300	18300
16	19000	300	7200	37700	2600	21800	34300	900	16000	26100	4500	14600
17	17400	200	6500	38000	1500	20800	37000	2400	20800	15200	2600	8900
18	28200	200	7000	39700	2000	21800	33700	1000	17300	12000	2700	7700
19	32600	200	9400	39500	2100	22000	31500	600	13100	12800	2200	7200
20	42200	400	14400	41800	2300	21700	28300	400	10700	12800	1700	6800
21	40900	800	17900	41700	1900	21800	31500	900	11500	35500	1500	15400
22	43300	800	18300	41400	1800	19700	34000	2400	16700	24000	3100	12600
23	49600	700	18600	40500	3200	21600	31900	4200	17400	21400	1900	10200
24	47200	3600	22700	38700	3800	21300	23800	900	10900	15200	900	6500
25	47000	4400	25700	33600	3900	20000	16800	400	5800	12600	1100	5600
26	38900	5500	24300	38200	8000	24200	19700	400	5000	25700	1900	9500
27	40200	3400	20400	36100	9000	22800	20600	400	6000	31300	500	13500
28	34600	1600	16100	30200	1400	15800	27100	400	9700	30800	2600	16600
29	27900	800	13900	31500	800	13400	28500	500	11600	29300	4900	18100
30	24200	500	11800	23900	600	10700	30700	800	13600	29500	1400	15800
31	---	---	---	21500	400	8400	27200	1200	14100	---	---	---
MONTH	49600	100	9500	43200	400	19900	37600	400	12300	38900	400	12700
YEAR	49600	100	6100									

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	23.5	23.5	23.5	19.0	18.0	18.5	13.5	13.0	13.0	6.0	5.0	5.5
2	24.5	23.5	24.0	19.5	18.0	18.5	13.5	12.0	12.5	6.0	5.0	5.5
3	25.5	24.0	24.5	18.5	18.0	18.5	12.5	11.0	12.0	6.0	5.5	6.0
4	---	---	---	18.5	17.0	18.0	11.5	10.5	11.0	7.0	6.0	6.5
5	24.5	23.5	24.0	18.5	17.0	17.5	11.0	10.0	10.5	7.5	7.0	7.5
6	24.5	23.0	23.5	19.0	17.5	18.0	11.5	10.0	10.5	8.0	7.5	8.0
7	24.5	23.0	23.5	19.5	18.5	18.5	11.0	11.0	11.0	8.5	8.0	8.0
8	23.5	22.5	23.0	19.5	19.0	19.0	11.5	10.0	10.5	9.5	8.5	9.0
9	22.5	21.5	22.0	19.5	19.0	19.5	10.0	8.5	9.5	10.0	9.5	9.5
10	21.5	20.5	21.0	19.0	18.0	18.5	9.0	8.5	9.0	10.5	9.5	10.0
11	21.5	20.5	21.0	18.5	18.0	18.5	9.0	8.5	8.5	10.5	10.0	10.0
12	21.0	20.0	21.0	18.5	17.5	18.0	9.0	8.5	9.0	10.5	10.0	10.0
13	21.0	20.5	21.0	19.0	18.0	18.5	9.5	8.5	8.5	10.0	9.5	10.0
14	21.0	20.5	20.5	---	---	---	8.5	8.0	8.0	9.5	9.0	9.5
15	---	---	---	---	---	---	8.0	7.5	8.0	10.0	9.0	9.5
16	---	---	---	---	---	---	8.0	7.5	8.0	10.5	9.5	10.0
17	---	---	---	18.0	17.0	17.5	7.5	7.0	7.0	10.5	9.5	10.0
18	---	---	---	17.0	16.5	16.5	7.0	6.5	6.5	11.5	10.0	10.5
19	22.5	21.5	22.0	16.5	15.0	15.5	6.5	5.5	6.0	11.0	10.5	11.0
20	21.5	20.0	21.0	15.5	14.5	15.0	6.0	5.5	6.0	11.5	11.0	11.0
21	20.0	18.5	19.5	15.5	14.5	15.0	6.0	5.0	5.5	12.0	11.5	12.0
22	19.0	18.0	18.5	15.0	14.0	14.5	5.5	4.0	5.0	12.5	11.5	12.0
23	18.0	17.0	17.5	14.5	13.5	14.0	4.0	2.0	3.5	12.5	12.0	12.5
24	17.5	16.5	17.5	13.5	12.5	13.5	2.5	2.0	2.0	13.0	12.5	12.5
25	18.0	17.0	17.5	13.0	12.0	13.0	2.5	2.0	2.0	14.0	13.0	13.5
26	18.0	17.0	17.5	13.5	13.0	13.0	3.0	2.0	2.5	14.0	13.0	14.0
27	18.0	17.5	17.5	14.5	13.5	14.0	2.5	2.5	2.5	13.5	12.5	13.0
28	17.5	17.0	17.5	15.0	14.0	14.5	3.0	2.0	2.5	13.5	12.5	13.0
29	18.5	17.0	18.0	15.0	14.0	15.0	3.5	2.5	2.5	14.0	13.0	13.5
30	18.5	18.0	18.0	14.5	13.5	14.0	3.5	3.0	3.0	14.0	13.5	13.5
31	18.5	18.0	18.5	---	---	---	5.0	3.5	4.0	14.0	13.5	13.5
MONTH	25.5	16.5	20.5	19.5	12.0	16.5	13.5	2.0	7.0	14.0	5.0	10.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	14.0	13.0	13.5	14.0	13.0	13.5	18.0	17.0	17.5	25.0	23.0	24.0
2	15.0	14.0	14.0	13.5	12.5	13.0	18.5	17.5	18.0	25.5	24.0	24.5
3	15.5	14.5	15.0	14.0	12.5	13.0	19.5	18.0	18.5	25.5	24.0	25.0
4	15.5	15.0	15.5	14.0	13.0	13.5	18.5	18.0	18.5	26.0	25.0	25.5
5	15.5	14.5	15.0	14.5	13.0	14.0	19.0	18.0	18.5	26.0	25.0	25.5
6	15.0	14.0	14.5	15.0	14.0	14.5	20.0	18.5	19.0	25.0	24.0	24.5
7	15.5	14.5	15.0	15.0	14.0	14.5	20.0	18.5	19.5	25.0	23.5	24.5
8	16.0	14.5	15.5	14.0	13.5	14.0	19.5	18.5	19.0	25.0	23.5	24.5
9	16.0	15.5	15.5	14.5	14.0	14.0	19.0	18.5	19.0	24.5	23.5	24.0
10	16.5	16.0	16.0	15.5	14.0	14.5	20.0	18.5	19.5	25.0	23.5	24.0
11	16.5	15.5	16.0	16.5	15.0	15.5	20.0	19.0	19.5	25.0	23.5	24.0
12	16.5	15.5	16.0	17.5	16.0	16.5	19.5	18.5	19.0	25.0	23.5	24.0
13	16.5	15.5	16.0	18.5	16.5	17.5	19.0	18.0	18.5	25.0	23.5	24.5
14	17.0	15.5	16.0	19.0	17.5	18.0	19.0	18.0	18.5	26.0	24.0	25.0
15	17.0	16.0	16.5	20.0	18.0	19.0	19.5	18.0	19.0	26.5	25.0	25.5
16	18.0	16.5	17.0	20.5	19.0	20.0	20.0	18.5	19.5	27.0	25.0	26.0
17	18.5	17.0	17.5	21.5	20.0	20.5	20.5	19.5	20.0	27.0	26.0	26.5
18	17.5	16.5	16.5	21.5	20.0	21.0	20.0	18.5	19.5	27.0	26.0	26.5
19	16.5	16.0	16.5	21.0	20.0	20.5	19.5	18.0	19.0	26.5	25.5	26.0
20	16.0	15.5	16.0	20.5	19.5	20.0	20.0	18.5	19.0	26.5	25.5	26.0
21	15.5	14.5	15.5	19.5	18.5	19.0	21.0	19.5	20.0	26.5	26.0	26.5
22	16.0	15.0	15.5	19.0	17.5	18.5	21.5	20.5	21.0	27.5	25.5	26.5
23	16.0	16.0	16.0	19.5	18.0	19.0	22.0	20.5	21.5	26.5	24.0	25.5
24	16.0	15.0	15.5	20.0	18.5	19.5	22.0	21.0	21.5	26.5	24.5	25.5
25	15.0	14.0	14.5	20.5	19.0	19.5	23.0	21.0	22.0	26.5	24.5	25.5
26	14.0	12.5	13.5	20.0	18.5	19.0	23.0	21.5	22.0	26.5	25.0	25.5
27	14.0	13.0	13.5	19.5	18.0	18.5	23.5	22.0	22.5	27.0	25.5	26.0
28	14.5	13.0	13.5	18.0	17.0	18.0	23.5	22.5	23.0	26.0	25.0	25.5
29	---	---	---	18.0	17.0	17.5	23.5	22.5	23.0	26.5	25.0	25.5
30	---	---	---	17.5	17.0	17.0	24.5	22.5	23.5	26.0	25.0	25.5
31	---	---	---	17.5	17.0	17.0	---	---	---	26.0	25.0	25.5
MONTH	18.5	12.5	15.5	21.5	12.5	17.0	24.5	17.0	20.0	27.5	23.0	25.5

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	4.1	2.9	3.4	7.4	5.6	6.5	---	---	---	10.8	10.5	10.7
2	4.0	2.8	3.7	7.9	5.2	6.7	---	---	---	10.6	10.4	10.5
3	3.8	2.3	3.2	7.5	5.5	6.7	---	---	---	10.5	10.2	10.4
4	---	---	---	---	---	---	---	---	---	10.3	10.1	10.2
5	3.0	2.1	2.4	7.4	5.3	6.4	---	---	---	10.2	10.0	10.1
6	2.5	1.5	2.1	7.0	5.2	6.1	---	---	---	10.2	9.9	10.1
7	2.8	2.0	2.3	7.0	5.1	5.7	---	---	---	10.1	9.9	10.0
8	3.7	2.3	3.3	7.0	5.4	6.1	---	---	---	10.2	9.8	10.0
9	---	---	---	7.2	5.6	6.4	10.0	9.4	9.7	9.9	9.6	9.8
10	4.1	3.3	3.7	7.7	5.7	6.7	9.8	9.5	9.7	9.8	9.5	9.7
11	4.0	3.4	3.8	7.8	6.0	6.9	9.8	9.4	9.6	9.7	9.4	9.5
12	4.0	3.4	3.8	8.3	6.1	7.2	9.7	9.5	9.6	9.7	9.2	9.4
13	3.8	3.2	3.6	8.2	6.2	7.0	9.7	9.3	9.5	9.5	9.1	9.3
14	3.7	2.9	3.4	9.0	6.0	7.3	9.5	9.2	9.4	9.3	9.1	9.2
15	3.6	2.9	3.2	8.3	5.8	6.9	9.6	9.2	9.4	9.1	8.6	8.9
16	---	---	---	---	---	---	9.6	9.2	9.4	8.8	8.5	8.6
17	---	---	---	---	---	---	9.6	9.2	9.4	8.7	8.5	8.6
18	---	---	---	---	---	---	9.6	9.1	9.4	8.7	8.4	8.5
19	3.8	2.4	3.1	---	---	---	9.8	9.3	9.6	8.6	8.4	8.5
20	4.5	3.1	3.8	---	---	---	10.1	9.6	9.8	8.8	8.4	8.6
21	4.5	3.4	3.9	---	---	---	10.1	9.8	10.0	8.7	8.3	8.5
22	4.5	3.2	3.8	---	---	---	10.5	9.9	10.2	8.4	8.1	8.2
23	4.2	3.5	3.9	---	---	---	10.9	10.4	10.7	8.4	8.2	8.3
24	4.6	3.8	4.1	---	---	---	11.0	10.7	10.9	8.4	8.1	8.2
25	5.1	4.1	4.6	---	---	---	11.0	10.6	10.8	8.3	8.0	8.2
26	6.3	4.8	5.3	---	---	---	11.0	10.7	10.9	8.5	8.0	8.2
27	7.7	5.0	6.5	---	---	---	11.1	10.7	10.9	8.4	8.0	8.2
28	8.3	6.1	6.7	---	---	---	11.1	10.8	11.0	8.5	8.1	8.2
29	8.3	5.6	6.8	---	---	---	11.1	10.7	10.9	8.3	7.8	8.1
30	8.5	6.1	7.1	---	---	---	11.0	10.6	10.8	8.2	7.6	7.9
31	7.5	5.9	6.7	---	---	---	10.8	10.6	10.7	7.9	7.6	7.8
MONTH	8.5	1.5	4.2	9.0	5.1	6.6	11.1	9.1	10.1	10.8	7.6	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	7.9	7.3	7.7	8.6	8.1	8.4	7.7	7.1	7.5	6.6	6.0	6.4
2	7.7	7.1	7.4	8.7	8.5	8.6	7.5	6.5	7.2	6.3	6.1	6.2
3	7.4	7.0	7.2	8.6	8.1	8.4	7.1	6.3	6.7	6.3	6.0	6.2
4	7.6	7.2	7.4	8.4	8.1	8.3	6.8	6.3	6.6	6.2	5.9	6.0
5	7.7	7.4	7.6	8.2	7.6	8.0	6.8	6.1	6.6	6.3	5.9	6.1
6	7.8	7.3	7.5	7.8	7.4	7.6	7.0	6.6	6.8	6.4	6.0	6.2
7	7.5	6.9	7.3	8.4	7.7	8.1	7.3	6.5	7.0	6.3	5.9	6.2
8	7.4	6.7	7.1	8.5	8.1	8.3	7.2	6.7	7.0	6.6	6.1	6.3
9	7.1	6.8	7.0	8.1	7.6	7.8	7.1	6.6	6.9	6.4	6.1	6.2
10	7.5	6.8	7.2	8.1	7.6	7.9	7.2	6.7	6.9	6.5	6.0	6.3
11	7.5	7.0	7.3	8.0	7.8	7.9	7.2	6.8	7.0	6.6	6.1	6.4
12	7.4	6.9	7.2	7.9	7.5	7.7	7.0	6.5	6.8	6.6	6.2	6.4
13	7.2	6.6	6.9	7.6	7.2	7.5	6.8	6.3	6.5	6.7	6.3	6.5
14	6.9	6.3	6.7	7.4	7.0	7.2	6.8	6.5	6.7	6.5	6.2	6.3
15	6.8	6.5	6.7	7.1	6.5	7.0	6.7	6.3	6.5	6.3	6.1	6.2
16	7.1	6.6	6.8	6.9	6.5	6.7	6.5	6.1	6.3	6.3	5.9	6.1
17	7.1	6.6	6.9	6.9	6.4	6.7	6.4	5.8	6.2	6.4	6.0	6.2
18	7.3	6.9	7.1	6.9	6.4	6.7	6.9	6.3	6.7	6.4	6.1	6.3
19	7.3	6.8	7.1	6.7	6.2	6.5	7.1	6.7	7.0	6.5	6.1	6.3
20	7.3	7.0	7.2	7.1	6.4	6.6	7.3	7.0	7.2	6.7	6.2	6.5
21	7.6	6.8	7.4	6.9	6.5	6.7	7.2	6.7	7.0	6.8	6.4	6.6
22	7.9	7.3	7.6	6.9	6.7	6.8	7.1	6.7	6.9	6.8	6.2	6.5
23	7.8	7.3	7.6	6.9	6.5	6.8	7.0	6.7	6.9	7.5	6.3	6.7
24	8.3	7.7	8.0	7.3	6.5	6.9	7.1	6.4	6.8	7.1	6.4	6.7
25	8.3	8.0	8.2	7.3	6.9	7.1	7.0	6.5	6.7	7.2	6.4	6.8
26	8.6	8.1	8.4	7.7	6.9	7.3	7.1	6.4	6.7	7.4	6.7	7.0
27	8.4	7.9	8.2	8.0	7.2	7.5	6.8	6.4	6.6	7.2	6.6	6.9
28	8.2	7.8	8.1	8.6	7.3	7.7	6.7	6.2	6.4	6.8	6.4	6.7
29	---	---	---	8.1	7.7	7.9	6.6	6.1	6.4	6.9	6.0	6.7
30	---	---	---	8.1	7.6	7.9	6.5	6.2	6.3	6.9	6.3	6.7
31	---	---	---	8.0	7.6	7.8	---	---	---	6.8	6.1	6.5
MONTH	8.6	6.3	7.4	8.7	6.2	7.5	7.7	5.8	6.8	7.5	5.9	6.4

WACCAMAW RIVER BASIN

49

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

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

PERIOD OF RECORD.--October 1983 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to current year.

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

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

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

DISSOLVED OXYGEN: Maximum, 11.2 mg/L, Dec. 25, 1989; minimum, 0.2 mg/L, Oct. 21, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 140 microsiemens, July 8; minimum, 70 microsiemens, many days throughout the year.

WATER TEMPERATURE: Maximum, 32.0°C, July 1, 10 - 13; minimum, 0.5°C, Dec. 26 - 28.

DISSOLVED OXYGEN: Maximum, 11.2 mg/L, Dec. 25; minimum, 0.2 mg/L, Oct. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

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

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	80	70	74	90	80	89	90	80	87
2	90	80	80	80	70	74	90	80	87	90	77	81
3	90	80	82	80	70	74	90	80	87	85	77	80
4	90	80	81	80	70	75	100	80	91	88	79	81
5	90	80	83	80	70	73	110	90	99	85	79	81
6	90	80	84	80	70	74	100	80	84	88	79	81
7	90	80	84	80	70	75	90	80	82	92	82	85
8	90	80	84	80	70	75	90	80	83	92	82	86
9	90	80	86	80	70	75	90	80	81	88	83	85
10	90	80	86	90	70	79	90	80	83	89	84	87
11	90	80	84	90	70	80	90	80	82	87	84	85
12	90	80	84	90	80	81	90	80	83	86	84	85
13	90	80	85	90	80	85	90	80	81	86	85	86
14	90	80	85	90	80	85	90	80	82	86	85	86
15	90	80	85	90	80	84	90	80	82	87	84	85
16	90	80	86	90	80	84	90	80	82	87	84	85
17	90	80	85	90	80	86	90	80	81	87	85	86
18	90	80	87	90	80	85	90	80	83	87	85	86
19	90	80	87	90	80	88	90	80	80	88	86	86
20	90	80	87	90	80	88	90	80	82	88	86	87
21	90	80	85	90	80	85	90	80	84	88	86	87
22	90	80	85	100	80	89	90	80	81	88	86	87
23	90	80	83	100	80	90	90	80	83	90	86	87
24	90	80	84	90	80	89	90	80	83	90	87	88
25	90	80	86	100	90	92	90	80	82	92	86	88
26	90	70	83	110	90	96	90	80	85	94	86	89
27	90	70	82	110	80	93	90	70	84	97	84	90
28	80	70	76	90	80	88	90	80	87	96	78	89
29	---	---	---	90	80	87	90	80	88	89	74	80
30	---	---	---	90	80	88	90	80	87	79	75	76
31	---	---	---	90	80	87	---	---	---	83	76	79
MONTH	90	70	84	110	70	83	110	70	84	97	74	85
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	87	79	83	111	99	104	106	102	104	116	109	111
2	85	83	84	117	102	106	109	102	104	115	110	112
3	89	84	86	123	108	113	110	102	105	115	110	112
4	91	83	86	122	110	116	108	102	104	111	108	110
5	90	82	86	120	107	114	109	101	104	109	107	108
6	86	82	84	117	108	112	107	102	105	109	106	108
7	89	82	84	120	111	114	108	97	103	109	107	108
8	87	82	84	140	113	120	102	92	95	111	107	109
9	86	81	83	124	113	118	100	89	92	112	108	109
10	87	82	83	122	111	116	91	88	90	111	108	109
11	84	82	83	119	112	115	94	89	91	112	108	110
12	85	83	83	119	112	116	98	89	91	112	108	110
13	85	83	84	120	113	117	106	90	94	112	100	110
14	86	84	85	124	114	118	109	93	97	111	109	110
15	93	84	87	125	112	118	110	96	100	115	109	111
16	96	87	91	122	111	117	119	99	104	117	111	112
17	98	91	94	120	111	116	124	103	109	120	112	115
18	100	92	94	121	111	115	124	106	113	123	114	118
19	99	93	95	121	112	117	125	110	116	121	114	117
20	99	94	95	121	115	118	124	109	115	120	114	116
21	101	95	97	119	115	118	116	100	110	117	113	115
22	102	95	97	118	109	114	112	107	109	117	114	116
23	103	95	98	113	111	112	112	100	108	121	113	116
24	104	95	99	112	100	110	108	103	105	128	114	119
25	109	98	102	107	104	105	109	103	105	127	115	120
26	105	100	103	105	103	104	111	105	107	124	117	121
27	109	99	103	106	101	104	112	100	107	123	116	120
28	106	99	102	107	101	103	111	100	108	126	118	121
29	106	98	102	111	100	104	110	108	109	130	120	124
30	108	99	102	110	102	105	111	109	110	137	123	127
31	---	---	---	106	102	104	113	109	110	---	---	---
MONTH	109	79	91	140	99	112	125	88	104	137	100	114
YEAR	140	70	93									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	20.5	20.5	20.5	17.5	17.0	17.5	12.0	11.5	12.0	5.0	3.5	4.5
2	21.0	20.5	20.5	17.5	17.5	17.5	12.0	11.0	11.5	5.0	4.5	5.0
3	21.5	20.5	21.0	17.5	17.0	17.5	11.5	9.5	11.0	5.0	4.5	5.0
4	21.5	20.5	21.5	17.0	16.0	16.5	10.5	9.5	10.0	6.0	5.0	5.5
5	21.0	20.0	20.5	17.0	16.0	16.5	10.0	9.0	9.5	6.5	5.5	6.0
6	20.0	19.5	20.0	17.0	16.0	16.5	10.5	9.0	9.5	7.5	6.5	7.0
7	20.5	20.0	20.0	17.5	16.5	17.0	10.0	9.5	10.0	7.5	7.5	7.5
8	20.5	19.5	20.0	18.0	17.0	17.5	10.0	9.0	9.5	9.0	7.5	8.0
9	19.5	18.5	19.0	18.5	17.0	18.0	9.0	8.0	8.5	9.0	8.5	9.0
10	18.5	17.0	17.5	17.5	16.5	17.0	8.0	7.5	7.5	9.5	8.5	9.0
11	19.0	17.0	18.0	17.0	16.5	16.5	7.5	7.0	7.5	9.5	8.5	9.0
12	19.0	18.0	18.5	17.0	15.5	16.5	8.0	7.0	7.5	9.5	9.0	9.5
13	19.0	18.5	19.0	17.0	16.0	16.5	8.0	7.5	8.0	9.0	8.5	9.0
14	19.5	19.0	19.0	17.5	16.0	16.5	7.5	6.5	7.0	8.5	7.5	8.0
15	19.5	19.0	19.5	17.5	17.0	17.5	7.0	6.0	6.5	8.5	7.5	8.0
16	20.0	19.5	20.0	18.0	15.5	17.5	7.0	6.0	6.5	8.5	8.0	8.5
17	20.5	20.0	20.0	16.5	15.0	16.0	6.0	5.5	6.0	9.0	8.0	9.0
18	20.5	20.5	20.5	15.5	14.5	15.0	5.5	5.0	5.5	9.5	9.0	9.5
19	21.0	20.5	20.5	14.5	13.5	14.0	5.0	4.5	5.0	10.0	9.5	10.0
20	20.5	18.0	19.5	13.5	13.0	13.5	5.0	4.5	4.5	10.5	9.5	10.0
21	17.5	15.5	16.5	---	---	---	4.5	4.0	4.5	11.5	10.5	11.0
22	15.5	15.0	15.5	14.5	13.5	14.0	4.0	3.0	3.5	11.5	11.0	11.5
23	15.5	14.5	15.0	14.0	13.5	13.5	3.0	1.5	2.5	---	---	---
24	15.5	15.0	15.0	13.5	12.0	12.5	1.5	1.0	1.5	---	---	---
25	15.5	15.0	15.5	12.5	11.5	12.0	1.0	1.0	1.0	---	---	---
26	16.0	15.0	15.5	12.5	11.0	12.0	1.0	.5	1.0	---	---	---
27	16.5	15.5	16.0	13.0	11.5	12.0	1.0	.5	1.0	---	---	---
28	16.0	15.5	16.0	13.5	12.0	13.0	1.0	.5	1.0	---	---	---
29	16.5	15.5	16.0	13.5	12.5	13.5	1.5	1.0	1.5	---	---	---
30	17.0	16.5	16.5	13.0	12.0	12.5	2.0	1.0	2.0	---	---	---
31	17.5	17.0	17.0	---	---	---	4.0	2.0	3.0	---	---	---
MONTH	21.5	14.5	18.5	18.5	11.0	15.5	12.0	.5	6.0	11.5	3.5	8.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	12.5	12.0	12.5	17.0	16.5	16.5	23.0	22.5	23.0
2	13.5	13.0	13.5	12.5	12.5	12.5	17.5	17.0	17.0	25.0	23.5	24.0
3	14.0	13.5	14.0	13.0	12.5	12.5	18.0	17.5	18.0	25.5	24.5	25.0
4	15.0	14.0	14.5	13.5	13.0	13.0	18.0	18.0	18.0	26.0	25.0	25.5
5	15.0	14.5	15.0	13.5	13.0	13.5	18.0	18.0	18.0	25.5	25.0	25.5
6	14.5	14.0	14.5	14.0	13.5	13.5	18.5	18.0	18.0	25.0	24.5	25.0
7	14.5	14.0	14.5	14.0	14.0	14.0	19.0	18.0	18.5	24.5	23.5	24.0
8	15.0	14.5	14.5	14.0	13.5	14.0	19.0	18.5	18.5	24.0	23.5	24.0
9	15.5	14.5	15.0	13.5	13.5	13.5	18.5	18.0	18.5	24.0	23.0	23.5
10	16.0	15.0	15.5	14.5	13.5	14.0	18.5	18.0	18.5	24.0	22.5	23.5
11	16.0	15.5	15.5	15.5	14.5	15.0	19.0	18.5	18.5	24.0	23.0	23.5
12	15.5	15.0	15.5	16.5	15.5	16.0	19.0	18.5	18.5	23.5	22.5	23.0
13	15.0	15.0	15.0	17.5	16.5	17.0	18.5	18.5	18.5	23.5	22.5	23.0
14	15.5	15.0	15.0	18.0	17.0	17.5	18.5	18.0	18.5	24.0	23.0	23.5
15	15.5	15.0	15.5	18.5	17.5	18.0	18.5	17.5	18.5	24.5	23.0	24.0
16	16.0	15.5	15.5	19.0	18.5	18.5	19.0	18.5	18.5	24.5	23.5	24.0
17	16.5	16.0	16.5	19.5	19.0	19.5	19.5	19.0	19.0	25.0	24.0	24.5
18	16.5	15.5	16.0	20.0	19.5	19.5	19.5	19.0	19.5	25.5	24.5	25.0
19	15.5	15.5	15.5	20.0	19.5	19.5	19.5	19.0	19.0	25.5	24.5	25.0
20	15.5	15.0	15.5	19.5	19.0	19.5	19.5	19.0	19.0	25.5	24.5	25.0
21	15.0	14.5	15.0	19.0	18.0	18.5	20.0	19.0	19.5	26.0	25.0	25.5
22	15.0	14.5	14.5	18.0	17.5	18.0	20.5	20.0	20.0	26.0	25.0	25.5
23	15.0	15.0	15.0	17.5	17.0	17.5	21.0	20.0	20.5	25.0	24.5	25.0
24	15.0	15.0	15.0	17.5	17.5	17.5	20.5	20.0	20.5	24.5	24.0	24.5
25	15.0	14.5	14.5	18.0	17.5	17.5	21.0	20.0	20.5	24.5	23.5	24.0
26	14.0	12.5	13.5	18.0	17.5	18.0	21.5	20.5	21.0	24.5	24.0	24.5
27	13.0	12.0	12.5	17.5	17.0	17.5	22.0	21.0	21.5	25.0	24.5	24.5
28	12.5	12.0	12.0	17.5	16.5	17.0	22.0	21.5	22.0	25.0	24.5	25.0
29	---	---	---	16.5	16.5	16.5	22.0	21.5	22.0	25.0	24.5	24.5
30	---	---	---	16.5	16.0	16.5	22.5	22.0	22.5	25.0	24.0	24.5
31	---	---	---	16.5	16.0	16.5	---	---	---	25.5	24.5	25.0
MONTH	16.5	12.0	15.0	20.0	12.0	16.5	22.5	16.5	19.0	26.0	22.5	24.5

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.8	.9	1.4	3.7	2.7	3.1	8.5	7.0	7.6	10.2	9.8	10.0
2	2.2	1.0	1.9	4.4	2.7	3.4	8.5	7.1	7.6	9.9	9.8	9.8
3	1.9	.9	1.3	4.3	3.4	3.8	8.2	7.5	7.8	9.9	9.6	9.8
4	1.1	.8	1.0	4.4	3.2	3.7	9.3	7.9	8.4	9.9	9.6	9.7
5	1.3	.9	1.1	4.6	3.4	3.9	9.0	7.8	8.5	9.7	9.2	9.5
6	1.6	.9	1.4	4.4	3.4	3.9	8.9	8.0	8.4	9.4	9.1	9.2
7	1.8	1.0	1.5	4.7	3.4	3.8	8.5	7.8	8.2	9.3	8.9	9.1
8	2.1	1.3	1.8	4.8	3.4	3.9	9.3	8.0	8.8	9.4	8.9	9.0
9	2.7	1.6	2.3	5.2	3.7	4.5	9.5	8.5	9.0	8.9	8.7	8.8
10	2.8	2.4	2.6	4.7	3.9	4.2	9.3	8.8	8.9	8.7	8.3	8.5
11	2.7	2.3	2.5	4.8	4.0	4.3	9.1	8.6	8.8	9.0	8.0	8.3
12	2.4	2.1	2.2	5.2	4.2	4.5	9.0	8.6	8.7	8.3	8.0	8.1
13	2.2	1.9	2.1	6.1	4.3	4.8	8.9	8.4	8.5	8.3	8.0	8.1
14	2.7	2.0	2.2	6.1	4.3	4.9	8.8	8.4	8.5	8.3	8.0	8.2
15	2.8	2.2	2.5	6.0	4.2	4.9	9.0	8.4	8.7	8.3	8.2	8.2
16	2.6	2.1	2.4	5.1	4.4	4.7	8.9	8.6	8.7	8.2	7.9	8.0
17	2.2	1.7	2.0	5.8	4.1	4.9	9.0	8.6	8.8	8.0	7.9	7.9
18	1.8	.5	1.0	6.2	4.6	5.1	9.2	8.8	9.0	8.0	7.7	7.9
19	1.2	.3	.4	6.0	5.1	5.3	9.5	9.2	9.3	7.9	7.7	7.8
20	.6	.3	.3	6.4	5.2	5.8	9.7	9.4	9.6	8.4	7.6	7.9
21	.8	.2	.6	---	---	---	9.8	9.6	9.6	8.0	7.6	7.8
22	1.4	.8	1.2	7.3	5.8	6.4	10.2	9.6	10.0	8.8	7.8	8.2
23	1.7	1.4	1.5	6.5	5.8	6.2	10.6	10.0	10.3	---	---	---
24	2.2	1.7	1.9	7.4	6.0	6.5	10.8	10.3	10.6	---	---	---
25	3.5	2.1	2.4	8.1	6.5	7.1	11.2	10.4	10.8	---	---	---
26	3.7	2.6	3.1	8.5	6.7	7.3	10.9	10.6	10.7	---	---	---
27	3.9	2.9	3.3	8.4	6.5	7.2	11.0	10.6	10.8	---	---	---
28	4.2	3.2	3.5	8.7	6.5	7.1	10.9	10.4	10.7	---	---	---
29	4.6	3.1	3.7	8.2	6.4	6.9	10.5	10.2	10.4	---	---	---
30	4.6	3.5	4.1	8.6	6.7	7.4	10.3	10.2	10.2	---	---	---
31	4.3	3.3	3.8	---	---	---	10.4	10.0	10.2	---	---	---
MONTH	4.6	.2	2.0	8.7	2.7	5.2	11.2	7.0	9.2	10.2	7.6	8.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	7.4	7.2	7.3	5.8	4.6	5.2	5.1	4.1	4.6
2	8.3	7.1	7.5	7.5	7.1	7.3	5.8	4.3	4.9	4.9	4.2	4.5
3	7.9	6.8	7.1	7.2	7.0	7.1	5.2	4.2	4.5	4.6	4.1	4.4
4	8.0	6.8	7.2	7.2	6.9	7.0	5.5	4.2	4.6	5.0	3.9	4.3
5	7.4	6.7	7.1	7.3	6.9	7.0	5.6	4.6	4.8	5.3	4.1	4.5
6	7.9	6.9	7.3	7.2	7.0	7.1	5.5	4.7	5.0	6.0	4.2	4.7
7	7.8	6.9	7.2	7.4	6.9	7.1	5.6	4.9	5.2	6.3	4.7	5.3
8	7.7	6.7	7.2	7.4	7.1	7.3	5.7	5.0	5.3	6.6	4.9	5.4
9	7.7	6.7	7.1	7.3	7.0	7.2	5.7	5.1	5.4	6.8	4.8	5.6
10	7.7	6.6	7.1	7.2	6.5	6.8	5.7	5.1	5.4	6.9	5.5	6.2
11	7.4	6.3	6.9	7.0	6.4	6.7	5.7	5.1	5.3	6.6	5.3	5.7
12	7.4	6.5	6.9	7.2	6.4	6.6	5.4	5.2	5.3	6.7	5.5	6.1
13	7.3	6.4	6.8	6.8	5.9	6.2	5.6	5.2	5.3	6.8	5.9	6.4
14	7.3	6.4	6.7	6.7	5.7	6.1	5.7	5.1	5.3	6.6	5.6	6.1
15	7.2	6.4	6.7	6.7	5.7	6.1	5.4	4.9	5.1	6.5	5.8	6.2
16	7.3	6.5	6.9	6.4	5.6	6.0	5.3	4.9	5.0	6.6	5.7	6.2
17	7.2	6.3	6.7	6.1	5.5	5.9	5.3	4.8	4.9	6.4	5.6	6.1
18	7.1	6.4	6.9	5.9	5.2	5.6	5.5	5.0	5.3	6.1	5.5	5.9
19	6.8	6.3	6.7	5.7	5.1	5.5	5.9	5.3	5.7	6.0	5.4	5.7
20	6.7	6.1	6.5	5.9	4.9	5.4	5.5	5.3	5.4	5.9	5.4	5.6
21	6.9	6.6	6.8	5.6	4.9	5.4	5.6	5.1	5.3	5.7	5.2	5.5
22	7.0	6.7	6.9	6.0	5.2	5.7	6.1	5.2	5.4	5.8	5.0	5.4
23	6.9	6.6	6.8	6.2	5.4	5.9	6.3	5.1	5.5	6.0	5.2	5.8
24	6.9	6.4	6.7	6.5	5.4	6.1	6.5	4.6	5.3	5.7	5.3	5.5
25	7.0	6.5	6.8	6.5	5.8	6.2	6.3	4.9	5.2	5.5	5.0	5.3
26	7.2	6.8	7.0	6.4	5.7	6.1	6.0	4.7	5.0	5.3	4.8	5.1
27	7.2	7.0	7.1	6.2	5.8	6.1	5.8	4.6	5.0	5.2	4.7	5.0
28	7.3	7.1	7.2	6.2	5.9	6.0	5.5	4.6	5.1	5.2	4.9	5.0
29	---	---	---	6.3	5.8	6.1	5.9	4.7	5.2	5.2	4.2	4.7
30	---	---	---	6.1	5.3	5.8	5.5	4.4	4.9	4.6	3.9	4.2
31	---	---	---	5.9	5.1	5.5	---	---	---	4.7	3.6	4.0
MONTH	8.3	6.1	7.0	7.5	4.9	6.3	6.5	4.2	5.2	6.9	3.6	5.3

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC

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

PERIOD OF RECORD.--May 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 monitor since May 1986.

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 29,900 microsiemens, Sept. 22, 1989; minimum, 100 or less microsiemens, many days in 1987.

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

WATER TEMPERATURE: Maximum, 32.5°C, July 10, 1990; minimum, 1.0°C, Dec. 25, 26, 1989.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 14, 19, 1988; minimum, 1.0 mg/L, Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 24,700 microsiemens, July 8; minimum, 100 or less microsiemens, many days.

WATER TEMPERATURE: Maximum, 32.5°C, July 10; minimum, 1.0°C, Dec. 25, 26.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Dec. 26; minimum, 1.0 mg/L, Oct. 5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	200	100	167	200	100	142	---	---	---	200	100	108
2	200	100	160	500	100	158	---	---	---	200	100	104
3	200	100	165	400	100	158	---	---	---	200	100	121
4	200	100	148	200	100	117	---	---	---	200	100	117
5	500	100	187	200	100	131	---	---	---	200	100	144
6	600	100	173	300	100	165	200	100	148	200	100	127
7	1700	100	273	200	100	146	200	100	158	200	100	108
8	800	100	142	200	100	133	200	100	140	200	100	121
9	300	100	154	300	100	142	200	100	112	200	100	140
10	200	100	112	200	100	125	200	100	125	200	100	123
11	200	100	144	300	100	154	200	100	123	200	100	112
12	200	100	144	500	100	175	200	100	140	200	100	117
13	200	100	129	1100	100	285	200	100	127	200	100	123
14	200	100	121	600	100	173	200	100	123	200	100	110
15	200	100	121	200	100	129	200	100	121	200	100	125
16	200	100	133	200	100	140	200	100	112	200	100	133
17	200	100	129	300	100	135	200	100	104	200	100	142
18	200	100	121	200	100	133	200	100	104	200	100	133
19	200	100	125	200	100	117	100	100	100	200	100	121
20	200	100	129	200	100	162	200	100	108	200	100	133
21	200	100	108	200	100	146	200	100	108	200	100	133
22	200	100	117	200	100	142	200	100	104	200	100	131
23	200	100	112	200	100	158	100	100	100	200	100	125
24	200	100	133	---	---	---	200	100	108	200	100	133
25	200	100	117	---	---	---	100	100	100	200	100	142
26	200	100	121	---	---	---	200	100	117	200	100	140
27	200	100	137	---	---	---	200	100	112	200	100	125
28	200	100	112	---	---	---	200	100	129	200	100	129
29	300	100	129	---	---	---	200	100	125	200	100	129
30	400	100	133	---	---	---	200	100	129	200	100	140
31	400	100	137	---	---	---	200	100	108	200	100	140
MONTH	1700	100	140	1100	100	151	200	100	119	200	100	127

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	200	100	125	200	100	133	200	100	171	100	100	100
2	200	100	133	200	100	104	300	100	140	100	100	100
3	200	100	144	300	100	154	200	100	140	100	100	100
4	200	100	150	200	100	121	200	100	137	100	100	100
5	200	100	119	200	100	137	200	100	131	100	100	100
6	200	100	133	200	100	125	300	100	146	100	100	100
7	200	100	133	200	100	108	200	100	146	100	100	100
8	200	100	121	200	100	112	200	100	135	100	100	100
9	200	100	135	200	100	119	200	100	119	100	100	100
10	200	100	123	200	100	127	200	100	125	100	100	100
11	200	100	140	200	100	121	200	100	133	100	100	100
12	200	100	144	200	100	129	200	100	135	100	100	100
13	200	100	121	200	100	117	200	100	131	100	100	100
14	200	100	133	200	100	119	200	100	121	100	100	100
15	200	100	152	200	100	129	200	100	133	100	100	100
16	200	100	140	200	100	135	200	100	117	100	100	100
17	200	100	129	300	100	158	200	100	112	100	100	100
18	200	100	129	200	100	146	100	100	100	200	100	104
19	200	100	148	200	100	133	100	100	100	200	100	104
20	200	100	131	200	100	121	100	100	100	100	100	100
21	200	100	129	200	100	146	100	100	100	100	100	100
22	200	100	125	200	100	137	200	100	104	200	100	104
23	200	100	125	200	100	129	100	100	100	1600	100	177
24	200	100	152	200	100	137	100	100	100	300	100	127
25	200	100	123	300	100	140	100	100	100	100	100	100
26	200	100	112	200	100	142	100	100	100	100	100	100
27	200	100	115	300	100	146	100	100	100	100	100	100
28	200	100	119	200	100	175	200	100	104	100	100	100
29	---	---	---	300	100	198	100	100	100	200	100	142
30	---	---	---	200	100	135	100	100	100	100	100	100
31	---	---	---	200	100	179	---	---	---	100	100	100
MONTH	200	100	132	300	100	136	300	100	119	1600	100	105
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	200	100	108	200	100	104	15800	300	3200	5200	100	1090
2	300	100	112	9500	100	1430	15100	300	3920	3500	100	760
3	200	100	125	21200	200	3920	17600	300	4520	400	100	204
4	200	100	121	19100	500	6300	21500	400	6970	1000	100	187

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	22.0	22.5	17.5	17.0	17.5	---	---	---	6.0	5.0	5.5
2	23.0	22.0	22.5	18.0	17.5	17.5	---	---	---	6.0	5.0	5.5
3	23.5	22.5	23.0	18.0	17.0	17.5	---	---	---	6.0	5.5	6.0
4	23.0	22.5	22.5	17.5	16.5	17.0	---	---	---	7.0	6.0	6.5
5	23.0	22.0	22.5	17.5	17.0	17.0	---	---	---	7.5	7.0	7.0
6	23.5	22.0	22.5	17.5	17.0	17.0	11.0	9.5	10.0	8.0	7.5	7.5
7	23.0	22.0	22.5	18.0	17.0	17.5	10.0	9.5	10.0	8.5	8.0	8.0
8	22.0	21.5	22.0	18.0	17.0	17.5	10.0	9.0	9.5	10.0	8.0	8.5
9	21.5	20.5	21.0	18.5	17.0	17.5	9.0	8.0	8.5	9.5	9.0	9.0
10	20.5	19.5	20.0	17.5	16.5	17.0	8.5	7.5	8.0	9.5	8.0	9.0
11	20.0	19.0	19.5	17.5	16.5	17.0	8.5	7.5	8.0	9.5	8.5	9.0
12	20.0	19.0	19.5	18.0	16.5	17.0	8.5	8.0	8.5	9.5	8.5	9.0
13	20.0	19.0	19.5	17.5	16.5	17.5	8.5	8.0	8.5	8.5	7.5	8.5
14	20.0	19.5	20.0	18.0	17.0	17.5	8.0	7.0	7.5	8.5	7.5	8.0
15	20.5	20.0	20.0	18.0	17.5	17.5	7.5	7.0	7.5	8.5	8.0	8.0
16	21.0	20.0	20.5	18.0	16.5	17.5	7.5	6.5	7.0	8.5	8.0	8.0
17	21.0	20.5	21.0	17.0	16.0	16.5	6.5	6.0	6.5	8.5	8.0	8.5
18	21.5	21.0	21.0	16.0	15.5	16.0	6.0	5.5	6.0	9.5	8.5	9.0
19	22.0	21.0	21.0	15.5	14.5	15.5	6.0	5.0	5.5	9.5	9.0	9.5
20	20.5	18.5	20.0	15.5	14.0	15.0	5.5	4.5	5.0	10.5	9.5	10.0
21	19.0	17.5	18.5	14.5	13.5	14.0	5.5	4.5	5.0	12.0	10.0	11.0
22	18.5	17.0	17.5	14.5	13.5	14.0	4.5	3.0	4.0	12.0	10.5	11.0
23	17.5	16.5	17.0	14.0	12.5	13.5	3.5	1.5	2.5	11.5	11.0	11.5
24	17.0	16.5	17.0	---	---	---	1.5	1.5	1.5	11.5	11.0	11.5
25	17.0	16.0	16.5	---	---	---	1.5	1.0	1.5	13.0	11.5	12.0
26	17.0	16.0	16.5	---	---	---	2.5	1.0	1.5	12.5	11.0	12.0
27	17.0	16.0	16.5	---	---	---	2.0	1.5	2.0	12.5	11.0	12.0
28	16.5	16.5	16.5	---	---	---	2.5	2.0	2.0	11.5	11.0	11.5
29	17.0	16.0	16.5	---	---	---	3.0	2.0	2.5	12.5	11.0	11.5
30	17.5	17.0	17.0	---	---	---	3.5	3.0	3.0	12.0	11.0	11.5
31	17.5	17.0	17.5	---	---	---	6.0	3.5	4.5	12.0	11.5	11.5
MONTH	23.5	16.0	19.5	18.5	12.5	16.5	11.0	1.0	5.5	13.0	5.0	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.0	11.0	11.5	12.0	11.0	11.5	16.0	15.0	15.5	24.0	23.0	23.5
2	12.5	11.5	12.0	12.0	11.5	12.0	16.5	16.0	16.0	24.5	23.5	24.0
3	13.0	12.0	12.5	13.0	11.5	12.5	17.5	16.5	17.0	25.0	24.0	24.5
4	14.0	13.0	13.5	13.0	12.5	12.5	17.0	15.5	16.5	25.5	24.5	25.0
5	14.0	13.0	13.5	13.0	12.5	12.5	17.0	15.5	16.5	25.5	24.5	25.0
6	13.5	12.5	13.5	13.5	12.5	13.0	17.5	16.0	16.5	25.0	24.0	24.5
7	14.5	13.0	13.5	13.5	13.0	13.5	18.0	16.0	17.0	25.0	23.5	24.5
8	14.0	13.0	13.5	13.0	12.0	12.5	17.5	16.0	17.0	25.0	23.5	24.0
9	14.5	13.5	14.0	13.0	12.5	12.5	17.0	16.0	16.5	24.0	23.0	23.5
10	14.5	14.0	14.5	14.0	12.5	13.5	17.5	16.0	16.5	24.5	23.0	23.5
11	14.5	13.5	14.0	14.5	13.0	14.0	18.0	16.5	17.0	23.5	22.0	22.5
12	14.5	13.0	14.0	15.5	14.5	15.0	18.0	16.5	17.0	23.0	22.0	22.5
13	14.0	12.5	13.5	16.5	15.0	16.0	17.5	16.5	17.0	23.5	22.5	23.0
14	14.0	13.0	13.5	17.5	16.0	16.5	17.0	16.5	16.5	24.0	22.5	23.0
15	14.0	13.5	13.5	17.5	17.0	17.0	17.0	16.5	17.0	24.0	23.0	23.5
16	15.0	14.0	14.5	18.5	17.5	18.0	17.5	16.5	17.0	25.0	23.5	24.0
17	16.5	15.0	15.5	19.5	18.5	19.0	19.0	17.0	18.0	25.5	24.0	25.0
18	15.0	14.5	14.5	19.5	18.5	19.0	18.0	17.0	17.5	25.5	24.5	25.0
19	15.0	14.5	14.5	19.0	18.5	19.0	18.0	17.0	17.5	25.5	24.5	25.0
20	14.5	13.5	14.0	18.5	17.5	18.0	18.0	17.5	18.0	26.0	25.0	25.5
21	14.0	12.5	13.5	17.5	16.5	17.0	19.0	18.0	18.5	26.0	25.0	25.5
22	14.0	13.5	13.5	16.5	16.0	16.5	19.0	18.0	18.5	26.5	25.0	25.5
23	14.0	14.0	14.0	16.5	15.5	16.0	19.5	18.5	19.0	25.5	24.0	25.0
24	14.0	12.5	13.5	17.0	15.5	16.0	20.0	18.5	19.5	25.5	24.0	25.0
25	13.5	12.0	13.0	17.5	16.0	16.5	20.5	19.0	20.0	25.0	24.0	24.5
26	12.5	11.0	12.0	17.0	16.5	17.0	21.5	19.5	20.5	25.5	24.0	25.0
27	11.5	10.5	11.0	17.0	16.0	16.5	22.0	20.5	21.0	25.5	24.5	25.0
28	12.0	10.5	11.0	16.5	15.5	16.0	22.0	21.0	21.5	25.5	24.5	25.0
29	---	---	---	16.0	15.5	16.0	23.5	21.5	22.0	26.0	24.5	25.5
30	---	---	---	15.5	15.0	15.5	23.5	22.0	23.0	26.0	24.0	25.0
31	---	---	---	15.5	15.0	15.5	---	---	---	25.0	24.0	25.0
MONTH	16.5	10.5	13.5	19.5	11.0	15.5	23.5	15.0	18.0	26.5	22.0	24.5

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.2	2.5	2.8	5.1	4.7	4.8	---	---	---	11.3	10.6	11.0
2	3.2	2.8	3.0	5.2	4.6	4.9	---	---	---	10.9	10.3	10.5
3	2.8	2.0	2.4	5.2	4.7	4.9	---	---	---	10.7	10.2	10.4
4	1.9	1.4	1.6	5.1	4.6	4.9	---	---	---	10.6	10.0	10.2
5	1.6	1.0	1.2	5.4	4.9	5.1	---	---	---	10.2	9.7	10.0
6	2.5	1.2	1.7	5.4	5.0	5.2	9.2	8.1	8.3	9.9	9.4	9.7
7	2.2	1.3	1.7	5.7	5.3	5.5	8.6	8.3	8.5	9.8	9.5	9.6
8	1.7	1.1	1.3	5.9	5.6	5.7	9.1	8.7	8.9	10.1	9.4	9.7
9	2.4	1.3	1.6	6.9	5.8	6.2	9.4	9.0	9.2	9.8	9.4	9.6
10	1.6	1.3	1.5	6.5	5.7	6.0	9.9	9.2	9.3	10.3	9.4	9.7
11	2.1	1.6	1.7	5.9	5.4	5.7	9.7	9.1	9.4	10.3	9.3	9.6
12	2.2	1.6	1.8	6.1	5.5	5.7	9.6	9.2	9.3	10.4	9.5	9.8
13	2.7	2.2	2.5	5.9	5.5	5.7	9.5	9.2	9.3	9.9	9.2	9.5
14	3.0	2.7	2.9	6.0	5.7	5.9	9.7	9.1	9.4	9.6	9.1	9.3
15	3.1	2.9	3.0	6.3	5.9	6.1	9.9	9.4	9.6	9.7	9.1	9.3
16	3.2	2.9	3.1	7.5	6.3	6.8	10.1	9.6	9.8	9.6	9.0	9.3
17	3.3	3.0	3.1	6.8	6.1	6.4	9.9	9.6	9.7	9.6	9.1	9.3
18	3.5	3.0	3.2	6.7	6.2	6.4	10.0	9.6	9.8	9.6	8.7	9.1
19	3.6	3.1	3.4	6.8	6.3	6.5	10.2	10.0	10.1	8.9	8.6	8.7
20	4.5	3.0	3.6	8.5	6.5	7.2	10.5	10.0	10.2	9.0	8.4	8.7
21	4.7	3.0	3.5	7.9	7.2	7.5	10.4	10.0	10.1	9.4	8.5	8.7
22	4.3	3.1	3.5	7.6	7.2	7.4	10.9	10.1	10.6	8.7	8.1	8.4
23	3.7	3.1	3.5	7.8	7.4	7.6	11.3	10.7	11.0	8.5	7.9	8.1
24	4.4	3.6	4.1	---	---	---	11.5	11.0	11.3	8.4	7.8	8.1
25	5.0	4.3	4.6	---	---	---	11.4	11.0	11.2	8.6	8.1	8.3
26	5.4	4.5	4.9	---	---	---	11.7	11.2	11.4	9.2	8.2	8.5
27	5.6	5.0	5.3	---	---	---	11.4	11.1	11.3	8.6	7.8	8.1
28	5.5	5.0	5.3	---	---	---	11.6	11.1	11.3	8.4	7.8	8.0
29	6.3	5.3	5.7	---	---	---	11.6	11.1	11.3	8.4	7.8	8.0
30	6.0	5.4	5.7	---	---	---	11.5	11.0	11.3	8.5	7.9	8.2
31	5.5	4.9	5.2	---	---	---	11.3	11.0	11.2	8.4	7.9	8.1
MONTH	6.3	1.0	3.2	8.5	4.6	6.0	11.7	8.1	10.1	11.3	7.8	9.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.8	7.9	8.1	7.9	7.3	7.5	6.8	6.3	6.5	5.5	5.1	5.3
2	9.0	7.8	8.0	7.5	7.2	7.3	6.5	6.1	6.3	5.5	5.1	5.3
3	8.3	7.7	7.9	7.9	7.2	7.4	7.6	6.1	6.7	5.8	5.0	5.4
4	9.0	7.6	7.9	7.5	7.1	7.2	7.1	6.0	6.5	5.5	5.0	5.2
5	8.6	7.4	7.8	7.5	7.0	7.2	6.8	5.9	6.3	6.2	5.1	5.7
6	7.8	7.1	7.4	7.8	6.9	7.2	8.0	6.3	6.6	6.3	5.5	5.8
7	8.5	7.1	7.4	7.5	6.9	7.3	7.8	6.4	6.7	6.1	5.5	5.8
8	7.9	7.0	7.4	7.5	7.0	7.3	6.9	6.0	6.3	6.3	5.6	5.9
9	8.0	7.0	7.3	7.8	7.0	7.2	6.2	5.8	6.0	6.6	5.7	6.1
10	8.1	7.4	7.6	7.7	6.9	7.2	6.6	5.8	6.2	7.1	6.2	6.7
11	7.8	7.2	7.5	7.6	6.8	7.2	7.0	6.2	6.5	7.2	6.6	6.8
12	8.2	7.0	7.3	7.7	6.7	7.1	6.6	5.9	6.3	6.9	6.5	6.7
13	7.8	7.0	7.3	7.5	6.6	7.0	6.5	5.8	6.1	6.7	6.4	6.6
14	8.3	7.1	7.5	7.2	6.4	6.7	6.4	6.0	6.2	6.6	6.2	6.4
15	8.0	7.3	7.5	6.7	6.2	6.5	6.6	5.9	6.2	6.5	6.1	6.3
16	8.5	7.4	7.7	6.8	6.2	6.5	6.4	5.8	6.0	6.6	6.0	6.2
17	8.0	7.2	7.5	6.9	6.3	6.5	6.6	5.7	6.2	7.0	6.2	6.5
18	7.6	6.9	7.3	6.6	5.9	6.3	7.0	6.1	6.5	7.4	6.1	6.5
19	7.5	6.5	6.9	6.0	5.7	5.8	6.7	6.0	6.4	6.3	5.7	6.0
20	7.1	6.4	6.7	7.5	5.8	6.5	6.2	5.5	5.9	6.2	5.5	5.9
21	7.7	6.6	6.9	6.9	6.3	6.6	6.4	5.6	6.0	6.7	5.7	6.1
22	7.4	6.7	6.9	6.8	6.2	6.5	6.4	5.9	6.1	7.4	5.6	6.3
23	7.3	6.9	7.1	7.4	6.4	6.9	6.3	5.8	6.0	6.7	5.8	6.2
24	7.9	7.1	7.4	7.7	6.7	7.1	6.3	5.7	6.0	5.9	5.3	5.6
25	7.9	6.5	7.1	7.9	6.9	7.2	6.5	5.8	6.1	5.5	4.9	5.2
26	7.8	7.0	7.4	7.1	6.6	6.9	6.5	5.7	6.1	5.7	4.8	5.3
27	7.6	7.0	7.3	7.5	6.6	6.9	6.1	5.5	5.8	6.8	5.2	5.6
28	7.8	7.2	7.5	7.2	6.5	6.9	5.9	5.3	5.6	6.2	5.1	5.5
29	---	---	---	7.0	6.5	6.7	6.1	5.3	5.7	6.4	5.1	5.6
30	---	---	---	7.1	6.5	6.8	6.1	5.4	5.6	5.9	5.2	5.6
31	---	---	---	6.8	6.3	6.5	---	---	---	5.6	5.0	5.3
MONTH	9.0	6.4	7.4	7.9	5.7	6.9	8.0	5.3	6.2	7.4	4.8	5.9

WACCAMAW RIVER BASIN

61

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC

LOCATION.--Lat 33°22'02'', long 79°15'08'', Georgetown County, Hydrologic Unit 03040207, near right bank at US Highway 17, 2.0 mi east of Georgetown, and at mile 0.5 mi.

PERIOD OF RECORD.--June 1985 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Bottom): June 1985 to current year.
 SPECIFIC CONDUCTANCE (Top): October 1985 to current year.
 WATER TEMPERATURE (Bottom): October 1985 to current year.
 WATER TEMPERATURE (Top): October 1985 to current year.

INSTRUMENTATION.-- USGS mini-monitor.

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Bottom): Maximum, 49,500 microsiemens, Sept. 22, 1989; minimum, less than 100 microsiemens, many days during period of record.
 SPECIFIC CONDUCTANCE (Top): Maximum, 43,000 microsiemens, Sept. 22, 1989; minimum, less than 100 microsiemens, many days during period of record.
 WATER TEMPERATURE (Bottom): Maximum, 31.0°C, July 10, 11, 1990; minimum, 1.0°C, Dec. 24 - 27, 1989.
 WATER TEMPERATURE (Top): Maximum, 31.5°C, July 12, 13, 1989, July 10, 1990; minimum, 0.5°C, Dec. 26, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Bottom): Maximum, 27,500 microsiemens, July 8; minimum, less than 100 microsiemens, many days.
 SPECIFIC CONDUCTANCE (Top): Maximum, 20,700 microsiemens, Aug. 6; minimum, less than 100 microsiemens, many days.
 WATER TEMPERATURE (Bottom): Maximum, 31.0°C, July 9 - 12; minimum, 1.0°C, Dec. 24 - 27.
 WATER TEMPERATURE (Top): Maximum, 31.5°C, July 10; minimum, 0.5°C, Dec. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
 BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2200	100	496	1100	100	208	10200	100	3280	100	100	100
2	500	100	196	4400	100	675	7900	100	2180	100	100	100
3	200	100	165	8300	100	1400	3100	100	567	100	100	100
4	1300	100	273	9300	100	2270	9400	100	2210	100	100	100
5	3100	100	450	10900	100	4000	9100	100	2400	100	100	100
6	200	100	121	7300	100	2620	9300	100	4160	100	100	100
7	200	100	125	3900	100	904	6000	100	1800	1000	100	208
8	6600	100	875	5100	100	1270	12800	100	5690	2900	100	362
9	12600	100	4660	6800	100	1990	14700	100	7340	400	100	125
10	6000	100	1440	7600	100	1860	11700	100	3410	100	100	100
11	500	100	158	8400	100	2520	8400	100	1570	400	100	121
12	200	100	108	9400	100	2570	5000	100	800	100	100	100
13	100	100	100	10600	100	3120	2600	100	362	900	100	223
14	100	100	100	11100	100	3210	600	100	154	900	100	269
15	100	100	100	10100	100	2790	700	100	162	100	100	100
16	200	100	104	4800	100	817	300	100	117	100	100	100
17	100	100	100	5700	100	1060	1100	100	217	100	100	100
18	100	100	100	8100	100	2060	100	100	100	100	100	100
19	100	100	100	7000	100	1950	200	100	108	100	100	100
20	100	100	100	6300	100	1920	100	100	100	300	100	121
21	100	100	100	4500	100	1010	100	100	100	200	100	104
22	100	100	100	14500	100	7380	200	100	104	100	100	100
23	100	100	100	13500	100	5030	2200	100	258	800	100	162
24	200	100	104	12900	100	6050	10900	100	2290	1100	100	221
25	2000	100	279	14200	100	7000	6900	100	1180	500	100	150
26	5100	100	867	14300	100	5750	100	100	100	900	100	133
27	2900	100	542	9800	100	3420	200	100	108	100	100	100
28	1800	100	304	8500	100	2300	100	100	100	100	100	100
29	5300	100	1090	5700	100	1460	100	100	100	100	100	100
30	8500	100	1990	10600	100	3400	100	100	100	100	100	100
31	4000	100	723	---	---	---	100	100	100	100	100	100
MONTH	12600	100	518	14500	100	2730	14700	100	1330	2900	100	132

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1100	100	321	400	100	154	5700	100	1280	200	100	108
2	300	100	175	1500	100	352	3900	100	823	200	100	104
3	200	100	156	2300	100	329	900	100	300	200	100	104
4	600	100	181	2500	100	635	4400	100	933	100	100	100
5	700	100	198	3800	100	1040	3700	100	912	100	100	100
6	200	100	129	3000	100	685	4900	100	1640	100	100	100
7	200	100	121	1800	100	381	3700	100	819	500	100	150
8	2200	100	308	2300	100	531	5900	100	2380	1000	100	217
9	2800	100	633	4300	100	1120	9100	100	3370	300	100	125
10	1600	100	442	2700	100	740	8500	100	1790	200	100	112
11	500	100	167	4100	100	1320	6200	100	1050	900	100	158
12	200	100	142	5100	100	1320	2700	100	452	900	100	179
13	200	100	112	5200	100	1590	1500	100	269	300	100	142
14	200	100	104	4500	100	1650	600	100	173	400	100	146
15	200	100	104	4700	100	1530	900	100	181	200	100	117
16	200	100	104	2900	100	633	200	100	123	200	100	104
17	200	100	104	2600	100	535	600	100	179	900	100	142
18	200	100	108	3400	100	754	900	100	142	200	100	112
19	200	100	104	3200	100	608	200	100	112	200	100	117
20	200	100	127	3200	100	762	200	100	108	200	100	112
21	200	100	127	1800	100	362	200	100	112	200	100	104
22	200	100	108	5100	100	1860	900	100	183	200	100	108
23	200	100	119	4700	100	1350	900	100	162	400	100	125
24	200	100	119	5700	100	2160	700	100	175	400	100	125
25	700	100	179	8300	100	2820	2200	100	367	400	100	121
26	1200	100	292	7500	100	2440	200	100	108	200	100	121
27	1300	100	310	5300	100	1720	200	100	117	200	100	123
28	600	100	179	5000	100	1040	200	100	104	200	100	110
29	2100	100	440	4100	100	719	200	100	112	200	100	117
30	2900	100	687	5500	100	1530	200	100	102	200	100	125
31	1900	100	308	---	---	---	100	100	102	200	100	117
MONTH	2900	100	216	8300	100	1090	9100	100	603	1000	100	124
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	200	100	112	200	100	106	300	100	133	---	---	---
2	200	100	104	100	100	102	300	100	121	---	---	---
3	200	100	104	100	100	100	500	100	177	---	---	---
4	200	100	108	200	100	104	---	---	---	---	---	---
5	200	100	127	100	100	100	---	---	---	---	---	---
6	1300	100	331	100	100	100	---	---	---	---	---	---
7	800	100	162	200	100	108	---	---	---	---	---	---
8	700	100	150	200	100	104	---	---	---	---	---	---
9	200	100	112	200	100	108	---	---	---	3800	200	1270
10	200	100	117	100	100	100	---	---	---	2500	400	921
11	200	100	115	100	100	100	---	---	---	1700	200	487
12	200	100	123	100	100	100	---	---	---	2700	200	671
13	200	100	106	100	100	100	---	---	---	2500	200	829
14	200	100	110	100	100	100	---	---	---	1500	200	550
15	200	100	112	100	100	100	---	---	---	2500	200	677
16	200	100	104	200	100	104	---	---	---	1800	200	815
17	200	100	104	100	100	100	---	---	---	2800	200	740
18	1400	100	475	200	100	104	---	---	---	3800	200	658
19	2500	100	465	200	100	112	---	---	---	2000	200	727
20	1400	100	294	1400	100	217	---	---	---	3500	200	896
21	3000	100	800	3500	100	960	---	---	---	1700	200	656
22	1500	100	292	2400	100	408	---	---	---	4400	200	1230
23	400	100	133	1100	100	206	---	---	---	15400	200	4090
24	200	100	104	1600	100	346	---	---	---	10400	200	4940
25	200	100	125	1300	100	317	---	---	---	10700	200	3460
26	500	100	171	2900	100	646	---	---	---	8800	200	3210
27	900	100	158	4400	100	873	---	---	---	10700	200	2700
28	100	100	100	4500	100	740	---	---	---	8400	400	3070
29	---	---	---	600	100	162	---	---	---	9500	200	2420
30	---	---	---	200	100	117	---	---	---	3600	200	925
31	---	---	---	200	100	112	---	---	---	5600	100	1750
MONTH	3000	100	190	4500	100	228	500	100	144	15400	100	1640

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	22.5	23.0	18.0	17.5	18.0	13.0	12.0	12.5	5.5	4.0	5.0
2	23.0	22.5	23.0	18.5	18.0	18.0	13.0	12.0	12.5	6.0	5.0	5.5
3	23.5	23.0	23.0	18.5	18.0	18.0	12.5	11.0	11.5	6.5	5.5	6.0
4	23.5	23.0	23.0	18.0	17.5	18.0	12.5	11.0	11.5	6.5	6.0	6.0
5	23.0	22.5	23.0	18.0	17.5	18.0	12.0	10.5	11.0	7.5	6.5	7.0
6	23.0	22.5	23.0	18.0	17.5	17.5	11.5	10.5	11.0	8.0	7.0	7.5
7	23.0	22.0	22.5	18.0	17.5	18.0	11.0	10.5	11.0	8.5	7.5	8.0
8	23.0	22.0	22.5	18.5	17.5	18.0	11.5	9.0	10.5	9.0	8.0	8.5
9	23.0	21.0	22.0	19.0	17.5	18.0	10.0	8.5	9.5	9.5	9.0	9.0
10	22.0	20.0	21.0	18.0	17.5	18.0	9.0	8.0	8.5	9.5	9.0	9.5
11	20.5	19.5	20.0	18.0	17.5	17.5	9.0	8.0	8.5	9.5	9.0	9.5
12	20.0	19.0	19.5	18.0	17.5	17.5	9.0	8.0	8.5	9.5	9.0	9.5
13	20.0	19.5	19.5	18.5	17.5	18.0	9.0	8.5	8.5	---	---	---
14	20.0	20.0	20.0	18.5	17.5	18.0	8.5	8.0	8.5	---	---	---
15	20.5	20.0	20.5	18.5	18.0	18.5	8.5	7.5	8.0	---	---	---
16	21.0	20.5	21.0	18.5	17.5	18.0	7.5	7.0	7.5	---	---	---
17	21.5	21.0	21.0	17.5	16.5	17.0	7.0	6.5	6.5	9.0	8.0	8.5
18	21.5	21.5	21.5	17.0	16.0	16.5	6.5	6.0	6.5	9.5	8.5	9.0
19	21.5	21.0	21.5	16.5	15.5	16.0	6.0	5.5	5.5	10.0	9.0	9.5
20	21.0	19.5	20.5	15.5	15.0	15.5	5.5	5.0	5.0	10.5	9.5	10.0
21	19.5	18.5	19.0	15.5	14.5	15.0	5.0	4.5	5.0	11.5	10.5	11.0
22	18.0	17.5	18.0	---	---	---	4.5	4.0	4.5	12.0	11.5	11.5
23	18.0	17.5	17.5	---	---	---	4.0	2.5	3.0	12.5	11.5	12.0
24	17.5	17.0	17.5	14.5	13.0	14.0	2.5	1.0	2.0	12.5	12.0	12.0
25	17.5	17.0	17.0	13.5	12.5	13.5	2.0	1.0	1.5	13.5	12.0	13.0
26	17.5	16.5	17.0	13.5	12.0	13.0	1.5	1.0	1.0	13.5	12.5	13.0
27	17.5	16.5	17.0	13.5	12.0	13.0	1.5	1.0	1.5	13.0	12.5	12.5
28	17.0	17.0	17.0	13.5	12.0	13.0	2.0	1.5	2.0	12.5	12.5	12.5
29	17.5	16.5	17.0	14.0	12.5	13.0	2.5	2.0	2.0	13.0	12.0	12.5
30	18.0	17.0	17.5	13.5	12.0	13.0	3.0	2.5	3.0	13.0	12.0	12.5
31	18.0	17.5	17.5	---	---	---	4.0	3.0	3.5	12.5	12.0	12.5
MONTH	23.5	16.5	20.1	19.0	12.0	16.4	13.0	1.0	6.8	13.5	4.0	9.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.5	12.0	12.5	12.5	12.0	12.0	18.0	17.0	17.5	---	---	---
2	13.0	12.5	12.5	13.0	12.0	12.5	18.5	18.0	18.0	---	---	---
3	13.5	13.0	13.5	13.5	12.5	13.0	18.5	17.5	18.0	---	---	---
4	14.5	13.5	14.0	14.0	13.0	13.5	---	---	---	---	---	---
5	15.0	14.0	14.5	14.0	13.5	14.0	---	---	---	---	---	---
6	14.5	14.0	14.5	14.5	13.5	14.0	---	---	---	---	---	---
7	15.0	14.5	14.5	14.5	14.0	14.0	---	---	---	---	---	---
8	15.0	14.0	14.5	14.0	13.5	14.0	---	---	---	---	---	---
9	15.0	14.5	15.0	13.5	13.5	13.5	---	---	---	24.5	23.5	24.0
10	16.0	15.0	15.5	14.5	13.5	14.0	---	---	---	24.0	23.5	23.5
11	15.5	15.0	15.5	15.5	14.5	15.0	---	---	---	23.5	22.5	23.0
12	15.5	15.0	15.0	17.0	15.5	16.0	---	---	---	23.5	22.0	23.0
13	15.0	14.5	15.0	18.0	16.5	17.0	---	---	---	23.5	22.0	22.5
14	15.0	14.0	14.5	18.5	17.5	18.0	---	---	---	23.5	22.5	23.0
15	15.0	14.5	15.0	19.5	18.5	19.0	---	---	---	24.0	23.0	23.5
16	16.0	15.0	15.5	20.0	19.5	19.5	---	---	---	24.5	23.5	24.0
17	16.5	16.0	16.5	21.0	20.0	20.5	---	---	---	25.0	24.0	24.5
18	16.5	16.0	16.0	21.0	20.5	21.0	---	---	---	25.5	24.0	24.5
19	16.0	16.0	16.0	21.5	20.5	21.0	---	---	---	25.5	24.0	24.5
20	16.0	15.0	16.0	21.0	19.5	20.5	---	---	---	25.5	24.5	25.0
21	15.0	14.5	15.0	19.5	18.5	19.0	---	---	---	26.0	25.0	25.5
22	15.5	14.5	15.0	19.5	18.0	18.5	---	---	---	26.0	25.0	25.5
23	15.5	15.0	15.0	19.0	17.5	18.0	---	---	---	25.0	24.5	25.0
24	15.0	14.5	15.0	19.0	18.0	18.5	---	---	---	25.0	24.5	25.0
25	14.5	14.0	14.0	19.0	18.5	18.5	---	---	---	25.5	24.5	25.0
26	14.0	12.5	13.0	19.0	18.0	18.5	---	---	---	25.5	24.5	25.0
27	13.0	11.5	12.0	18.5	17.5	18.0	---	---	---	25.5	24.5	25.0
28	12.5	11.5	12.0	18.0	17.0	17.5	---	---	---	26.0	24.5	25.0
29	---	---	---	17.5	16.5	17.0	---	---	---	25.5	24.5	25.0
30	---	---	---	17.0	16.5	16.5	---	---	---	25.5	24.0	25.0
31	---	---	---	17.0	16.5	17.0	---	---	---	25.0	24.5	25.0
MONTH	16.5	11.5	14.5	21.5	12.0	16.7	18.5	17.0	17.8	26.0	22.0	24.4

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	23.0	23.5	18.5	17.5	18.0	13.0	12.0	12.0	5.5	4.0	5.0
2	24.0	23.0	23.5	18.5	18.0	18.5	13.0	12.0	12.0	5.5	5.0	5.5
3	24.0	23.5	23.5	18.5	18.0	18.0	12.0	11.0	11.5	6.0	5.5	5.5
4	24.0	23.5	23.5	18.0	17.5	18.0	11.0	10.5	10.5	6.0	5.5	6.0
5	24.0	23.0	23.5	18.5	17.5	18.0	10.5	10.0	10.0	7.0	6.0	6.5
6	24.0	23.0	23.5	19.0	17.5	18.0	11.0	10.0	10.5	7.5	6.5	7.0
7	24.0	23.0	23.0	18.5	17.5	18.0	10.5	10.0	10.5	8.0	7.5	7.5
8	23.5	22.5	23.0	18.5	17.5	18.0	11.0	9.5	10.0	8.5	8.0	8.5
9	22.5	21.5	22.0	19.0	18.0	18.5	10.0	8.5	9.0	9.0	8.5	9.0
10	21.5	20.5	21.0	18.0	17.5	18.0	9.0	8.0	8.5	9.0	9.0	9.0
11	21.0	20.0	20.5	18.0	17.5	17.5	8.5	8.0	8.0	9.0	8.5	9.0
12	20.5	19.5	20.0	18.0	17.5	17.5	8.5	8.0	8.0	9.0	9.0	9.0
13	20.5	20.0	20.0	18.5	17.5	18.0	8.5	8.0	8.5	8.5	8.0	8.5
14	20.5	20.5	20.5	18.5	18.0	18.5	8.0	8.0	8.0	8.5	8.0	8.5
15	21.0	20.5	20.5	19.0	18.0	18.5	8.0	7.0	7.5	8.5	8.0	8.0
16	21.5	21.0	21.5	19.0	17.5	18.5	7.5	6.5	7.0	8.5	8.0	8.0
17	22.0	21.5	21.5	17.5	16.5	17.0	6.5	6.0	6.5	8.5	8.0	8.5
18	22.0	21.5	22.0	16.5	16.0	16.5	6.0	6.0	6.0	9.0	8.5	9.0
19	22.5	21.5	22.0	16.0	15.5	16.0	6.0	5.0	5.5	9.5	9.0	9.5
20	21.5	20.0	21.0	16.0	15.0	15.5	5.0	4.5	5.0	10.0	9.5	9.5
21	20.0	18.5	19.5	15.5	14.5	15.0	4.5	4.5	4.5	11.0	10.0	10.5
22	18.5	18.0	18.0	15.5	14.5	15.0	4.5	3.5	4.0	11.5	11.0	11.0
23	18.0	17.5	18.0	15.0	13.5	14.5	3.5	2.0	3.0	12.0	11.0	11.5
24	18.0	17.5	17.5	13.5	12.5	13.5	2.0	1.0	1.5	12.0	11.5	11.5
25	17.5	17.0	17.5	13.5	12.5	13.0	1.0	1.0	1.0	13.0	11.5	12.0
26	17.5	17.0	17.0	13.0	12.0	13.0	1.0	.5	1.0	12.5	12.0	12.5
27	17.5	17.0	17.0	13.0	12.0	12.5	1.5	1.0	1.5	12.5	12.0	12.0
28	17.0	17.0	17.0	13.5	12.0	12.5	2.0	1.5	1.5	12.0	11.5	12.0
29	17.5	17.0	17.0	13.5	12.5	12.5	2.5	2.0	2.0	12.5	11.5	12.0
30	18.0	17.0	17.5	12.5	12.0	12.5	3.0	2.0	2.5	12.0	11.5	12.0
31	18.0	17.5	18.0	---	---	---	4.0	3.0	3.5	12.0	11.5	12.0
MONTH	24.0	17.0	20.5	19.0	12.0	16.5	13.0	.5	6.5	13.0	4.0	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.0	11.5	12.0	12.0	11.5	11.5	17.5	16.0	16.5	---	---	---
2	12.5	12.0	12.0	12.0	11.5	12.0	17.5	17.0	17.0	---	---	---
3	13.0	12.5	12.5	12.5	12.0	12.5	17.5	16.5	17.0	---	---	---
4	14.0	13.0	13.5	13.5	12.5	13.0	---	---	---	---	---	---
5	14.0	13.5	14.0	13.5	13.0	13.0	---	---	---	---	---	---
6	14.0	13.0	13.5	13.5	13.0	13.5	---	---	---	---	---	---
7	14.0	13.5	14.0	13.5	13.0	13.5	---	---	---	---	---	---
8	14.0	13.5	14.0	13.5	13.0	13.0	---	---	---	---	---	---
9	14.5	13.5	14.0	13.0	13.0	13.0	---	---	---	24.0	23.5	24.0
10	15.0	14.5	14.5	14.0	13.0	13.5	---	---	---	24.0	23.0	23.5
11	14.5	14.5	14.5	14.5	13.5	14.0	---	---	---	23.0	22.0	22.5
12	14.5	14.0	14.5	16.0	14.5	15.0	---	---	---	23.0	22.0	22.5
13	14.5	13.5	14.0	17.0	15.5	16.0	---	---	---	23.0	22.0	22.5
14	14.5	13.5	14.0	17.5	16.5	17.0	---	---	---	23.0	22.0	22.5
15	14.5	13.5	14.0	18.0	17.5	17.5	---	---	---	24.5	22.5	23.5
16	15.5	14.0	14.5	19.0	18.0	18.5	---	---	---	25.0	23.0	23.5
17	16.0	15.0	15.5	19.5	19.0	19.5	---	---	---	24.5	23.5	24.0
18	15.5	15.0	15.0	20.5	19.5	20.0	---	---	---	25.5	24.0	24.5
19	15.0	14.5	15.0	20.5	19.5	20.0	---	---	---	25.5	24.0	24.5
20	15.0	14.0	15.0	20.0	18.5	19.0	---	---	---	25.5	24.0	24.5
21	14.0	13.5	14.0	18.5	17.0	18.0	---	---	---	25.5	24.5	25.0
22	14.5	13.5	14.0	18.0	16.5	17.0	---	---	---	25.5	25.0	25.0
23	14.5	14.0	14.5	17.5	16.5	17.0	---	---	---	25.0	24.0	24.5
24	14.5	13.5	14.0	18.0	17.0	17.5	---	---	---	25.0	24.0	24.5
25	14.0	13.0	13.5	18.0	17.5	17.5	---	---	---	25.0	24.0	24.5
26	13.0	11.5	12.5	17.5	17.0	17.0	---	---	---	25.5	24.0	24.5
27	12.0	11.0	11.5	17.0	16.5	17.0	---	---	---	26.0	24.5	25.0
28	11.5	11.0	11.5	17.0	16.0	16.5	---	---	---	25.5	24.5	25.0
29	---	---	---	16.5	15.5	16.0	---	---	---	25.0	24.5	24.5
30	---	---	---	16.0	15.5	15.5	---	---	---	25.5	24.0	24.5
31	---	---	---	17.0	15.5	16.0	---	---	---	25.5	24.0	24.5
MONTH	16.0	11.0	14.0	20.5	11.5	16.0	17.5	16.0	17.0	26.0	22.0	24.0

PEE DEE RIVER BASIN

69

02129590 WHITES CREEK NEAR WALLACE, SC

LOCATION.--Lat 34°45'20'', long 79°53'00'', Marlboro County, Hydrologic Unit 03040201, on the upstream side of the U.S. Highway 1 bridge, 100 ft downstream from lake spillway, and 3.0 mi northwest of Wallace.

DRAINAGE AREA.--26.4 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--11 years, 28.6 ft³/s, 14.71 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 812 ft³/s, Oct. 3, 1989, gage height, 7.05 ft; minimum, no flow for several days in 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 812 ft³/s, Oct. 3, gage height, 7.05 ft; minimum, no flow for several days in June, July and Aug.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	13	21	31	31	37	29	20	27	.00	.00	3.8
2	40	16	19	30	30	37	30	22	23	.00	.00	3.2
3	529	24	18	30	30	37	30	21	17	.00	.00	2.5
4	505	27	17	30	29	37	31	17	9.7	9.8	.00	2.0
5	62	31	17	29	29	38	31	14	7.7	7.4	.00	1.4
6	48	33	17	28	29	38	30	11	7.1	4.6	.74	.90
7	46	31	17	28	30	38	28	10	6.7	3.1	3.6	.61
8	43	27	22	30	30	37	27	10	6.0	2.5	11	.46
9	39	23	32	34	29	36	26	9.2	5.6	2.2	20	.43
10	34	20	81	49	29	35	26	13	4.9	1.7	23	.59
11	27	19	107	59	30	34	24	14	4.5	1.8	15	.48
12	18	19	85	44	30	33	22	14	4.0	2.2	9.8	.41
13	14	19	82	38	31	32	20	14	3.6	7.2	7.7	1.7
14	14	18	73	37	30	31	18	13	3.1	8.9	6.0	6.4
15	14	17	64	36	29	29	16	9.1	2.7	9.9	4.4	7.7
16	14	21	54	35	28	27	16	7.7	2.4	9.6	4.1	13
17	14	24	44	34	28	25	16	7.2	2.0	8.7	4.4	12
18	14	26	41	33	29	25	15	6.6	1.7	7.8	11	7.8
19	16	27	40	32	31	26	15	6.0	1.4	7.1	15	5.5
20	16	27	40	31	62	28	13	5.6	1.1	5.8	12	4.0
21	19	25	39	30	87	28	13	5.2	.91	5.2	10	3.1
22	21	22	39	29	65	27	13	4.9	.67	4.3	14	2.8
23	19	22	39	29	53	25	12	4.7	.51	2.9	11	2.6
24	16	24	38	28	49	23	12	4.4	.37	1.5	8.7	2.2
25	14	25	37	27	46	20	12	4.0	.23	.85	8.5	2.1
26	13	28	36	27	42	19	10	3.7	.14	.50	7.9	1.6
27	13	28	35	29	39	18	9.4	8.5	.08	.30	7.4	1.1
28	13	26	35	31	38	18	9.3	15	.06	.11	6.4	.86
29	12	25	33	32	---	19	12	23	.00	.00	5.3	.78
30	13	23	32	32	---	23	15	24	.00	.00	4.3	.89
31	13	---	32	32	---	26	---	27	---	.00	4.4	---
TOTAL	1708	710	1286	1024	1043	906	580.7	368.8	144.17	115.96	235.64	92.91
MEAN	55.1	23.7	41.5	33.0	37.2	29.2	19.4	11.9	4.81	3.74	7.60	3.10
MAX	529	33	107	59	87	38	31	27	27	9.9	23	13
MIN	12	13	17	27	28	18	9.3	3.7	.00	.00	.00	.41

CAL YR 1989 TOTAL 11936.7 MEAN 32.7 MAX 529 MIN 4.6
WTR YR 1990 TOTAL 8215.18 MEAN 22.5 MAX 529 MIN .00

FEE 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 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 224.72 ft above National Geodetic Vertical Datum of 1929. Prior to December 22, 1959, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: Dec. 8 to Jan. 18, which are poor.

AVERAGE DISCHARGE.--31 years, 157 ft³/s, 19.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,770 ft³/s, July 16, 1975, gage height, 11.29 ft; minimum daily, 17 ft³/s, June 29, 1981, Aug. 4, 5, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 4	1600	* 1210	* 10.55	Dec. 12	unknown	586	9.27

Minimum daily, 17 ft³/s, Aug. 4, 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	223	128	147	170	180	195	203	148	90	25	19	36
2	323	140	142	165	177	186	219	144	63	34	19	34
3	323	173	139	165	181	203	227	141	55	34	18	32
4	991	178	135	170	177	213	232	120	51	31	17	31
5	845	174	133	180	174	214	208	111	46	27	17	30
6	482	172	131	190	171	258	179	105	42	31	20	30
7	328	179	129	200	167	278	166	97	39	27	47	29
8	262	177	170	210	167	238	161	90	42	23	38	29
9	226	167	210	220	163	211	160	81	72	21	99	29
10	201	156	250	250	163	199	167	93	58	20	97	36
11	186	151	300	230	161	189	167	112	49	20	80	41
12	171	147	410	210	165	182	157	125	42	21	62	36
13	162	145	400	200	191	178	143	138	36	41	48	39
14	159	143	360	190	237	175	139	126	33	53	38	78
15	158	148	300	180	217	169	134	89	31	59	33	86
16	155	172	260	170	191	168	130	75	33	45	37	92
17	152	181	250	165	198	169	130	71	32	47	90	70
18	155	183	240	160	189	184	134	75	32	70	91	50
19	179	201	230	163	213	186	137	64	30	61	58	42
20	185	229	220	162	268	204	126	58	28	49	49	38
21	177	215	210	162	297	239	117	55	26	39	65	36
22	170	190	200	165	411	228	110	53	29	33	135	41
23	165	180	190	163	377	196	107	53	43	30	151	50
24	162	164	185	163	297	171	104	56	41	28	159	47
25	158	152	180	171	252	158	100	52	34	26	166	42
26	152	154	175	201	245	151	93	44	30	23	125	38
27	145	168	170	199	240	150	87	42	28	22	73	35
28	139	178	170	190	217	149	83	43	25	21	58	34
29	135	171	165	196	---	156	128	74	24	20	49	33
30	131	157	170	208	---	174	144	102	25	19	42	33
31	130	---	175	196	---	186	---	114	---	19	38	---
TOTAL	7530	5073	6546	5764	6086	5957	4392	2751	1209	1019	2038	1277
MEAN	243	169	211	186	217	192	146	88.7	40.3	32.9	65.7	42.6
MAX	991	229	410	250	411	278	232	148	90	70	166	92
MIN	130	128	129	160	161	149	83	42	24	19	17	29

CAL YR 1989 TOTAL 61362 MEAN 168 MAX 991 MIN 50
WTR YR 1990 TOTAL 49642 MEAN 136 MAX 991 MIN 17

PEE DEE RIVER BASIN

71

02130910 BLACK CREEK NEAR HARTSVILLE, SC

LOCATION.--Lat 34°23'50'', long 80°09'00'', Darlington County, Hydrologic Unit 03040201, at downstream side of bridge on State Road 23, 1,000 ft downstream from dam at H. B. Robinson Steam Electric Plant, 2.1 mi upstream from Beaverdam Creek, 4.6 mi west of Hartsville, and at mile 49.9.

DRAINAGE AREA.--173 mi².

PERIOD OR RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder. Datum of gage is 177.48 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except for estimated daily discharges: Apr. 5 to May 22, which are poor. Some regulation by storage in steam electric plant reservoir above station.

AVERAGE DISCHARGE.--30 years, 223 ft³/s, 17.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,010 ft³/s, Aug. 18, 1971, gage height, 10.08 ft; minimum daily, 30 ft³/s, Aug. 7, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 661 ft³/s, Oct. 5, gage height, 8.44 ft; minimum daily, 30 ft³/s, Aug. 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	325	180	186	223	245	288	223	180	115	66	35	101
2	387	185	181	217	242	277	229	170	114	75	34	91
3	393	193	180	216	239	285	241	165	110	69	33	85
4	434	195	171	214	237	281	235	160	106	66	33	85
5	609	197	167	216	239	276	240	140	102	63	34	90
6	556	198	164	227	227	274	230	130	92	61	31	95
7	512	199	164	234	225	281	210	125	87	61	30	92
8	456	202	197	249	222	282	200	120	86	56	33	92
9	376	210	224	254	219	282	190	115	87	43	57	80
10	341	207	235	262	224	279	190	140	92	34	67	64
11	314	200	245	264	223	271	200	150	95	33	76	92
12	291	195	271	274	218	265	205	170	84	40	80	89
13	273	189	301	275	210	256	200	180	74	66	79	90
14	258	185	308	272	216	246	195	160	70	73	76	89
15	244	189	304	266	227	238	190	150	67	75	77	80
16	233	199	302	259	238	230	180	135	66	75	79	84
17	226	199	291	251	259	233	170	130	65	76	85	92
18	225	198	288	244	255	247	165	125	61	67	91	97
19	232	198	288	240	264	241	170	120	72	66	94	90
20	228	200	279	232	270	243	175	110	68	64	93	88
21	222	208	268	227	275	230	170	105	63	65	96	90
22	221	211	261	226	288	235	165	115	69	67	119	91
23	217	221	249	221	319	241	160	106	69	52	133	96
24	213	214	236	218	332	236	155	97	68	65	152	91
25	208	206	224	218	326	228	150	93	67	84	164	86
26	201	199	221	238	309	220	145	88	63	78	175	84
27	196	195	218	238	299	215	140	86	68	71	173	83
28	191	193	216	240	295	206	140	93	67	63	216	80
29	188	200	212	238	---	209	170	111	66	43	192	79
30	184	190	211	244	---	207	180	112	65	34	130	77
31	181	---	209	248	---	219	---	111	---	34	112	---
TOTAL	9135	5955	7271	7445	7142	7721	5613	3992	2378	1885	2879	2623
MEAN	295	198	235	240	255	249	187	129	79.3	60.8	92.9	87.4
MAX	609	221	308	275	332	288	241	180	115	84	216	101
MIN	181	180	164	214	210	206	140	86	61	33	30	64

CAL YR 1989 TOTAL 82189 MEAN 225 MAX 609 MIN 91
WTR YR 1990 TOTAL 64039 MEAN 175 MAX 609 MIN 30

(National stream-quality accounting network station and radiochemical program station)

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 50,300 ft³/s, Oct. 9, gage height, 26.53 ft; minimum, 983 ft³/s, Sept. 26, gage height, 1.53 ft.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17200	8400	9120	11500	20300	29800	18800	5120	22400	3860	3460	7240
2	17700	9410	8810	8380	19400	26800	20100	7570	24400	3420	2980	6400
3	20900	9730	8650	8300	18600	24400	21300	8600	26000	2230	2020	3810
4	23100	10100	8500	10100	18000	23200	22400	9910	26500	1800	1600	1700
5	25200	9320	8370	11000	18100	23300	23000	14100	25100	3410	2720	2270
6	28500	7550	8300	11800	17700	24000	22600	16300	22900	3280	4130	4790
7	37000	5490	8420	13800	17300	24500	21500	17400	20600	2100	3200	4190
8	47400	6580	9380	15400	17100	24100	19800	17300	18400	1950	2720	4640
9	49900	6800	10500	17300	16600	23000	18100	17000	15900	1800	2650	4890
10	46900	7820	14400	19400	15900	21700	16300	15900	12100	1900	3780	2680
11	41900	8860	18400	20500	17200	20400	14200	15400	7530	2090	5130	2060
12	36600	6480	19900	21400	20200	19800	12900	17100	4730	2100	3830	3990
13	31300	5780	20700	21200	22300	19200	12600	18100	6130	3640	2160	3490
14	26700	6810	21800	20400	24200	18100	12200	18200	7230	4110	1650	3800
15	23000	7430	23200	19600	25900	17500	11500	17200	6440	3160	2980	4240
16	19300	7650	24700	18600	26700	16800	9300	15800	6070	2210	5190	4410
17	14600	8580	26000	17600	26200	16600	9610	14600	6080	4670	6650	2540
18	12700	9580	26400	16600	25700	17400	11500	13700	4030	5690	5470	2920
19	11700	9560	25600	15700	26400	17800	14300	12700	2520	6190	2860	1820
20	11300	8700	24000	14600	27700	18000	14700	11500	5460	6470	2090	3510
21	15200	9120	22100	14000	29500	18800	14200	9230	5390	7460	1550	5500
22	18500	8460	20800	13600	31400	19400	13800	6350	5650	6780	3490	5670
23	19100	8100	19500	15500	33400	18900	12800	4320	5980	3440	4360	3890
24	18600	8720	18200	17400	35100	18100	11000	6050	6220	2060	6320	2570
25	17700	9720	17000	17300	35500	17600	9770	7180	4160	3520	5510	1600
26	16400	11000	16000	17200	35200	16900	9510	7860	2620	4900	3770	1070
27	15000	11100	15100	17800	34400	16100	8950	7790	3120	5770	3340	2250
28	13600	10600	14400	19800	32500	15400	8500	8660	3840	6330	2240	4210
29	11200	10300	13800	21000	---	14800	6300	9170	4320	5510	3460	4360
30	8240	9670	13000	21500	---	15700	3640	17100	2960	3570	5670	3230
31	6600	---	12400	21200	---	17800	---	20600	---	3040	6860	---
TOTAL	703040	257420	507450	509480	688500	615900	425180	387810	314780	118460	113840	109740
MEAN	22680	8581	16370	16430	24590	19870	14170	12510	10490	3821	3672	3658
MAX	49900	11100	26400	21500	35500	29800	23000	20600	26500	7460	6860	7240
MIN	6600	5490	8300	8300	15900	14800	3640	4320	2520	1800	1550	1070
CAL YR 1989	TOTAL 4910840		MEAN 13450	MAX 49900	MIN 2260							
WTR YR 1990	TOTAL 4751600		MEAN 13020	MAX 49900	MIN 1070							

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1948 to September 1949, October 1961 to August 1974, October 1977 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

		DIS-CHARGE, INST. CUBIC FEET PER SECOND	SAMPLE LOCATION, CROSS SECTION (FT FM L BANK)	TEMPER-ATURE WATER (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	PH (STAND-ARD UNITS)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM				
OCT													
	10...	1300	--	150	19.5	3.5	7.0	16	--	94			
	10...	1301	--	260	19.5	3.4	6.9	15	--	97			
	10...	1302	--	380	19.5	3.5	6.9	16	--	96			
	10...	1303	--	500	19.5	3.4	6.9	16	--	92			
	10...	1304	--	620	19.5	3.2	6.9	28	--	99			
	10...	1305	--	740	19.5	3.2	7.0	60	--	98			
	10...	1306	--	1000	19.5	3.1	6.9	13	--	100			
	10...	1307	--	1200	19.5	3.1	6.9	21	--	100			
	10...	1308	--	1500	20.0	3.0	6.9	10	--	100			
	10...	1309	--	2000	20.0	3.0	6.9	21	--	100			
	10...	1310	--	2500	20.0	2.9	6.9	4	--	100			
	10...	1311	--	4000	19.5	2.7	6.9	5	--	100			
	10...	1312	--	4600	19.5	0.8	6.8	10	--	91			
	10...	1313	--	5700	19.5	1.4	7.0	16	--	91			
	10...	1315	46800	--	--	--	--	18	2270	97			
DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CaCO3)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TUR-BID-ITY (NTU)	
NOV													
	14...	0820	6450	762	16.0	K11	K78	8.0	81	21	7.2	93	15
JAN													
	30...	1030	21600	761	9.5	K20	K20	10.4	91	15	7.2	81	3.3
APR													
	04...	1300	22500	754	14.5	280	2000	8.4	83	20	7.1	73	30
MAY													
	22...	0750	6890	756	23.5	K22	K170	6.7	80	24	7.1	90	17
JUL													
	17...	0830	4690	760	28.0	K42	240	6.7	86	21	7.1	118	2.5
SEP													
	05...	0933	2060	765	27.0	K67	K58	6.7	84	19	7.5	101	9.0
DATE	CALCIUM DIS-SOLVED (MG/L AS Ca)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	SODIUM, DIS-SOLVED (MG/L AS Na)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	
NOV													
	14...	4.9	2.0	2.9	10	47	1	20	8.8	0.10	8.0	10	77
JAN													
	30...	3.5	1.5	1.7	8.5	52	1	22	8.5	0.10	8.0	0.85	58
APR													
	04...	4.9	2.0	2.1	6.2	37	0.6	25	5.6	0.20	6.9	9.3	63
MAY													
	22...	5.8	2.2	1.9	9.0	43	0.8	21	8.2	<0.10	7.2	11	52
JUL													
	17...	4.7	2.3	2.6	14	55	1	25	21	<0.10	8.8	9.8	73
SEP													
	05...	4.3	2.0	2.6	12	54	1	22	8.7	<0.10	9.4	10	63

PEE DEE RIVER BASIN

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DATE	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)
NOV 14...	60	0.10	1340	<0.010	0.510	0.020	0.03	0.020	0.38	0.40	0.12	0.040
JAN 30...	48	0.08	3380	0.020	0.710	0.070	0.09	0.070	0.83	0.90	0.06	0.020
APR 04...	52	0.09	3830	0.010	0.500	0.040	0.05	0.050	0.75	0.80	0.09	0.030
MAY 22...	59	0.07	967	<0.010	0.600	0.030	0.04	0.030	0.37	0.40	0.09	0.030
JUL 17...	77	0.10	924	<0.010	0.400	0.030	0.04	0.050	0.45	0.50	0.09	0.030
SEP 05...	61	0.09	350	<0.010	0.200	<0.010	--	<0.010	--	0.30	0.06	0.020
DATE	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	
NOV 14...	0.030	0.080	50	<1	75	<0.5	<1.0	<1	<3	2	380	
JAN 30...	0.030	0.100	70	<1	45	<0.5	<1.0	<5	<3	<10	730	
APR 04...	0.050	0.100	--	--	--	--	--	--	--	--	--	
MAY 22...	0.030	0.080	30	<1	22	<0.5	<1.0	<1	<3	2	240	
JUL 17...	0.050	0.080	--	--	--	--	--	--	--	--	--	
SEP 05...	0.040	0.050	30	<1	36	<0.5	<1.0	<1	<3	2	160	
DATE	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	
NOV 14...	2	35	610	<4	27	92	<0.1	<10	1	<1	<1.0	
JAN 30...	<10	36	2100	<4	29	88	0.2	<10	<10	<1	<1.0	
APR 04...	--	30	1820	--	--	86	--	--	--	--	--	
MAY 22...	<1	30	558	<4	28	95	<0.1	<10	<1	<1	<1.0	
JUL 17...	--	48	608	--	--	99	--	--	--	--	--	
SEP 05...	1	17	95	<4	21	100	0.1	<10	1	<1	<1.0	
DATE	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	
NOV 14...	39	--	<6	28	--	--	--	--	--	--	--	
JAN 30...	25	0.03	<6	13	0.2	0.4	2.9	2.6	0.1	0.1	0.08	
MAY 22...	46	--	<6	10	--	--	--	--	--	--	--	
SEP 05...	43	--	<6	10	--	--	--	--	--	--	--	

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

PEE DEE RIVER BASIN

75

02131150 CATFISH CANAL AT SELLERS, SC

LOCATION.--Lat 34°17'04'', long 79°26'32'', Marion County, Hydrologic Unit 03040201, on right downstream wingwall of culvert on State Highway 38, 2.0 mi east of Sellers, 2.3 mi upstream from Stackhouse Creek, and at mile 25.6.

DRAINAGE AREA.--27.4 mi².

PERIOD OF RECORD.--November 1966 to current year.

REVISED RECORDS.--WRD SC-77: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 75 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Dec. 7 - 10, Mar. 12 to Apr. 11, which are poor.

AVERAGE DISCHARGE.--23 years, 26.7 ft³/s, 13.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 890 ft³/s, Mar. 4, 1971, gage height, 9.15 ft; no flow for several days in 1978, 1983, and 1984.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base discharge of 250 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 11	0215	* 225	* 6.22				

Minimum discharge, 0.35 ft³/s, Sept. 29, 30, gage height, 0.94 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	13	15	32	22	24	18	6.7	4.3	2.5	3.9	4.8
2	125	12	14	34	22	22	18	7.2	4.0	3.2	13	4.2
3	184	18	13	30	21	22	18	6.9	3.9	4.2	13	3.9
4	148	21	12	27	20	21	18	6.1	3.8	3.7	9.0	3.3
5	93	18	15	26	21	20	17	6.3	4.9	2.9	7.6	3.6
6	72	16	12	28	22	20	16	8.7	4.9	2.6	7.7	2.9
7	54	16	13	37	23	19	15	7.4	4.9	2.5	9.5	2.5
8	40	13	32	77	22	18	15	6.5	4.8	2.4	11	2.2
9	33	13	69	89	22	17	14	6.0	3.6	2.3	11	2.1
10	29	12	128	70	23	17	14	6.4	3.4	2.3	9.9	2.2
11	25	11	187	56	21	16	13	9.4	4.0	17	8.7	2.0
12	22	9.9	159	46	20	16	12	8.8	4.3	17	7.7	2.3
13	19	10	141	37	19	15	11	8.5	4.0	10	7.7	2.6
14	17	12	120	32	19	15	10	8.6	3.6	9.0	7.4	2.7
15	16	10	96	29	18	15	9.7	7.7	3.7	7.9	7.4	2.9
16	16	17	70	28	19	15	13	5.3	3.6	6.9	8.1	2.9
17	17	18	52	26	23	15	10	5.0	3.3	6.5	7.6	2.5
18	15	14	42	26	21	15	9.1	4.5	3.6	6.3	6.7	2.1
19	18	12	41	24	27	15	8.6	4.2	3.7	7.0	6.2	1.8
20	19	12	46	23	33	15	8.2	3.9	3.5	6.9	6.6	1.9
21	17	14	48	23	30	15	8.1	3.8	3.7	6.4	11	1.8
22	14	11	42	23	28	15	7.8	4.7	3.2	5.8	18	1.6
23	14	21	35	22	35	16	7.5	4.7	2.9	5.4	16	1.6
24	13	29	32	21	38	16	7.3	4.0	2.8	5.0	15	1.4
25	11	24	30	21	31	16	6.9	3.7	3.1	4.8	12	1.2
26	10	20	30	29	27	17	6.6	3.5	3.0	4.6	11	1.1
27	9.6	18	31	29	25	17	6.2	3.5	3.3	4.4	9.7	.94
28	9.6	17	30	26	25	17	6.0	5.4	3.3	4.3	8.7	.71
29	10	16	30	25	---	18	6.1	7.6	2.7	4.2	7.4	.41
30	10	14	29	25	---	18	6.0	5.9	2.6	4.1	6.4	.43
31	11	---	28	24	---	18	---	4.7	---	4.0	5.6	---
TOTAL	1116.2	461.9	1642	1045	677	535	336.1	185.6	110.4	176.1	290.5	66.59
MEAN	36.0	15.4	53.0	33.7	24.2	17.3	11.2	5.99	3.68	5.68	9.37	2.22
MAX	184	29	187	89	38	24	18	9.4	4.9	17	18	4.8
MIN	9.6	9.9	12	21	18	15	6.0	3.5	2.6	2.3	3.9	.41

CAL YR 1989 TOTAL 10166.79 MEAN 27.9 MAX 200 MIN .78
WTR YR 1990 TOTAL 6642.39 MEAN 18.2 MAX 187 MIN .41

PEE DEE RIVER BASIN
02131309 FORK CREEK AT JEFFERSON, SC

LOCATION.--Lat 34°38'19'', long 80°23'20'', Chesterfield County, Hydrologic Unit 03040202, on upstream side, at center of span on State Highway 151 bridge, 1.0 mi south of intersection of State Highways 265 and 151, at Jefferson.

DRAINAGE AREA.--24.3 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 302.68 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: Oct. 2 - 19, Jan 3 - 25, and May 22 to June 28, which are poor.

AVERAGE DISCHARGE.--14 years, 23.8 ft³/s, 13.30 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,560 ft³/s, Feb. 24, 1979, gage height, 7.89 ft; no flow for several days in 1983, 1986, 1987, 1988, and 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 2	1100	* 1060	* 7.60	No other peak greater than base discharge.			

Minimum daily, no flow Aug. 2 - 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83	12	18	43	31	34	53	18	2.7	.50	.03	.63
2	605	27	17	33	30	35	42	9.0	2.2	1.0	.00	.50
3	158	45	17	21	30	119	35	6.3	2.2	.89	.00	.45
4	69	28	15	21	31	74	30	5.4	2.2	.68	.00	.42
5	45	19	16	21	32	49	27	9.9	1.8	.51	.00	.51
6	38	16	15	30	25	42	24	8.1	1.5	.38	.05	.43
7	33	16	16	33	24	38	35	5.7	1.3	.29	1.1	.34
8	29	16	123	125	22	35	28	4.8	1.2	.22	1.3	.26
9	26	20	166	63	24	37	24	4.5	1.2	.59	11	.30
10	23	20	102	42	126	39	23	36	1.3	.76	5.1	.35
11	21	15	80	35	62	33	24	26	1.2	1.0	2.4	.32
12	19	13	70	31	42	30	20	14	1.1	2.4	1.3	.39
13	16	13	136	27	35	29	18	8.1	.98	5.1	.96	1.3
14	15	13	80	26	32	27	17	5.8	.98	2.3	.68	2.3
15	15	27	56	25	29	27	23	4.8	.97	1.8	.50	1.4
16	14	57	48	24	46	29	25	4.1	1.1	1.4	.52	.91
17	13	38	43	26	77	55	22	3.5	1.0	1.6	.79	.67
18	15	26	41	23	43	87	17	3.4	.91	4.2	.95	.40
19	31	21	43	22	213	46	15	3.0	.79	2.2	.79	.38
20	26	20	44	22	137	36	14	2.6	.57	1.7	.58	.38
21	20	19	42	31	66	30	14	2.9	.61	1.3	6.0	.35
22	19	17	38	27	83	28	12	9.8	.78	1.0	26	1.0
23	17	44	33	23	103	26	11	5.9	.92	.81	5.9	1.1
24	16	34	31	21	64	25	9.0	4.2	.73	.56	3.6	.77
25	15	26	32	27	45	23	7.5	3.1	.69	.40	2.9	.52
26	14	24	34	61	39	23	6.8	3.0	.65	.31	2.3	.50
27	13	22	33	39	37	29	5.6	2.4	.63	.26	2.0	.37
28	13	22	32	32	36	24	4.7	3.7	.55	.17	1.5	.32
29	13	23	31	32	---	34	20	17	.77	.11	1.2	.32
30	13	19	31	42	---	40	27	7.0	.59	.10	.82	.35
31	13	---	32	36	---	77	---	3.7	---	.08	.74	---
TOTAL	1460	712	1515	1064	1564	1260	633.6	245.7	34.12	34.62	81.11	18.24
MEAN	47.1	23.7	48.9	34.3	55.9	40.6	21.1	7.93	1.14	1.12	2.62	.61
MAX	605	57	166	125	213	119	53	36	2.7	5.1	26	2.3
MIN	13	12	15	21	22	23	4.7	2.4	.55	.08	.00	.26

CAL YR 1989 TOTAL 12988.0 MEAN 35.6 MAX 605 MIN 2.5
WTR YR 1990 TOTAL 8622.39 MEAN 23.6 MAX 605 MIN .00

PEE DEE RIVER BASIN

77

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC

LOCATION.--Lat 34°30'58'', long 80°34'59'', Lancaster County, Hydrologic Unit 03040202, on right side, on downstream side of bridge on State Road 770, 2.1 mi south of Kershaw, and 4.0 mi upstream from mouth.

DRAINAGE AREA.--23.9 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Some possible regulation by Kershaw City Reservoir located about 1 mile upstream.

AVERAGE DISCHARGE.--10 years, 23.5 ft³/s, 13.36 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 918 ft³/s, Aug. 18, 1985, gage height 9.43 ft; minimum daily, 0.13 ft³/s, July 10, 21, 30, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1370 ft³/s, Oct. 2, gage height, 9.64; minimum daily, 1.4 ft³/s, Aug. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	271	19	18	35	28	39	41	18	8.3	3.2	2.0	3.1
2	938	23	18	26	28	38	33	17	8.0	3.8	1.8	2.9
3	227	26	18	24	27	178	31	16	8.3	3.1	1.8	2.8
4	92	20	17	24	29	87	28	16	8.2	2.7	1.4	2.5
5	62	18	17	23	29	60	26	20	7.7	2.4	2.2	2.4
6	50	18	17	37	24	50	25	18	6.9	2.2	2.5	2.2
7	44	18	17	40	24	45	33	16	6.7	2.1	2.7	2.1
8	39	19	161	156	23	41	26	15	6.2	2.1	3.0	2.1
9	34	22	195	87	26	41	25	14	5.9	2.2	15	2.2
10	31	22	118	54	131	40	25	39	6.1	2.9	8.7	3.4
11	30	18	79	43	55	37	26	23	5.6	2.7	7.1	3.7
12	28	18	76	38	40	35	24	16	4.5	2.1	4.7	4.0
13	27	17	184	32	32	34	23	14	4.0	5.1	3.2	5.6
14	27	17	88	30	29	32	23	13	4.1	7.8	2.6	6.2
15	26	26	59	29	27	32	29	13	8.1	7.6	2.7	4.9
16	25	42	47	28	46	34	25	12	11	4.9	2.5	4.1
17	24	30	40	30	79	47	23	14	7.2	4.9	2.4	3.2
18	25	22	37	27	43	64	21	15	5.7	10	2.5	2.3
19	29	19	39	26	435	41	20	12	4.7	7.4	2.4	2.2
20	25	20	38	25	145	35	20	11	4.2	11	2.2	2.0
21	22	19	35	38	73	32	21	13	4.0	8.1	24	2.6
22	21	18	30	32	104	30	20	12	10	5.5	36	6.9
23	20	37	27	27	210	29	20	11	7.8	4.1	17	9.7
24	20	27	26	25	87	28	19	9.8	5.4	3.4	13	5.0
25	19	22	26	33	59	27	19	9.2	4.5	2.9	18	3.6
26	19	21	28	71	48	27	18	8.6	4.0	2.6	15	3.1
27	18	21	26	41	44	29	17	8.3	3.8	2.3	8.1	2.7
28	18	20	25	34	42	26	17	8.7	3.6	2.2	5.5	2.4
29	18	21	25	34	---	32	28	17	3.7	2.3	4.3	2.5
30	18	19	25	41	---	34	21	12	3.2	2.1	3.7	2.8
31	19	---	26	32	---	57	---	9.1	---	2.0	3.2	---
TOTAL	2266	659	1582	1222	1967	1361	727	450.7	181.4	127.7	221.2	105.2
MEAN	73.1	22.0	51.0	39.4	70.2	43.9	24.2	14.5	6.05	4.12	7.14	3.51
MAX	938	42	195	156	435	178	41	39	11	11	36	9.7
MIN	18	17	17	23	23	26	17	8.3	3.2	2.0	1.4	2.0

CAL YR 1989 TOTAL 14861.7 MEAN 40.7 MAX 938 MIN 6.8
WTR YR 1990 TOTAL 10870.2 MEAN 29.8 MAX 938 MIN 1.4

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC
(National stream-quality accounting network station)

LOCATION.--Lat 34°03'05'', long 79°45'15'', Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad Bridge, 1.0 mi south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1929 to current. Gage-height records collected at same site since 1891 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 58.49 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--61 years, 1,032 ft³/s, 13.61 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 25,000 ft³/s, Sept. 22, 1945, gage height, 21.21 ft, from rating curve extended above 17,000 ft³/s; minimum, 94 ft³/s, Oct. 10, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,520 ft³/s, Oct. 10, gage height, 15.46 ft; minimum, 187 ft³/s, Aug. 6, gage height, 1.97.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1150	954	1070	1440	1230	2900	1420	556	535	241	213	776
2	1660	934	1040	1380	1230	2600	1300	533	458	235	208	631
3	3230	926	1030	1330	1260	2460	1210	505	433	230	203	468
4	4610	898	1030	1290	1330	2480	1130	489	447	229	199	363
5	4920	885	1010	1250	1460	2350	1080	546	464	228	193	312
6	4610	925	994	1240	1510	2080	1050	650	446	227	189	285
7	4060	1020	970	1250	1460	1810	1050	678	399	229	192	267
8	3500	1030	1050	1470	1390	1580	1070	671	363	227	195	255
9	4630	1030	1380	1630	1330	1420	1120	638	340	220	196	249
10	6310	1020	1860	1690	1280	1320	1180	600	322	212	192	240
11	6230	1000	2130	1700	1240	1260	1230	569	307	210	192	235
12	5270	989	2330	1690	1190	1330	1190	544	295	203	212	235
13	4230	983	2440	1650	1150	1600	1090	523	291	199	259	235
14	3380	977	2410	1600	1110	1710	994	497	290	202	309	278
15	2750	968	2300	1570	1080	1590	922	474	288	207	397	315
16	2330	978	2220	1570	1060	1420	873	469	295	211	450	308
17	2050	966	2400	1710	1080	1290	836	499	352	214	479	309
18	1870	945	2980	2050	1120	1320	795	534	372	232	476	329
19	1750	932	3230	2200	1310	1280	753	531	325	259	398	360
20	1650	929	3140	2100	1670	1220	718	488	307	279	329	380
21	1530	926	2980	1920	1860	1170	690	448	311	280	311	376
22	1410	918	2970	1740	1850	1130	674	422	325	268	323	341
23	1300	969	2920	1580	1750	1090	679	412	329	258	326	305
24	1210	1050	2700	1440	1680	1070	698	397	309	261	354	281
25	1150	1110	2400	1340	1600	1060	705	383	284	274	339	265
26	1090	1150	2180	1330	1650	1070	682	370	267	280	334	256
27	1060	1190	2000	1300	2270	1120	635	355	258	282	368	258
28	1030	1190	1840	1270	2920	1150	584	415	256	271	423	274
29	1000	1160	1700	1240	---	1200	580	1140	255	251	477	282
30	990	1120	1590	1230	---	1300	573	1130	250	236	533	270
31	976	---	1500	1220	---	1390	---	731	---	224	732	---
TOTAL	82936	30072	61794	47420	41070	47770	27511	17197	10173	7379	10001	9738
MEAN	2675	1002	1993	1530	1467	1541	917	555	339	238	323	325
MAX	6310	1190	3230	2200	2920	2900	1420	1140	535	282	732	776
MIN	976	885	970	1220	1060	1060	573	355	250	199	189	235

CAL YR 1989 TOTAL 515946 MEAN 1414 MAX 6310 MIN 339
WTR YR 1990 TOTAL 393061 MEAN 1077 MAX 6310 MIN 189

PEE DEE RIVER BASIN

79

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--OCTOBER 1951 to September 1952, October 1960 to April 1966, July 1969 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE OF WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCHI, KF AGAR (COLS. PER 100 ML)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CaCO3)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
NOV 14...	1200	978	763	17.0	K33	K190	6.8	70	15	6.9	86
JAN 30...	1400	1220	760	12.5	40	K130	8.7	82	4	6.9	70
APR 04...	0800	1140	755	16.0	50	K270	5.6	57	17	6.8	70
MAY 22...	1330	421	755	25.0	22	100	6.0	73	15	7.2	142
JUL 17...	1430	215	770	28.5	K25	K25	6.7	86	11	7.2	119
SEP 06...	0820	287	765	25.5	K17	58	6.7	82	14	7.4	90

DATE	TUR-BID-ITY (NTU)	CALCIUM DIS-SOLVED (MG/L AS Ca)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	SODIUM, DIS-SOLVED (MG/L AS Na)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	BONATE WATER DIS IT FIELD MG/L AS HCO3	BICAR-CHLO-RIDE, DIS-SOLVED (MG/L AS Cl)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV 14...	2.5	3.6	1.5	2.2	12	59	1	16	10	0.10
JAN 30...	5.3	0.70	0.44	0.90	3.3	60	0.8	16	4.8	0.10
APR 04...	4.5	3.9	1.7	1.7	8.1	48	0.9	20	7.9	0.20
MAY 22...	4.4	3.4	1.6	1.4	17	69	2	21	13	<0.10
JUL 17...	34	2.4	1.3	1.3	20	77	3	18	20	<0.10
SEP 06...	4.7	3.2	1.4	1.5	11	60	1	16	7.1	<0.10

DATE	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)
NOV 14...	9.0	5.1	64	53	0.09	169	<0.010	<0.100	0.030	0.04
JAN 30...	1.0	0.91	37	22	0.05	122	0.010	0.130	0.030	0.04
APR 04...	5.7	4.4	53	44	0.07	163	<0.010	0.200	0.040	0.05
MAY 22...	11	6.9	73	68	0.10	83.0	<0.010	0.300	0.040	0.05
JUL 17...	9.4	5.3	68	70	0.09	39.5	<0.010	0.300	<0.010	--
SEP 06...	10	8.2	59	53	0.08	45.7	<0.010	0.200	0.040	0.05

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DATE	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)
NOV 14...	0.040	0.56	0.60	0.12	0.040	0.030	0.060	60	<1	60
JAN 30...	0.030	0.47	0.50	0.03	0.010	0.020	0.030	310	<1	60
APR 04...	0.060	1.1	1.2	0.03	0.010	0.030	0.050	--	--	--
MAY 22...	0.050	0.35	0.40	0.09	0.030	0.060	0.070	40	<1	23
JUL 17...	0.060	0.34	0.40	0.09	0.030	0.040	0.050	--	--	--
SEP 06...	0.070	0.43	0.50	0.15	0.050	0.040	0.050	50	<1	29

DATE	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)
NOV 14...	<0.5	<1.0	<1	<3	2	900	1	9	24	<4
JAN 30...	<0.5	<1.0	<5	<3	<10	620	<10	8	26	<4
APR 04...	--	--	--	--	--	--	--	10	31	--
MAY 22...	<0.5	<1.0	<1	6	2	1300	2	7	8.0	<4
JUL 17...	--	--	--	--	--	--	--	4	2.3	--
SEP 06...	<0.5	<1.0	<1	<3	3	1400	1	7	5.4	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
NOV 14...	41	88	<0.1	<10	1	<1	<1.0	25	<6	25
JAN 30...	36	67	0.1	<10	<10	<1	<1.0	5	<6	25
APR 04...	--	86	--	--	--	--	--	--	--	--
MAY 22...	90	93	<0.1	<10	<1	<1	<1.0	24	<6	12
JUL 17...	--	100	--	--	--	--	--	--	--	--
SEP 06...	130	99	<0.1	<10	1	<1	<1.0	22	<6	19

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

PEE DEE RIVER BASIN

81

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, SC

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

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

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 23.95 ft above National Geodetic Vertical Datum 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: Dec. 12 - 13, which are poor.

AVERAGE DISCHARGE.--49 years, 3,105 ft³/s, 15.11 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 27,600 ft³/s, Oct. 9, 10, 1964, gage height, 13.01 ft; minimum, 155 ft³/s, Oct. 12, 13, 1954.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,690 ft³/s, Dec. 17, gage height, 9.43 ft; minimum, 179 ft³/s, July 13, gage height, 2.59.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1920	1400	2200	4420	2980	3420	2570	1130	664	224	246	888
2	2340	1440	2210	4360	2910	3470	2780	1100	662	222	269	787
3	2760	1560	2230	4290	2860	3510	3050	1080	663	216	284	726
4	3280	1620	2210	4230	2860	3490	3180	1070	662	208	280	651
5	3960	1710	2180	4160	2860	3460	3170	1090	654	203	285	562
6	4540	1770	2150	4110	2840	3390	3070	1130	645	199	264	487
7	4920	1830	2110	4090	2830	3290	2980	1160	636	197	264	428
8	5170	1850	2230	4190	2810	3190	2920	1190	618	194	268	383
9	5310	1870	2490	4280	2780	3070	2860	1190	595	189	298	351
10	5350	1890	2850	4520	2750	2950	2810	1230	573	190	366	324
11	5310	1900	3250	4780	2720	2830	2780	1210	546	189	618	305
12	5150	1890	3870	4990	2680	2710	2760	1170	515	185	818	294
13	4890	1870	4630	5170	2650	2610	2740	1140	470	180	817	283
14	4570	1830	5410	5340	2620	2520	2730	1090	424	185	766	271
15	4260	1790	5970	5430	2580	2450	2710	1040	392	201	723	264
16	3950	1790	6400	5440	2550	2410	2680	993	370	219	691	259
17	3690	1790	6640	5360	2540	2390	2610	950	352	224	822	254
18	3460	1800	6680	5210	2500	2390	2530	898	336	232	866	253
19	3300	1820	6600	5020	2560	2370	2450	843	320	248	964	252
20	3100	1830	6440	4800	2570	2340	2340	802	302	264	977	255
21	2860	1820	6250	4580	2610	2300	2190	776	292	280	825	257
22	2640	1790	6070	4370	2660	2240	2040	747	283	302	743	259
23	2420	1830	5900	4170	2740	2170	1910	720	276	309	874	256
24	2210	1870	5750	3990	2820	2110	1770	699	269	314	1110	248
25	2020	1900	5470	3820	2930	2060	1640	672	259	313	1230	239
26	1850	1960	5280	3700	3080	2040	1500	640	252	311	1290	233
27	1720	2020	5210	3520	3220	2050	1380	608	245	299	1250	231
28	1600	2080	4960	3370	3340	2030	1290	604	237	286	1290	234
29	1500	2120	4740	3250	---	2120	1230	677	227	271	1270	234
30	1440	2170	4580	3140	---	2230	1180	669	224	259	1180	231
31	1410	---	4480	3060	---	2370	---	671	---	250	1030	---
TOTAL	102900	54810	137440	135160	77850	81980	71850	28989	12963	7363	22978	10699
MEAN	3319	1827	4434	4360	2780	2645	2395	935	432	238	741	357
MAX	5350	2170	6680	5440	3340	3510	3180	1230	664	314	1290	888
MIN	1410	1400	2110	3060	2500	2030	1180	604	224	180	246	231

CAL YR 1989 TOTAL 1072400 MEAN 2938 MAX 8860 MIN 709
WTR YR 1990 TOTAL 744982 MEAN 2041 MAX 6680 MIN 180

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'39'', long 79°09'17'', Horry County, Hydrologic Unit 03040201, on north bank of the Pee Dee River, 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 1989 to September 1990.

GAGE.--Water-stage recorder. Datum of gage is 7.92 ft below National Geodetic Vertical Datum of 1929. Four auxiliary water-stage recorders (sta. 02110705, 02110777, 02110815, and 02135190) are used in conjunction with this station for computation of discharge.

REMARKS.--Estimated daily discharges: Dec. 24 to Jan. 4. Records poor. Discharge computed by utilization of the one-dimensional unsteady-flow simulation model.

EXTREMES FOR PERIOD OF DAILY RECORD.--Maximum daily discharge, 45,500 ft³/s, Oct. 16, 1989; minimum daily discharge, 2,720 ft³/s, Sept. 27, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 45,500 ft³/s, Oct. 16; minimum daily discharge, 2,720 ft³/s, Sept. 27.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17300	19300	14100	24500	21900	36900	21200	9470	12600	4890	4330	8190
2	17700	17600	14300	23600	22200	38000	20800	8800	14000	4290	4590	8880
3	19100	16900	14500	22800	22700	38500	21200	9870	14500	4230	4660	9260
4	19900	15800	13000	22000	22900	38000	21200	10700	15400	4370	3780	7360
5	20400	15100	13200	21400	23000	36800	21300	11900	15200	3570	3520	5730
6	21100	15100	13000	20300	23000	35100	22000	11600	16600	3650	4150	5310
7	21600	14300	12700	19400	23200	32400	22600	12700	18300	3990	6320	6850
8	21700	12800	12300	19600	22900	30800	22800	13800	19300	3800	6880	6650
9	23700	11400	13300	20100	22800	30200	23700	14100	20300	3240	6280	6490
10	26600	11300	15100	20500	22800	29700	24400	15300	21200	2850	6380	7020
11	31000	11100	16300	20300	22100	28900	25200	15400	20900	3240	6520	5560
12	37100	11800	17200	21200	22200	28600	24400	15400	20100	2980	7240	4490
13	41400	11400	18600	21500	21800	28300	23700	16200	18900	2910	6210	4780
14	43900	10800	19700	21800	21900	27400	22700	16300	17100	4800	4670	5240
15	45200	11200	20700	22900	21600	26600	22000	16000	14400	5410	3990	5510
16	45500	12400	22200	24000	21800	25900	21100	16500	11600	4590	4200	5210
17	44500	11400	23700	24800	22100	25300	20200	17300	10200	4280	5980	5210
18	42800	12100	25700	25500	21800	24700	18700	16900	8910	4990	8270	4670
19	40400	12400	27500	26100	23900	23500	17300	16800	7270	6550	8700	4540
20	37100	13000	29000	25900	25100	22900	17600	16700	4750	7160	7330	4270
21	32400	12900	30200	26100	26400	22100	17100	16500	6060	8030	5350	5010
22	29400	11900	31000	25400	27600	21600	16400	15500	7140	8140	4360	7110
23	26700	12900	31900	24600	28500	21500	16300	13400	7320	7930	5940	6800
24	24900	12200	31000	23900	30000	21000	16600	12000	7020	6490	7280	5750
25	23300	12100	30100	23400	30500	20700	16700	10500	7360	4050	8710	4400
26	22300	12700	29300	23600	31500	20600	16100	10000	6770	4870	8600	3870
27	21800	13100	28400	22600	33600	20500	15500	10000	4990	6170	7250	2720
28	21400	13800	27600	22200	35800	20300	14600	9880	4930	6750	6260	2970
29	20500	13900	26700	21900	---	21000	14200	11300	5500	7510	5300	5210
30	19900	14000	26000	22100	---	21600	12900	11500	5770	7420	5230	3940
31	19700	---	25200	21900	---	21400	---	11600	---	5580	6880	---
TOTAL	880300	396700	673500	705900	695600	840800	590500	413920	364390	158730	185160	169000
MEAN	28400	13220	21730	22770	24840	27120	19680	13350	12150	5120	5973	5633
MAX	45500	19300	31900	26100	35800	38500	25200	17300	21200	8140	8710	9260
MIN	17300	10800	12300	19400	21600	20300	12900	8800	4750	2850	3520	2720

WTR YR 1990 TOTAL 6074500 MEAN 16640 MAX 45500 MIN 2720

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'39'', long 79°09'17'', Georgetown County, Hydrologic Unit 03040201, on left bank 50 ft under U.S. Highway 701 bridge, 0.5 mi upstream of the confluence of Bull Creek, 2.9 mi west of Bucksport and at mile 28.4.

PERIOD OF RECORD.--February 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to current year.

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: February 1986 to current year.

INSTRUMENTATION.--USGS mini-monitor.

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, July 30, Aug. 9, 28, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, July 28, Aug. 9, 1987; minimum, 0.5°C, Dec. 24 - 28, 1989.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Dec. 25, 26, 29, 30, 1989; minimum, 1.1 mg/L, Oct. 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 168 microsiemens, July 12, Sept. 30; minimum, 70 microsiemens, Oct. 16, 17, Feb. 27, 28, Mar. 1 - 6, 11, 12, 15.

WATER TEMPERATURE: Maximum, 31.5°C, July 12, 13; minimum, 0.5°C, Dec. 24 - 28.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Dec. 25, 26, 29, 30; minimum, 1.1 mg/L, Oct. 7, 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	110	100	105	---	---	---	100	90	100	90	80	82
2	110	100	103	---	---	---	100	90	98	90	80	82
3	110	100	104	---	---	---	100	90	99	90	80	84
4	110	100	104	---	---	---	100	90	100	90	80	85
5	110	100	105	---	---	---	100	90	100	90	80	83
6	110	90	99	---	---	---	100	90	97	90	80	83
7	---	---	---	---	---	---	100	90	97	100	80	88
8	---	---	---	---	---	---	110	90	100	100	80	90
9	---	---	---	---	---	---	110	100	101	90	80	88
10	---	---	---	100	90	97	100	90	99	90	80	86
11	---	---	---	100	90	99	100	90	94	90	80	87
12	100	80	89	110	90	100	90	80	86	100	90	95
13	90	80	84	110	100	105	100	80	90	100	90	95
14	90	80	81	110	100	104	100	90	94	100	90	92
15	90	80	84	110	90	101	100	80	90	100	80	90
16	90	70	80	100	100	100	100	80	90	90	80	90
17	100	70	86	100	90	99	100	90	90	90	80	88
18	110	90	101	120	100	108	100	80	90	90	80	86
19	100	80	87	110	90	103	90	80	86	90	80	88
20	100	80	82	110	90	98	90	80	84	90	80	87
21	80	80	80	100	90	95	90	80	84	90	80	86
22	80	80	80	100	90	94	90	80	81	90	80	87
23	80	80	80	110	90	97	80	80	80	90	80	87
24	80	80	80	110	100	108	90	80	81	90	80	90
25	90	80	83	110	100	106	90	80	81	90	80	86
26	90	80	86	100	90	98	90	80	81	100	80	91
27	---	---	---	100	90	95	90	80	81	100	90	90
28	---	---	---	100	80	90	90	80	82	100	90	90
29	---	---	---	100	80	92	90	80	82	90	80	88
30	---	---	---	110	100	103	90	80	81	90	80	90
31	---	---	---	---	---	---	90	80	81	90	80	89
MONTH	110	70	90	120	80	100	110	80	90	100	80	88

PEE DEE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	90	80	89	80	70	79	90	80	85	100	90	93
2	90	80	86	80	70	77	90	80	86	103	90	99
3	90	80	87	80	70	75	90	80	87	106	100	103
4	90	80	87	80	70	79	90	80	88	111	97	104
5	90	80	87	80	70	79	90	80	84	96	93	94
6	90	80	88	80	70	78	90	80	86	102	93	99
7	90	80	88	80	80	80	90	80	83	98	90	95
8	90	80	88	90	80	82	90	80	83	94	89	91
9	90	80	88	90	80	81	90	80	82	96	93	95
10	90	80	89	90	80	80	90	80	81	93	88	90
11	90	90	90	90	70	80	90	80	81	92	87	89
12	100	90	90	80	70	79	90	80	82	92	89	91
13	100	80	90	90	80	81	90	80	82	91	88	89
14	90	80	88	90	80	81	90	80	84	89	88	89
15	90	80	88	80	70	79	90	80	84	93	88	91
16	90	80	85	90	80	81	90	80	85	93	92	92
17	90	80	85	90	80	84	90	80	84	93	91	92
18	90	80	87	90	80	85	90	80	88	93	91	92
19	90	80	85	90	80	84	90	80	86	93	92	92
20	90	80	86	90	80	83	90	80	85	94	92	93
21	90	80	86	90	80	87	90	80	85	94	92	93
22	90	80	86	90	80	83	90	80	86	97	93	95
23	90	80	82	90	80	85	90	80	85	102	96	99
24	90	80	81	90	80	86	90	80	86	105	100	102
25	90	80	80	90	80	84	90	80	86	107	104	105
26	90	80	81	90	80	85	90	80	86	110	104	106
27	90	70	79	90	80	86	100	80	89	112	106	109
28	80	70	78	90	80	86	100	80	90	108	105	107
29	---	---	---	90	80	86	100	90	91	109	101	106
30	---	---	---	90	80	85	100	90	91	113	101	107
31	---	---	---	90	80	84	---	---	---	111	97	103
MONTH	100	70	86	90	70	82	100	80	85	113	87	97
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	95	86	92	136	127	131	126	108	116	127	119	122
2	93	86	90	142	127	135	125	112	117	119	105	109
3	90	86	88	130	123	126	123	111	115	110	102	106
4	88	86	87	128	120	125	122	110	118	111	107	109
5	88	86	87	145	126	137	132	118	126	112	109	110
6	88	85	87	148	140	145	134	129	131	113	109	111
7	88	85	86	146	139	142	135	124	130	114	107	110
8	86	85	86	141	128	135	130	115	121	112	104	107
9	88	86	87	134	127	131	128	122	125	117	105	113
10	89	87	88	134	130	132	134	118	123	113	105	108
11	90	88	89	141	133	135	136	117	122	120	108	112
12	94	90	92	168	134	142	142	120	131	118	113	116
13	99	94	95	164	140	143	145	133	140	122	116	120
14	108	99	102	156	135	141	138	133	135	135	123	130
15	109	104	106	155	112	124	140	129	135	139	124	131
16	110	105	109	149	122	128	143	136	140	138	125	131
17	116	104	109	152	129	135	142	132	135	126	122	124
18	119	115	117	149	117	128	141	124	132	131	123	127
19	116	110	112	132	114	122	140	119	127	126	121	124
20	118	114	116	141	117	122	125	118	122	131	122	126
21	120	116	118	122	110	114	131	125	127	134	128	132
22	124	116	121	139	107	117	135	130	132	148	131	138
23	125	116	121	142	104	112	145	134	139	149	130	144
24	118	106	111	120	106	109	150	138	146	129	122	125
25	128	106	121	129	108	115	146	129	136	142	124	128
26	122	112	117	122	112	119	145	113	128	148	139	144
27	125	116	119	126	114	118	116	111	114	157	147	153
28	125	118	122	142	111	119	117	113	115	158	153	156
29	128	122	124	127	111	119	119	115	117	157	154	155
30	130	123	125	124	105	110	124	119	121	168	146	157
31	---	---	---	126	107	113	126	121	124	---	---	---
MONTH	130	85	104	168	104	127	150	108	127	168	102	126
YEAR	168	70	100									

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.0	21.5	22.0	17.5	17.0	17.0	11.5	10.5	11.0	5.0	4.0	4.5
2	22.0	21.5	22.0	17.5	17.0	17.5	11.0	10.5	10.5	5.0	4.5	5.0
3	23.0	22.0	22.5	17.5	17.5	17.5	10.5	9.5	10.5	5.5	5.0	5.0
4	23.0	22.5	22.5	17.5	16.5	17.0	9.5	9.0	9.0	6.5	5.5	6.0
5	22.5	22.0	22.0	16.5	16.5	16.5	8.5	8.0	8.5	7.0	6.5	6.5
6	22.0	21.5	21.5	16.5	16.0	16.5	8.5	8.0	8.5	7.5	7.0	7.0
7	22.0	21.5	22.0	16.5	16.0	16.5	9.0	8.5	8.5	7.5	7.5	7.5
8	22.0	21.0	21.5	17.0	16.5	17.0	8.5	8.5	8.5	8.0	7.5	7.5
9	21.0	20.0	20.5	17.5	16.5	17.0	8.5	7.5	8.0	7.5	7.5	7.5
10	20.0	19.0	19.5	17.0	16.5	17.0	8.0	7.0	7.5	7.5	7.5	7.5
11	19.5	19.0	19.5	17.0	16.0	16.5	7.5	7.0	7.5	7.5	7.5	7.5
12	19.5	19.0	19.5	16.5	16.0	16.5	7.5	7.0	7.5	8.0	7.5	8.0
13	19.5	19.0	19.5	16.5	16.0	16.5	7.0	6.5	7.0	7.5	7.0	7.5
14	19.5	19.5	19.5	17.0	16.5	16.5	6.5	6.0	6.0	7.0	6.5	7.0
15	20.0	19.5	20.0	17.0	16.5	17.0	6.5	6.0	6.0	7.0	6.5	7.0
16	20.5	20.0	20.0	17.0	16.5	17.0	6.5	6.0	6.5	7.5	7.0	7.0
17	21.0	20.5	20.5	16.0	15.0	15.5	6.0	5.0	5.5	8.0	7.0	7.5
18	21.0	21.0	21.0	14.5	14.0	14.5	5.0	4.5	5.0	8.5	8.0	8.0
19	21.5	21.0	21.0	14.0	13.5	13.5	4.5	4.0	4.5	9.0	8.5	8.5
20	21.0	19.0	20.0	13.5	13.0	13.0	4.0	4.0	4.0	9.5	9.0	9.0
21	19.0	18.0	18.5	13.0	12.5	12.5	4.0	3.5	4.0	10.5	9.5	10.0
22	18.0	17.5	17.5	12.5	12.0	12.0	4.0	3.0	3.5	11.0	10.5	10.5
23	17.5	17.0	17.0	12.0	11.0	11.5	2.5	1.0	2.0	10.5	10.0	10.5
24	17.0	16.5	16.5	11.0	10.0	10.5	1.0	.5	.5	10.5	10.5	10.5
25	16.5	16.0	16.5	10.5	9.5	10.0	.5	.5	.5	11.5	10.5	11.0
26	16.5	16.0	16.5	10.5	9.5	10.0	1.0	.5	1.0	11.5	11.0	11.0
27	16.5	16.0	16.5	11.0	10.0	10.5	1.0	.5	1.0	11.0	10.5	10.5
28	16.5	16.0	16.0	12.0	11.0	11.5	1.5	.5	1.0	10.5	10.0	10.0
29	16.5	16.0	16.0	12.5	12.0	12.0	1.5	1.0	1.5	11.0	10.0	10.5
30	17.0	16.5	16.5	12.0	11.0	11.5	2.5	1.5	2.0	10.5	10.5	10.5
31	17.0	17.0	17.0	---	---	---	4.0	2.5	3.0	11.0	10.5	10.5
MONTH	23.0	16.0	19.5	17.5	9.5	14.5	11.5	.5	5.5	11.5	4.0	8.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	10.5	10.5	11.0	10.5	11.0	15.5	14.5	15.0	23.0	22.0	22.5
2	12.0	11.0	11.5	11.0	10.5	11.0	16.0	15.0	15.5	24.5	23.0	23.5
3	12.5	11.5	12.0	12.0	11.0	11.5	16.0	15.5	16.0	24.5	23.5	24.5
4	13.5	12.5	13.0	12.5	11.5	12.0	16.0	15.5	15.5	24.5	24.0	24.0
5	13.5	12.5	13.0	12.5	12.0	12.5	16.0	15.0	15.5	24.0	23.5	24.0
6	12.5	12.0	12.5	13.0	12.0	12.5	16.5	15.5	16.0	23.5	22.5	23.0
7	13.0	12.0	12.5	13.0	12.5	13.0	17.0	16.5	16.5	22.5	21.5	21.5
8	12.5	12.5	12.5	12.5	12.0	12.0	16.5	16.0	16.0	21.0	20.5	21.0
9	13.0	12.5	12.5	12.0	11.5	12.0	16.0	15.5	16.0	21.0	20.5	20.5
10	13.5	13.0	13.0	13.0	12.0	12.5	16.5	15.5	16.0	21.0	20.5	20.5
11	13.5	13.0	13.0	13.5	12.5	13.0	17.0	16.5	16.5	21.0	20.5	20.5
12	13.0	12.5	12.5	15.0	13.5	14.0	16.5	16.0	16.5	21.0	20.5	21.0
13	12.5	12.0	12.5	16.0	14.5	15.0	16.5	16.0	16.0	21.5	21.0	21.0
14	13.0	12.0	12.5	16.5	15.5	16.0	16.5	16.0	16.0	22.0	21.0	21.5
15	13.5	12.5	13.0	17.5	16.5	17.0	16.5	16.0	16.0	22.5	21.5	22.0
16	14.5	13.5	14.0	18.5	17.5	18.0	17.0	16.5	16.5	23.0	22.0	22.5
17	15.5	14.5	15.0	19.0	18.5	18.5	18.5	17.0	17.5	24.0	22.5	23.5
18	15.0	14.0	14.5	19.0	18.5	18.5	18.5	17.5	18.0	24.0	23.5	23.5
19	14.0	13.5	14.0	18.5	18.0	18.0	17.5	17.0	17.5	24.0	23.0	23.5
20	13.5	13.0	13.5	18.0	16.5	17.5	18.0	17.0	17.5	24.0	23.0	23.5
21	13.0	12.0	12.5	16.5	15.0	15.5	18.5	17.5	18.0	24.5	23.5	24.0
22	13.5	12.5	13.0	15.0	14.5	15.0	19.0	18.0	18.5	24.5	24.0	24.0
23	13.5	13.5	13.5	15.5	14.5	15.0	19.0	18.0	18.5	23.5	23.0	23.5
24	13.5	12.5	13.0	16.0	15.0	15.5	19.5	18.5	19.0	23.5	23.0	23.0
25	13.0	12.0	12.5	16.5	15.5	16.0	20.0	19.0	19.5	23.0	22.5	23.0
26	11.5	10.5	11.0	16.5	16.0	16.0	21.0	19.5	20.5	24.0	23.0	23.5
27	10.5	10.0	10.5	16.0	15.5	15.5	21.5	20.5	21.0	24.0	23.5	24.0
28	11.0	10.0	10.5	15.5	14.5	15.0	21.5	21.0	21.5	24.0	23.5	24.0
29	---	---	---	15.0	14.5	15.0	21.5	21.0	21.5	24.0	23.5	24.0
30	---	---	---	14.5	14.5	14.5	22.5	21.0	21.5	24.5	23.5	24.0
31	---	---	---	14.5	14.0	14.5	---	---	---	24.0	23.5	24.0
MONTH	15.5	10.0	12.5	19.0	10.5	14.5	22.5	14.5	17.5	24.5	20.5	23.0

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.2	2.5	2.9	4.6	4.2	4.5	8.6	8.1	8.3	11.3	11.0	11.1
2	3.0	2.0	2.5	5.0	4.2	4.5	8.6	8.1	8.3	11.0	10.8	10.9
3	2.0	1.4	1.7	5.6	5.1	5.3	8.7	8.2	8.5	10.8	10.4	10.6
4	1.7	1.4	1.6	6.1	5.2	5.6	9.2	8.6	8.9	10.4	10.1	10.2
5	1.7	1.4	1.6	6.6	5.7	6.1	9.7	9.0	9.3	10.2	10.0	10.1
6	1.5	1.4	1.4	6.8	6.0	6.3	9.8	9.5	9.6	10.3	10.1	10.2
7	1.4	1.1	1.3	6.4	5.7	6.0	9.8	9.6	9.7	10.2	10.0	10.1
8	1.3	1.1	1.2	6.2	5.4	5.8	10.0	9.6	9.8	10.1	9.9	10.0
9	1.7	1.3	1.5	6.5	5.3	5.7	10.1	9.7	9.9	10.1	9.9	10.0
10	2.1	1.7	1.5	7.1	5.7	6.2	10.0	9.7	9.9	10.2	9.9	10.0
11	2.3	2.1	1.9	7.3	6.0	6.6	9.8	9.6	9.7	10.0	9.8	9.9
12	2.8	2.4	2.6	7.5	6.5	6.9	9.9	9.7	9.8	9.8	9.6	9.8
13	2.9	2.7	2.8	7.5	6.2	6.9	10.0	9.8	9.9	9.9	9.7	9.8
14	3.0	2.9	2.9	6.8	5.7	6.2	9.8	9.7	9.8	9.9	9.7	9.8
15	3.0	2.9	2.9	7.0	5.7	6.1	9.7	9.5	9.6	9.9	9.8	9.9
16	2.9	2.9	2.9	7.3	6.1	6.6	9.6	9.5	9.5	10.1	9.8	9.9
17	2.9	2.7	2.8	7.5	6.3	6.7	9.7	9.5	9.6	10.2	10.0	10.1
18	2.7	2.5	2.6	7.6	6.6	7.0	9.9	9.7	9.8	10.1	10.0	10.0
19	2.5	2.3	2.4	7.8	7.0	7.4	10.2	9.9	10.1	9.9	9.7	9.8
20	2.5	2.3	2.4	7.9	7.2	7.5	10.4	10.2	10.3	9.7	9.5	9.6
21	2.8	2.5	2.6	8.0	7.4	7.7	10.5	10.4	10.4	9.5	9.2	9.4
22	3.3	2.8	3.0	8.2	7.8	7.9	10.8	10.5	10.6	9.2	9.1	9.1
23	4.2	3.3	3.8	8.4	7.9	8.1	11.2	10.8	10.9	9.1	9.0	9.0
24	4.7	4.3	4.5	8.5	8.0	8.2	11.5	11.2	11.4	9.1	8.9	9.0
25	5.0	4.7	4.8	8.7	8.3	8.5	11.6	11.5	11.6	9.3	9.0	9.1
26	5.1	4.9	5.0	9.0	8.6	8.8	11.6	11.5	11.5	9.2	9.0	9.1
27	5.1	5.0	5.1	9.1	8.7	8.8	11.5	11.4	11.5	9.0	8.8	8.9
28	5.3	5.1	5.2	9.1	8.5	8.8	11.5	11.4	11.5	9.1	8.8	9.0
29	5.3	5.2	5.3	8.8	8.3	8.5	11.6	11.5	11.5	9.2	8.9	9.1
30	5.3	5.0	5.2	8.7	8.1	8.4	11.6	11.5	11.5	9.3	9.1	9.2
31	5.1	4.6	4.9	---	---	---	11.5	11.3	11.4	9.2	9.0	9.1
MONTH	5.3	1.1	3.0	9.1	4.2	6.9	11.6	8.1	10.1	11.3	8.8	9.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.1	8.9	9.0	8.8	8.5	8.6	7.1	6.7	6.8	5.5	4.5	4.9
2	8.9	8.7	8.8	8.7	8.6	8.6	7.0	6.9	6.9	5.0	4.3	4.6
3	8.7	8.5	8.6	8.6	8.4	8.5	6.9	6.7	6.8	5.8	4.8	5.2
4	8.5	8.3	8.4	8.4	8.2	8.3	6.9	6.7	6.8	6.3	5.4	5.8
5	8.4	8.1	8.2	8.4	8.1	8.3	6.8	6.7	6.7	6.5	5.8	6.1
6	8.5	8.2	8.3	8.3	8.1	8.2	6.7	6.5	6.6	6.6	5.9	6.2
7	8.5	8.2	8.3	8.3	8.0	8.2	6.5	6.3	6.4	6.9	6.4	6.7
8	8.6	8.2	8.4	8.4	8.1	8.3	6.4	6.2	6.3	7.0	6.5	6.8
9	8.5	8.3	8.4	8.4	8.2	8.3	6.5	6.3	6.4	6.9	6.5	6.7
10	8.4	8.2	8.3	8.4	8.0	8.2	6.5	6.3	6.4	6.9	6.5	6.8
11	8.3	8.0	8.1	8.5	8.1	8.3	6.5	6.3	6.4	6.8	6.3	6.5
12	8.4	8.1	8.2	8.4	8.1	8.2	6.5	6.3	6.4	6.6	6.2	6.4
13	8.6	8.2	8.4	8.2	7.8	8.0	6.6	6.4	6.5	6.5	6.2	6.4
14	8.6	8.3	8.4	7.9	7.5	7.7	6.4	6.2	6.3	6.5	6.2	6.4
15	8.4	8.1	8.3	7.7	7.2	7.4	6.4	6.2	6.3	6.6	6.2	6.4
16	8.3	8.0	8.1	7.2	6.6	6.9	6.4	6.2	6.3	6.4	6.0	6.2
17	8.0	7.6	7.8	6.7	6.3	6.5	6.4	6.0	6.3	6.1	5.8	6.0
18	7.7	7.4	7.5	6.4	5.9	6.1	6.2	5.9	6.1	5.9	5.6	5.8
19	7.4	7.2	7.3	6.5	6.0	6.2	6.6	6.1	6.4	5.9	5.6	5.7
20	7.7	7.2	7.4	6.3	6.0	6.2	6.9	6.4	6.6	5.9	5.6	5.7
21	8.0	7.5	7.7	6.7	6.2	6.3	7.1	6.6	6.8	5.8	5.4	5.6
22	7.9	7.7	7.8	6.9	6.5	6.6	7.1	6.6	6.8	5.7	5.2	5.4
23	7.7	7.5	7.6	7.1	6.7	6.8	7.2	6.6	6.8	5.6	4.8	5.3
24	7.8	7.4	7.6	7.2	6.8	7.0	7.0	6.3	6.6	5.2	4.3	4.8
25	7.9	7.6	7.7	7.1	6.8	7.0	6.8	6.0	6.4	5.2	4.3	4.7
26	8.2	7.9	8.0	7.0	6.7	6.8	6.5	5.7	6.1	6.0	4.8	5.5
27	8.4	8.0	8.2	6.8	6.5	6.6	6.3	5.6	5.9	6.3	5.4	5.9
28	8.6	8.3	8.5	6.8	6.6	6.7	6.2	5.6	5.9	6.3	5.6	6.0
29	---	---	---	6.7	6.6	6.7	6.3	5.5	5.8	6.3	5.9	6.1
30	---	---	---	6.7	6.5	6.6	6.1	5.1	5.5	6.1	5.5	5.8
31	---	---	---	6.8	6.6	6.7	---	---	---	6.1	5.4	5.8
MONTH	9.1	7.2	8.1	8.8	5.9	7.4	7.2	5.1	6.4	7.0	4.3	5.9

PEE DEE RIVER BASIN

89

02135225 PEE DEE RIVER AT ARUNDEL PLANTATION NEAR JACKSON, SC

LOCATION.--Lat 33°28'59'', long 79°10'41'', Georgetown County, Hydrologic Unit 03040201, on right bank, 0.7 mi upstream of Schooner Creek confluence, 5.5 mi southeast of Planterville, S.C.

PERIOD OF RECORD.--October 1988 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1988 to current year.

INSTRUMENTATION.-- USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 9200 microsiemens, Sept. 22, 1989; minimum, 60 microsiemens, Apr. 6, May 2 - 5, 1989, Feb. 27 - Mar. 6, May 21, 1990.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 760 microsiemens, July 8, 9; minimum, 60 microsiemens, Feb. 27 - Mar. 6, May 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	220	140	169	170	150	158	159	135	142	109	88	96
2	248	159	209	170	140	156	145	112	131	100	79	94
3	258	208	234	160	140	151	131	117	123	110	90	97
4	237	167	202	160	140	147	127	112	117	110	90	100
5	187	146	166	150	130	141	122	100	110	110	90	100
6	175	135	154	160	140	150	120	100	104	100	90	96
7	184	114	145	180	160	169	120	100	106	110	90	95
8	144	113	128	200	180	188	110	90	100	110	90	102
9	123	102	115	210	180	198	110	90	98	110	90	101
10	122	101	109	220	150	192	120	90	107	110	90	98
11	111	90	104	160	130	142	110	90	104	110	90	96
12	110	90	98	140	120	132	110	90	101	110	90	99
13	110	90	96	140	120	129	100	80	92	110	90	102
14	100	90	94	140	117	126	110	90	96	110	90	100
15	100	80	89	134	115	126	110	90	98	110	90	100
16	100	80	91	134	119	127	100	80	93	110	90	100
17	110	90	95	145	125	135	100	80	92	110	90	97
18	120	90	99	151	134	142	100	80	91	110	90	96
19	120	90	104	152	133	144	100	80	88	100	89	94
20	130	100	116	155	127	140	100	80	90	109	88	95
21	140	110	117	160	99	121	100	80	87	108	88	97
22	140	110	121	214	97	163	101	80	87	127	87	94
23	130	110	118	204	180	191	92	71	84	226	86	97
24	130	110	115	199	167	184	92	72	84	116	85	99
25	120	100	112	193	153	175	93	73	83	105	85	93
26	130	100	112	200	171	187	94	74	87	134	84	93
27	120	100	109	187	164	179	95	74	86	164	83	98
28	130	110	119	182	158	167	96	75	90	103	83	90
29	140	110	124	168	154	163	106	86	92	212	82	91
30	140	110	132	164	141	152	97	87	92	92	81	88
31	160	120	139	---	---	---	98	87	94	101	80	88
MONTH	258	80	127	220	97	156	159	71	98	226	79	96

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC

(Hydrologic bench-mark station and radiochemical program station)

LOCATION.--Lat 34°09'02'', long 80°18'18'', Lee County, Hydrologic Unit 03040205, near left bank, on downstream side of bridge on U.S. Highway 15, 0.1 mi downstream from Beaverdam Creek, 0.9 mi upstream from Seaboard Coast Line Railroad bridge, and 5.8 mi southwest of Bishopville.

DRAINAGE AREA.--96.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 164.53 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--22 years (water years 1969-90), 101 ft³/s, 14.29 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,700 ft³/s, Sept. 7, 1979, gage height, 8.54 ft; minimum daily, 3.5 ft³/s, July 24, 25, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Oct. 2	0600	* 464	*6.54	Oct. 5	1700	(a)	* 6.69

(a) Backwater from debris caused by Hurricane Hugo.

Minimum daily, 6.7 ft³/s, Aug. 1, 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	379	80	110	121	140	116	101	42	52	59	6.7	59
2	448	89	101	123	132	106	108	41	45	39	8.1	57
3	413	107	93	126	124	100	105	37	29	28	7.7	38
4	380	114	85	132	117	97	96	32	23	22	7.4	30
5	379	118	80	131	111	97	86	51	22	18	6.9	26
6	361	118	77	135	107	98	76	69	20	15	6.7	25
7	307	119	77	143	102	101	72	71	18	13	8.4	22
8	261	118	116	172	95	97	68	67	24	11	9.3	20
9	219	115	190	200	91	93	65	63	45	10	10	28
10	186	108	272	216	94	87	65	56	24	11	13	37
11	161	101	348	222	96	83	65	55	18	14	15	30
12	150	93	364	211	96	79	65	53	15	13	15	24
13	141	87	329	188	92	75	61	47	13	11	13	22
14	133	84	290	162	90	72	58	45	12	11	11	47
15	125	86	252	148	88	70	56	39	11	13	17	65
16	118	95	224	137	91	69	54	31	16	13	36	66
17	112	105	202	131	107	73	52	28	28	12	49	60
18	110	115	180	126	114	95	50	25	29	10	46	40
19	114	127	163	127	135	103	48	22	25	9.9	29	28
20	113	133	154	122	153	107	46	20	20	12	20	24
21	116	133	150	120	159	111	44	19	15	11	18	22
22	126	128	146	127	157	109	42	21	13	14	16	24
23	134	131	145	124	158	97	39	19	12	19	17	25
24	134	128	143	119	158	82	36	18	13	18	33	22
25	130	125	137	117	148	73	35	17	11	18	42	20
26	123	120	132	132	137	68	32	16	10	17	36	18
27	115	121	128	139	131	67	29	15	9.2	13	26	17
28	108	124	122	144	125	67	27	17	11	11	23	16
29	100	124	118	147	---	72	32	32	46	9.0	20	16
30	92	118	116	151	---	84	39	46	64	8.0	28	15
31	85	---	116	148	---	95	---	49	---	7.3	48	---
TOTAL	5873	3364	5160	4541	3348	2743	1752	1163	693.2	490.2	642.2	943
MEAN	189	112	166	146	120	88.5	58.4	37.5	23.1	15.8	20.7	31.4
MAX	448	133	364	222	159	116	108	71	64	59	49	66
MIN	85	80	77	117	88	67	27	15	9.2	7.3	6.7	15

CAL YR 1989 TOTAL 44660 MEAN 122 MAX 611 MIN 14
WTR YR 1990 TOTAL 30712.6 MEAN 84.1 MAX 448 MIN 6.7

PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1970 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOC CI, FECAL, KF AGAR (COLS. PER 100 ML)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TUR-BID-ITY (NTU)
NOV 13...	1400	86	761	15.5	K67	K170	4.7	47	5	5.0	28	3.5
JAN 29...	1700	148	758	12.0	K110	350	9.8	91	23	5.0	27	37
APR 03...	0800	106	750	17.0	K110	530	4.4	46	4	5.3	27	7.6
MAY 23...	0900	20	759	18.5	K120	570	6.7	72	5	6.0	37	3.9
JUL 18...	0805	11	765	23.0	K33	590	6.3	73	5	6.1	31	3.7
SEP 12...	1330	24	764	24.5	K100	970	6.3	75	5	5.6	31	4.5

DATE	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
NOV 13...	0.90	0.53	1.2	3.4	55	0.7	3	5.8	<0.10	2.0	10	51
JAN 29...	5.3	2.4	2.2	6.9	37	0.6	1	7.3	0.10	10	11	77
APR 03...	0.70	0.46	0.90	2.6	54	0.6	3	4.6	<0.10	1.0	3.8	32
MAY 23...	0.93	0.65	0.60	3.5	57	0.7	3	5.0	<0.10	<1.0	6.9	34
JUL 18...	0.83	0.79	0.60	3.3	54	0.6	3	5.5	<0.10	<1.0	4.1	23
SEP 12...	0.95	0.72	0.80	3.4	54	0.6	3	4.8	0.20	2.0	10	40

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)
NOV 13...	27	0.07	11.8	<0.010	<0.100	0.060	0.08	0.060	0.64	0.70	<0.010
JAN 29...	46	0.10	30.8	0.010	<0.100	0.040	0.05	0.020	0.68	0.70	<0.010
APR 03...	16	0.04	9.16	<0.010	<0.100	0.110	0.14	0.130	1.1	1.2	<0.010
MAY 23...	--	--	--	<0.010	0.400	0.110	0.14	0.120	0.58	0.70	<0.010
JUL 18...	--	--	--	<0.010	0.600	0.010	0.01	0.050	0.35	0.40	<0.010
SEP 12...	26	0.05	2.59	<0.010	0.300	0.020	0.03	0.040	0.36	0.40	<0.010

PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DATE	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)
NOV 13...	<0.010	0.020	270	<1	94	<0.5	<1.0	1	<3	2	820
JAN 29...	0.020	0.020	140	<1	63	<0.5	1.0	<5	<3	<10	290
APR 03...	<0.010	0.040	--	--	--	--	--	--	--	--	--
MAY 23...	<0.010	0.030	90	<1	52	<0.5	<1.0	<1	3	1	490
JUL 18...	0.020	0.020	--	--	--	--	--	--	--	--	--
SEP 12...	<0.010	<0.010	110	<1	51	<0.5	<1.0	<1	<3	4	330

DATE	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)
NOV 13...	1	12	2.8	<4	70	91	<0.1	<10	1	<1	<1.0
JAN 29...	<10	13	5.2	<4	17	95	0.2	<10	<10	<1	<1.0
APR 03...	--	18	5.2	--	--	93	--	--	--	--	--
MAY 23...	<1	8	0.43	<4	59	100	0.1	<10	<1	<1	<1.0
JUL 18...	--	7	0.20	--	--	86	--	--	--	--	--
SEP 12...	<1	8	0.52	6	63	100	<0.1	<10	1	<1	<1.0

DATE	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)
NOV 13...	8	--	<6	54	--	--	--	--	--	--	--
JAN 29...	43	0.03	<6	24	0.5	0.3	1.3	1.3	0.2	0.2	0.15
MAY 23...	7	--	<6	28	--	--	--	--	--	--	--
SEP 12...	8	--	<6	39	--	--	--	--	--	--	--

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

PEE DEE RIVER BASIN

02135500 BLACK RIVER NEAR GABLE, SC

LOCATION.--Lat 33°54'00'', long 80°09'55'', Sumter County, Hydrologic Unit 03040205, near left bank on downstream side of McBride Crossing on U.S. Highway 378, 1.0 mi downstream from Church Branch, 6.3 mi northwest of Gable, and at mile 123.1.

DRAINAGE AREA.--401 mi².

PERIOD OF RECORD.--June 1951 to June 1966, April 1972 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 95 ft above National Geodetic Vertical Datum of 1929, (from topographic map). Crest-stage station Oct. 1970 to Sept. 1971 at same site and elevation. Prior to Dec. 9, 1955, wire-weight gage at same site and elevation.

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

AVERAGE DISCHARGE.--32 years, 375 ft³/s, 12.70 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft³/s, Mar. 5, 1971, gage height, 6.82 ft; maximum gage height 6.92 ft, June 13, 1973; no flow for several days in 1954, 1956, 1957.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,150 ft³/s, Oct. 4, gage height, 5.95 ft; minimum, 0.71 ft³/s, July 13, gage height, 1.65 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	878	249	355	315	394	512	393	154	420	3.1	3.1	337
2	1740	250	326	297	399	474	391	147	322	4.8	2.3	341
3	3940	272	289	287	389	444	373	137	216	3.8	2.1	272
4	5090	415	260	285	408	403	357	123	166	3.3	1.8	222
5	4500	587	234	280	442	363	337	210	124	3.2	1.6	172
6	3530	549	213	295	426	334	309	241	94	3.1	3.0	133
7	2660	487	207	314	406	305	278	241	73	3.3	15	100
8	2000	540	303	412	377	283	247	229	73	3.4	22	81
9	1530	582	496	485	356	272	224	213	99	3.1	26	73
10	1250	526	925	614	342	269	207	210	104	2.5	44	63
11	1080	465	1580	725	325	262	201	204	153	2.0	40	51
12	973	404	1890	761	304	254	187	201	129	1.5	29	39
13	882	354	1890	705	285	242	177	190	135	1.1	20	36
14	805	329	1770	634	272	232	168	176	112	2.0	14	101
15	730	338	1640	562	260	224	162	154	86	3.0	12	122
16	663	348	1520	508	267	218	154	133	75	9.5	33	194
17	594	340	1350	465	306	236	149	123	107	8.3	148	195
18	605	356	1140	426	318	288	143	125	153	6.0	176	177
19	620	365	1010	393	412	315	137	112	131	6.3	213	279
20	576	366	903	363	465	317	131	97	69	9.7	113	328
21	533	363	815	341	477	313	126	92	39	7.2	88	286
22	504	353	733	315	493	313	120	92	28	6.1	137	216
23	473	420	691	287	527	313	114	102	25	5.3	110	168
24	444	411	674	266	560	298	109	101	15	4.7	136	127
25	411	411	656	260	576	270	103	92	10	5.0	198	98
26	376	423	552	298	579	240	98	80	8.1	5.9	217	81
27	346	442	453	300	572	225	91	64	6.2	6.9	192	62
28	322	436	409	309	546	212	89	102	4.9	6.5	162	48
29	300	422	369	334	---	259	121	202	3.9	5.7	151	38
30	273	386	338	371	---	350	142	238	3.2	4.6	173	34
31	259	---	310	384	---	388	---	355	---	3.8	299	---
TOTAL	38887	12189	24301	12591	11483	9428	5838	4940	2984.3	144.7	2781.9	4474
MEAN	1254	406	784	406	410	304	195	159	99.5	4.67	89.7	149
MAX	5090	587	1890	761	579	512	393	355	420	9.7	299	341
MIN	259	249	207	260	260	212	89	64	3.2	1.1	1.6	34

CAL YR 1989 TOTAL 173825.1 MEAN 476 MAX 5090 MIN 8.0
WTR YR 1990 TOTAL 130041.9 MEAN 356 MAX 5090 MIN 1.1

02136000 BLACK RIVER AT KINGSTREE, SC
(National stream-quality accounting network station)

LOCATION.--Lat 33°39'40'', long 79°50'10'', Williamsburg County, Hydrologic Unit 03040205, on left bank, at downstream side of bridge on U.S. Highway 52 at Kingstree, 1.0 mi downstream from Kingstree Swamp Canal, and at mile 86.7.

DRAINAGE AREA.--1,252 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 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 National Geodetic Vertical Datum of 1929. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: Nov. 8, Dec. 25 - 27, Aug. 17 - 20, which are fair.

AVERAGE DISCHARGE.--61 years, 943 ft³/s, 10.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 58,000 ft³/s, June 14, 1973, gage height, 19.77 ft; minimum, 2.0 ft³/s, Sept. 12-15, Oct. 7, 8, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,070 ft³/s, Oct. 9, gage height, 12.62 ft; minimum, 15 ft³/s, Aug. 6, gage height, 1.62 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1810	1160	896	1760	1290	1480	872	256	631	111	19	402
2	2280	1130	913	1700	1270	1460	946	248	737	101	23	449
3	2510	1110	918	1640	1260	1440	1050	241	764	90	46	489
4	2700	1060	919	1580	1260	1400	1140	234	712	79	25	493
5	2960	1010	917	1530	1280	1350	1190	230	615	70	18	467
6	3280	968	912	1510	1280	1300	1210	231	523	63	16	438
7	3690	927	907	1490	1280	1240	1200	233	454	56	31	428
8	4440	889	966	1550	1270	1180	1150	234	405	51	52	436
9	4980	850	1100	1580	1260	1130	1090	235	372	47	141	451
10	5020	811	1280	1650	1270	1090	1030	254	355	42	255	440
11	4670	784	1490	1730	1270	1040	980	274	383	39	302	419
12	4130	768	1740	1810	1260	986	931	303	430	35	304	388
13	3580	757	2060	1920	1250	934	875	326	492	31	273	357
14	3230	756	2370	2010	1230	882	818	338	526	31	224	331
15	2910	766	2610	2060	1200	834	775	340	496	33	183	312
16	2620	798	2750	2070	1180	795	737	334	471	29	161	298
17	2350	822	2870	2040	1170	774	696	326	453	26	189	290
18	2170	838	2960	2000	1140	780	651	319	453	24	230	284
19	2030	841	3000	1950	1150	782	610	309	452	24	313	277
20	1890	844	2960	1900	1150	791	568	301	458	28	326	264
21	1760	838	2880	1830	1130	799	526	289	417	32	324	252
22	1640	832	2770	1760	1150	805	484	274	348	35	341	240
23	1550	846	2650	1680	1190	805	442	258	289	41	399	241
24	1480	850	2630	1610	1250	806	404	241	245	40	502	245
25	1430	849	2620	1550	1310	810	371	221	217	40	587	244
26	1380	850	2440	1510	1390	815	342	203	195	37	678	240
27	1340	852	2190	1460	1460	819	315	185	173	33	696	239
28	1300	856	2070	1420	1490	804	290	204	153	30	636	239
29	1260	866	1990	1380	---	797	282	343	137	26	535	237
30	1230	879	1920	1350	---	789	266	453	124	23	441	230
31	1200	---	1830	1320	---	812	---	522	---	21	394	---
TOTAL	78820	26407	60528	52350	35090	30529	22241	8759	12480	1368	8664	10120
MEAN	2543	880	1953	1689	1253	985	741	283	416	44.1	279	337
MAX	5020	1160	3000	2070	1490	1480	1210	522	764	111	696	493
MIN	1200	756	896	1320	1130	774	266	185	124	21	16	230

CAL YR 1989 TOTAL 412133 MEAN 1129 MAX 5020 MIN 79
WTR YR 1990 TOTAL 347356 MEAN 952 MAX 5020 MIN 16

PEE DEE RIVER BASIN

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1962 to September 1966, July 1972 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCOCI FECAL, KF AGAR (COLS. PER 100 ML)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CaCO3)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
NOV 14...	1500	759	763	17.5	K78	K110	5.3	55	19	6.7	84
JAN 30...	1645	1340	761	13.5	K50	K70	6.6	63	16	6.6	73
APR 03...	1400	1060	754	19.0	K78	270	5.3	58	15	6.7	74
MAY 23...	1400	256	762	24.5	K140	760	5.3	64	20	7.1	148
JUL 18...	1245	24	765	29.5	K83	240	4.9	64	28	7.0	171
SEP 06...	1230	436	765	26.0	K50	490	4.4	54	21	6.9	140

DATE	TUR-BID-ITY (NTU)	CALCIUM DIS-SOLVED (MG/L AS Ca)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	SODIUM, DIS-SOLVED (MG/L AS Na)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3)	CHLO-RIDE, DIS-SOLVED (MG/L AS Cl)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV 14...	0.70	4.9	1.6	3.7	9.4	46	0.9	15	12	0.10
JAN 30...	2.8	4.0	1.4	2.7	9.2	51	1	12	11	0.10
APR 03...	3.5	3.9	1.3	2.2	9.4	53	1	18	10	0.10
MAY 23...	2.5	5.2	1.7	2.0	19	65	2	24	19	<0.10
JUL 18...	2.8	7.8	2.0	2.7	24	63	2	44	25	0.20
SEP 06...	1.5	5.5	1.7	2.8	22	66	2	23	19	0.10

DATE	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)
NOV 14...	3.0	1.6	86	44	0.12	176	<0.010	<0.100	0.020	0.03
JAN 30...	7.0	0.89	79	43	0.11	286	<0.010	<0.100	0.050	0.06
APR 03...	4.2	3.9	76	45	0.10	218	<0.010	0.100	0.100	0.13
MAY 23...	3.4	2.1	92	66	0.13	63.6	<0.010	<0.100	0.040	0.05
JUL 18...	9.7	8.5	119	103	0.16	7.65	<0.010	<0.100	0.050	0.06
SEP 06...	7.6	9.3	112	81	0.15	132	0.010	<0.100	0.080	0.10

PEE DEE RIVER BASIN

97

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DATE	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)
NOV 14...	0.020	0.78	0.80	0.09	0.030	0.040	0.050	130	<1	73
JAN 30...	0.050	0.95	1.0	0.06	0.020	0.040	0.070	180	<1	50
APR 03...	0.080	1.0	1.1	0.18	0.060	0.080	0.130	--	--	--
MAY 23...	0.050	1.4	1.4	0.37	0.120	0.150	0.220	110	<1	32
JUL 18...	0.120	0.88	1.0	1.4	0.470	0.480	0.580	--	--	--
SEP 06...	0.070	1.3	1.4	0.52	0.170	0.200	0.180	240	<1	59

DATE	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)
NOV 14...	<0.5	<1.0	1	<3	1	340	1	6	12	<4
JAN 30...	<0.5	<1.0	<5	<3	<10	480	<10	5	18	<4
APR 03...	--	--	--	--	--	--	--	11	31	--
MAY 23...	<0.5	<1.0	<1	4	1	700	<1	1	0.69	<4
JUL 18...	--	--	--	--	--	--	--	5	0.32	--
SEP 06...	<0.5	<1.0	<1	<3	1	1100	1	3	3.5	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
NOV 14...	12	93	<0.1	<10	1	<1	<1.0	26	<6	32
JAN 30...	17	88	0.1	<10	<10	<1	<1.0	24	<6	20
APR 03...	--	86	--	--	--	--	--	--	--	--
MAY 23...	30	100	<0.1	<10	<1	<1	<1.0	31	<6	11
JUL 18...	--	83	--	--	--	--	--	--	--	--
SEP 06...	39	92	0.1	<10	2	<1	<1.0	32	<6	29

NOTE: "K" denotes a bacteria count outside ideal limits.
 ">" denotes a value greater than that listed.
 "<" denotes a value less than that listed.

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 mi², approximately.

PERIOD OF RECORD.--September 1895 to September 1903, 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.--Water-stage recorder. Datum of gage is 485.82 ft above National Geodetic Vertical Datum of 1929. Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi downstream, at different datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³.

AVERAGE DISCHARGE.--56 years, 4,457 ft³/s, 19.84 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 151,000 ft³/s, May 23, 1901, gage height, 24.15 ft, site and datum then in use; minimum daily, 227 ft³/s, Apr. 26, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 57,400 ft³/s, Oct. 1, gage height, 16.41 ft; minimum daily, 596 ft³/s, July 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29400	6180	6000	5630	7690	9210	8820	9100	9930	903	1810	2150
2	50100	6960	5450	7620	8950	9330	10100	8390	3670	1270	1760	1400
3	31100	6280	4370	7280	5710	8580	9530	7020	3680	697	1580	1750
4	18800	3260	6620	5270	6540	4070	8540	4200	3790	1320	3460	1950
5	11500	1400	4320	7320	7020	10500	9180	3100	5400	945	1110	3620
6	8330	1470	3560	7510	8920	10500	10600	2760	2100	844	1670	4140
7	5920	4410	2600	7100	9080	10600	8930	2530	4280	1120	1950	4610
8	6170	3980	4610	5910	8440	10700	8610	2980	5590	1080	2530	4310
9	7480	3930	2750	4880	8440	10800	10600	1570	4100	1840	2490	1700
10	8710	3910	2290	6440	3960	10800	9980	4340	2590	821	678	3670
11	8310	1040	6160	7230	1880	7130	9070	6750	5040	744	794	5700
12	8790	2770	5130	7730	6800	8820	7180	2680	5680	596	1480	3830
13	7910	3170	5380	7740	7850	8130	4860	5510	7010	1260	2090	4100
14	5720	4650	4160	7010	7920	7980	2080	4770	4530	2470	2290	1560
15	5600	1910	6860	6160	7670	7780	4390	4860	4660	1020	3010	1160
16	7570	5960	6830	7790	7570	9780	6900	5410	1110	2850	5070	1200
17	8430	7110	8610	8150	14300	8520	7050	3780	2500	3320	3330	1150
18	8740	6070	8080	7970	11000	10500	5350	1990	5810	2350	1860	1090
19	8640	4230	7390	8960	13200	10600	5190	2610	4860	1720	1870	868
20	6260	5190	6750	8570	11000	10800	2100	968	1250	2480	3640	3510
21	5460	6310	8150	4620	11000	10900	3070	3610	1330	1160	1170	988
22	1440	7710	9480	7610	11000	10900	2040	1980	1470	2240	1540	1080
23	7670	7610	8120	7330	11100	10900	3450	867	642	3030	1800	718
24	6320	6590	5910	8250	11000	9460	2870	3240	873	2400	821	2030
25	9250	7690	6300	6450	11000	8680	4710	2470	921	1930	1130	2350
26	7130	3520	4250	8490	10100	10500	5140	3640	743	3570	3250	1130
27	7810	8210	6590	7270	10500	10900	2650	2560	1300	1420	5650	1680
28	6790	6280	4680	5840	11000	10900	1440	3800	1650	2570	5420	1000
29	2260	5800	5760	7890	---	10900	3570	7820	1920	2260	5630	975
30	5390	6640	1850	8760	---	11000	7570	1230	1140	3200	2410	979
31	6860	---	4570	8310	---	10200	---	8100	---	3320	1260	---
TOTAL	319860	150240	173580	223090	250640	300370	185570	124635	99569	56750	74553	66398
MEAN	10320	5008	5599	7196	8951	9689	6186	4020	3319	1831	2405	2213
MAX	50100	8210	9480	8960	14300	11000	10600	9100	9930	3570	5650	5700
MIN	1440	1040	1850	4620	1880	4070	1440	867	642	596	678	718

CAL YR 1989 TOTAL 1728846 MEAN 4737 MAX 50100 MIN 671
WTR YR 1990 TOTAL 2025255 MEAN 5549 MAX 50100 MIN 596

SANTÉE RIVER BASIN

99

02147000 CATAWBA RIVER NEAR CATAWBA, SC

LOCATION.--Lat 34°51'09'', long 80°52'06'', York County, Hydrologic Unit 03050103, on right bank, 60 ft downstream from Seaboard Coast Line Railroad bridge, 200 ft downstream from Twelvemile Creek, 2.5 mi east of Catawba, and at mile 122.8.

DRAINAGE AREA.--3,530 mi², approximately.

PERIOD OF RECORD.--October 1968 to current year. Annual peak stages from June 1906 to December 1948 and gage-height records since May 1958 are available in district office.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 446.18 ft above National Geodetic Vertical Datum of 1929 (levels by Bowaters Carolina Corporation). June 1906 to Dec. 21, 1948, nonrecording gage at site 2.1 mi downstream at different datum.

REMARKS.--Records good, except for estimated daily discharges: Jan. 10 - 18, which are fair. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³.

AVERAGE DISCHARGE.--22 years, 5,348 ft³/s, 20.57 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,600 ft³/s Oct. 9, 1976, gage height, 23.81 ft; minimum daily, 480 ft³/s Apr. 26, 1986, from hydrograph comparison.

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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 72,700 ft³/s, Oct. 2, gage height, 24.33 ft; minimum daily, 893 ft³/s, July 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28800	6200	7250	8180	8720	10700	10400	10100	10900	1220	2290	2010
2	66800	7530	5900	8240	9840	10600	12400	10600	6820	1180	2030	1760
3	53200	7490	4900	8500	7340	13800	12300	7910	3700	1360	1680	1740
4	25000	4730	6790	6190	6740	7660	9710	5450	3130	1090	3100	1390
5	15600	1600	4740	7710	7910	12000	9930	2810	5930	1450	2150	3430
6	9820	2020	4950	9060	9930	12000	11700	4920	4040	1030	1610	4320
7	6650	3440	3500	9870	9900	12000	10700	2750	2950	972	2800	4800
8	7670	4480	4820	9380	9630	12000	9160	3020	6040	1420	2600	5210
9	7690	5840	7070	8010	9250	12100	11500	2340	5370	1950	2990	2730
10	9640	3070	3980	7610	10200	12200	11000	4790	2630	1520	1190	2980
11	9250	2670	7770	8540	8450	8700	10800	7200	5720	1020	952	6130
12	9760	1660	6270	9190	8350	9580	8100	4240	5480	893	1340	4100
13	9030	4880	10900	8740	8580	9420	6400	5110	7710	959	1950	5840
14	6180	3580	5810	8240	9070	8950	3070	5100	4940	2830	1900	3240
15	7090	3030	8020	6950	8820	8760	5310	5270	6420	1920	3900	1520
16	7170	6060	7600	8820	9610	10400	8420	6270	2660	1980	4840	1680
17	8680	8760	9460	9390	24000	9730	7490	4500	2350	3980	4560	1280
18	10800	7090	8930	9130	15900	13100	6740	3890	5050	2760	2710	1230
19	9980	4580	8170	9740	18500	12100	5830	2410	6420	2690	1870	1050
20	7580	5670	8470	9520	17300	11900	3640	1820	2180	2330	2780	2690
21	7600	6600	8240	6980	13300	12200	2300	2430	1080	1990	3010	2170
22	1460	8450	10400	10400	12800	12100	3070	3930	2310	1860	2040	1250
23	7240	9420	9040	8550	13900	12000	3730	1350	925	3610	1930	975
24	7170	8000	7000	9000	13100	10900	3100	1970	1040	2590	1180	1560
25	9730	8540	7070	8020	12600	9540	4340	3890	1180	2660	1140	2920
26	8340	5110	6210	11400	11900	11100	5440	3350	938	2850	1970	1180
27	8200	7340	5020	9340	11300	12100	4100	4060	997	2440	6160	2060
28	7550	7980	5960	6930	12400	12000	2140	4500	1900	1850	6870	1050
29	4070	6270	6810	8220	---	12200	3870	12500	2120	3390	5570	1020
30	4040	6620	2840	10200	---	13100	7140	5730	1570	3040	3900	1190
31	8230	---	4190	9390	---	12400	---	6980	---	3310	1370	---
TOTAL	390020	168710	208080	269440	319340	347340	213830	151190	114500	64144	84382	74505
MEAN	12580	5624	6712	8692	11400	11200	7128	4877	3817	2069	2722	2483
MAX	66800	9420	10900	11400	24000	13800	12400	12500	10900	3980	6870	6130
MIN	1460	1600	2840	6190	6740	7660	2140	1350	925	893	952	975

CAL YR 1989 TOTAL 2172290 MEAN 5951 MAX 66800 MIN 897
WTR YR 1990 TOTAL 2405481 MEAN 6590 MAX 66800 MIN 893

SANTEE RIVER BASIN

02147500 ROCKY CREEK AT GREAT FALLS, SC

LOCATION.--Lat 34°33'45'', long 80°55'00'', Chester County, Hydrologic Unit 03050103, on left bank, 350 ft downstream from Turkey Branch, 1.0 mi west of Great Falls, and at mile 1.8.

DRAINAGE AREA.--194 mi².

PERIOD OF RECORD.--February 1951 to September 1981, August 1986 to current year.

GAGE.--Data collection platform. Elevation of gage is 299 ft above National Geodetic Vertical Datum of 1929, (by barometer).

REMARKS.--Records fair, except for estimated daily discharges: Oct. 4 to Nov. 14, Dec. 4 - 27, Jan. 15 - 24, which are poor.

AVERAGE DISCHARGE.--34 years (water years 1952-81, 1987-90), 193 ft³/s, 13.51 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 31,300 ft³/s, Aug. 23, 1967, gage height, 18.82 ft; minimum, 0.04 ft³/s, Oct. 6-13, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 3,500 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Oct. 2	1100	* 16300	* 12.93	Feb. 19	2200	4860	7.22

Minimum discharge, 12 ft³/s, Aug. 4, 5, Sept. 8, 9, gage height, 0.89 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2090	55	61	132	153	169	159	68	34	20	13	27
2	12700	50	58	131	136	160	133	60	32	41	12	19
3	2650	48	57	114	133	674	127	56	31	28	12	17
4	790	47	56	105	128	552	110	55	31	21	12	16
5	300	46	54	104	215	296	100	64	28	18	18	14
6	200	50	52	148	137	221	95	57	26	17	27	14
7	170	54	50	255	117	184	102	51	25	17	22	14
8	140	57	300	1000	109	160	92	48	55	17	26	13
9	120	60	1400	774	155	155	85	47	63	21	85	12
10	100	56	1000	352	2850	151	84	134	182	17	29	15
11	95	52	500	241	1350	141	109	112	60	20	41	15
12	92	50	520	195	475	131	100	66	42	26	23	14
13	88	50	1700	160	304	124	85	57	36	21	17	85
14	100	50	1000	144	233	118	81	52	33	46	36	143
15	90	62	350	130	197	113	174	48	46	44	51	63
16	80	111	229	120	389	118	250	46	68	29	28	34
17	74	102	150	110	1720	137	133	46	45	133	30	23
18	90	71	120	105	532	343	102	47	36	85	22	18
19	100	64	130	102	3550	204	86	41	33	54	19	16
20	80	61	136	100	2080	152	80	39	29	59	17	15
21	70	63	130	150	547	128	79	42	27	39	24	15
22	62	61	120	130	426	115	76	43	27	29	142	26
23	58	105	100	121	630	110	72	40	37	28	100	44
24	56	116	90	110	481	105	68	38	30	24	95	27
25	55	80	85	136	354	100	65	36	25	21	187	18
26	54	73	94	358	251	98	62	35	23	19	86	16
27	56	68	100	220	203	113	58	34	22	17	47	15
28	60	68	98	158	183	105	57	36	21	16	31	15
29	62	72	96	142	---	116	96	61	20	16	24	14
30	65	64	104	272	---	146	80	46	19	16	21	14
31	60	---	109	206	---	156	---	36	---	15	21	---
TOTAL	20807	1966	9049	6525	18038	5595	3000	1641	1186	974	1318	791
MEAN	671	65.5	292	210	644	180	100	52.9	39.5	31.4	42.5	26.4
MAX	12700	116	1700	1000	3550	674	250	134	182	133	187	143
MIN	54	46	50	100	109	98	57	34	19	15	12	12

CAL YR 1989 TOTAL 102249 MEAN 280 MAX 12700 MIN 29
WTR YR 1990 TOTAL 70890 MEAN 194 MAX 12700 MIN 12

02148000 WATEREE RIVER NEAR CAMDEN, SC

LOCATION.--Lat 34°14'40'', long 80°39'15'', Kershaw County, Hydrologic Unit 03050104, in pier of downstream bridge on U.S. Highway 1, 1,500 ft downstream from Five and Twenty Creek, 4,000 ft upstream from Seaboard Coast Line Railroad bridge, 2.2 mi west of Camden, 7.4 mi downstream from Wateree Dam, and at mile 68.8.

DRAINAGE AREA.--5,070 mi², approximately.

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.--Water-stage recorder and data collection platform. Datum of gage is 119.36 ft above National Geodetic Vertical Datum of 1929. January 1903 to September 1910, nonrecording gage at site 1.5 mi downstream at datum 1.65 ft lower. Oct. 1, 1929 to Sept. 1, 1942, recording gage at site 830 ft upstream at same datum.

REMARKS.--Records good, except for estimated daily discharges: Mar. 17 - 19 and June 11 - 18, which are fair. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft³).

AVERAGE DISCHARGE.--67 years (water years 1905-10, 1930-90), 6,336 ft³/s, 16.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 366,000 ft³/s, Aug. 26, 1908 gage height, 39.7 ft, site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft³/s on basis of computation, by Duke Power Co., of peak flow 382,000 ft³/s over dam at Rocky Creek Reservoir; minimum daily, 143 ft³/s, Sept. 28, 1980.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--The flood of July 18, 1916 reached a stage of 40.4 ft, datum 117.71 ft above mean sea level, at site 1.5 mi downstream, from records of National Weather Service, discharge, 400,000 ft³/s, from rating curve extended above 122,000 ft³/s, as explained above.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 110,000 ft³/s, Oct. 3, gage height, 33.24 ft; minimum daily, 832 ft³/s, June 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12600	6080	6900	7260	11200	13400	12200	6380	8840	1360	2440	1930
2	51600	8740	7500	7270	9360	9980	11900	9280	7180	1330	1610	1540
3	99000	8740	7730	10500	8630	10500	12200	8330	5920	1180	2040	1500
4	60500	6570	7440	8360	10200	14300	12700	7870	3340	1630	2550	2790
5	33400	4340	5220	7840	8840	14500	12600	4930	4280	1400	1670	3570
6	22000	3110	3670	9970	9380	14000	9670	4140	3660	1260	1450	2940
7	16700	3920	7280	10400	10900	13500	10800	5140	4120	1560	3120	4310
8	14000	5100	8450	11400	8980	13200	10700	3310	5660	1440	5710	5020
9	13200	3960	11500	12900	10900	13200	11300	3250	4660	1280	1570	2140
10	13100	5500	12200	13200	9900	12800	12000	5050	4180	1560	1210	3060
11	12900	5320	13000	12900	11900	12700	11000	5940	5800	1580	2130	3860
12	11700	2700	10700	12600	12400	12600	10400	5570	4500	1510	1470	5910
13	10600	2170	10900	10800	12500	12400	6460	3870	5800	1570	1930	5140
14	10500	3380	13000	8620	12500	12400	5520	7400	6000	1580	1190	3830
15	9710	7330	12700	9050	12300	12200	3560	5590	5900	1400	4080	4800
16	9590	6130	12300	9090	11900	12100	6760	3960	4000	1650	6120	2340
17	9090	8230	12400	9020	12600	12400	9030	5740	4400	1610	3890	2480
18	8990	9160	9830	10800	12900	12700	8240	4470	5000	1580	2820	1190
19	10700	5790	11300	10400	13500	13000	7440	3110	5300	2360	3280	1710
20	9350	6390	10100	8710	18500	12500	6270	2820	2130	4950	3330	2840
21	7410	4760	8900	7220	21300	12700	3640	2550	1940	3350	3270	2020
22	4700	8760	9180	9860	19000	12800	3050	2330	1850	1800	2910	1730
23	6900	8590	11600	9980	18100	12600	5190	2440	975	2710	3790	1580
24	8440	9610	8790	8710	17900	12400	2980	2930	1510	1480	1940	1430
25	10100	10200	8370	9690	16300	11700	4040	3600	1640	1810	1830	1560
26	8870	9300	8310	10900	15000	11800	4970	4160	1440	1500	3190	1630
27	9340	7650	7770	12500	14000	10700	4500	3700	832	3540	3980	1550
28	5730	7700	4820	12000	13500	12500	3090	2930	1620	5960	5780	1610
29	5680	6180	7970	9630	---	12000	3710	8900	1380	1750	5440	1530
30	5870	6740	7760	10700	---	11400	6780	8210	1350	3350	3610	1520
31	6500	---	6440	9260	---	12500	---	8140	---	2890	4930	---
TOTAL	518770	192150	284030	311540	364390	387480	232700	156040	115207	63930	94280	79060
MEAN	16730	6405	9162	10050	13010	12500	7757	5034	3840	2062	3041	2635
MAX	99000	10200	13000	13200	21300	14500	12700	9280	8840	5960	6120	5910
MIN	4700	2170	3670	7220	8630	9980	2980	2330	832	1180	1190	1190

CAL YR 1989 TOTAL 2784890 MEAN 7630 MAX 99000 MIN 373
WTR YR 1990 TOTAL 2799577 MEAN 7670 MAX 99000 MIN 832

SANTEE RIVER BASIN
02148315 WATEREE RIVER BELOW EASTOVER, SC

LOCATION.--Lat 33°49'42'', long 80°37'14'', Richland County, Hydrologic Unit 03050104, on right bank, 1.3 mi upstream from Southern Railway bridge, 1.8 mi northeast of Wateree, 4.5 mi southeast of Eastover, and at mile 10.8.

DRAINAGE AREA.--5,590 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft³/s only.

GAGE.--Data collection platform. Datum of gage is 77.43 ft National Geodetic Vertical Datum of 1929 (South Carolina Electric and Gas Company benchmark).

REMARKS.--Records good, except for estimated daily discharges: Oct. 20, 21, Nov. 17, 18, 20, 24, 25, 30, Dec. 3, 4, July 31, Aug. 1, Sept. 8, 20 - 22, which are fair. Flow regulated by powerplant at Wateree Reservoir, usable capacity, 2,794,000,000 ft³. Discharge represents only that portion of the flow confined to the main channel; less than about 10,000 ft³/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, the daily mean discharge is not shown for Oct. 1 - 16, Dec. 11 - 20, Jan. 10 - 14, 28, 29, Feb. 13 to Apr. 6.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown; maximum gage height, 17.98 ft, Oct. 6, 1989; minimum daily, 549 ft³/s, Oct. 22, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown; maximum gage height, 17.98 ft, Oct. 6, 1989; minimum daily, 1450 ft³/s, June 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	6790	7000	7220	9770	---	---	6140	8430	1730	3430	4990
2	---	6710	6950	6430	9890	---	---	7230	8610	1710	3060	3260
3	---	8280	7320	7340	9760	---	---	8460	8080	1690	2630	1920
4	---	8710	7710	9210	9480	---	---	8560	7020	1700	1950	1680
5	---	7720	7500	8950	9640	---	---	8360	4540	1700	2230	2000
6	---	5630	6330	8570	9430	---	---	6890	4430	1750	2320	3410
7	---	4200	4670	9320	9470	---	9920	5450	4400	1700	1880	3430
8	---	3590	6440	9720	9730	---	9820	5520	3890	1690	2200	3720
9	---	5030	8390	9960	9580	---	9820	4610	5590	1740	4850	4810
10	---	4770	9760	---	9790	---	9870	4060	5310	1700	3790	3710
11	---	4940	---	---	9750	---	9960	4970	4720	1710	1900	2600
12	---	5890	---	---	9930	---	9860	6070	5750	1770	1840	3890
13	---	3990	---	---	---	---	9690	6270	5060	1730	1940	5150
14	---	2580	---	---	---	---	8550	5180	5840	1700	1970	5580
15	---	3320	---	9820	---	---	7110	6720	5950	1720	1690	4470
16	---	5990	---	9620	---	---	5580	6510	5910	1690	2720	4890
17	9910	6740	---	9550	---	---	6690	5160	4160	1700	5400	3820
18	9740	7760	---	9440	---	---	8530	5850	4390	1730	4880	2800
19	9590	8660	---	9750	---	---	8540	5460	5050	1710	3700	2050
20	9810	7190	---	9820	---	---	8010	4060	5770	1930	3400	1770
21	9670	6370	9930	9450	---	---	7190	3370	3970	3960	3350	2270
22	8690	5720	9520	8720	---	---	5620	2990	2960	4100	3820	2800
23	6690	7840	9370	9290	---	---	4130	2770	2520	2820	3360	2090
24	6990	8590	9770	9580	---	---	5170	2550	2020	2380	3390	1740
25	8380	9050	9430	9330	---	---	4370	2760	1990	2590	3060	1620
26	9250	9380	8950	9510	---	---	4190	3460	1920	2060	2230	1670
27	9100	9220	8740	9820	---	---	5060	4010	2080	1840	2540	1740
28	9130	8510	8250	---	---	---	5340	4430	1620	2620	3850	1740
29	7560	8000	6740	---	---	---	4330	3810	1450	5300	5510	1620
30	6470	7090	7610	9950	---	---	4100	7520	1750	3400	5310	1570
31	6330	---	8010	9930	---	---	---	8470	---	2310	4680	---
TOTAL	127310	198260	168390	220300	116220	---	171450	167670	135180	67880	98880	88810
MEAN	8487	6609	8019	9179	9685	---	7144	5409	4506	2190	3190	2960
MAX	9910	9380	9930	9960	9930	---	9960	8560	8610	5300	5510	5580
MIN	6330	2580	4670	6430	9430	---	4100	2550	1450	1690	1690	1570

CAL YR 1989 TOTAL 1898260 MEAN 6065 MAX 9930 MIN 1490
WTR YR 1990 TOTAL 1560350 MEAN 5593 MAX 9960 MIN 1450

SANTÉE RIVER BASIN

103

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: October 1970 to current year.

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: October 1970 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 270 microsiemens, Oct. 20, 1988; minimum, 40 microsiemens, Sept. 1, 1984.

pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.8 units, Aug. 3, 1982, Mar. 10, 1988.

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

DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Jan. 22, 1977; minimum, 2.1 mg/L, Aug. 27, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 195 microsiemens, Sept. 30; minimum, 80 microsiemens, Feb. 28, Mar. 1 - 3.

pH: Maximum, 7.3 units, Dec 5, 6, several days in Sept.; minimum, 6.5 units, Oct. 8, 9.

WATER TEMPERATURE: Maximum, 31.0°, July 10; minimum, 4.5°C, Dec. 25 - 29.

DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Jan. 4; minimum, 3.6 mg/L, Oct. 6 - 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	160	154	158	113	111	111	139	134	138	115	113	114
2	153	137	145	114	112	114	140	135	137	114	113	114
3	136	130	132	113	112	112	---	---	---	114	111	113
4	132	121	126	113	109	111	---	---	---	118	114	116
5	122	106	114	109	108	108	139	136	137	118	113	115
6	105	91	98	114	109	112	139	137	138	116	113	114
7	91	86	88	113	111	112	137	134	136	118	116	117
8	85	84	85	114	112	113	137	133	135	117	114	115
9	84	83	84	116	109	112	133	129	130	116	106	112
10	83	82	83	116	113	115	130	124	126	112	107	110
11	82	82	82	120	116	117	126	120	122	114	112	113
12	82	81	82	116	112	114	123	121	122	115	114	114
13	82	81	82	116	112	113	121	114	118	116	114	115
14	82	82	82	124	117	120	121	115	117	116	109	113
15	83	82	83	125	111	118	123	121	122	110	109	109
16	84	83	84	120	112	116	122	120	121	112	109	111
17	92	85	86	---	---	---	122	120	121	112	111	112
18	93	88	90	---	---	---	122	116	120	111	109	110
19	94	89	92	120	116	118	118	111	114	111	110	111
20	---	---	---	120	116	118	119	114	117	111	107	110
21	---	---	---	122	115	119	114	112	113	107	106	107
22	101	96	98	122	117	120	113	109	111	109	106	107
23	106	101	104	122	118	121	114	109	111	111	109	110
24	105	102	104	---	---	---	114	112	114	111	105	109
25	105	102	103	---	---	---	113	106	108	107	104	105
26	106	105	105	131	124	128	110	107	109	110	107	108
27	106	104	105	132	128	129	115	109	112	110	107	108
28	105	103	104	137	129	132	115	115	115	108	107	108
29	110	105	107	142	135	139	116	115	115	107	104	106
30	114	110	112	141	138	139	116	115	116	104	102	103
31	113	112	112	---	---	---	116	115	116	106	104	105
MONTH	160	81	101	142	108	118	140	106	121	118	102	111

02148315 WATEREE RIVER BELOW EASTOVER. SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	104	102	103	81	80	80	103	102	103	105	101	103
2	113	104	108	80	80	80	102	100	101	102	100	101
3	110	104	107	83	80	81	102	100	101	104	101	103
4	113	105	109	83	81	82	103	101	102	104	103	103
5	114	104	111	84	81	83	103	101	102	112	103	106
6	111	103	105	86	84	85	101	99	101	114	101	111
7	114	111	112	88	86	87	99	92	95	115	112	113
8	115	113	114	88	87	88	95	93	94	112	107	110
9	114	110	112	89	88	88	94	91	93	110	109	109
10	115	114	115	90	88	89	92	90	91	111	110	110
11	114	111	112	90	88	89	95	92	93	112	111	111
12	114	109	111	90	87	88	95	93	94	114	111	113
13	111	109	109	90	87	88	94	92	93	115	112	113
14	112	111	111	89	88	88	95	92	93	116	114	115
15	113	111	113	91	88	89	98	95	96	121	117	119
16	115	111	112	90	88	89	101	98	99	120	119	119
17	114	111	112	92	89	90	101	96	99	122	120	121
18	111	106	109	91	89	90	98	96	96	125	122	124
19	106	100	103	93	88	90	97	95	96	125	124	125
20	100	97	99	91	88	89	98	95	97	126	124	125
21	103	96	100	91	89	90	100	98	98	130	126	128
22	107	103	105	94	90	92	102	100	101	131	129	130
23	105	98	101	98	92	94	109	103	106	132	129	130
24	97	90	94	104	95	99	106	101	103	131	130	131
25	90	89	89	105	101	102	103	101	102	132	131	131
26	91	84	87	107	103	104	106	104	105	133	130	132
27	85	82	84	107	103	105	105	101	103	131	128	130
28	83	80	81	107	104	105	105	101	102	131	123	128
29	---	---	---	107	104	105	104	103	104	127	122	126
30	---	---	---	106	98	104	109	103	106	132	123	129
31	---	---	---	103	101	102	---	---	---	131	121	126
MONTH	115	80	105	107	80	91	109	90	99	133	100	119
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	126	122	124	---	---	---	144	137	140	157	139	147
2	129	125	128	---	---	---	142	109	132	160	149	155
3	128	125	126	161	146	155	148	133	141	189	156	166
4	133	128	131	162	159	161	148	131	134	183	167	176
5	137	133	134	164	159	161	159	147	152	166	156	162
6	143	136	139	164	130	152	161	133	156	172	157	166
7	140	137	138	166	142	162	164	151	157	175	163	168
8	146	140	142	165	159	162	171	156	166	164	156	160
9	148	142	145	164	142	161	156	146	150	160	156	157
10	142	139	140	167	145	152	154	147	150	159	152	155
11	142	139	140	150	143	146	---	---	---	154	149	151
12	143	138	141	150	138	145	---	---	---	157	151	153
13	142	135	139	145	141	143	---	---	---	168	155	162
14	143	138	140	143	138	141	---	---	---	183	164	177
15	144	142	143	149	142	145	---	---	---	184	173	178
16	143	142	143	144	139	141	---	---	---	---	---	---
17	143	142	143	147	128	140	147	144	146	---	---	---
18	145	143	143	146	139	141	149	145	147	---	---	---
19	144	140	142	148	140	142	157	148	151	---	---	---
20	144	138	142	151	145	148	158	145	148	---	---	---
21	146	143	145	149	139	143	149	146	147	---	---	---
22	159	146	150	141	139	140	152	145	148	---	---	---
23	158	151	154	147	141	144	145	137	143	---	---	---
24	158	154	156	151	142	148	146	137	141	---	---	---
25	160	154	155	147	142	144	134	130	132	---	---	---
26	164	152	157	150	125	134	134	128	132	---	---	---
27	157	149	154	144	127	133	144	127	133	190	185	188
28	---	---	---	---	---	---	153	144	149	192	187	189
29	---	---	---	---	---	---	154	145	152	192	189	190
30	---	---	---	---	---	---	154	141	147	195	177	191
31	---	---	---	---	---	---	155	136	142	---	---	---
MONTH	164	122	142	167	125	147	171	109	145	195	139	168
YEAR	195	80	120									

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

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

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	22.5	22.5	22.5	18.5	18.5	18.5	12.5	12.5	12.5	7.0	6.0	6.5
2	22.5	22.0	22.5	18.0	17.5	18.0	12.5	12.0	12.5	6.5	6.0	6.0
3	22.5	22.0	22.5	17.5	17.0	17.5	---	---	---	6.0	5.5	6.0
4	22.5	22.0	22.0	17.5	17.0	17.0	---	---	---	6.0	5.5	6.0
5	22.0	21.5	21.5	17.5	17.0	17.0	10.5	10.5	10.5	6.5	6.0	6.5
6	21.5	21.0	21.5	17.5	16.5	17.0	11.0	10.5	11.0	7.0	6.5	7.0
7	22.0	21.5	21.5	18.5	17.0	17.5	12.0	11.0	11.5	6.5	6.5	6.5
8	22.0	21.5	21.5	19.0	18.5	18.5	11.5	10.5	11.0	7.0	6.5	6.5
9	21.5	20.5	21.0	19.5	18.5	18.5	10.5	9.5	10.0	7.0	6.5	7.0
10	20.5	20.0	20.0	18.5	17.5	18.0	9.5	9.5	9.5	7.0	7.0	7.0
11	20.5	20.0	20.0	18.0	17.0	17.5	9.5	9.0	9.5	7.5	7.0	7.5
12	20.5	20.0	20.5	18.5	17.0	17.5	9.5	9.5	9.5	8.0	7.5	7.5
13	20.5	20.0	20.5	18.0	17.0	17.5	9.5	9.0	9.5	7.5	7.5	7.5
14	20.5	20.5	20.5	17.5	17.0	17.5	9.0	8.5	9.0	7.5	7.0	7.5
15	20.5	20.5	20.5	17.5	17.5	17.5	9.0	8.5	8.5	7.5	7.5	7.5
16	21.0	20.5	20.5	17.5	16.5	17.0	9.0	8.0	8.5	8.0	7.5	8.0
17	21.0	21.0	21.0	---	---	---	8.0	7.5	7.5	8.5	8.0	8.5
18	21.0	20.5	21.0	---	---	---	7.5	7.0	7.5	9.0	8.5	9.0
19	21.0	20.0	20.5	15.0	14.5	15.0	7.0	7.0	7.0	9.0	8.5	9.0
20	---	---	---	14.5	14.5	14.5	7.0	6.5	7.0	9.0	9.0	9.0
21	---	---	---	14.5	14.0	14.5	7.0	6.5	6.5	10.0	9.5	9.5
22	18.5	18.0	18.0	15.0	14.5	14.5	6.5	5.5	6.0	10.0	9.5	9.5
23	18.5	18.0	18.0	14.5	14.0	14.0	5.5	5.0	5.5	9.5	9.0	9.0
24	18.5	17.5	18.0	---	---	---	5.0	5.0	5.0	10.0	9.5	9.5
25	18.5	18.0	18.5	---	---	---	5.0	4.5	4.5	10.5	10.0	10.0
26	18.5	18.0	18.5	14.0	13.5	13.5	4.5	4.5	4.5	10.5	10.0	10.0
27	18.5	18.0	18.0	14.0	14.0	14.0	5.0	4.5	5.0	10.0	9.5	9.5
28	18.0	18.0	18.0	14.5	14.0	14.0	5.0	4.5	5.0	10.0	9.5	10.0
29	18.0	18.0	18.0	14.0	13.5	14.0	5.0	4.5	5.0	10.5	10.0	10.0
30	18.5	17.5	18.0	13.5	12.5	13.0	5.5	5.0	5.0	10.5	10.5	10.5
31	19.0	18.0	18.5	---	---	---	6.0	5.5	5.5	11.0	10.5	10.5
MONTH	22.5	17.5	20.0	19.5	12.5	16.5	12.5	4.5	8.0	11.0	5.5	8.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.0	10.5	11.0	12.0	11.5	12.0	16.0	15.5	15.5	21.0	19.5	20.5
2	11.5	11.0	11.0	12.0	11.5	11.5	16.5	16.0	16.5	21.5	20.5	21.0
3	12.0	11.5	12.0	12.0	11.5	12.0	16.5	16.0	16.5	22.0	21.0	21.5
4	12.5	12.0	12.5	12.0	11.5	12.0	16.5	15.5	16.0	21.5	21.0	21.5
5	12.5	11.5	12.0	12.5	12.0	12.0	16.5	16.0	16.5	21.0	21.0	21.0
6	12.0	11.0	11.5	12.5	12.0	12.0	16.5	16.0	16.5	21.0	20.0	20.5
7	12.5	12.0	12.0	12.5	12.0	12.0	16.5	16.5	16.5	21.0	19.5	20.0
8	12.5	12.0	12.0	12.0	12.0	12.0	16.5	16.0	16.0	21.5	20.0	21.0
9	12.5	12.0	12.5	12.0	11.5	11.5	16.5	16.0	16.0	22.0	21.0	21.5
10	12.5	12.5	12.5	12.5	11.5	12.0	16.5	16.0	16.5	22.5	21.0	21.5
11	12.5	12.5	12.5	13.5	12.5	13.0	16.5	16.0	16.5	22.0	21.0	21.5
12	12.5	12.0	12.5	14.0	13.0	13.5	16.5	16.0	16.0	22.0	21.0	21.5
13	13.0	12.5	12.5	14.0	13.5	13.5	16.5	16.0	16.5	22.5	21.5	22.0
14	13.0	12.5	13.0	15.0	14.0	14.5	17.0	16.5	16.5	23.5	22.0	22.5
15	13.5	12.5	13.0	14.5	14.0	14.5	17.5	16.5	17.0	23.5	22.5	23.0
16	14.0	13.5	13.5	14.5	14.0	14.0	18.5	16.5	17.5	24.0	23.5	23.5
17	14.5	14.0	14.0	14.5	14.0	14.0	19.0	17.5	18.5	24.0	23.5	23.5
18	14.0	13.5	13.5	14.0	13.5	14.0	18.5	17.5	17.5	24.0	22.5	23.5
19	13.5	13.0	13.0	15.5	13.5	14.5	17.5	17.0	17.0	23.5	22.5	23.0
20	13.5	13.0	13.5	15.5	15.5	15.5	17.5	17.5	17.5	24.5	23.0	24.0
21	13.0	12.5	13.0	15.5	14.5	15.0	18.5	17.5	18.0	24.5	23.5	24.0
22	13.5	13.0	13.5	15.5	15.0	15.5	19.5	18.0	18.5	24.5	23.5	24.0
23	13.5	13.5	13.5	16.0	15.5	15.5	20.5	19.0	19.5	24.0	23.0	23.5
24	13.5	13.0	13.0	16.5	15.5	16.0	21.5	20.0	20.5	23.5	23.0	23.5
25	12.5	12.0	12.5	16.5	16.0	16.5	22.0	20.0	21.0	24.0	22.5	23.5
26	12.0	11.5	11.5	16.5	16.0	16.0	22.0	21.0	21.5	24.5	23.5	24.0
27	11.5	11.0	11.5	16.0	16.0	16.0	21.5	20.0	21.0	25.0	23.5	24.5
28	12.0	11.0	11.5	16.0	15.5	15.5	21.0	20.0	20.5	24.5	23.5	24.0
29	---	---	---	15.5	15.0	15.5	20.5	19.5	20.0	23.5	23.0	23.0
30	---	---	---	15.0	15.0	15.0	20.5	19.0	20.0	23.5	22.5	23.0
31	---	---	---	15.5	15.0	15.0	---	---	---	23.5	23.0	23.5
MONTH	14.5	10.5	12.5	16.5	11.5	14.0	22.0	15.5	18.0	25.0	19.5	22.5

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.5	5.3	5.4	7.6	7.5	7.5	9.7	9.2	9.5	11.8	11.6	11.7
2	5.4	5.1	5.2	7.8	7.5	7.6	9.7	9.5	9.5	11.9	11.7	11.8
3	5.2	3.7	4.8	7.8	7.7	7.7	---	---	---	12.2	11.8	12.0
4	---	---	---	7.8	7.6	7.7	---	---	---	12.3	12.1	12.2
5	---	---	---	7.9	7.8	7.8	10.0	9.7	9.9	12.1	11.9	12.0
6	3.7	3.6	3.7	7.8	7.7	7.8	10.0	9.7	9.9	12.0	11.8	11.9
7	3.7	3.6	3.6	7.7	7.6	7.7	9.7	9.5	9.6	12.1	12.0	12.0
8	3.8	3.6	3.7	7.6	7.3	7.4	10.0	9.6	9.8	12.0	11.8	11.9
9	4.2	3.8	4.0	7.9	7.4	7.7	10.1	10.0	10.0	11.8	11.6	11.7
10	4.5	4.2	4.4	7.8	7.7	7.8	10.3	10.1	10.2	11.7	11.6	11.6
11	4.5	4.5	4.5	8.0	7.7	7.8	10.4	10.2	10.3	11.6	11.3	11.4
12	4.6	4.4	4.5	8.3	8.0	8.2	10.4	10.3	10.3	11.3	11.1	11.2
13	4.6	4.1	4.4	8.0	7.8	8.0	10.3	10.1	10.2	11.2	11.1	11.2
14	4.8	4.1	4.4	7.8	7.7	7.7	10.6	10.1	10.3	11.2	11.0	11.1
15	5.0	4.5	4.7	8.1	7.6	7.8	10.6	10.5	10.6	11.2	11.0	11.1
16	5.0	4.5	4.7	8.2	8.0	8.1	10.6	10.6	10.6	11.4	11.1	11.3
17	5.2	4.5	4.9	---	---	---	10.9	10.6	10.8	11.3	11.2	11.3
18	5.1	4.8	5.0	---	---	---	11.0	10.7	10.9	11.3	11.0	11.1
19	5.6	4.8	5.1	8.7	8.5	8.6	11.0	10.6	10.8	11.2	11.0	11.1
20	---	---	---	8.9	8.6	8.7	11.0	10.9	11.0	11.1	10.8	11.0
21	---	---	---	8.9	8.6	8.7	11.0	10.9	10.9	10.7	10.6	10.7
22	6.6	6.2	6.5	8.8	8.6	8.7	11.0	10.9	11.0	10.6	10.5	10.5
23	6.7	6.2	6.4	9.1	8.6	8.8	11.4	11.0	11.2	11.0	10.6	10.8
24	7.2	6.8	7.0	---	---	---	11.6	11.3	11.5	11.1	10.9	11.0
25	7.1	7.0	7.1	---	---	---	11.6	11.5	11.5	10.9	10.7	10.8
26	7.1	6.9	7.1	9.4	9.1	9.2	11.9	11.6	11.7	10.8	10.7	10.7
27	7.2	6.9	7.0	9.2	9.0	9.1	11.8	11.7	11.7	11.0	10.8	10.9
28	7.3	7.2	7.2	9.2	9.0	9.1	11.8	11.7	11.7	11.2	10.9	11.1
29	7.2	7.0	7.0	9.2	9.0	9.1	11.8	11.6	11.8	11.0	10.6	10.8
30	7.3	7.0	7.2	9.2	9.0	9.1	12.2	11.6	11.9	10.6	10.5	10.6
31	7.5	7.2	7.3	---	---	---	12.1	11.8	12.0	10.6	10.5	10.6
MONTH	7.5	3.6	5.4	9.4	7.3	8.2	12.2	9.2	10.7	12.3	10.5	11.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.6	10.4	10.5	10.3	9.9	10.1	9.5	9.4	9.5	8.5	8.1	8.3
2	10.7	10.4	10.5	10.1	9.9	10.0	9.4	9.1	9.3	8.4	7.9	8.3
3	10.6	10.0	10.3	10.1	9.9	10.0	9.2	9.1	9.1	8.2	7.7	8.0
4	10.0	9.9	10.0	10.2	9.8	10.0	9.7	9.1	9.3	8.1	7.5	7.8
5	10.2	10.0	10.2	10.4	10.1	10.2	9.9	9.7	9.8	7.7	7.3	7.5
6	10.3	10.0	10.2	10.4	10.1	10.2	9.7	9.4	9.6	7.5	7.2	7.4
7	10.4	10.3	10.4	10.4	10.1	10.2	9.3	8.8	9.0	7.6	7.2	7.4
8	10.4	10.2	10.3	10.2	10.1	10.2	9.8	8.9	9.4	8.0	7.6	7.7
9	10.2	10.1	10.2	10.2	10.0	10.1	9.9	9.7	9.8	7.8	7.6	7.7
10	10.3	9.9	10.1	10.2	10.0	10.1	9.8	9.7	9.8	7.6	7.3	7.5
11	10.0	9.8	9.9	10.1	9.9	10.0	9.7	9.4	9.6	7.7	7.4	7.5
12	10.2	9.9	10.0	10.0	9.8	9.9	9.4	9.1	9.3	7.6	7.2	7.4
13	10.2	10.0	10.1	9.9	9.7	9.8	9.6	9.1	9.4	7.8	7.2	7.6
14	10.1	9.9	10.0	9.9	9.7	9.8	9.4	8.7	9.0	7.5	7.1	7.4
15	9.9	9.7	9.8	9.7	9.6	9.7	8.9	8.5	8.7	7.4	7.0	7.2
16	9.7	9.5	9.6	9.7	9.5	9.6	8.7	8.5	8.7	7.6	7.1	7.4
17	9.4	9.2	9.4	9.6	9.4	9.5	9.1	8.3	8.6	7.4	6.7	7.1
18	9.5	9.3	9.4	9.5	9.3	9.4	9.3	9.1	9.2	7.5	6.9	7.2
19	9.5	9.4	9.5	9.6	9.4	9.5	9.4	9.2	9.3	7.5	7.1	7.2
20	9.4	9.2	9.3	9.6	9.4	9.5	9.6	9.1	9.4	7.4	7.1	7.3
21	9.6	9.1	9.3	9.6	9.2	9.4	9.3	8.8	9.1	7.1	6.9	7.0
22	9.6	9.4	9.5	9.8	9.4	9.6	8.9	8.6	8.8	6.9	6.8	6.9
23	9.3	8.8	9.1	9.6	9.4	9.5	8.5	7.7	8.1	7.2	6.9	7.1
24	9.2	8.8	9.0	9.3	9.1	9.2	8.8	7.9	8.4	7.3	7.1	7.2
25	9.5	9.1	9.3	9.4	9.2	9.3	8.8	8.5	8.7	7.3	7.1	7.2
26	9.8	9.3	9.6	9.2	9.0	9.1	8.4	8.0	8.2	7.1	6.8	7.0
27	10.1	9.7	9.9	9.4	9.2	9.3	8.8	8.1	8.4	6.9	6.6	6.7
28	10.2	9.9	10.0	9.4	8.8	9.1	8.7	8.1	8.5	7.0	6.5	6.6
29	---	---	---	9.5	9.4	9.4	8.4	8.1	8.2	6.8	6.5	6.6
30	---	---	---	9.4	9.2	9.3	8.4	8.1	8.2	6.8	5.8	6.2
31	---	---	---	9.5	9.2	9.3	---	---	---	7.0	6.0	6.6
MONTH	10.7	8.8	9.8	10.4	8.8	9.7	9.9	7.7	9.0	8.5	5.8	7.3

SANTEE RIVER BASIN

02153500 BROAD RIVER NEAR GAFFNEY, SC

LOCATION.--Lat 35°05'20'', long 81°34'20'', Cherokee County, Hydrologic Unit 03050105, on right bank at downstream side of bridge on U.S. Highway 29, 0.3 mi upstream from Cherokee Creek, 4.4 mi downstream from Gaston Shoals Dam, 4.5 mi east of Gaffney, and at mile 270.3.

DRAINAGE AREA.--1,490 mi², approximately.

PERIOD OF RECORD.--July 1896 to December 1899 (gage heights and discharge measurements only), October 1938 to September 1971, October 1971 to May 1986 (Crest-Stage partial record), June 1986 to September 1990 (discontinued). Monthly discharge only for some periods, published in WSP 1303. Discharge for July 12, 1896 to December 31, 1899, published in the 18th, 19th and 21st Annual Reports, Part 4, have been found to be unreliable and should not be used.

GAGE.--Water-stage recorder. Datum of gage is 539.10 ft above National Geodetic Vertical Datum of 1929. July 12, 1896 to December 31, 1899, nonrecording gages at sites 1.1 miles upstream at different datum.

REMARKS.--Estimated daily discharges: Dec. 25, 26, Dec. 29 to Jan. 9, Jan. 14 to Feb. 26, Feb. 28 to Mar. 20. Records poor. Some regulation at medium and low flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

AVERAGE DISCHARGE.--37 years (1938-71)(1987-1990), 2,455 ft³/s, 22.37 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 119,000 ft³/s, Aug. 14, 1940, gage height, 19.78 ft, by computation of flow over Gaston Shoals Dam; minimum, 100 ft³/s, July 8, 1986, gage height, 2.13 ft; minimum daily, 224 ft³/s, Oct. 24, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 16,000 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 2	0430	*38800	*12.52	Mar. 18		unknown	unknown
Feb. 17		unknown	unknown				

Minimum discharge, 412 ft³/s, Aug. 29; gage height, 2.71 ft; minimum daily 1,030 ft³/s, Sept. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21800	1940	1890	3650	3100	3530	3260	3260	2600	1550	1230	3390
2	29500	1640	1860	3110	2930	5510	2950	3240	2550	1350	1300	3510
3	9730	1680	1780	2610	3090	6600	3040	3240	2320	1480	1290	2310
4	5690	1920	1530	2450	4530	5250	2770	3070	2190	1410	1280	1700
5	4390	1470	1530	2590	5180	4410	2350	3080	2380	1600	1270	1760
6	3450	1370	1830	3430	3940	3930	2350	2820	2380	1570	1190	1490
7	2890	1840	1870	4250	3350	3720	2660	2540	2010	1230	1530	1610
8	2380	2200	2690	5660	3040	3560	2310	2630	1560	1220	1810	1570
9	2000	2210	4560	4760	5710	3500	1920	2890	1930	1050	1890	1300
10	2220	2010	3690	3570	9690	3260	2690	3880	2320	1040	1740	1280
11	2140	1470	2740	2960	7800	3040	3710	4370	2490	1810	1430	1430
12	1950	1500	3740	2440	5100	2960	3460	3900	2420	2210	1280	2110
13	1650	1520	8490	2060	4190	3220	3030	3240	2120	2000	1350	2230
14	1970	1450	5800	2250	3610	3220	3000	2860	1630	2230	1160	1820
15	1870	1970	4420	2310	4240	2910	3640	2830	1800	3450	1180	1410
16	1730	3290	3510	2190	18300	3560	3760	2910	2030	3220	1630	1610
17	1700	4590	3060	2270	19500	16400	3330	2910	1950	1990	1780	1600
18	2530	3220	2430	2550	14000	18800	3370	2250	1880	1610	1400	1420
19	3610	2750	2270	2160	13800	8270	2880	2430	1890	1630	1210	1610
20	3800	1960	2170	3260	8500	5470	3020	2490	2140	2120	1080	1520
21	2660	1970	1790	4890	5700	4660	3210	2400	2270	2770	1060	1460
22	2430	1900	1820	3860	6400	4070	2790	2780	1890	2380	1740	1360
23	2050	3460	1860	3060	6800	3730	2540	2880	1570	1710	2220	1200
24	2040	3910	1650	2930	5100	3320	2450	2570	1500	2030	2950	1170
25	2260	2810	1910	7710	4600	2820	2650	2420	1510	2120	2870	1170
26	1760	2410	2190	6120	4810	2660	2540	2360	1560	2330	3620	1450
27	2060	1950	1770	4200	3970	2810	2210	2320	1890	1980	2890	1590
28	1570	2370	1730	3400	3770	2560	2480	2350	1930	1730	2090	1030
29	1550	2280	2310	3250	---	2110	3800	3790	1910	1550	1550	1080
30	1820	1960	2140	3880	---	2630	4070	3450	1760	1650	1760	1180
31	1730	---	2880	3470	---	3320	---	2690	---	1610	1880	---
TOTAL	128930	67020	83910	107300	184750	145810	88240	90850	60380	57630	52660	49370
MEAN	4159	2234	2707	3461	6598	4704	2941	2931	2013	1859	1699	1646
MAX	29500	4590	8490	7710	19500	18800	4070	4370	2600	3450	3620	3510
MIN	1550	1370	1530	2060	2930	2110	1920	2250	1500	1040	1060	1030

CAL YR 1989 TOTAL 856341 MEAN 2346 MAX 29500 MIN 656
WTR YR 1990 TOTAL 1116850 MEAN 3060 MAX 29500 MIN 1030

SANTÉE RIVER BASIN

111

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

LOCATION.--Lat 35°04'45'', long 81°23'17'', York County, Hydrologic Unit 03050105, near right bank, at downstream side of bridge on State Highway 55, 3.0 mi northeast of Smyrna and 10.1 mi northwest of York.

DRAINAGE AREA.--24.1 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 565 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.-- Records fair, except for estimated daily discharges: Feb. 28 to Apr. 5, which are poor.

AVERAGE DISCHARGE.--10 years, 20.5 ft³/s, 11.6 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,890 ft³/s, (estimated based on rating curve extended above 300 ft³/s). Aug. 17, 1985, gage height, 13.22 ft; minimum daily, 0.76 ft³/s, Aug. 19, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,430 ft³/s, Oct. 1, gage height, 11.79 ft; minimum daily, 3.7 ft³/s, Aug. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	662	9.6	11	57	20	22	28	20	15	7.9	5.8	14
2	181	9.4	10	25	19	22	32	20	14	8.3	5.5	7.0
3	35	9.5	10	19	18	46	28	20	14	6.4	5.6	5.8
4	21	9.2	9.8	18	20	37	24	19	13	6.0	4.9	5.2
5	16	9.1	10	19	19	28	25	20	13	6.0	4.9	4.9
6	14	9.9	10	50	17	26	24	18	12	5.8	6.7	4.7
7	13	11	10	37	17	23	25	17	12	5.9	6.4	4.9
8	12	11	101	91	16	22	23	16	11	5.4	5.1	4.8
9	11	12	89	49	16	22	23	17	11	5.3	5.0	22
10	11	11	41	29	238	22	23	38	11	5.2	4.8	8.8
11	10	9.7	33	23	74	21	26	23	11	5.9	5.4	6.6
12	10	9.2	96	21	32	20	23	18	9.8	5.4	4.8	15
13	10	9.3	158	19	23	19	22	17	9.5	7.8	4.1	12
14	10	9.3	42	31	20	19	21	17	9.7	20	4.4	8.6
15	9.8	12	26	19	19	19	32	16	9.9	15	6.6	7.0
16	9.7	53	20	17	528	21	26	15	10	8.3	4.9	6.0
17	10	20	17	16	153	111	23	17	9.4	15	4.6	5.3
18	11	13	16	17	46	145	21	16	9.1	15	4.4	4.8
19	12	11	16	16	187	65	21	14	8.9	8.4	4.1	4.7
20	11	10	15	16	62	37	21	15	8.2	7.6	3.7	5.1
21	9.9	10	14	225	36	35	21	16	8.2	7.4	5.3	5.1
22	9.6	11	14	43	44	34	20	17	8.0	9.0	11	6.1
23	9.3	73	18	26	55	32	20	15	8.2	8.1	13	6.3
24	9.4	24	22	23	37	25	19	14	7.5	7.0	9.5	5.2
25	9.4	16	22	101	30	21	19	14	7.1	7.6	8.2	4.8
26	9.3	14	21	67	28	19	18	14	6.8	8.4	6.4	4.7
27	9.2	13	18	31	27	23	18	14	6.7	6.7	5.8	4.7
28	9.4	13	12	24	23	29	21	98	6.9	6.1	5.3	4.5
29	9.5	12	12	23	---	32	34	163	6.6	5.9	5.0	4.6
30	9.8	11	13	28	---	23	23	26	6.9	5.7	4.9	4.6
31	9.8	---	21	22	---	34	---	17	---	5.5	47	---
TOTAL	1184.1	455.2	927.8	1202	1824	1054	704	781	294.4	248.0	223.1	207.8
MEAN	38.2	15.2	29.9	38.8	65.1	34.0	23.5	25.2	9.81	8.00	7.20	6.93
MAX	662	73	158	225	528	145	34	163	15	20	47	22
MIN	9.2	9.1	9.8	16	16	19	18	14	6.6	5.2	3.7	4.5

CAL YR 1989 TOTAL 7938.0 MEAN 21.7 MAX 662 MIN 4.2
WTR YR 1990 TOTAL 9105.4 MEAN 24.9 MAX 662 MIN 3.7

SANTEE RIVER BASIN

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

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

DRAINAGE AREA.--116 mi².

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for some periods, published in WSP-1303.

GAGE.--Water-stage recorder. Datum of gage is 715.56 ft above National Geodetic Vertical Datum 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: Oct. 1 - 7, Mar. 18 to Apr. 5, Apr. 8 - 11, July 20 to Aug. 22, Aug. 26 to Sept. 20, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

AVERAGE DISCHARGE.--61 years, 207 ft³/s, 24.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft³/s, Aug. 14, 1940, gage height, 27.13 ft from rating curve extended above 4,300 ft³/s on basis of computation of peak flow over dam 2.0 mi above station; minimum, 9.0 ft³/s, Oct. 6, 1954; minimum daily 27 ft³/s, Aug. 27, 1988.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/s and maximum (*):

Discharge Gage Height				Discharge Gage Height			
Date	Time	(ft ³ /s)	(ft)	Date	Time	(ft ³ /s)	(ft)
Feb. 17	1000	* 3280	* 12.08	Mar. 18	0445	* 3190	* 11.84

Minimum recorded discharge, 81 ft³/s, part or all of each day Sept. 25 - 28, but may have been less during period of no gage-height record July 20 to Aug. 22, gage height, 3.21 ft; minimum daily, 81 ft³/s, Sept. 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	520	127	129	355	278	308	390	227	174	107	95	92
2	460	122	128	231	255	312	440	236	170	103	94	90
3	370	121	125	196	239	642	390	239	171	97	96	90
4	310	118	121	189	507	519	340	220	167	95	100	100
5	270	116	120	211	593	394	280	231	159	92	105	130
6	240	126	120	222	365	354	276	202	153	87	110	180
7	210	144	121	218	308	325	275	194	149	87	110	140
8	185	137	241	389	274	307	300	187	136	87	105	100
9	170	144	319	353	253	312	240	191	159	90	100	140
10	150	130	275	274	507	300	230	406	243	93	95	120
11	153	122	233	235	544	288	320	305	167	105	92	105
12	147	118	314	215	382	278	262	242	149	95	90	100
13	141	115	525	194	321	260	247	218	141	111	95	140
14	137	114	350	184	284	262	240	205	137	143	105	160
15	131	123	264	177	272	257	318	192	135	156	90	180
16	128	264	231	173	1120	288	272	185	132	121	88	150
17	151	189	201	170	2450	1540	251	182	134	104	86	140
18	194	155	187	167	766	2010	238	185	130	100	84	130
19	358	141	179	165	715	900	228	170	126	121	82	110
20	224	135	173	164	546	520	226	168	120	180	82	105
21	177	131	165	314	431	490	227	169	117	150	84	99
22	161	131	159	241	503	470	225	200	119	120	90	102
23	152	249	147	203	630	440	217	171	123	110	228	98
24	145	186	143	194	462	350	212	167	113	105	150	84
25	141	162	153	550	389	290	206	163	109	150	115	81
26	135	153	147	524	356	260	201	160	110	180	105	82
27	131	146	143	335	338	320	195	188	106	130	95	82
28	128	142	142	280	326	400	211	342	105	110	90	83
29	123	137	141	272	---	450	318	330	103	108	88	83
30	122	132	142	451	---	320	243	230	119	105	86	83
31	126	---	178	320	---	470	---	189	---	100	90	---
TOTAL	6190	4330	6016	8166	14414	14636	8018	6694	4176	3542	3125	3379
MEAN	200	144	194	263	515	472	267	216	139	114	101	113
MAX	520	264	525	550	2450	2010	440	406	243	180	228	180
MIN	122	114	120	164	239	257	195	160	103	87	82	81

CAL YR 1989 TOTAL 54679 MEAN 150 MAX 718 MIN 60
WTR YR 1990 TOTAL 82686 MEAN 227 MAX 2450 MIN 81

SANTÉE RIVER BASIN

113

02154790 SOUTH PACOLET RIVER NEAR CAMPOBELLO, SC

LOCATION.--Lat 35°06'23'', long 83°07'47'', Spartanburg County, Hydrologic Unit 03050105, on downstream side of bridge on Alverson Road, 0.2 mi upstream of Motlow Creek, 1.1 mi upstream of Lake William C. Bowen, and 1.3 mi southeast of Campobello.

DRAINAGE AREA.--55.4 mi², approximately.

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

GAGE.--Water-stage recorder. Datum of gage is 825 ft above National Geodetic Vertical datum of 1929 (from topographic map).

REMARKS.--January 1989 to September 1989: Estimated daily discharges: Mar. 6 - 9. Records poor.

WATER YEAR 1990: Records good, except for estimated daily discharges: Feb 5 - 16, July 23, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,320 ft³/s, Oct. 1, 1989, gage height, 7.37 ft; minimum daily, 25 ft³/s, Aug. 19, 20, 1989.

EXTREMES FOR CURRENT YEAR.--January 1989 to September 1989: Maximum discharge, 680 ft³/s, July 8, gage height, 5.31 ft; minimum daily, 32 ft³/s, Aug. 23, Sept. 19, 20.

WATER YEAR 1990: Maximum discharge, 1,320 ft³/s, Oct. 1, gage height, 7.37 ft; minimum daily, 25 ft³/s, Aug. 19, 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	36	154	65	68	38	52	61	42
2	---	---	---	---	36	98	61	77	36	50	59	40
3	---	---	---	---	35	96	60	51	35	57	46	38
4	---	---	---	---	36	89	60	46	36	165	41	36
5	---	---	---	---	39	145	63	100	42	90	39	35
6	---	---	---	53	41	116	56	157	49	69	37	46
7	---	---	---	51	40	107	73	76	56	145	37	46
8	---	---	---	49	36	96	74	64	43	408	34	41
9	---	---	---	47	35	87	75	69	71	130	34	39
10	---	---	---	49	34	81	65	108	54	93	33	37
11	---	---	---	66	34	76	61	75	45	80	33	37
12	---	---	---	128	34	73	58	67	42	70	35	36
13	---	---	---	89	33	68	56	61	44	67	33	36
14	---	---	---	74	34	65	55	58	40	64	33	36
15	---	---	---	66	34	64	58	67	52	58	44	34
16	---	---	---	59	37	64	55	58	91	58	39	38
17	---	---	---	56	42	59	52	54	98	58	38	35
18	---	---	---	52	48	58	50	51	61	53	36	33
19	---	---	---	50	52	57	48	49	54	52	38	32
20	---	---	---	47	60	58	47	50	71	53	36	32
21	---	---	---	46	94	65	46	48	136	56	34	35
22	---	---	---	45	79	80	45	47	204	57	33	87
23	---	---	---	43	66	205	44	77	214	51	32	59
24	---	---	---	42	58	484	43	53	105	48	39	48
25	---	---	---	41	55	169	44	48	82	46	34	73
26	---	---	---	41	53	106	41	45	71	44	37	153
27	---	---	---	39	123	91	56	43	64	43	47	75
28	---	---	---	38	408	83	54	41	60	42	38	60
29	---	---	---	39	---	77	45	41	58	40	131	61
30	---	---	---	38	---	75	43	40	54	40	58	174
31	---	---	---	37	---	72	---	38	---	50	47	---
TOTAL	---	---	---	1385	1712	3218	1653	1927	2106	2389	1316	1574
MEAN	---	---	---	53.3	61.1	104	55.1	62.2	70.2	77.1	42.5	52.5
MAX	---	---	---	128	408	484	75	157	214	408	131	174
MIN	---	---	---	37	33	57	41	38	35	40	32	32

WTR YR 1989 TOTAL 17280 MEAN 64.5 MAX 484 MIN 32

Santee River Basin

115

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'35'', long 81°57'35'', Spartanburg County, Hydrologic Unit 03050105, on right bank, 100 ft upstream from bridge on State Road 55, 0.2 mi downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 mi southeast of Fingerville, and at mile 46.5.

DRAINAGE AREA.--212 mi².

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1930-39 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 706.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: Oct. 1 - 7, May 29 - June 2, which are poor. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (02154950). Some diurnal fluctuation caused by mill on North Pacolet River. About 49.0 ft³/s per day diverted from South Pacolet River above station for City of Spartanburg water supply during water year.

AVERAGE DISCHARGE.--61 years, 342 ft³/s, 21.91 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,800 ft³/s Aug. 14, 1940, gage height, 22.43 ft, from rating curve extended above 9,600 ft³/s by velocity-area studies; minimum daily, 32 ft³/s, Oct. 6, 7, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1903 reached a stage of 46 ft, from floodmark (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,520 ft³/s, Mar. 18, gage height, 8.09 ft; minimum daily, 100 ft³/s, Aug. 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3500	156	234	568	540	397	644	290	210	130	124	114
2	2000	184	252	348	520	445	675	395	200	125	124	114
3	1000	176	252	308	513	1090	656	472	195	126	125	114
4	700	168	258	312	878	941	528	446	232	117	125	132
5	600	164	187	346	1050	770	562	343	203	114	122	154
6	550	176	187	339	690	704	435	321	174	110	131	204
7	500	192	178	354	619	645	430	278	170	110	131	158
8	423	180	369	578	576	609	512	270	157	109	129	135
9	356	182	487	525	551	563	373	305	179	141	127	160
10	249	145	386	418	893	504	290	760	200	128	120	155
11	220	138	316	363	964	440	375	519	189	140	120	138
12	192	135	418	299	738	440	460	356	171	118	115	138
13	189	159	743	285	661	426	469	328	162	132	111	170
14	185	185	485	306	617	428	375	313	160	163	127	209
15	184	230	413	368	456	422	524	288	157	178	118	218
16	190	374	371	260	1600	503	533	283	153	145	108	182
17	219	254	343	257	3820	2880	510	286	155	128	106	171
18	253	170	275	289	1870	4050	361	280	186	125	104	165
19	436	155	288	286	1300	1430	260	249	177	141	100	164
20	240	147	303	286	1010	911	287	235	182	210	102	182
21	190	144	291	517	820	779	429	243	172	160	103	187
22	171	210	284	403	913	735	381	273	163	158	132	127
23	208	471	290	333	1100	713	359	242	144	150	250	122
24	202	369	286	311	875	669	313	192	137	151	178	104
25	193	307	302	916	724	587	310	185	133	211	137	102
26	186	284	274	700	705	411	301	182	132	217	132	109
27	184	236	275	360	689	496	297	184	145	156	118	104
28	158	228	243	293	638	630	322	200	129	139	115	105
29	136	251	213	374	---	647	505	240	126	135	111	105
30	137	261	212	670	---	547	314	280	138	133	109	106
31	139	---	275	499	---	699	---	230	---	128	113	---
TOTAL	14090	6431	9690	12471	26330	25511	12790	9468	5031	4428	3867	4348
MEAN	455	214	313	402	940	823	426	305	168	143	125	145
MAX	3500	471	743	916	3820	4050	675	760	232	217	250	218
MIN	136	135	178	257	456	397	260	182	126	109	100	102
CAL YR 1989	TOTAL 85938	MEAN 235	MAX 3500	MIN 80								
WTR YR 1990	TOTAL 134455	MEAN 368	MAX 4050	MIN 100								

SANTEE RIVER BASIN

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'31'', long 82°04'27'', Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co., Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from Meadow Creek.

DRAINAGE AREA.--6.46 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 838 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--11 years, 8.87 ft³/s, 18.65 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 340 ft³/s, Mar. 17, 1990, gage height, 6.75 ft; maximum gage height, 7.86 ft, May 23, 1980; minimum, 0.98 ft³/s, Aug. 1, 1986, gage height, 1.29 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 340 ft³/s, Mar. 17, gage height, 6.75 ft; minimum, 2.1 ft³/s, July 9, gage height, 1.33 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	161	5.1	5.8	19	9.9	11	12	7.7	5.7	3.1	3.8	11
2	42	5.2	5.7	10	9.1	28	10	7.3	5.7	3.1	3.8	6.4
3	14	5.2	5.7	9.2	8.9	49	9.1	6.9	5.8	2.9	3.7	5.5
4	9.5	5.3	5.7	13	41	18	8.8	7.8	5.3	2.8	3.6	4.8
5	8.1	5.3	5.9	10	17	14	8.4	7.3	5.1	2.6	3.5	4.5
6	7.0	8.9	5.9	22	12	13	8.2	6.6	5.0	2.7	4.2	4.3
7	6.3	6.5	6.4	12	11	11	8.9	6.5	4.8	2.6	3.8	4.1
8	5.7	8.2	5.8	41	9.9	11	7.6	6.4	4.7	2.5	3.6	4.0
9	5.5	6.4	34	16	11	12	7.5	18	7.9	2.5	3.6	5.5
10	5.6	6.0	17	12	70	11	8.8	21	6.0	3.9	3.5	4.2
11	5.5	6.1	11	10	22	9.7	11	8.3	4.6	3.2	3.4	3.8
12	5.5	6.1	65	9.1	13	9.0	7.9	7.2	4.4	3.9	3.1	4.2
13	5.3	5.9	43	8.4	11	8.9	7.5	6.9	4.3	5.1	2.8	3.9
14	5.3	6.0	15	8.2	10	8.5	7.5	6.6	4.2	13	2.7	3.9
15	5.2	9.2	12	8.2	10	8.5	10	6.3	4.1	5.8	2.9	3.9
16	5.8	35	10	7.9	117	22	7.6	6.3	4.2	4.0	3.5	3.7
17	5.8	8.7	9.3	7.8	43	200	7.3	10	4.2	3.7	2.9	3.6
18	9.0	7.2	8.6	7.5	19	39	6.9	6.6	4.0	11	2.8	3.5
19	7.4	6.5	8.5	7.2	59	18	6.9	6.1	3.8	28	2.6	3.5
20	6.0	6.3	8.1	11	22	13	7.1	6.3	3.7	22	4.1	3.4
21	5.9	6.1	7.7	47	15	12	7.4	6.2	3.6	7.1	8.3	3.4
22	5.5	15	7.0	13	37	10	7.3	5.8	3.6	6.1	8.3	10
23	5.4	28	6.8	11	23	9.6	7.1	5.8	3.5	5.6	16	4.9
24	5.2	9.3	6.7	16	17	9.1	7.0	5.8	3.4	4.7	5.1	3.8
25	5.1	8.0	6.9	87	13	8.7	6.8	5.8	3.3	4.9	4.3	3.7
26	5.0	7.4	6.9	30	12	9.3	6.6	5.8	3.4	4.6	4.0	3.6
27	5.0	6.9	7.2	15	12	8.9	6.4	5.7	3.4	4.2	3.8	3.5
28	5.0	6.7	7.0	12	11	8.3	37	7.5	3.4	4.0	3.6	3.5
29	5.0	6.2	6.8	17	---	14	38	10	3.3	4.0	3.6	3.4
30	5.1	5.8	7.5	13	---	14	9.7	6.2	3.3	3.9	3.6	3.5
31	5.2	---	24	11	---	21	---	5.9	---	3.8	59	---
TOTAL	382.9	258.5	435.1	521.5	665.8	639.5	302.3	236.6	131.7	181.3	187.5	135.0
MEAN	12.4	8.62	14.0	16.8	23.8	20.6	10.1	7.63	4.39	5.85	6.05	4.50
MAX	161	35	65	87	117	200	38	21	7.9	28	59	11
MIN	5.0	5.1	5.7	7.2	8.9	8.3	6.4	5.7	3.3	2.5	2.6	3.4

CAL YR 1989 TOTAL 3407.3 MEAN 9.34 MAX 161 MIN 2.8
WTR YR 1990 TOTAL 4077.7 MEAN 11.2 MAX 200 MIN 2.5

SANTÉE RIVER BASIN

117

02156301 LAWSONS FORK CREEK AT TREATMENT PLANT AT SPARTANBURG, SC

LOCATION.--Lat 34°56'38'', long 81°51'33'', Spartanburg County, Hydrologic Unit 03050105, on upstream side of footbridge, 40 ft downstream of effluent from Spartanburg Sewage Treatment Plant, 0.9 mi downstream from bridge on County Road 748, and 4.0 mi east of Spartanburg U.S. Post Office.

DRAINAGE AREA.--75.6 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 610 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Feb. 28 to Mar. 1, June 17 - 27, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,490 ft³/s, Mar. 18, 1990, gage height, 10.37 ft; minimum daily, 33 ft³/s, Sept. 19, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,490 ft³/s, Mar. 18, gage height, 10.37 ft; minimum daily, 48 ft³/s, July 6 - 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	900	61	81	168	126	163	167	98	74	56	62	146
2	906	61	79	105	123	162	149	89	72	55	80	93
3	189	62	78	95	122	395	138	86	74	50	63	81
4	124	61	76	103	166	259	122	93	72	50	61	77
5	102	60	78	107	172	192	116	119	68	49	59	74
6	91	77	79	147	132	170	117	87	67	48	72	73
7	83	78	80	123	125	158	119	83	66	48	68	72
8	77	72	330	207	120	148	107	80	64	48	62	69
9	72	73	325	171	123	147	104	99	66	50	61	103
10	71	68	226	132	460	145	104	198	79	51	60	77
11	69	65	151	117	257	137	118	106	68	56	59	76
12	66	64	323	103	173	131	102	89	64	60	58	153
13	64	64	485	99	150	126	98	83	61	108	57	83
14	64	65	197	100	141	123	96	81	60	128	56	81
15	62	83	145	91	135	121	119	78	60	102	57	77
16	62	291	126	91	827	118	100	76	60	67	67	72
17	68	116	112	91	806	737	96	103	60	64	60	69
18	70	90	103	91	311	1020	91	97	59	64	57	67
19	77	82	101	91	518	312	89	82	59	184	56	67
20	69	80	98	94	313	224	89	79	58	221	60	68
21	65	79	95	305	236	187	90	88	57	95	70	67
22	60	108	90	147	322	169	89	80	56	80	166	101
23	60	280	85	127	308	157	87	77	55	75	238	105
24	61	121	83	122	219	150	85	76	54	70	110	74
25	61	100	83	484	188	142	83	74	54	67	100	71
26	60	93	85	320	173	135	81	73	53	69	84	70
27	59	91	83	180	166	140	79	72	53	66	76	69
28	59	93	84	153	163	128	120	98	59	63	73	68
29	59	86	83	153	---	146	257	175	55	62	71	67
30	60	83	84	159	---	155	118	87	52	61	74	67
31	63	---	140	134	---	253	---	78	---	61	253	---
TOTAL	3953	2807	4268	4610	7075	6750	3330	2884	1859	2328	2550	2437
MEAN	128	93.6	138	149	253	218	111	93.0	62.0	75.1	82.3	81.2
MAX	906	291	485	484	827	1020	257	198	79	221	253	153
MIN	59	60	76	91	120	118	79	72	52	48	56	67

WTR YR 1990 TOTAL 44851 MEAN 123 MAX 1020 MIN 48

SANTEE RIVER BASIN

02156450 NEALS CREEK NEAR CARLISLE, SC

LOCATION.--Lat 34°39'53'', long 81°27'28'', Union County, Hydrologic Unit 03050106, at center span, downstream side of bridge on County Road 86, 5.1 mi north of Carlisle, and 10.3 mi southeast of Union.

DRAINAGE AREA.--12.3 mi², approximately.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for days affected by backwater, Oct. 2, 3, Feb. 16 - 18, and Mar. 18, 19, which are poor.

AVERAGE DISCHARGE.--10 years, 11.2 ft³/s, 12.41 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,090 ft³/s, Jan. 10, 1984, gage height 8.97 ft; maximum gage height 11.02 ft., Mar. 2, 1987 (backwater from the Broad River); minimum, 0.24 ft³/s, Aug. 29-31, 1987, gage height, 0.38 ft; minimum daily discharge, 0.27 ft³/s, Aug. 30, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 780 ft³/s, Oct. 1, gage height, 7.24 ft; minimum, 0.52 ft³/s, Aug. 2, gage height, 0.50 ft; minimum daily discharge, 0.75 ft³/s, Aug. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	280	6.2	9.6	33	27	14	13	7.1	3.0	1.2	.75	1.9
2	270	6.4	9.5	27	27	16	12	6.1	3.1	1.3	.80	1.5
3	84	6.7	9.5	25	27	66	12	5.7	3.1	1.2	.82	1.4
4	31	6.5	9.4	25	28	34	11	5.9	2.9	1.1	.79	1.2
5	17	6.7	9.7	24	26	23	11	6.6	2.4	1.1	1.9	1.1
6	12	6.9	9.7	32	25	19	11	5.4	2.3	1.1	1.5	1.1
7	8.5	7.1	9.8	31	25	17	11	5.2	2.3	1.4	1.4	1.1
8	7.1	7.8	67	87	24	15	9.7	5.1	2.2	1.1	1.2	1.0
9	6.0	8.4	68	56	26	15	9.1	5.4	2.3	1.2	1.4	1.0
10	5.8	7.3	51	41	122	15	9.3	8.4	3.3	1.1	1.3	1.3
11	5.5	7.0	41	35	66	14	13	5.6	2.5	.96	1.1	1.1
12	5.3	7.0	54	31	43	13	9.4	5.0	2.4	.91	.99	1.0
13	5.3	7.0	109	28	35	12	9.2	4.8	2.2	1.5	.94	3.0
14	5.5	7.2	54	27	31	12	8.9	4.6	2.1	2.3	.87	2.8
15	5.7	12	41	26	29	12	11	4.4	2.3	1.8	.84	2.0
16	5.6	21	35	25	30	11	9.7	4.2	2.4	1.4	.86	1.4
17	5.8	11	31	25	80	41	8.5	4.2	2.1	1.5	1.7	1.3
18	6.4	9.9	29	25	130	30	7.4	4.0	1.8	1.9	1.1	1.2
19	8.0	8.9	29	24	264	24	7.2	4.0	1.7	2.4	.93	1.2
20	6.6	8.9	27	24	60	18	7.3	4.2	1.5	2.7	.80	1.2
21	6.2	8.4	26	37	37	15	7.7	5.6	1.4	2.0	3.1	1.3
22	6.0	8.4	25	30	34	15	7.2	4.1	2.0	1.9	3.4	3.2
23	5.8	19	25	27	37	14	6.9	3.7	1.8	1.6	3.6	1.7
24	5.8	13	25	26	29	13	6.6	3.6	1.5	1.4	1.9	1.2
25	5.8	11	25	34	21	12	6.2	3.4	1.4	1.3	1.8	1.3
26	5.9	11	24	40	18	13	5.7	3.4	1.4	1.2	1.6	1.3
27	6.0	10	24	32	16	13	5.6	3.5	1.4	1.1	1.5	1.3
28	6.0	10	24	29	15	12	8.9	4.0	1.3	1.0	1.4	1.2
29	5.9	9.8	23	30	---	15	14	4.2	1.2	.98	1.3	1.3
30	6.0	9.5	24	33	---	14	8.4	3.0	1.2	.93	1.2	1.4
31	6.3	---	25	29	---	14	---	2.9	---	.82	3.9	---
TOTAL	846.8	280.0	973.2	998	1332	571	277.9	147.3	62.5	43.40	46.69	44.0
MEAN	27.3	9.33	31.4	32.2	47.6	18.4	9.26	4.75	2.08	1.40	1.51	1.47
MAX	280	21	109	87	264	66	14	8.4	3.3	2.7	3.9	3.2
MIN	5.3	6.2	9.4	24	15	11	5.6	2.9	1.2	.82	.75	1.0

CAL YR 1989 TOTAL 5482.4 MEAN 15.0 MAX 280 MIN 1.1
WTR YR 1990 TOTAL 5622.79 MEAN 15.4 MAX 280 MIN .75

SANTÉE RIVER BASIN

119

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 Neals Shoals Dam, and at mile 226.0.

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

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 892: 1939(M), drainage area.

GAGE.--Data collection platform. Datum of gage is 290.79 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except for estimated daily discharges: May 26 - 29, which are poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

AVERAGE DISCHARGE.--52 years, 3,956 ft³/s, 19.26 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 123,000 ft³/s, Oct. 10, 1976, gage height, 31.51 ft, from rating curve extended above 66,000 ft³/s on basis of computation of peak flow over Neals Shoals Dam; minimum, 37 ft³/s, Aug. 29, 1955; minimum daily, 44 ft³/s, Sept. 2, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 25,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Oct. 2	2200	*54,600	*21.66	Mar. 18	2400	34,100	16.37
Feb. 17	2400	36,500	17.13				

Minimum discharge, 164 ft³/s, Dec. 29, gage height, 1.54 ft; minimum daily, 1170 ft³/s, Sept. 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15500	1960	2770	4190	5140	5510	6650	4780	2890	1700	1760	2950
2	48800	2550	2650	5430	4540	5230	5990	4010	2910	1910	1360	4980
3	43700	1930	2720	4550	4260	8440	5870	3610	3040	1340	1420	3530
4	16500	2390	2610	3750	4520	10200	5670	4090	2520	1750	1480	2180
5	9110	2230	2430	3490	6850	8020	4960	4110	2290	1250	1500	1860
6	6790	2010	2490	3710	7900	6650	4690	4070	2460	1630	1600	1940
7	4620	2130	2700	5080	5890	5880	4640	3580	2810	1470	1700	1350
8	4330	2760	3680	6400	4950	5540	4720	2880	2470	1440	1810	1610
9	3800	2550	8430	8680	4440	5280	4210	3390	1900	1440	1780	1430
10	3380	2420	7880	7220	8760	5190	3860	3440	2620	1290	1660	1490
11	3310	2180	6040	5320	15200	4800	3870	5600	2670	1370	1630	1520
12	3260	1980	4830	4600	12200	4450	4640	5200	3060	1840	1540	1740
13	2710	1780	11400	3950	7780	4310	4340	4300	2640	1770	1440	2640
14	2450	1870	11900	3690	6300	4730	4100	3770	2220	1880	1500	1920
15	2700	2520	7900	3170	5360	4730	4060	3500	1920	2740	1260	1640
16	2490	3030	5970	3270	6390	4240	4530	3400	2120	3420	1510	1300
17	2420	5230	4960	3070	29100	5280	4500	3210	2360	3170	1720	1780
18	2380	4710	4450	3200	31000	26000	4230	3180	2150	1950	1570	1580
19	3110	3810	3870	3650	22200	30000	4210	3060	2050	2080	1350	1280
20	4180	3290	3530	3030	21800	12900	3690	2940	1810	2030	1390	1660
21	4010	2110	3310	4800	13200	8380	3630	2730	2100	2500	1300	1510
22	3280	3030	3020	7430	8700	7060	3610	2970	1800	2810	1710	1350
23	2670	3130	3080	5770	9820	6370	3540	3150	1670	2270	2400	1880
24	2240	5420	3000	4470	10600	6170	3170	3010	2260	2080	2670	1390
25	2630	4720	2800	4270	7810	5670	3520	2860	1870	2160	3060	1400
26	3020	3870	2610	12000	6930	5150	3390	2700	1880	2470	3120	1470
27	1740	3390	3070	9430	6300	4910	3060	2600	1570	2440	3700	1170
28	2990	2890	3140	6320	5830	5110	2910	2500	1790	2050	2750	1250
29	1880	2940	2420	5070	---	4980	4390	7000	1440	1920	2130	1290
30	2180	3220	3260	4790	---	5390	5310	6390	1770	1560	1570	1300
31	2270	---	2990	5800	---	5810	---	4080	---	1800	1950	---
TOTAL	214450	88050	135910	159600	283770	232380	129960	116110	67060	61530	57340	54390
MEAN	6918	2935	4384	5148	10130	7496	4332	3745	2235	1985	1850	1813
MAX	48800	5420	11900	12000	31000	30000	6650	7000	3060	3420	3700	4980
MIN	1740	1780	2420	3030	4260	4240	2910	2500	1440	1250	1260	1170

CAL YR 1989 TOTAL 1272340 MEAN 3486 MAX 48800 MIN 1060
WTR YR 1990 TOTAL 1600550 MEAN 4385 MAX 48800 MIN 1170

SANTEE RIVER BASIN

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.

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, June 25, 1986; minimum, 5.4 units, Oct. 20, 1987.

WATER TEMPERATURE: Maximum, 35.0°C, Aug. 5, 1981, and July 21, 1986; minimum, < 0.5°C, Dec. 24-26, 1989.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 10, 1980; minimum, 3.2 mg/L, Aug. 30, 1988.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 220 microsiemens, Aug. 16; minimum, 16 microsiemens, Mar. 18.

pH: Maximum, 8.1 units, July 11, Aug. 16; minimum, 6.0 units, Nov. 29, 30, Dec. 1.

WATER TEMPERATURE: Maximum, 31.5°C, July 11, Aug. 20; minimum, < 0.5°C, Dec. 24-26.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Dec. 26; minimum, 6.1 mg/L, July 2, 3, Aug. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	61	36	50	85	79	83	80	75	77	64	55	61
2	39	34	37	80	73	77	91	80	85	56	54	55
3	41	31	37	80	72	76	93	88	91	56	55	55
4	43	41	42	76	72	74	96	89	92	58	56	56
5	47	43	45	85	73	81	92	88	90	63	58	61
6	50	46	49	83	76	80	93	86	90	70	63	68
7	53	48	51	80	73	77	93	85	89	71	67	69
8	49	42	45	78	71	74	93	78	84	69	44	60
9	62	59	60	78	72	75	79	67	74	49	36	44
10	65	62	63	84	69	76	73	68	71	55	39	47
11	67	61	65	88	83	85	67	62	64	60	54	57
12	65	60	63	89	85	87	64	61	63	63	60	61
13	72	65	69	95	86	89	---	---	---	68	63	65
14	75	71	73	103	96	99	---	---	---	74	68	70
15	85	75	78	101	99	100	---	---	---	76	74	75
16	85	78	82	106	90	101	---	---	---	76	71	74
17	80	76	78	87	81	83	---	---	---	74	70	72
18	80	76	78	85	74	81	60	57	59	79	75	77
19	81	72	77	73	69	70	61	48	58	83	80	81
20	75	71	73	78	71	74	67	59	63	83	80	81
21	73	61	69	80	75	78	70	64	67	87	67	81
22	63	59	61	85	75	79	75	71	73	69	54	60
23	69	63	66	87	81	85	77	72	75	62	56	60
24	71	65	69	87	80	83	78	71	76	63	58	59
25	72	66	70	80	68	76	74	69	73	70	63	66
26	75	69	72	67	61	63	71	69	70	70	53	61
27	78	70	74	66	62	64	68	63	66	57	52	55
28	86	76	81	72	67	70	64	59	62	61	57	60
29	85	79	81	77	71	74	106	57	67	66	59	63
30	81	78	80	77	72	74	61	59	60	66	62	64
31	92	82	88	---	---	---	61	59	60	66	62	64
MONTH	92	31	65	106	61	80	106	48	73	87	36	64

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	66	63	64	53	47	50	65	60	63	---	---	---
2	69	63	66	58	48	53	61	55	59	---	---	---
3	69	66	67	57	44	52	57	55	56	---	---	---
4	68	63	66	54	48	52	59	56	58	---	---	---
5	78	61	68	54	49	52	65	59	63	87	81	84
6	60	49	54	51	46	50	73	65	69	88	82	85
7	53	49	51	---	---	---	75	69	72	88	81	84
8	53	47	51	---	---	---	72	68	70	90	77	82
9	46	25	34	---	---	---	70	67	69	81	78	80
10	70	24	49	48	36	42	73	67	69	83	80	81
11	53	39	49	64	47	58	76	68	71	83	79	82
12	39	36	38	68	63	65	74	69	71	79	74	77
13	41	38	40	65	62	63	73	69	71	74	70	72
14	48	42	44	63	60	61	79	71	74	81	75	77
15	56	47	52	64	60	62	78	73	75	81	77	79
16	56	45	53	69	65	66	73	64	68	85	75	79
17	54	34	40	72	38	68	63	60	61	90	83	85
18	38	33	35	39	16	22	64	59	61	90	87	89
19	38	31	35	24	18	20	70	64	66	91	87	89
20	38	33	35	44	24	34	75	69	71	94	86	91
21	40	36	37	50	43	47	83	75	79	93	88	91
22	48	36	42	53	49	51	82	78	81	94	86	91
23	48	45	47	57	53	55	82	78	79	---	---	---
24	46	42	44	58	55	57	78	71	74	---	---	---
25	48	43	45	59	57	58	79	72	75	---	---	---
26	48	44	46	62	59	60	85	79	81	---	---	---
27	47	42	45	61	57	59	91	80	83	---	---	---
28	53	44	47	62	60	61	92	84	87	---	---	---
29	---	---	---	65	61	63	90	85	87	---	---	---
30	---	---	---	67	62	65	---	---	---	63	54	59
31	---	---	---	68	64	66	---	---	---	70	61	66
MONTH	78	24	48	72	16	54	92	55	71	94	54	81
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	76	70	74	125	110	116	125	112	120	120	104	112
2	81	76	79	124	115	121	112	99	106	122	65	84
3	86	80	83	121	113	116	103	94	98	79	68	73
4	109	83	88	112	103	106	119	103	110	83	76	79
5	99	83	88	105	97	102	126	120	124	88	76	81
6	89	83	87	97	92	95	139	125	134	94	88	91
7	90	83	86	95	89	91	135	127	131	141	93	100
8	105	85	91	90	86	88	131	118	123	100	90	95
9	101	91	94	93	89	91	152	107	119	128	101	116
10	104	93	99	93	89	91	111	99	104	128	109	120
11	106	98	102	91	84	89	123	112	118	129	110	122
12	101	89	95	98	84	90	117	112	115	146	130	139
13	93	84	87	101	87	96	119	112	115	143	125	136
14	91	83	88	105	87	97	125	120	123	134	107	120
15	99	91	95	114	103	108	131	122	127	119	106	115
16	104	99	101	113	93	104	220	114	129	121	117	119
17	112	104	108	92	75	80	130	118	126	140	121	130
18	111	106	109	81	76	78	130	123	127	151	128	137
19	108	99	103	92	75	82	134	127	131	127	122	125
20	107	103	105	103	93	97	173	124	132	125	119	122
21	106	102	104	110	103	106	145	129	138	121	118	118
22	113	102	107	112	102	108	137	123	132	130	115	124
23	114	102	110	106	87	98	137	125	133	128	113	121
24	114	107	111	92	87	89	132	110	119	136	124	132
25	118	115	117	104	90	96	123	108	115	138	127	131
26	120	117	119	103	90	95	113	92	100	138	133	135
27	120	109	116	111	96	103	97	76	91	141	133	138
28	117	106	111	107	98	102	86	75	80	144	133	139
29	117	112	115	108	105	106	88	84	86	143	137	140
30	120	106	112	117	109	115	103	89	94	136	122	129
31	---	---	---	120	115	117	113	93	99	---	---	---
MONTH	120	70	99	125	75	99	220	75	116	151	65	117
YEAR	220	16	81									

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.3	6.8	7.1	6.5	6.6	6.0	7.2	7.0	7.1	7.0	7.4	7.4
2	6.7	6.5	7.5	6.6	6.7	6.1	7.1	7.0	7.1	7.0	7.4	7.4
3	6.8	6.6	7.6	7.4	6.6	6.3	7.2	7.1	7.1	7.0	7.4	7.3
4	6.9	6.8	7.7	7.4	6.8	6.3	7.2	7.1	7.1	7.0	7.3	7.3
5	7.0	6.9	7.7	7.5	6.9	6.6	7.1	7.0	7.1	6.9	7.3	7.3
6	7.1	7.0	7.6	7.4	7.1	6.7	7.1	7.0	6.9	6.9	7.3	7.3
7	7.1	7.1	7.7	7.3	7.2	7.0	7.1	7.0	6.9	6.9	7.3	7.2
8	7.2	7.1	7.6	7.4	7.2	7.0	7.1	6.9	7.0	6.9	7.3	7.2
9	7.2	7.1	7.5	7.4	7.0	7.0	7.1	7.0	7.0	6.9	7.3	7.3
10	7.3	7.2	7.5	7.3	7.0	6.9	7.1	7.0	6.9	6.8	7.3	7.2
11	7.4	7.3	7.5	7.3	7.0	6.9	7.1	7.0	6.8	6.7	7.2	7.1
12	7.4	7.3	7.4	7.2	7.0	6.9	7.2	7.0	6.8	6.7	7.3	7.1
13	7.3	7.2	7.3	7.1	7.0	6.8	7.1	7.1	6.9	6.7	7.3	7.1
14	7.4	7.1	7.3	7.1	6.9	6.8	7.2	7.1	6.9	6.8	7.4	7.1
15	7.5	7.0	7.2	6.9	6.9	6.9	7.2	7.1	6.9	6.8	7.3	7.2
16	7.5	7.3	7.3	7.1	7.1	6.9	7.2	7.1	6.8	6.5	7.2	7.1
17	7.4	7.2	7.3	7.0	7.1	7.0	7.2	7.1	6.7	6.6	7.2	7.1
18	7.5	7.2	7.2	7.1	7.1	7.0	7.2	7.2	6.9	6.7	7.2	6.7
19	7.5	7.5	7.2	7.0	7.1	7.0	7.2	7.1	7.2	6.9	6.8	6.7
20	7.6	7.5	7.2	7.0	7.1	7.0	7.2	7.1	7.2	7.2	7.1	6.8
21	7.6	7.4	7.1	7.0	7.2	7.0	7.2	7.0	7.3	7.2	7.2	7.0
22	7.5	7.3	7.3	6.9	7.4	7.2	7.1	7.0	7.3	7.3	7.2	7.1
23	7.4	7.3	7.4	7.3	7.4	7.3	7.1	7.0	7.5	7.3	7.3	7.0
24	7.5	7.2	7.4	7.3	7.4	7.3	7.1	7.0	7.4	7.4	7.1	7.0
25	7.4	7.0	7.5	7.3	7.4	7.3	7.1	7.0	7.5	7.4	7.2	7.0
26	7.1	6.7	7.4	7.4	7.4	7.3	7.0	6.9	7.4	7.4	7.1	7.0
27	7.3	6.6	7.4	7.3	7.4	7.3	6.9	6.8	7.5	7.4	7.4	7.1
28	6.9	6.4	7.4	7.1	7.3	7.2	6.9	6.9	7.5	7.4	7.3	7.2
29	6.8	6.5	7.1	6.0	7.3	6.9	7.0	6.9	---	---	7.3	7.2
30	6.8	6.4	6.5	6.0	7.3	7.1	6.9	6.9	---	---	7.4	7.3
31	6.9	6.6	---	---	7.1	7.0	7.1	6.9	---	---	7.4	7.3
MONTH	7.6	6.4	7.7	6.0	7.4	6.0	7.2	6.8	7.5	6.5	7.4	6.7
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.4	7.3	7.5	7.0	7.2	7.1	7.4	6.9	7.6	7.2	7.3	7.2
2	7.3	7.0	7.3	6.9	7.2	7.1	7.5	7.0	7.7	7.2	7.2	7.0
3	7.2	7.1	7.1	6.9	7.2	7.2	7.6	7.1	7.8	7.2	7.0	6.9
4	7.2	7.0	7.2	6.9	7.4	7.1	7.5	7.1	7.8	7.2	7.1	6.9
5	7.2	7.0	7.2	6.9	7.4	7.2	7.9	7.0	7.4	7.3	7.2	7.0
6	7.2	7.0	7.4	7.0	7.4	7.1	7.5	6.9	7.6	7.3	7.2	7.1
7	7.4	7.1	7.6	7.1	7.3	7.1	7.7	7.0	7.7	7.3	7.6	7.1
8	7.3	7.1	7.4	7.1	7.2	6.6	7.6	6.8	7.5	7.2	7.3	7.0
9	7.2	7.0	7.2	7.1	7.1	7.0	7.3	6.9	7.6	7.1	7.2	7.1
10	7.2	6.9	7.5	7.1	7.2	7.1	7.6	7.1	7.6	7.2	7.3	6.8
11	7.4	7.2	7.5	7.2	7.3	7.1	8.1	7.2	7.6	7.2	7.2	7.0
12	7.4	7.1	7.5	7.1	7.2	7.1	7.8	7.1	7.5	7.2	7.3	7.0
13	7.3	6.9	7.3	7.1	7.2	7.1	7.6	7.0	7.6	7.2	7.0	6.5
14	7.1	6.9	7.5	7.1	7.1	6.8	7.3	7.2	7.5	7.2	7.0	6.6
15	7.3	7.0	7.4	7.0	7.1	7.0	7.4	7.2	7.9	7.2	7.0	6.8
16	7.4	7.1	7.3	7.0	7.2	7.0	7.2	7.0	8.1	7.2	7.2	6.7
17	7.2	6.9	7.1	7.0	7.2	7.1	7.0	7.0	7.5	7.2	7.3	7.0
18	7.3	6.9	7.3	7.0	7.2	7.1	7.2	7.0	7.4	7.2	7.4	7.1
19	7.4	7.0	7.3	7.0	7.3	7.0	7.3	7.1	7.3	7.1	---	---
20	7.1	7.0	7.3	7.0	7.3	7.1	7.3	7.1	7.4	7.1	---	---
21	7.2	6.9	7.3	7.0	7.2	7.0	7.3	7.1	7.2	6.9	---	---
22	7.3	7.0	7.3	7.1	7.2	6.6	7.2	7.0	7.2	7.1	---	---
23	7.4	6.9	---	---	7.2	6.9	7.2	7.1	7.2	6.8	7.4	7.2
24	7.4	6.8	---	---	7.4	6.9	7.4	7.1	7.2	7.1	7.5	7.2
25	7.3	6.8	---	---	7.4	7.1	7.4	7.1	7.1	6.8	7.6	7.2
26	7.4	6.8	---	---	7.3	7.1	7.4	7.2	7.0	6.9	7.6	7.3
27	7.4	6.9	---	---	7.3	7.1	7.4	7.1	7.0	6.8	7.7	7.3
28	7.2	6.9	---	---	7.3	6.9	7.3	7.1	7.0	6.8	7.7	7.3
29	7.1	7.1	---	---	7.7	6.9	7.4	7.2	7.2	6.9	7.7	7.3
30	7.4	7.1	7.1	7.0	7.5	7.1	7.4	7.2	7.2	7.0	7.5	7.3
31	---	---	7.1	7.0	---	---	7.6	7.2	7.3	7.0	---	---
MONTH	7.4	6.8	7.6	6.9	7.7	6.6	8.1	6.8	8.1	6.8	7.7	6.5
YEAR	8.1	6.0										

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	19.0	18.5	18.5	16.5	15.5	16.0	9.5	8.5	9.0	7.5	6.5	7.0
2	19.0	18.5	18.5	15.5	15.0	15.5	8.5	7.5	8.0	7.5	6.5	7.0
3	19.5	19.0	19.0	16.0	13.5	15.0	7.5	6.0	7.0	6.5	5.5	6.0
4	20.0	19.0	19.5	14.5	13.5	14.0	6.0	5.5	6.0	6.5	6.0	6.0
5	19.0	18.5	19.0	14.0	12.5	13.0	5.5	5.0	5.5	7.0	6.5	6.5
6	19.5	18.0	19.0	13.0	12.5	12.5	6.5	5.0	5.5	8.5	7.0	8.0
7	20.0	18.5	19.5	13.5	12.5	13.0	7.0	6.5	6.5	8.5	8.5	8.5
8	20.0	19.0	19.5	14.0	13.0	13.5	7.5	7.0	7.0	8.5	8.0	8.5
9	19.5	18.0	18.5	15.5	14.0	14.5	7.0	6.0	6.5	8.0	7.5	8.0
10	18.0	16.5	17.0	15.0	13.5	14.0	6.0	5.5	5.5	7.5	7.0	7.5
11	17.0	15.5	16.5	14.5	13.5	14.0	6.0	5.5	6.0	7.5	6.5	7.0
12	17.0	15.5	16.0	15.5	13.0	14.0	6.5	6.0	6.5	7.5	6.5	7.0
13	17.5	16.0	17.0	15.5	13.0	14.0	7.0	6.5	6.5	7.0	6.0	6.5
14	18.0	17.5	17.5	15.0	13.0	13.5	6.5	6.0	6.5	6.0	5.0	5.5
15	19.0	17.5	18.0	14.5	13.5	14.0	6.0	5.5	5.5	6.0	5.0	5.5
16	20.0	18.5	19.0	15.0	13.5	14.5	5.5	5.0	5.0	6.5	5.5	6.0
17	20.0	19.5	19.5	13.5	12.0	13.0	4.5	4.0	4.0	7.5	6.5	7.0
18	20.5	19.5	20.0	12.0	10.5	11.0	4.0	3.5	3.5	8.5	7.5	8.0
19	20.0	18.5	19.5	10.5	9.0	9.5	3.5	3.5	3.5	9.5	8.5	9.0
20	18.0	15.5	17.0	9.5	8.0	9.0	4.0	3.5	4.0	9.5	9.5	9.5
21	15.5	14.0	14.5	10.5	9.0	9.5	4.0	3.0	3.5	10.5	10.0	10.0
22	14.0	13.0	13.5	10.0	9.0	9.5	4.0	2.5	3.0	10.0	9.5	10.0
23	13.5	12.5	13.5	9.0	8.5	8.5	2.0	1.0	1.5	9.5	8.5	9.0
24	14.5	13.0	13.5	8.0	7.0	7.5	1.0	<.5	.5	9.0	8.5	8.5
25	14.5	13.0	13.5	7.0	6.5	6.5	.5	<.5	.5	9.0	8.5	9.0
26	14.0	13.0	13.5	7.5	6.5	7.0	1.0	<.5	.5	9.5	9.0	9.0
27	16.0	13.0	14.0	9.0	7.5	8.0	1.0	.5	1.0	9.0	7.5	8.0
28	14.5	13.0	14.0	10.5	9.0	10.0	2.0	.5	1.5	7.5	7.0	7.5
29	15.5	13.5	14.5	11.0	10.5	10.5	3.5	1.5	2.5	8.0	7.0	7.5
30	15.5	13.5	14.5	10.5	9.5	10.0	4.0	2.5	3.0	8.5	7.0	8.0
31	16.5	15.5	16.0	---	---	---	6.5	4.0	5.0	8.5	7.5	8.0
MONTH	20.5	12.5	17.0	16.5	6.5	12.0	9.5	<.5	4.5	10.5	5.0	7.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.5	7.5	8.0	9.5	9.0	9.0	14.0	12.0	13.0	21.0	19.0	20.0
2	9.5	8.0	8.5	10.0	9.5	10.0	16.5	14.0	15.0	23.0	20.0	21.5
3	11.0	9.0	10.0	10.5	9.5	10.0	16.5	15.5	16.0	22.5	21.5	22.0
4	12.5	11.0	11.5	11.0	10.0	10.5	15.5	14.5	15.0	22.5	22.0	22.0
5	12.5	11.5	12.0	11.0	9.5	10.5	15.0	13.5	14.5	22.0	21.0	21.5
6	11.0	10.0	10.5	11.5	10.5	11.0	15.5	14.0	15.0	21.5	20.5	20.5
7	10.5	9.5	10.0	11.5	10.0	11.0	15.5	14.5	15.0	21.0	19.0	20.0
8	10.5	9.5	10.0	11.0	10.0	10.5	15.0	14.0	14.5	21.0	18.5	20.0
9	10.5	9.5	10.0	10.0	10.0	10.0	14.5	13.0	14.0	20.5	19.5	20.0
10	11.5	10.5	11.0	12.0	10.0	10.5	15.0	12.5	14.0	20.5	19.5	20.0
11	12.0	11.0	11.5	14.5	11.5	13.0	15.5	14.5	15.0	20.0	19.0	19.5
12	11.0	10.0	10.5	16.5	14.0	15.0	15.5	14.0	15.0	20.0	18.5	19.5
13	10.0	9.5	10.0	17.5	15.5	16.5	15.0	13.5	14.5	20.5	19.5	20.5
14	11.0	9.0	10.0	18.0	16.5	17.0	15.0	14.0	14.5	22.0	20.0	21.0
15	12.0	10.5	11.0	17.5	16.5	17.0	16.5	14.5	15.5	23.5	21.5	22.5
16	13.5	12.0	12.5	17.5	17.0	17.5	17.5	16.0	16.5	24.5	22.5	23.5
17	13.5	13.0	13.5	17.5	16.5	17.0	18.5	16.5	17.5	24.5	23.5	24.0
18	13.0	11.0	12.0	16.5	14.5	15.5	18.0	17.0	17.5	24.0	23.0	23.5
19	10.5	8.5	9.5	14.5	14.0	14.5	17.5	15.5	17.0	23.5	22.0	23.0
20	10.5	8.5	9.5	14.5	13.5	14.0	17.0	16.0	16.5	23.5	22.0	22.5
21	10.5	10.0	10.0	13.0	12.5	13.0	17.0	16.0	16.5	23.5	22.5	23.5
22	11.0	9.0	10.0	13.0	11.5	12.5	18.0	16.5	17.0	24.0	22.5	23.0
23	11.5	10.5	11.0	13.5	12.0	13.0	19.0	17.0	18.0	22.5	21.5	22.0
24	11.5	9.5	11.0	14.5	13.0	14.0	20.0	18.0	19.0	22.0	20.0	21.5
25	10.5	9.5	10.0	15.5	14.0	14.5	21.0	19.0	20.0	---	---	---
26	9.5	8.0	8.5	15.0	14.5	15.0	22.0	20.0	21.0	---	---	---
27	8.0	7.0	7.5	15.0	14.0	14.5	22.0	20.5	21.5	---	---	---
28	9.0	7.0	8.0	14.5	13.5	14.0	21.5	20.0	21.0	---	---	---
29	---	---	---	14.0	13.0	13.5	20.5	19.0	19.5	---	---	---
30	---	---	---	13.0	12.0	12.5	19.5	18.0	19.0	22.0	20.5	21.5
31	---	---	---	12.5	12.0	12.0	---	---	---	22.5	21.0	21.5
MONTH	13.5	7.0	10.5	18.0	9.0	13.0	22.0	12.0	16.5	24.5	18.5	21.5

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	9.2	8.0	8.5	9.3	8.4	8.8	10.5	10.0	10.2	11.4	10.7	11.1
2	9.2	9.1	9.1	8.9	8.5	8.7	10.7	10.3	10.5	11.1	10.7	10.9
3	9.4	9.1	9.3	9.2	8.7	8.9	10.9	10.5	10.7	11.4	11.2	11.3
4	9.2	8.2	8.6	9.6	8.8	9.2	11.1	10.8	10.9	11.5	11.3	11.4
5	8.2	8.1	8.2	9.8	9.1	9.4	11.4	11.0	11.2	11.3	11.0	11.2
6	8.2	8.1	8.2	9.6	9.1	9.4	11.5	11.1	11.2	11.0	10.8	10.9
7	8.2	7.8	8.1	9.8	8.9	9.3	11.2	10.9	11.1	10.9	10.6	10.8
8	8.0	7.8	7.9	9.4	8.8	9.1	10.9	10.4	10.7	10.9	10.6	10.7
9	8.1	7.9	8.0	9.1	8.6	8.9	11.1	10.4	10.9	11.4	10.9	11.1
10	8.4	8.0	8.2	9.4	8.6	8.8	11.5	11.3	11.4	11.3	11.2	11.3
11	8.7	8.3	8.5	9.7	8.7	9.1	11.4	11.2	11.3	11.2	11.0	11.1
12	8.9	8.5	8.7	9.9	9.0	9.3	11.2	10.8	11.0	11.1	11.0	11.0
13	8.8	8.5	8.6	10.1	9.0	9.4	11.9	10.8	11.4	11.3	11.0	11.1
14	8.6	8.1	8.3	9.5	8.9	9.2	12.1	11.5	11.7	11.7	11.3	11.5
15	8.4	8.0	8.1	9.6	8.9	9.1	11.7	11.4	11.5	11.9	11.6	11.7
16	8.4	8.0	8.2	9.3	8.9	9.1	11.5	11.3	11.4	11.8	11.5	11.7
17	8.2	7.7	7.9	9.6	8.9	9.2	11.8	11.6	11.7	11.5	11.2	11.4
18	7.9	7.4	7.6	10.1	9.6	9.9	12.2	11.8	12.0	11.2	10.9	11.1
19	7.8	7.5	7.7	10.5	10.1	10.3	12.0	11.8	11.9	10.8	10.6	10.8
20	8.3	7.7	8.0	10.9	10.5	10.7	12.2	11.7	11.8	10.6	10.3	10.5
21	9.0	8.4	8.7	10.9	10.5	10.7	12.0	11.7	11.8	10.5	10.2	10.3
22	9.3	8.9	9.1	10.6	10.2	10.4	12.0	11.7	11.9	10.5	10.4	10.4
23	9.6	9.0	9.2	10.7	10.3	10.5	12.4	11.9	12.1	10.7	10.4	10.6
24	9.6	8.8	9.2	11.0	10.5	10.8	12.8	12.4	12.6	10.7	10.6	10.7
25	9.6	8.9	9.1	11.3	11.0	11.2	13.1	12.9	13.0	10.6	10.4	10.6
26	9.5	8.8	9.0	11.4	11.1	11.3	13.2	12.9	13.0	11.5	10.6	11.2
27	9.2	8.7	8.9	11.1	10.7	10.9	12.9	12.7	12.8	11.5	11.2	11.3
28	9.4	8.8	9.0	10.7	10.1	10.4	12.9	12.6	12.7	11.4	11.2	11.3
29	9.5	8.6	9.0	10.0	9.7	9.9	12.7	12.0	12.4	11.3	11.0	11.2
30	9.4	8.6	8.9	10.1	9.8	9.9	12.3	12.0	12.2	11.0	10.8	11.0
31	9.0	8.5	8.7	---	---	---	12.1	11.4	11.8	11.1	10.8	11.0
MONTH	9.6	7.4	8.5	11.4	8.4	9.7	13.2	10.0	11.6	11.9	10.2	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.2	11.0	11.1	12.6	12.4	12.5	9.6	9.3	9.5	8.6	8.4	8.5
2	11.1	10.9	11.0	12.4	12.3	12.3	9.2	8.8	9.0	8.6	8.2	8.4
3	10.9	10.5	10.8	12.7	12.3	12.5	8.8	8.6	8.7	8.5	8.0	8.2
4	10.5	10.0	10.3	12.7	12.5	12.6	9.0	8.7	8.9	8.2	8.0	8.1
5	10.9	10.0	10.4	12.7	12.5	12.6	9.2	9.0	9.1	8.3	8.0	8.1
6	11.1	10.9	11.0	12.5	11.3	11.8	9.1	8.8	8.9	8.4	8.1	8.3
7	11.2	11.1	11.2	12.0	11.3	11.5	9.1	8.8	8.9	8.9	8.2	8.6
8	11.3	11.0	11.2	12.4	11.3	11.9	9.4	8.9	9.1	9.1	8.5	8.7
9	11.1	10.9	11.1	11.2	9.7	10.5	9.7	9.0	9.3	8.8	8.5	8.6
10	11.4	10.7	11.1	10.0	9.5	9.8	9.5	8.8	9.1	9.0	8.6	8.7
11	12.3	11.4	11.8	9.6	9.3	9.4	9.2	8.7	8.9	8.9	8.7	8.8
12	12.4	11.8	12.0	9.6	8.6	9.3	9.3	8.8	9.0	9.1	8.7	8.9
13	12.0	11.7	11.9	8.7	8.3	8.5	9.6	9.1	9.3	8.9	8.6	8.8
14	12.0	11.8	11.8	8.6	8.3	8.4	9.6	9.1	9.3	9.1	8.5	8.8
15	11.8	11.5	11.6	8.5	8.3	8.4	9.5	8.7	9.1	8.9	8.3	8.6
16	12.1	10.8	11.3	8.3	8.1	8.2	9.4	8.5	8.8	8.7	8.1	8.4
17	12.9	6.6	10.2	8.8	8.0	8.1	9.1	8.2	8.5	8.4	8.0	8.2
18	9.5	8.4	8.8	10.4	9.1	10.1	9.2	8.2	8.5	8.7	8.0	8.3
19	11.3	9.3	10.4	10.5	9.8	10.3	9.4	8.2	8.7	8.8	8.2	8.4
20	11.3	10.2	10.7	9.8	9.2	9.4	9.1	8.3	8.6	8.7	8.1	8.4
21	11.4	10.7	11.1	9.5	9.3	9.4	9.0	8.4	8.6	8.7	8.1	8.4
22	11.8	11.0	11.4	9.6	9.5	9.5	9.3	8.2	8.6	8.6	8.1	8.4
23	11.7	11.1	11.4	9.5	9.3	9.5	9.2	8.1	8.5	8.9	8.2	8.5
24	11.7	11.5	11.6	9.3	9.1	9.2	9.4	8.1	8.5	8.5	8.1	8.4
25	12.1	11.7	12.0	9.1	9.0	9.1	9.5	7.8	8.5	---	---	---
26	12.7	12.1	12.4	9.1	9.0	9.0	9.3	7.6	8.2	---	---	---
27	13.0	12.7	12.9	9.1	9.0	9.0	9.1	7.5	8.0	---	---	---
28	13.0	12.6	12.8	9.3	9.1	9.2	8.1	7.3	7.7	---	---	---
29	---	---	---	9.2	9.2	9.2	8.0	7.5	7.8	---	---	---
30	---	---	---	9.5	9.2	9.3	8.6	7.9	8.3	8.7	8.2	8.5
31	---	---	---	9.6	9.5	9.5	---	---	---	8.4	8.1	8.2
MONTH	13.0	6.6	11.3	12.7	8.0	10.0	9.7	7.3	8.7	9.1	8.0	8.5

SANTÉE RIVER BASIN

127

02159810 FAIRFOREST CREEK BELOW SPARTANBURG, SC

LOCATION.--Lat 34°54'19'', long 81°54'54'', Spartanburg County, Hydrologic Unit 03050107, on left bank at Spartanburg Sewage Treatment Plant, 0.5 mi downstream of State Highway 295, 0.7 mi south of Spartanburg, and 2.2 mi upstream of Beaverdam Creek.

DRAINAGE AREA.--23.6 mi².

PERIOD OF RECORD.--May 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 594.34 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: Oct. 1 to Nov. 20, Feb. 16, Mar. 1 to Apr. 4, June 20 - 22, June 29, 30, Aug. 2, Aug. 28 to Sept. 5, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,160 ft³/s, June 20, 1989, gage height, 11.20 ft; minimum, 5.8 ft³/s, Aug. 27, 1988, gage height, 1.38 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,100 ft³/s, Feb. 16, gage height, 11.09 ft; minimum, 6.8 ft³/s, Sept. 7, 8, gage height 1.45 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	400	15	16	74	30	33	50	23	16	11	10	70
2	100	16	16	29	29	90	45	22	16	10	32	30
3	40	16	15	26	29	150	40	21	17	10	10	10
4	28	18	15	43	53	70	35	42	16	9.7	8.9	8.0
5	22	18	16	31	30	45	29	39	15	9.7	8.5	7.7
6	20	28	16	80	28	40	28	21	15	9.6	30	7.6
7	18	21	18	36	28	35	34	21	15	9.6	15	7.2
8	16	25	239	109	26	30	26	20	14	9.6	9.2	35
9	15	20	112	42	37	40	26	56	18	9.8	8.8	86
10	15	17	65	33	257	35	28	101	22	11	8.3	12
11	15	17	39	30	55	30	39	27	16	10	8.2	14
12	14	16	194	28	40	28	26	22	13	20	7.8	93
13	14	15	135	26	35	21	25	21	13	62	7.5	15
14	14	16	44	26	31	20	25	20	13	83	7.5	14
15	13	40	33	25	29	19	64	19	13	29	8.6	11
16	15	150	28	25	728	100	27	19	13	13	17	9.3
17	17	30	25	25	139	450	25	44	13	12	8.0	8.8
18	28	19	24	27	72	200	24	21	12	19	7.3	9.2
19	20	17	26	25	209	55	23	18	12	63	7.3	11
20	17	16	24	37	65	40	25	18	14	30	13	11
21	16	15	22	198	49	35	24	25	17	15	20	10
22	15	51	21	42	150	30	23	18	20	17	33	35
23	15	138	21	33	77	28	23	17	13	15	70	14
24	14	25	32	44	49	26	22	17	11	12	16	10
25	14	20	24	282	40	25	22	17	10	13	20	10
26	14	18	23	76	37	30	21	17	10	12	12	10
27	13	19	21	44	36	25	20	18	11	11	9.3	10
28	13	18	21	38	35	20	88	38	12	10	8.7	9.6
29	14	17	21	57	---	60	71	75	11	9.7	8.6	9.7
30	15	16	24	43	---	50	26	19	10	9.6	8.3	9.6
31	16	---	100	32	---	90	---	17	---	10	200	---
TOTAL	1000	867	1430	1666	2423	1950	984	873	421	575.3	638.8	597.7
MEAN	32.3	28.9	46.1	53.7	86.5	62.9	32.8	28.2	14.0	18.6	20.6	19.9
MAX	400	150	239	282	728	450	88	101	22	83	200	93
MIN	13	15	15	25	26	19	20	17	10	9.6	7.3	7.2

CAL YR 1989 TOTAL 11876.5 MEAN 32.5 MAX 400 MIN 9.5
WTR YR 1990 TOTAL 13425.8 MEAN 36.8 MAX 728 MIN 7.2

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC

LOCATION.--Lat 34°32'07'', long 81°32'54'', Union County, Hydrologic Unit 03050107, on right bank at downstream 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 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 300 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--17 years, 1,021 ft³/s, 18.27 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,300 ft³/s, Oct. 11, 1976, gage height, 26.31 ft (from floodmarks); minimum, 96 ft³/s, Aug. 28, 1988, gage height, 2.83 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,500 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 2	1900	*12,200	* 17.95	Feb. 19	0900	9,290	15.99

Minimum discharge, 178 ft³/s, Aug. 21, gage height, 3.27 ft; minimum daily, 186 ft³/s, Aug. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2570	370	591	1250	1310	1110	1560	1020	627	293	234	1590
2	10100	381	563	1830	1190	1090	1370	843	536	292	236	1140
3	9910	376	524	1360	1110	1960	1190	744	519	262	233	778
4	6910	367	505	1040	1100	3450	1080	738	524	253	238	505
5	2400	362	487	997	1190	2420	1000	859	516	246	216	450
6	1300	366	482	1130	1300	1740	951	832	488	240	244	400
7	1050	393	478	1540	1290	1430	954	740	501	249	258	345
8	897	485	1150	1910	1130	1270	937	719	486	239	284	316
9	784	475	2580	2210	1060	1200	873	665	450	234	264	278
10	652	451	2790	1830	2340	1180	857	806	678	227	251	487
11	577	473	2300	1410	3640	1150	973	1160	625	224	239	420
12	583	429	1750	1180	3110	1120	988	991	506	226	226	390
13	524	418	3010	1040	1970	1090	930	841	469	251	207	636
14	496	413	3780	937	1470	1040	872	787	439	296	198	584
15	474	435	2680	884	1250	983	924	744	425	366	193	450
16	459	876	1700	838	1730	962	1030	660	421	521	188	361
17	443	1220	1310	792	3900	1350	963	612	420	418	196	319
18	428	1030	1110	770	6780	3460	890	610	413	360	204	297
19	502	795	1020	772	8510	6120	830	675	368	385	194	277
20	541	664	965	732	7110	6160	811	641	364	399	186	269
21	573	573	911	1070	3790	2770	779	612	380	378	197	259
22	615	547	827	2140	2150	1730	798	597	371	397	254	269
23	567	819	742	1720	2180	1490	797	624	365	352	395	308
24	504	1300	684	1250	2330	1320	733	598	352	366	471	346
25	472	1020	665	1310	1840	1230	696	529	327	325	453	285
26	424	868	684	2600	1490	1160	729	508	301	310	355	270
27	418	746	654	3200	1260	1150	699	501	288	307	292	271
28	403	673	639	2360	1170	1110	682	512	284	295	258	262
29	398	653	625	1580	---	1090	983	737	284	276	243	260
30	392	611	625	1480	---	1170	1200	856	281	261	264	269
31	379	---	664	1430	---	1280	---	769	---	248	544	---
TOTAL	46745	18589	37495	44592	68700	55785	28079	22530	13008	9496	8215	13091
MEAN	1508	620	1210	1438	2454	1800	936	727	434	306	265	436
MAX	10100	1300	3780	3200	8510	6160	1560	1160	678	521	544	1590
MIN	379	362	478	732	1060	962	682	501	281	224	186	259

CAL YR 1989 TOTAL 308530 MEAN 845 MAX 10100 MIN 224
WTR YR 1990 TOTAL 366325 MEAN 1004 MAX 10100 MIN 186

SANTÉE RIVER BASIN

129

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.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 291 microsiemens, Aug. 31, 1988; minimum, 13 microsiemens, Oct. 9, 10, 1976.

pH: Maximum, 8.2 units, Aug. 27, 29, 1988; minimum 5.6 units, July 17, 1989.

WATER TEMPERATURE: Maximum, 32.0°C, July 21, 1981, Aug. 23, 1983; minimum, <0.5°C several days, several years.

DISSOLVED OXYGEN: Maximum, 14.2 mg/L, Jan. 2, 1984, Dec. 2, 1979; minimum, 1.6 mg/L Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 175 microsiemens, Aug. 20; minimum, 33 microsiemens, Mar. 20.

pH: Maximum 8.0 units, June 20, 21, May 17; minimum, 6.3 units, Oct. 2, 3.

WATER TEMPERATURE: Maximum, 30.5°C, July 10, 11; minimum, <0.5°C, Dec. 23 - 27.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Dec. 24 - 26; minimum 6.4 mg/L, June 30, July 1, 29 - 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	114	101	106	111	103	107	90	66	83
2	---	---	---	112	98	103	110	103	107	68	64	66
3	---	---	---	115	110	113	115	109	113	69	68	69
4	---	---	---	124	113	116	117	114	116	79	69	73
5	---	---	---	131	124	127	114	105	109	82	79	81
6	71	67	68	132	129	130	106	102	104	84	82	83
7	87	71	80	131	120	125	115	102	110	83	74	77
8	86	80	84	121	112	114	114	73	94	74	55	60
9	94	86	90	118	112	115	73	68	70	65	58	62
10	88	83	85	121	117	120	72	65	68	71	66	69
11	90	83	85	123	119	120	68	65	67	74	70	72
12	106	91	96	126	120	124	70	61	68	75	72	74
13	109	102	105	126	122	123	60	56	58	82	76	80
14	112	109	110	124	119	122	60	57	58	82	79	81
15	118	112	115	119	106	112	67	61	64	79	73	77
16	119	116	117	102	85	95	75	68	71	73	68	70
17	116	105	109	97	90	94	81	75	78	76	68	70
18	115	101	112	90	83	88	81	77	79	83	77	81
19	109	100	104	92	89	91	83	79	80	85	83	84
20	114	101	109	96	92	94	89	83	84	86	83	84
21	129	112	122	96	92	94	92	89	91	86	73	82
22	118	101	106	95	91	94	94	92	93	72	55	59
23	102	91	99	98	91	94	100	92	97	60	56	58
24	96	92	94	97	80	90	101	89	94	70	60	65
25	95	91	93	84	79	81	95	83	92	72	69	71
26	114	95	104	86	83	85	95	83	92	68	44	54
27	119	112	115	90	84	87	93	91	92	47	43	46
28	120	110	114	89	84	87	93	89	91	48	46	47
29	127	118	122	91	85	87	92	88	90	50	48	49
30	132	125	128	102	91	98	95	87	91	53	50	52
31	129	115	125	---	---	---	94	90	91	57	53	55
MONTH	132	67	103	132	79	104	117	56	88	90	43	69

SANTÉE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	58	56	57	95	91	93	67	62	66	88	83	86
2	61	58	59	96	93	95	62	60	61	96	82	88
3	64	61	62	93	67	82	61	60	61	101	97	98
4	65	60	63	69	52	61	68	60	64	107	102	104
5	60	58	59	57	54	55	80	67	74	104	98	101
6	59	51	55	73	57	66	75	73	74	105	99	103
7	57	52	55	83	72	78	77	75	76	99	87	93
8	62	57	59	93	84	89	77	73	76	87	86	87
9	71	62	67	94	91	93	75	73	74	94	85	87
10	69	57	62	94	88	91	75	70	73	105	94	100
11	57	50	53	89	82	87	77	70	73	99	88	94
12	59	58	58	83	77	79	82	76	79	87	85	86
13	63	59	61	77	71	74	82	80	81	95	84	90
14	74	63	70	78	70	74	82	79	80	95	85	89
15	82	74	77	78	76	77	82	78	81	84	81	83
16	85	53	73	79	78	79	78	76	77	94	81	86
17	55	49	51	79	67	74	75	72	73	103	93	99
18	---	---	---	71	42	55	79	71	75	106	100	104
19	50	41	46	42	34	39	85	79	81	110	101	106
20	59	48	53	43	33	38	88	85	86	102	94	99
21	69	60	65	54	43	49	93	89	90	95	85	91
22	77	69	74	58	54	57	95	90	93	92	84	88
23	77	75	76	61	58	60	90	82	86	87	84	85
24	78	75	77	65	61	63	83	81	82	96	87	92
25	77	76	76	67	65	66	89	80	84	105	96	102
26	79	76	78	65	60	62	95	90	93	113	105	109
27	81	78	79	62	61	61	103	94	99	114	109	112
28	92	81	86	69	61	65	104	101	103	111	92	105
29	---	---	---	71	69	70	101	96	99	100	86	91
30	---	---	---	72	71	72	96	87	92	90	81	85
31	---	---	---	72	67	70	---	---	---	95	88	91
MONTH	92	41	65	96	33	70	104	60	80	114	81	95
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	97	95	95	152	143	149	132	128	130	---	---	---
2	107	97	102	153	138	147	133	126	129	---	---	---
3	114	107	111	137	130	131	154	134	142	80	74	76
4	115	105	113	139	130	134	169	152	162	88	80	85
5	104	98	101	136	132	133	156	146	151	92	89	91
6	102	96	99	132	130	131	156	140	150	99	92	96
7	116	104	111	131	127	130	141	126	132	122	99	111
8	118	112	115	127	124	126	128	120	126	126	121	123
9	122	113	117	129	124	127	124	116	119	148	126	133
10	120	99	112	128	123	126	143	125	134	168	120	146
11	101	93	97	133	128	131	151	143	146	117	108	111
12	109	101	106	131	123	127	153	143	149	118	111	114
13	111	103	107	149	128	139	165	152	158	132	102	111
14	123	107	118	156	150	153	160	136	150	110	105	108
15	134	121	126	169	152	157	140	135	137	121	110	117
16	135	132	133	165	110	140	136	134	135	138	122	131
17	138	130	134	108	105	106	161	136	150	138	132	136
18	133	126	130	112	99	106	173	163	170	131	123	127
19	125	116	119	129	101	113	169	167	168	122	114	117
20	116	108	114	134	122	127	175	167	171	127	112	118
21	126	107	116	157	137	148	170	150	161	136	127	131
22	128	118	124	152	140	146	158	140	152	141	136	138
23	134	126	130	149	140	145	147	123	136	144	139	141
24	148	133	139	141	125	133	147	137	142	148	140	146
25	143	138	139	129	111	119	138	122	128	140	129	134
26	140	120	129	127	109	117	141	126	132	130	125	129
27	123	116	120	137	127	132	146	138	141	123	112	116
28	131	113	119	145	137	140	149	140	146	135	122	128
29	150	133	142	150	143	146	139	130	136	154	135	142
30	169	151	163	149	142	145	134	125	128	157	146	150
31	---	---	---	140	126	132	138	71	125	---	---	---
MONTH	169	93	119	169	99	133	175	71	143	168	74	122
YEAR	175	33	99									

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

YEAR

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	19.0	18.0	18.5	16.0	15.0	15.5	8.0	6.5	7.5	8.5	8.0	8.0
2	19.0	19.0	19.0	14.5	13.5	14.0	7.0	6.0	6.5	7.5	6.0	6.5
3	19.5	19.0	19.0	14.5	13.0	13.5	7.0	5.0	6.5	6.0	5.0	5.5
4	19.5	19.0	19.0	12.5	11.5	12.0	5.0	4.0	4.5	7.5	6.0	7.0
5	19.0	18.0	18.0	12.5	10.0	11.5	5.5	4.0	5.0	9.0	7.5	8.0
6	19.0	17.5	18.5	12.0	11.0	11.5	7.5	4.5	6.0	10.0	9.0	9.5
7	20.0	18.5	19.0	14.0	12.0	13.0	8.5	7.0	7.5	10.0	9.5	10.0
8	20.0	18.5	19.5	15.0	14.0	14.5	8.5	7.0	8.0	9.0	8.5	9.0
9	18.5	16.0	17.5	16.5	15.0	15.5	7.0	5.5	6.0	8.5	7.5	8.0
10	16.0	14.0	15.0	14.5	13.0	13.5	5.5	5.0	5.0	8.5	7.5	8.0
11	15.5	13.5	14.5	13.5	12.0	13.0	6.5	5.5	6.0	8.0	6.5	7.5
12	16.0	14.0	15.0	14.0	12.0	13.0	7.5	6.5	7.0	8.0	7.0	7.5
13	17.0	15.0	16.0	14.0	12.0	13.0	7.5	6.5	7.0	7.0	5.5	6.0
14	17.5	16.5	17.0	13.5	12.0	13.0	6.5	5.5	5.5	5.5	4.5	5.0
15	19.0	16.5	17.5	14.5	13.0	14.0	5.5	4.5	5.0	6.5	4.5	5.5
16	19.5	17.5	18.5	15.0	13.0	14.5	5.5	4.5	5.0	8.0	6.0	6.5
17	20.0	19.0	19.5	12.5	10.0	11.0	4.0	3.5	3.5	9.5	7.5	8.5
18	20.5	19.5	20.0	10.0	8.5	9.0	4.0	3.0	3.5	10.5	8.5	9.5
19	20.0	17.0	19.0	8.5	8.0	8.5	4.0	3.5	3.5	11.0	10.0	10.5
20	16.5	13.0	14.5	9.5	7.0	8.0	4.5	3.5	4.0	11.0	10.5	11.0
21	13.0	11.5	12.5	10.5	9.0	10.0	4.0	3.0	3.5	12.0	11.0	11.5
22	13.5	11.5	12.5	9.5	8.0	9.0	3.5	1.5	2.5	11.0	9.5	10.0
23	13.5	11.5	12.5	8.0	7.5	8.0	1.5	<.5	.5	9.5	8.0	8.5
24	13.5	12.0	12.5	7.0	6.0	6.5	.5	<.5	<.5	9.0	8.5	9.0
25	13.5	11.5	12.5	6.0	5.0	5.5	.5	<.5	<.5	10.0	9.0	9.5
26	13.5	11.0	12.5	8.0	6.0	7.0	1.5	<.5	.5	10.0	9.0	9.5
27	13.5	11.0	12.5	10.5	8.5	9.0	1.5	<.5	1.0	8.5	7.0	8.0
28	14.5	12.0	13.0	13.0	10.5	11.5	2.5	1.0	1.5	8.0	6.5	7.0
29	14.5	12.0	13.5	12.5	10.5	12.0	3.5	1.5	2.5	9.0	7.5	8.0
30	15.5	13.5	14.5	10.0	8.0	9.0	5.5	3.5	4.5	9.0	7.5	8.5
31	17.0	15.5	16.0	---	---	---	8.0	5.5	6.5	9.0	8.0	8.5
MONTH	20.5	11.0	16.0	16.5	5.0	11.5	8.5	<.5	4.5	12.0	4.5	8.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	7.5	8.0	11.0	10.0	10.5	15.5	12.5	14.0	21.5	18.5	20.0
2	10.5	8.5	9.5	11.0	10.5	10.5	17.5	15.0	16.5	22.5	20.0	21.5
3	12.5	10.5	11.5	11.0	10.5	11.0	17.0	15.5	16.5	22.0	21.0	21.5
4	14.0	12.5	13.0	11.5	10.0	10.5	15.5	13.5	14.5	22.0	20.5	21.0
5	13.0	11.0	12.0	12.0	9.5	11.0	15.5	13.0	14.5	21.5	20.5	21.0
6	11.0	9.5	10.0	12.5	10.5	11.5	16.5	14.5	15.5	20.0	18.5	19.0
7	11.5	10.0	10.5	12.0	11.0	11.5	16.0	14.5	15.5	19.5	16.5	18.0
8	11.5	10.0	11.0	11.5	10.0	10.5	15.0	13.0	14.0	19.0	16.5	18.0
9	11.0	10.5	10.5	10.5	9.5	10.0	14.5	12.0	13.5	18.0	17.5	18.0
10	12.5	11.0	12.0	13.5	10.5	11.5	15.0	13.0	14.0	20.5	18.0	19.0
11	12.5	11.5	12.0	16.0	13.0	14.5	16.5	14.5	15.5	18.5	17.0	18.0
12	11.5	10.0	10.5	17.5	15.0	16.0	15.0	13.5	14.5	19.5	17.0	18.5
13	10.5	9.0	10.0	18.0	16.0	17.0	15.0	12.5	14.0	20.5	18.5	19.5
14	11.5	9.5	10.5	18.5	16.5	17.5	15.0	13.0	14.0	21.5	19.0	20.0
15	13.5	11.0	12.0	18.0	17.0	17.5	17.5	15.0	16.0	22.5	20.0	21.0
16	14.5	13.0	13.5	18.5	17.5	18.0	18.5	16.0	17.0	23.0	20.5	22.0
17	14.5	13.5	14.0	18.0	16.5	17.0	19.0	16.0	17.5	23.0	21.5	22.5
18	13.5	11.0	12.5	16.5	15.0	15.5	18.5	16.5	17.5	22.5	20.0	21.0
19	11.0	9.5	10.0	15.5	14.5	15.0	16.5	14.5	16.0	21.5	19.0	20.5
20	11.0	9.5	10.5	15.5	14.0	14.5	16.5	15.5	16.0	22.5	19.5	21.0
21	10.5	9.0	10.0	13.5	11.5	12.5	17.5	15.5	16.5	23.0	20.5	22.0
22	11.5	10.0	10.5	13.5	11.0	12.0	19.0	16.0	17.5	22.0	20.5	21.5
23	12.5	11.5	12.0	15.0	12.0	13.5	19.5	17.0	18.5	21.0	18.5	20.0
24	12.0	11.0	11.5	16.0	13.5	14.5	20.5	17.5	19.0	21.0	19.0	20.0
25	11.0	9.0	9.5	17.0	14.5	15.5	21.0	18.0	19.5	22.5	19.5	21.0
26	8.5	7.5	8.0	16.5	15.0	15.5	21.5	18.5	20.0	23.5	20.5	22.0
27	8.5	6.5	7.5	15.5	14.0	15.0	21.5	19.0	20.5	24.5	22.0	23.0
28	10.0	7.5	8.5	14.5	13.0	14.0	20.5	18.0	19.5	23.5	22.0	23.0
29	---	---	---	14.0	12.5	13.5	18.0	17.5	17.5	22.0	20.5	21.5
30	---	---	---	12.5	12.0	12.5	19.0	17.0	18.0	21.0	19.0	20.5
31	---	---	---	13.0	12.0	12.5	---	---	---	21.5	19.5	20.5
MONTH	14.5	6.5	11.0	18.5	9.5	13.5	21.5	12.0	16.5	24.5	16.5	20.5

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.3	7.7	8.1	8.3	7.8	8.2	10.7	10.3	10.5	10.9	10.7	10.8
2	7.8	6.7	7.2	8.6	8.3	8.5	10.8	10.6	10.7	11.6	10.8	11.3
3	6.8	6.7	6.8	8.7	8.5	8.6	10.9	10.5	10.7	11.8	11.7	11.8
4	6.9	6.7	6.8	9.0	8.6	8.8	11.5	11.0	11.3	11.8	11.2	11.5
5	7.6	6.8	7.2	9.2	8.9	9.1	11.5	11.2	11.4	11.2	10.8	11.0
6	7.9	7.5	7.7	9.1	9.0	9.0	11.4	10.8	11.2	10.8	10.4	10.5
7	7.7	7.5	7.6	9.0	8.6	8.9	10.8	10.5	10.7	10.5	10.4	10.4
8	7.8	7.6	7.7	8.6	8.3	8.5	10.5	10.4	10.4	10.7	10.5	10.6
9	8.2	7.8	8.0	8.3	8.0	8.2	11.0	10.4	10.7	10.9	10.7	10.9
10	8.7	8.2	8.6	8.7	8.2	8.5	11.2	11.0	11.1	10.9	10.9	10.9
11	8.9	8.5	8.8	9.0	8.6	8.8	11.1	10.8	10.9	11.1	10.9	11.0
12	8.7	8.1	8.4	9.1	8.8	8.9	10.8	10.5	10.7	11.1	10.8	10.9
13	---	---	---	9.0	8.8	8.9	10.7	10.5	10.6	11.7	11.1	11.5
14	---	---	---	9.1	8.7	8.9	11.1	10.7	11.0	12.1	11.8	12.0
15	---	---	---	8.9	8.5	8.8	11.3	11.1	11.2	12.1	11.8	12.0
16	---	---	---	8.5	8.1	8.3	11.5	11.1	11.3	11.8	11.4	11.7
17	---	---	---	9.4	8.5	9.0	12.0	11.6	11.8	11.4	10.8	11.2
18	---	---	---	10.0	9.4	9.8	12.3	12.0	12.1	10.8	10.4	10.7
19	---	---	---	10.3	10.0	10.2	12.1	11.9	12.0	10.4	10.2	10.3
20	---	---	---	10.6	10.1	10.4	12.1	11.9	12.0	10.2	10.1	10.2
21	---	---	---	10.1	9.6	10.0	12.2	11.9	12.1	10.1	9.9	10.0
22	---	---	---	10.3	9.9	10.1	12.6	12.0	12.3	10.3	9.9	10.1
23	---	---	---	10.5	10.3	10.4	13.2	12.6	13.0	10.8	10.3	10.6
24	---	---	---	10.9	10.5	10.8	13.7	13.1	13.5	10.8	10.6	10.7
25	---	---	---	11.3	10.9	11.1	13.7	13.4	13.6	---	---	---
26	---	---	---	11.1	10.4	10.8	13.7	13.3	13.5	---	---	---
27	9.0	8.7	8.9	10.4	9.9	10.2	13.5	13.2	13.4	---	---	---
28	8.9	8.5	8.7	9.9	9.3	9.6	13.3	13.0	13.2	---	---	---
29	8.7	8.4	8.6	9.7	9.3	9.5	13.1	12.7	13.0	---	---	---
30	8.4	8.1	8.3	10.3	9.7	10.1	12.7	11.8	12.3	10.9	10.6	10.8
31	8.1	7.8	8.0	---	---	---	11.8	11.0	11.5	11.0	10.6	10.7
MONTH	9.0	6.7	8.0	11.3	7.8	9.4	13.7	10.3	11.7	12.1	9.9	10.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.9	10.6	10.7	10.6	10.4	10.5	9.8	9.1	9.5	8.2	7.6	7.9
2	---	---	---	10.4	10.3	10.3	9.1	8.7	8.9	8.0	7.3	7.6
3	---	---	---	10.3	10.0	10.2	9.0	8.6	8.8	7.4	7.3	7.4
4	---	---	---	10.2	10.0	10.1	9.4	9.0	9.2	7.6	7.4	7.5
5	---	---	---	10.6	10.1	10.3	9.5	9.1	9.3	7.5	7.4	7.4
6	---	---	---	10.5	10.2	10.4	9.2	8.9	9.0	7.9	7.4	7.7
7	10.4	10.1	10.3	10.5	10.2	10.4	9.1	8.9	9.0	8.4	8.0	8.2
8	10.3	10.1	10.2	10.8	10.5	10.6	9.6	9.1	9.4	9.1	8.2	8.4
9	10.1	9.9	10.1	10.8	10.7	10.8	9.8	9.3	9.6	8.4	8.2	8.3
10	9.9	9.3	9.5	10.7	10.1	10.5	9.6	9.0	9.3	8.3	8.0	8.2
11	9.3	9.2	9.3	10.0	9.5	9.8	9.2	8.7	8.9	8.3	8.0	8.2
12	9.9	9.3	9.7	9.5	9.3	9.5	9.5	8.8	9.1	8.3	8.0	8.2
13	10.3	9.9	10.2	9.4	9.2	9.3	9.7	9.0	9.3	8.1	8.0	8.1
14	10.3	10.1	10.2	9.3	9.1	9.2	9.8	8.7	9.1	8.2	7.9	8.1
15	10.0	9.6	9.9	9.2	9.1	9.1	9.0	8.2	8.5	8.1	7.8	8.0
16	9.6	9.1	9.4	9.1	9.0	9.0	8.9	8.2	8.4	8.1	7.8	8.0
17	9.2	8.7	8.9	9.0	8.9	8.9	8.8	8.0	8.3	7.9	7.5	7.8
18	9.5	8.7	9.0	9.0	8.6	8.8	8.8	8.0	8.2	8.2	7.8	8.0
19	10.1	9.6	10.0	8.8	8.6	8.7	9.4	8.2	8.7	8.4	8.0	8.2
20	10.0	9.9	10.0	9.3	8.7	9.0	8.9	8.4	8.6	8.3	8.0	8.1
21	10.3	9.8	10.1	10.1	9.2	9.7	9.0	8.1	8.4	8.1	7.8	8.0
22	10.2	9.9	10.1	10.3	10.0	10.2	8.7	7.8	8.1	8.3	7.8	8.1
23	9.8	9.6	9.7	10.1	9.7	9.9	8.7	7.7	8.1	8.7	8.3	8.5
24	10.0	9.6	9.8	9.7	9.4	9.6	8.6	7.5	7.9	8.6	8.3	8.4
25	10.8	10.0	10.5	9.5	9.2	9.4	8.5	7.4	7.8	8.6	8.3	8.4
26	11.4	10.9	11.2	9.4	9.2	9.3	8.2	7.3	7.6	8.4	8.0	8.2
27	11.6	11.2	11.4	9.6	9.4	9.5	8.2	7.4	7.6	8.1	7.8	7.9
28	11.2	10.6	11.0	9.8	9.5	9.7	7.9	7.5	7.7	8.1	7.8	8.0
29	---	---	---	9.8	9.6	9.7	8.2	7.8	8.0	8.3	8.1	8.2
30	---	---	---	10.0	9.8	9.9	8.5	7.9	8.2	8.6	8.3	8.5
31	---	---	---	9.9	9.8	9.9	---	---	---	8.7	8.4	8.5
MONTH	11.6	8.7	10.1	10.8	8.6	9.7	9.8	7.3	8.6	9.1	7.3	8.1

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC

LOCATION.--Lat 34°30'33'', long 81°35'54'', Union County, Hydrologic Unit 03050108, on left bank, at upstream side of bridge on U.S. Highway 176, 0.4 mi downstream from Seaboard Coast Line Railroad, 0.5 mi northeast of Whitmire, and at mile 19.2.

DRAINAGE AREA.--444 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Datum of gage is 300.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: Nov. 17 - 21, Aug. 23, 24, which are poor.

AVERAGE DISCHARGE.--17 years, 558 ft³/s, 17.07 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,700 ft³/s, Oct. 10, 1976, gage height 32.58 ft; minimum, 50 ft³/s, Oct. 9, 1981 (revised), gage height, 14.00 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Oct. 2	2300	* 7,470	* 26.98	Mar. 19	2200	5,360	25.23
Feb. 20	1100	4,250	24.09				

Minimum discharge, 101 ft³/s, Aug. 20, gage height, 14.35 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1570	242	310	800	723	723	1010	520	316	211	138	945
2	5740	239	302	1230	661	695	806	453	301	184	147	402
3	6330	248	294	704	625	1430	715	425	299	185	142	268
4	3620	240	286	585	609	2550	661	408	304	163	129	219
5	1250	235	282	552	678	1470	624	449	297	165	127	196
6	856	234	271	648	774	1010	598	469	281	142	127	194
7	666	240	267	862	645	865	594	422	272	146	126	176
8	567	327	670	1090	584	775	588	397	268	143	147	163
9	483	296	1680	1290	573	738	561	386	264	143	175	170
10	426	275	1790	1050	744	749	543	451	349	143	146	156
11	395	264	1400	772	2450	714	588	702	377	171	179	157
12	371	248	1390	652	1990	669	625	515	316	141	246	200
13	351	240	1990	604	1440	643	565	429	271	136	167	426
14	329	235	2790	575	827	615	529	398	259	158	142	428
15	317	241	1620	513	709	600	542	378	249	193	128	299
16	307	553	875	486	885	580	599	362	255	324	117	262
17	295	930	698	468	2380	909	572	356	251	230	114	221
18	295	700	648	452	3620	2950	515	357	259	211	114	190
19	318	450	584	443	4140	4720	482	350	247	240	107	177
20	346	350	542	437	4140	3620	469	339	229	221	102	168
21	372	315	519	530	3950	1200	469	348	217	202	128	167
22	307	301	481	871	3680	967	468	359	213	226	165	177
23	284	417	447	940	1690	857	468	343	208	215	370	204
24	268	977	409	709	1520	787	454	326	200	206	330	246
25	260	618	401	708	1050	738	437	319	189	184	277	198
26	255	454	404	1810	876	698	427	311	181	167	274	176
27	252	401	400	2230	800	692	415	304	175	177	219	163
28	247	366	395	1080	755	680	413	315	175	194	194	156
29	242	348	383	833	---	661	551	493	188	164	176	152
30	241	323	381	836	---	706	700	388	210	150	154	148
31	242	---	391	884	---	813	---	365	---	144	414	---
TOTAL	27802	11307	23300	25644	43518	35824	16988	12437	7620	5679	5521	7204
MEAN	897	377	752	827	1554	1156	566	401	254	183	178	240
MAX	6330	977	2790	2230	4140	4720	1010	702	377	324	414	945
MIN	241	234	267	437	573	580	413	304	175	136	102	148

CAL YR 1989 TOTAL 180866 MEAN 496 MAX 6330 MIN 150
WTR YR 1990 TOTAL 222844 MEAN 611 MAX 6330 MIN 102

SANTÉE RIVER BASIN

137

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 148 microsiemens Sept. 1, 1988, minimum, 21 microsiemens, Feb. 28, 1984.

pH: Maximum, 8.2 units Apr. 11, 1988; minimum, 5.0 units July 4, 1987.

WATER TEMPERATURE: Maximum, 32.5°C July 19-21, 1986, minimum, 0.5°C several days, several years.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L Jan. 20, 1976; minimum, 2.0 mg/L Sept. 6, 1981.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 115 microsiemens, Aug. 7, 8; minimum, 34 microsiemens, Oct. 1 - 3.

pH: Maximum, 7.4 units, June 28, several days in July and Aug.; minimum 6.1 units, Apr. 14, 15.

WATER TEMPERATURE: Maximum, 29.5°C, July 10, 11; minimum, 0.5°C, Dec. 24 - 26.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Dec. 24, 25; minimum, 6.1 mg/L, July 6, 7, 10 - 12.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	70	34	54	90	87	88	82	77	80	78	57	72
2	35	34	34	89	84	86	86	82	84	58	56	57
3	39	34	37	87	85	86	88	85	87	60	57	59
4	48	38	43	89	86	88	89	86	87	65	60	63
5	51	48	49	89	87	89	91	87	89	69	64	67
6	59	51	55	93	90	91	89	88	88	72	67	69
7	66	59	62	93	91	92	---	---	---	67	62	65
8	70	65	67	92	88	90	---	---	---	63	55	58
9	72	69	70	88	81	84	---	---	---	58	56	57
10	75	71	73	86	81	84	---	---	---	58	56	57
11	75	72	73	89	84	86	---	---	---	62	59	60
12	76	72	74	89	87	88	---	---	---	66	62	64
13	80	74	77	91	88	90	---	---	---	71	66	68
14	81	80	80	91	90	90	---	---	---	73	70	71
15	83	80	82	94	91	92	---	---	---	75	71	73
16	85	82	83	91	69	80	---	---	---	75	72	74
17	86	84	85	---	---	---	---	---	---	74	71	73
18	86	83	85	---	---	---	---	---	---	75	72	74
19	83	82	83	---	---	---	---	---	---	76	74	75
20	87	82	84	---	---	---	---	---	---	77	75	76
21	86	82	85	---	---	---	---	---	---	77	69	74
22	85	77	80	85	81	83	76	72	74	66	52	55
23	83	78	81	81	74	79	77	75	76	58	54	56
24	87	81	84	80	63	73	80	77	79	62	58	60
25	85	81	83	68	62	65	81	77	79	67	63	65
26	82	80	81	70	68	69	80	77	79	64	47	53
27	84	80	82	---	---	---	79	76	77	51	48	49
28	85	84	85	---	---	---	77	75	76	56	51	54
29	88	85	86	---	---	---	76	74	75	59	57	58
30	89	88	88	77	74	76	79	75	76	60	58	59
31	90	89	89	---	---	---	78	75	77	60	58	59
MONTH	90	34	73	94	62	84	91	72	80	78	47	64

SANTÉE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	61	60	60	64	61	63	61	60	61	67	63	65
2	65	61	63	64	62	63	63	61	62	70	67	68
3	67	64	66	63	48	57	66	62	63	75	68	71
4	78	66	72	49	47	48	64	61	63	77	74	75
5	73	66	71	53	49	51	67	62	65	77	73	75
6	74	62	69	56	53	54	68	65	67	79	74	76
7	72	64	67	59	56	57	68	65	67	78	74	76
8	74	65	70	61	59	60	70	67	69	77	75	76
9	73	59	69	63	61	62	71	68	70	76	73	74
10	59	51	54	64	62	63	68	66	67	74	71	72
11	49	43	45	65	62	64	66	65	65	73	67	70
12	53	47	51	66	64	65	68	64	66	68	66	67
13	57	53	55	67	64	65	68	65	67	72	67	69
14	60	57	58	68	64	65	70	65	67	75	71	73
15	63	60	62	70	65	68	72	69	70	75	72	74
16	64	48	58	72	67	69	71	67	69	74	72	73
17	51	40	46	68	59	66	68	63	66	74	71	73
18	46	40	43	59	40	45	65	62	63	78	75	77
19	45	37	39	42	37	39	69	64	66	80	79	79
20	45	38	41	48	38	43	71	67	69	86	80	81
21	52	45	49	53	48	50	74	70	71	87	80	83
22	56	53	54	55	53	54	73	71	72	81	79	81
23	56	52	55	58	55	57	73	69	71	80	76	78
24	54	52	53	59	57	58	72	69	71	77	76	76
25	58	54	56	61	58	59	71	68	69	80	77	79
26	61	58	59	60	59	60	72	68	69	83	80	82
27	61	59	60	60	59	60	77	73	75	87	83	85
28	62	60	61	60	58	59	77	73	75	88	81	85
29	---	---	---	62	59	61	76	70	73	80	64	69
30	---	---	---	63	60	62	73	64	70	74	69	73
31	---	---	---	63	60	62	---	---	---	77	73	74
MONTH	78	37	57	72	37	58	77	60	68	88	63	75
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	75	72	73	---	---	---	102	97	100	74	43	57
2	80	73	77	---	---	---	101	94	100	69	62	66
3	85	79	83	---	---	---	93	86	90	73	67	70
4	88	83	85	94	91	93	103	91	99	82	74	77
5	89	84	87	92	90	91	108	102	104	87	81	84
6	85	80	82	94	90	92	113	106	109	93	87	90
7	85	79	81	95	91	93	115	113	114	99	92	96
8	91	81	86	95	92	94	115	113	114	---	---	---
9	---	---	---	97	94	95	113	102	107	---	---	---
10	---	---	---	104	95	99	105	101	102	---	---	---
11	---	---	---	110	104	108	104	98	101	---	---	---
12	---	---	---	104	91	97	109	90	99	---	---	---
13	78	74	76	92	90	90	92	83	87	---	---	---
14	80	77	79	95	91	93	87	82	84	79	64	69
15	87	81	84	104	96	101	97	88	94	75	73	74
16	88	85	86	104	93	98	100	95	98	85	76	81
17	91	86	89	---	---	---	105	99	102	89	83	87
18	95	89	90	---	---	---	---	---	---	93	87	90
19	95	91	93	---	---	---	---	---	---	96	93	94
20	92	86	89	---	---	---	---	---	---	97	94	95
21	92	85	88	---	---	---	---	---	---	98	94	96
22	91	84	87	---	---	---	---	---	---	99	96	98
23	101	85	95	---	---	---	---	---	---	100	97	98
24	101	87	94	---	---	---	---	---	---	102	97	100
25	105	96	100	---	---	---	82	74	79	101	89	94
26	106	96	100	---	---	---	92	83	88	94	90	92
27	106	94	99	---	---	---	86	84	85	94	92	93
28	96	93	94	---	---	---	102	86	96	96	92	94
29	98	94	95	---	---	---	107	100	103	101	96	99
30	102	98	100	---	---	---	107	101	105	101	99	100
31	---	---	---	---	---	---	102	47	93	---	---	---
MONTH	106	72	88	110	90	96	115	47	98	102	43	87
YEAR	115	34	75									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	19.5	18.0	18.5	16.0	14.5	15.5	9.0	7.5	8.0	9.0	8.5	9.0
2	19.5	19.0	19.0	14.5	13.5	14.0	8.0	6.5	7.5	9.0	7.0	8.0
3	19.5	18.5	19.0	14.5	13.0	13.5	7.5	6.0	7.0	7.0	6.5	7.0
4	19.0	18.5	19.0	13.0	11.5	12.5	6.0	4.5	5.0	8.0	7.0	7.5
5	18.5	18.0	18.5	12.5	10.5	11.5	6.5	4.5	5.5	9.5	8.0	9.0
6	18.5	17.5	18.0	12.0	11.0	11.5	7.5	5.0	6.5	10.5	9.5	10.0
7	20.0	18.5	19.0	14.0	12.0	13.0	9.0	7.5	8.0	11.0	10.5	11.0
8	20.0	18.5	19.5	14.5	14.0	14.5	9.0	8.0	8.5	10.5	9.5	10.0
9	18.5	16.0	17.5	16.5	14.5	15.0	8.0	6.5	7.5	9.5	9.0	9.0
10	16.0	14.5	15.0	14.5	13.0	14.0	6.5	6.0	6.0	9.0	8.5	8.5
11	15.5	13.5	14.5	14.0	12.0	13.0	7.5	6.5	7.0	8.5	8.0	8.0
12	16.0	14.0	15.0	14.0	12.0	13.0	8.0	7.5	8.0	9.0	7.5	8.5
13	16.5	15.0	15.5	14.5	12.0	13.0	8.0	7.5	8.0	7.5	6.0	7.0
14	17.5	16.5	17.0	13.5	12.5	13.0	7.5	6.5	6.5	6.5	5.5	5.5
15	18.5	16.5	17.5	15.0	13.0	14.0	6.5	6.0	6.0	6.5	5.0	6.0
16	19.0	17.5	18.5	15.0	13.5	14.5	6.5	5.0	6.0	8.0	6.0	7.0
17	20.0	18.5	19.5	---	---	---	5.0	4.0	4.5	10.0	7.5	8.5
18	20.5	20.0	20.0	---	---	---	4.5	4.0	4.0	11.0	9.5	10.0
19	20.0	17.0	19.0	---	---	---	4.5	4.5	4.5	12.0	10.5	11.0
20	17.0	13.0	15.0	---	---	---	5.0	4.5	4.5	12.0	11.5	11.5
21	13.0	12.0	12.5	---	---	---	5.0	4.0	4.5	12.5	11.5	12.0
22	13.5	11.5	12.5	10.0	9.0	9.5	4.0	2.5	3.5	11.5	10.0	10.5
23	13.5	11.5	12.5	8.5	8.0	8.5	2.5	1.0	1.5	10.0	9.5	9.5
24	13.5	12.0	12.5	8.0	6.5	7.0	1.0	.5	.5	10.0	9.5	9.5
25	13.5	11.5	12.5	6.5	6.0	6.0	1.0	.5	.5	10.5	9.5	10.0
26	13.5	11.5	12.5	8.5	6.5	7.5	2.0	.5	1.5	10.5	9.5	10.0
27	13.5	11.5	12.5	---	---	---	2.5	1.0	2.0	9.5	8.0	8.5
28	14.5	12.0	13.0	---	---	---	3.5	1.5	2.5	8.0	7.5	7.5
29	14.5	12.5	13.5	---	---	---	4.0	2.5	3.0	9.0	8.0	8.5
30	15.5	13.5	14.5	11.0	8.5	9.5	6.0	4.0	5.0	9.0	8.5	9.0
31	17.0	15.5	16.0	---	---	---	8.5	6.0	7.0	9.5	8.5	9.0
MONTH	20.5	11.5	16.0	16.5	6.0	12.0	9.0	.5	5.0	12.5	5.0	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.0	8.5	11.5	10.0	10.5	15.0	13.0	14.0	21.0	18.5	20.0
2	10.5	9.0	10.0	11.0	11.0	11.0	17.5	15.0	16.5	22.5	20.0	21.5
3	12.5	10.5	12.0	11.5	11.0	11.0	17.5	16.0	16.5	22.5	21.0	21.5
4	14.5	12.5	13.5	11.5	10.5	11.0	16.0	14.5	15.0	22.0	21.0	21.5
5	13.5	11.5	13.0	11.5	11.0	11.5	16.0	14.0	15.0	21.5	20.5	21.0
6	11.5	10.5	11.0	12.5	11.0	11.5	16.5	15.0	15.5	20.5	18.5	19.5
7	12.0	11.0	11.5	12.5	11.5	12.0	16.5	15.0	15.5	19.5	17.0	18.5
8	12.0	11.0	11.5	11.5	10.5	11.0	15.0	13.5	14.5	19.0	17.0	18.0
9	11.5	11.0	11.0	10.5	10.0	10.5	15.0	13.0	14.0	18.5	17.5	18.0
10	12.5	11.5	12.0	13.0	10.5	11.5	15.0	13.5	14.5	20.0	18.0	19.0
11	12.5	12.0	12.5	15.5	13.0	14.5	16.5	14.5	15.5	18.5	18.0	18.0
12	12.0	11.0	11.5	17.0	15.0	16.0	15.5	14.5	15.0	19.5	17.5	18.5
13	11.0	10.0	10.5	18.0	16.5	17.5	15.5	13.5	14.5	20.5	18.5	19.5
14	11.5	10.5	11.0	18.5	17.0	18.0	15.0	13.5	14.5	21.5	19.0	20.5
15	13.0	11.0	12.0	18.5	17.5	18.0	17.5	15.0	16.0	22.5	20.0	21.0
16	14.5	13.0	14.0	18.5	18.0	18.0	18.0	16.0	17.0	23.0	20.5	22.0
17	14.5	14.0	14.5	18.0	17.0	17.5	18.5	16.5	17.5	23.0	21.5	22.5
18	14.0	11.5	13.0	16.5	15.5	16.0	18.5	16.5	18.0	22.5	20.0	21.5
19	11.0	9.5	10.0	16.0	15.5	15.5	17.0	15.0	16.0	21.5	19.5	20.5
20	11.5	10.0	10.5	15.5	14.0	14.5	16.5	15.5	16.0	22.0	19.5	21.0
21	11.0	10.0	10.5	14.0	12.5	13.0	17.5	15.5	16.5	23.0	20.5	21.5
22	11.5	10.5	11.0	13.0	12.0	12.5	18.5	16.0	17.5	22.0	20.5	21.5
23	12.5	11.5	12.0	14.0	12.5	13.5	19.5	17.0	18.0	21.0	19.0	20.0
24	12.5	11.5	12.0	15.5	14.0	14.5	20.5	18.0	19.0	21.0	19.0	20.0
25	11.5	9.5	10.5	16.5	15.0	16.0	21.0	18.5	19.5	21.5	19.0	20.5
26	9.5	8.0	8.5	16.5	15.5	16.0	21.5	18.5	20.0	22.5	20.5	21.5
27	8.5	7.5	8.0	16.0	15.0	15.5	22.0	19.0	20.5	24.0	22.0	23.0
28	10.0	8.0	9.0	15.0	14.0	14.5	20.0	18.5	19.5	23.5	22.5	23.0
29	---	---	---	14.0	13.0	14.0	18.5	17.5	18.0	22.5	21.0	21.5
30	---	---	---	13.0	12.5	12.5	19.0	17.5	18.0	21.5	19.5	20.5
31	---	---	---	13.0	12.0	12.5	---	---	---	21.5	19.5	20.5
MONTH	14.5	7.5	11.5	18.5	10.0	14.0	22.0	13.0	16.5	24.0	17.0	20.5

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.4	7.6	8.0	9.6	9.0	9.3	10.9	10.4	10.7	11.0	10.4	10.7
2	7.8	7.2	7.4	10.1	9.5	9.9	11.1	10.7	10.9	11.6	10.5	11.1
3	7.5	7.2	7.4	10.3	10.0	10.1	11.2	10.7	10.9	11.9	11.3	11.6
4	7.7	7.0	7.3	10.7	10.1	10.4	11.7	11.1	11.5	11.8	11.1	11.5
5	8.2	7.6	7.9	11.1	10.4	10.7	11.7	11.3	11.5	11.4	10.7	11.1
6	8.1	7.5	7.9	10.7	10.4	10.6	11.8	11.2	11.5	11.0	10.1	10.6
7	7.9	7.1	7.6	10.5	10.0	10.3	---	---	---	10.8	10.3	10.6
8	7.6	6.7	7.3	10.0	9.6	9.8	---	---	---	11.2	10.4	10.7
9	7.8	7.0	7.4	9.7	9.4	9.5	---	---	---	11.4	10.7	11.0
10	8.2	7.2	7.8	10.1	9.5	9.8	12.0	11.1	11.7	11.4	10.7	11.1
11	9.3	7.3	7.9	10.5	10.0	10.2	12.0	11.1	11.5	11.5	10.9	11.2
12	8.6	7.6	8.1	10.6	10.1	10.3	11.6	10.8	11.2	11.4	10.8	11.1
13	8.3	7.5	7.9	10.5	10.1	10.2	11.7	10.9	11.2	11.8	11.0	11.4
14	8.1	7.2	7.8	10.4	10.0	10.2	11.8	10.7	11.2	12.1	11.4	11.8
15	8.1	7.2	7.8	10.1	9.6	9.9	11.9	10.9	11.4	12.3	11.6	12.0
16	8.3	7.2	7.7	9.6	8.6	9.2	11.9	11.1	11.5	12.1	11.0	11.6
17	7.9	7.1	7.4	---	---	---	12.3	11.5	12.0	11.7	10.7	11.3
18	8.0	7.0	7.4	---	---	---	13.0	11.8	12.2	11.3	10.7	11.0
19	8.0	7.2	7.5	---	---	---	12.7	11.5	12.1	11.1	10.4	10.7
20	9.2	7.4	8.3	---	---	---	12.5	11.7	12.2	10.8	10.4	10.6
21	9.6	8.7	9.0	---	---	---	12.5	11.7	12.2	10.8	10.3	10.5
22	9.7	8.9	9.2	10.1	9.7	9.9	12.8	11.9	12.4	11.1	10.4	10.7
23	9.7	9.1	9.3	10.3	10.0	10.2	13.4	12.5	12.9	11.3	10.8	11.1
24	10.0	9.1	9.5	10.6	10.3	10.5	13.6	12.8	13.1	11.4	10.9	11.2
25	9.8	9.3	9.5	10.9	10.6	10.8	13.6	12.9	13.2	11.3	10.8	11.0
26	9.9	9.4	9.6	10.8	10.3	10.6	13.4	12.7	13.0	11.2	10.6	10.9
27	10.4	9.6	9.9	---	---	---	13.3	12.5	12.8	11.8	10.7	11.3
28	10.3	9.5	9.8	---	---	---	13.1	12.5	12.8	12.0	11.2	11.7
29	9.9	9.4	9.7	---	---	---	13.0	12.0	12.5	11.9	11.1	11.5
30	9.8	9.3	9.5	10.4	9.8	10.2	12.5	11.4	12.0	11.9	11.0	11.3
31	9.8	9.1	9.3	---	---	---	11.7	10.9	11.4	11.7	11.0	11.3
MONTH	10.4	6.7	8.3	11.1	8.6	10.1	13.6	10.4	11.9	12.3	10.1	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	11.1	11.4	11.1	10.2	10.8	9.7	8.4	9.4	---	---	---
2	11.5	10.5	11.0	10.8	9.8	10.3	9.1	8.1	8.7	---	---	---
3	10.9	10.1	10.5	10.3	9.6	10.0	9.0	8.2	8.6	8.4	8.3	8.4
4	10.5	9.7	10.1	---	---	---	9.2	8.7	8.9	8.4	8.2	8.3
5	10.8	9.8	10.3	---	---	---	9.4	8.7	9.0	8.3	8.1	8.2
6	11.2	10.3	10.8	---	---	---	9.1	8.4	8.8	8.4	8.1	8.2
7	11.1	10.5	10.8	---	---	---	9.6	8.6	8.9	8.5	8.0	8.3
8	11.2	10.5	10.8	---	---	---	9.6	8.9	9.3	8.1	7.0	7.7
9	11.1	10.4	10.8	---	---	---	9.7	9.0	9.4	---	---	---
10	10.8	9.9	10.4	---	---	---	9.6	9.0	9.2	---	---	---
11	10.5	9.9	10.2	---	---	---	9.2	8.6	8.9	---	---	---
12	11.0	9.9	10.4	---	---	---	9.6	8.6	9.0	---	---	---
13	11.4	10.5	10.9	8.9	7.7	8.4	9.7	8.6	9.3	---	---	---
14	11.4	10.7	11.0	8.6	7.6	8.2	9.4	8.9	9.2	---	---	---
15	11.0	10.4	10.7	8.5	7.8	8.2	9.1	8.5	8.8	---	---	---
16	10.7	9.7	10.2	8.5	7.4	8.1	8.8	8.1	8.6	7.8	7.6	7.7
17	10.3	9.6	9.9	8.8	7.9	8.2	8.8	8.2	8.5	7.6	7.5	7.6
18	10.2	9.6	9.9	8.3	7.9	8.1	8.9	8.2	8.6	7.9	7.6	7.8
19	11.3	10.4	10.9	8.2	7.4	7.9	9.4	8.7	9.0	8.2	7.8	7.9
20	11.1	10.5	10.8	8.9	7.8	8.2	9.2	8.8	9.0	8.0	7.5	7.9
21	11.5	10.4	11.0	9.5	8.8	9.1	9.3	8.6	8.9	7.8	7.5	7.7
22	11.4	10.5	11.0	9.6	9.1	9.3	9.1	8.2	8.6	7.9	7.5	7.7
23	10.9	10.2	10.5	9.6	8.8	9.3	8.8	8.3	8.5	8.3	7.9	8.1
24	10.7	10.2	10.5	9.4	8.2	9.0	8.8	7.5	8.3	8.3	8.0	8.1
25	11.4	10.4	10.9	9.2	8.3	8.9	8.7	8.1	8.3	8.2	7.8	8.0
26	11.9	11.2	11.6	9.6	8.6	8.9	8.6	7.9	8.3	8.0	7.6	7.8
27	12.1	11.5	11.8	9.4	8.6	9.1	8.7	7.8	8.2	7.9	7.5	7.6
28	11.9	10.9	11.4	9.8	8.9	9.4	8.3	7.7	8.0	7.6	7.5	7.5
29	---	---	---	9.7	8.3	9.3	8.3	7.7	8.0	7.7	7.4	7.5
30	---	---	---	10.0	9.0	9.5	8.3	7.8	8.1	8.1	7.7	7.9
31	---	---	---	9.9	8.9	9.6	---	---	---	8.1	7.9	8.0
MONTH	12.1	9.6	10.7	11.1	7.4	9.0	9.7	7.5	8.7	8.5	7.0	7.9

SANTEE RIVER BASIN

02160775 HELLEERS CREEK NEAR POMARIA, SC

LOCATION.--Lat 34°21'38'', long 81°29'32'', Newberry County, Hydrologic Unit 03050106, on downstream side of State Road 55 bridge, 7.8 mi northwest of Pomaria and 9.2 mi northeast of Newberry.

DRAINAGE AREA.--8.16 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 375 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Jan. 16 to Mar. 7. Records poor.

AVERAGE DISCHARGE.--10 years, 6.78 ft³/s, 11.28 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 756 ft³/s, Mar. 17, 1983, gage height, 8.02 ft; minimum daily, 0.42 ft³/s, Sept. 2, 1988.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 240 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Oct. 2	0100	*635	*7.69	Feb. 19	unknown	515	7.31

Minimum daily, 1.4 ft³/s, July 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	161	3.3	3.2	4.2	4.1	6.6	6.7	5.1	4.5	5.6	3.3	4.7
2	167	3.5	3.2	3.6	4.0	6.2	5.9	4.8	4.6	3.7	3.5	3.9
3	15	3.8	3.2	3.4	3.9	9.4	5.2	4.8	4.5	2.9	3.7	3.6
4	8.3	3.7	3.2	3.3	3.7	8.2	5.0	5.0	4.7	2.9	3.5	3.1
5	6.5	3.7	3.0	2.9	3.5	7.6	5.0	5.7	4.7	2.8	4.5	2.9
6	5.6	3.7	2.8	4.5	3.5	7.2	4.9	5.2	4.8	2.7	4.4	2.5
7	5.1	3.7	2.8	5.1	3.4	6.8	5.1	5.0	4.9	2.7	4.0	2.3
8	4.6	3.6	21	39	3.3	6.6	4.9	4.9	4.9	2.8	4.1	2.1
9	4.1	3.7	26	8.6	10	7.6	4.8	4.9	5.0	2.6	4.3	2.2
10	3.9	3.7	17	2.3	60	7.2	4.1	6.8	5.1	2.4	4.0	2.8
11	3.8	3.7	11	1.9	30	6.5	5.2	5.9	5.0	2.1	3.8	2.4
12	4.0	3.5	19	3.1	15	6.3	4.6	5.5	5.2	2.0	3.5	2.3
13	3.7	3.1	34	3.3	10	6.1	4.4	5.3	5.2	1.7	3.4	2.9
14	3.8	3.1	12	3.3	7.0	6.1	4.4	4.7	5.4	1.6	3.4	5.1
15	3.7	3.8	8.8	3.4	5.0	6.0	5.6	4.5	5.4	1.7	4.3	4.2
16	3.6	5.0	7.1	3.6	15	6.0	5.2	4.2	5.6	1.7	4.3	3.4
17	3.6	4.2	6.0	3.1	35	18	4.8	4.0	5.7	1.4	4.2	3.0
18	3.7	3.8	5.5	2.6	13	16	4.5	3.9	5.8	1.6	4.0	3.2
19	4.3	3.6	5.8	2.2	140	11	4.3	3.8	5.7	3.1	3.6	3.0
20	3.8	3.6	5.9	2.0	35	9.2	4.3	3.8	5.6	4.0	3.5	2.8
21	3.4	3.4	5.5	5.0	14	8.0	4.4	4.0	5.8	3.9	3.9	3.0
22	3.3	3.4	4.8	4.0	11	7.4	4.4	4.0	6.6	3.9	5.3	5.2
23	3.2	5.9	4.4	2.8	18	7.1	4.1	4.1	6.1	3.6	6.2	3.9
24	3.2	4.7	4.1	2.4	13	6.8	4.1	4.2	6.1	3.6	4.6	3.7
25	3.2	4.2	4.0	3.5	11	6.5	4.0	4.2	6.2	3.6	4.5	3.8
26	3.1	3.9	3.9	6.2	9.5	6.4	3.8	4.2	6.3	3.4	4.3	3.7
27	3.1	3.8	3.9	5.0	8.0	6.7	3.9	4.3	5.9	3.4	4.1	3.6
28	3.1	3.7	3.7	3.4	7.2	6.6	4.9	4.3	5.8	3.3	3.9	3.5
29	3.0	3.4	3.6	4.5	---	6.7	7.5	4.8	5.4	3.3	3.7	3.6
30	3.2	3.2	3.6	5.4	---	6.8	5.8	4.4	5.4	3.3	3.9	3.6
31	3.4	---	3.9	4.7	---	7.2	---	4.4	---	3.3	5.4	---
TOTAL	454.3	113.4	245.9	152.3	496.1	240.8	145.8	144.7	161.9	90.6	127.1	100.0
MEAN	14.7	3.78	7.93	4.91	17.7	7.77	4.86	4.67	5.40	2.92	4.10	3.33
MAX	167	5.9	34	39	140	18	7.5	6.8	6.6	5.6	6.2	5.2
MIN	3.0	3.1	2.8	1.9	3.3	6.0	3.8	3.8	4.5	1.4	3.3	2.1

CAL YR 1989 TOTAL 2688.1 MEAN 7.36 MAX 209 MIN 1.1
WTR YR 1990 TOTAL 2472.9 MEAN 6.78 MAX 167 MIN 1.4

SANTÉE RIVER BASIN

145

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°18'17'', long 81°19'14'', Fairfield County, Hydrologic Unit 03050106, on left bank, at Fairfield Pump Storage Intake, 7.0 mi northwest of Jenkinsville.

PERIOD OF RECORD.--March 1978 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1978 to current year.

pH: March 1978 to current year.

WATER TEMPERATURE: March 1978 to current year.

DISSOLVED OXYGEN: March 1978 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 182 microsiemens, Oct. 31, 1988; minimum, 28 microsiemens, Nov. 23, 1985.

pH: Maximum, 9.2 units, May 21, 1988, May 3, 1990; minimum, 5.7 units, Apr. 30, 1988, May 6 - 12, 1989.

WATER TEMPERATURE: Maximum, 35.0°C, Aug. 17, 1984; minimum, 1.0°C, Jan. 15, 1982, Jan. 10, 1988.

DISSOLVED OXYGEN: Maximum, 15.0 mg/L, Dec. 27, 1980; minimum, 1.1 mg/L, Aug. 3, 1980.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 141 microsiemens, Aug. 9; minimum, 43 microsiemens, Mar. 19.

pH: Maximum, 9.2 units, May 3; minimum, 5.8 units, July 18.

WATER TEMPERATURE: Maximum, 32.0°C, July 24, Sept. 1; minimum, 2.0°C, Dec. 24, 26.

DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Dec. 28; minimum, 3.5 mg/L, Aug. 2, 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	100	91	97	116	103	106	102	89	99	92	75	88
2	102	62	95	112	104	106	101	91	99	92	75	88
3	100	55	95	112	103	105	100	95	99	93	66	85
4	104	80	95	105	103	104	106	98	100	92	67	87
5	106	48	86	109	103	104	102	97	99	92	68	89
6	102	57	89	109	103	104	98	96	97	92	72	88
7	95	63	87	115	102	105	101	97	97	91	76	87
8	106	81	96	116	103	105	104	96	98	92	77	86
9	105	80	95	116	103	106	98	91	96	90	71	85
10	101	86	96	116	104	106	97	75	92	89	65	84
11	103	87	97	108	103	105	97	71	92	89	68	84
12	102	87	95	107	102	104	100	67	93	86	71	82
13	96	90	95	108	102	104	97	96	96	89	85	87
14	96	94	95	115	103	106	96	63	93	89	76	85
15	97	94	96	117	102	104	97	65	91	90	80	87
16	102	95	97	115	105	108	96	62	91	90	84	88
17	102	96	97	115	104	106	96	93	95	90	87	89
18	102	96	97	105	104	105	96	79	93	91	85	89
19	105	97	99	106	104	105	96	69	92	91	84	89
20	104	97	99	106	104	105	95	82	92	90	88	89
21	104	97	99	106	96	104	94	83	90	90	88	88
22	100	97	98	107	104	106	93	87	92	93	88	90
23	99	96	97	108	102	105	93	90	92	90	89	90
24	98	95	97	106	106	106	93	89	92	90	84	89
25	101	95	97	106	105	105	95	92	92	90	72	85
26	102	98	98	106	90	103	94	88	92	89	88	89
27	101	99	100	104	89	102	92	92	92	89	69	84
28	105	100	101	104	97	103	94	86	92	89	83	89
29	107	101	102	103	83	97	93	87	92	89	69	84
30	114	102	105	103	97	101	94	87	92	89	77	86
31	117	102	106	---	---	---	93	80	89	89	88	89
MONTH	117	48	97	117	83	104	106	62	94	93	65	87

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	90	88	89	85	82	84	86	79	81	89	80	83
2	90	74	86	85	69	82	88	73	79	82	79	81
3	90	74	85	85	84	85	80	69	78	82	77	79
4	87	78	84	85	71	84	83	66	78	81	78	80
5	89	81	87	85	61	79	87	71	79	85	80	81
6	89	78	86	87	80	84	83	72	78	88	80	82
7	89	75	85	85	80	85	81	79	79	88	80	82
8	91	85	88	85	65	81	85	79	80	89	81	83
9	90	75	86	85	71	81	83	79	80	88	81	83
10	87	73	83	84	72	81	82	79	80	86	80	83
11	87	61	81	84	75	82	85	80	80	89	81	84
12	88	85	87	84	76	82	84	79	80	93	82	86
13	88	84	86	84	78	82	81	79	80	90	81	85
14	87	55	82	84	79	82	82	79	80	89	80	83
15	87	60	81	85	79	83	84	79	81	82	80	81
16	87	68	81	83	75	80	86	79	82	84	81	82
17	87	86	87	84	81	83	91	79	83	83	82	82
18	87	86	87	84	78	83	81	73	79	87	81	83
19	86	86	86	83	43	79	87	79	81	87	82	84
20	86	83	86	83	52	80	87	78	81	92	83	86
21	87	83	86	83	79	82	90	77	81	90	82	85
22	87	72	84	82	55	75	89	79	81	91	82	86
23	87	59	79	84	61	77	91	79	83	92	82	85
24	87	82	84	84	79	82	91	80	84	95	83	85
25	85	58	76	83	69	79	86	81	82	89	81	84
26	85	63	80	84	71	81	90	80	82	91	82	85
27	85	63	78	82	74	80	95	80	83	92	82	85
28	85	83	84	81	69	79	88	81	83	97	81	86
29	---	---	---	81	71	79	93	80	83	102	84	90
30	---	---	---	81	73	80	95	81	85	98	83	87
31	---	---	---	83	74	79	---	---	---	91	68	82
MONTH	91	55	84	87	43	81	95	66	81	102	68	84
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	88	75	84	115	94	98	110	99	101	117	105	108
2	92	83	86	108	94	98	119	97	104	113	104	108
3	94	86	87	114	95	99	111	100	102	114	105	108
4	94	85	88	110	95	99	116	100	104	112	88	103
5	93	85	87	112	95	100	107	101	103	112	95	104
6	97	84	87	105	95	98	115	100	106	111	99	105
7	95	85	88	105	93	97	121	102	106	112	102	105
8	92	85	88	102	94	96	110	101	103	111	104	106
9	96	85	89	103	94	96	141	101	106	123	105	108
10	96	83	87	98	94	96	138	102	108	113	104	108
11	98	83	89	98	92	95	122	102	107	113	104	108
12	96	85	88	97	93	95	118	101	108	121	105	110
13	101	84	89	99	93	95	128	105	113	127	106	112
14	96	85	89	97	94	95	123	104	111	119	107	111
15	92	84	87	99	94	95	120	106	111	124	106	112
16	91	86	87	111	95	98	130	107	112	120	104	110
17	99	87	89	118	95	100	123	109	112	116	104	109
18	109	86	94	109	94	100	112	108	110	117	106	110
19	111	87	92	101	95	97	125	108	113	125	106	114
20	106	87	92	97	94	96	136	110	116	114	105	108
21	99	88	91	98	95	96	127	109	114	128	108	114
22	100	88	91	102	96	97	128	110	114	120	107	111
23	102	89	92	112	97	101	136	108	115	120	108	111
24	107	88	92	109	96	100	135	108	116	131	106	111
25	100	90	91	106	96	99	137	107	117	115	105	111
26	111	89	94	108	97	101	127	108	116	117	106	110
27	109	90	95	110	98	102	119	107	113	121	106	110
28	111	91	95	105	99	101	114	108	110	132	106	114
29	105	93	96	106	97	101	121	106	109	113	109	110
30	106	93	96	---	---	---	109	105	107	127	108	112
31	---	---	---	---	---	---	111	105	107	---	---	---
MONTH	111	75	90	118	92	98	141	97	109	132	88	109
YEAR	141	43	93									

pH (STANDARD UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

pH (STANDARD UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH					
1	7.2	6.9	7.5	6.7	7.5	6.9	7.1	7.0	7.6	7.1	7.3	7.0				
2	7.2	6.6	7.3	6.6	7.6	7.0	7.2	7.0	7.3	7.0	7.3	6.9				
3	7.3	6.6	7.3	6.9	7.7	7.3	7.2	6.9	7.4	7.0	7.3	6.9				
4	7.4	6.8	7.3	7.0	8.0	7.0	7.2	7.0	7.2	7.0	7.3	7.0				
5	7.5	6.3	7.4	7.1	7.8	7.1	7.4	6.9	7.5	7.1	7.3	6.9				
6	7.1	6.4	7.6	7.0	7.3	6.9	7.3	7.0	7.5	7.2	7.4	7.0				
7	7.3	6.5	7.6	7.3	7.2	7.0	7.3	7.0	7.6	7.2	7.4	7.1				
8	7.5	6.8	7.5	7.1	7.2	7.1	7.3	7.0	7.9	7.3	7.3	7.0				
9	7.2	6.7	8.0	7.4	7.2	7.1	7.1	6.9	7.9	7.2	7.2	6.8				
10	7.1	6.6	7.8	7.3	7.3	6.9	7.1	6.9	7.4	7.2	7.2	6.9				
11	7.0	6.8	7.9	7.2	7.2	6.9	7.1	6.9	7.4	6.9	7.2	6.9				
12	7.1	6.7	7.5	7.1	7.2	6.9	7.1	7.0	7.4	7.1	7.5	7.0				
13	7.5	6.8	7.8	7.1	7.2	7.1	7.2	6.9	7.4	6.9	7.5	6.9				
14	7.4	6.9	7.7	6.6	7.1	6.8	7.1	6.8	7.4	7.1	7.4	6.8				
15	7.4	6.9	7.7	6.6	7.1	6.7	7.1	7.0	7.4	7.1	7.7	6.9				
16	7.3	6.9	7.7	6.8	7.1	6.8	7.1	6.8	7.2	7.1	7.2	6.8				
17	7.1	6.9	7.6	6.6	7.2	7.1	7.1	6.8	7.4	7.0	7.1	6.7				
18	7.3	6.8	7.6	6.5	7.1	7.0	7.1	6.8	7.4	7.2	7.2	6.8				
19	7.4	6.8	7.8	6.5	7.2	7.0	7.2	6.8	7.2	6.8	7.2	6.6				
20	7.3	6.8	7.8	6.7	7.2	7.0	7.1	6.9	7.3	6.8	7.1	6.7				
21	7.1	6.9	8.1	6.8	7.1	7.0	7.1	6.9	7.2	7.0	7.1	6.8				
22	7.2	6.6	7.3	6.9	7.1	7.1	7.1	6.8	7.1	6.8	7.1	6.7				
23	7.3	6.7	7.1	6.6	7.2	7.1	7.1	6.7	7.3	6.9	7.0	6.8				
24	7.2	6.7	7.1	6.5	7.2	7.1	7.1	6.7	7.2	6.9	7.2	6.7				
25	7.7	6.8	7.0	6.6	7.2	7.1	7.1	6.7	7.1	6.9	7.3	6.8				
26	7.2	6.7	7.3	6.7	7.2	7.1	7.1	6.8	7.5	6.9	7.3	6.9				
27	7.4	6.7	7.3	6.7	7.2	7.0	7.0	6.7	7.4	7.0	7.4	6.8				
28	7.4	6.9	7.2	6.6	7.2	7.1	6.8	6.6	7.2	7.1	7.4	6.9				
29	7.3	7.0	7.6	7.1	7.2	7.0	7.0	6.8	---	---	7.1	6.9				
30	7.4	7.0	7.5	6.9	7.2	7.0	7.1	6.7	---	---	7.1	6.9				
31	7.4	6.9	---	---	7.1	7.0	7.3	6.7	---	---	7.0	6.8				
MONTH	7.7	6.3	8.1	6.5	8.0	6.7	7.4	6.6	7.9	6.8	7.7	6.6				
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN				
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER					
1	7.0	6.8	8.5	7.2	7.4	6.8	6.9	6.3	---	---	7.9	6.2				
2	7.1	6.7	9.1	7.2	7.6	6.8	7.7	6.3	8.1	6.0	7.8	6.2				
3	7.2	6.9	9.2	7.2	7.0	6.7	7.4	6.3	8.0	6.0	8.1	6.3				
4	7.0	6.9	9.0	7.1	7.5	6.7	7.2	6.2	7.0	6.0	7.7	6.2				
5	7.1	6.9	7.2	7.1	8.4	6.7	7.3	6.2	6.9	6.2	7.8	6.3				
6	7.0	6.9	8.5	7.1	8.3	6.8	7.5	6.4	6.7	6.1	8.1	7.2				
7	7.2	6.9	8.2	7.2	8.3	6.8	7.1	6.3	7.0	6.2	7.8	7.2				
8	7.2	6.9	7.5	7.1	8.1	6.6	7.2	6.2	7.8	6.2	7.7	7.0				
9	7.3	6.9	7.5	7.1	8.0	6.6	7.3	6.2	7.7	6.3	7.6	7.0				
10	7.1	6.8	7.3	7.0	8.6	6.7	7.1	6.2	7.7	6.2	7.6	7.0				
11	7.2	6.8	8.3	7.0	8.4	6.7	7.4	6.1	7.9	6.3	7.4	6.8				
12	7.3	7.0	7.5	7.1	8.2	6.7	7.3	6.1	8.6	6.3	7.2	6.8				
13	7.5	7.1	7.7	7.2	8.2	6.2	7.2	6.2	7.4	6.1	7.2	6.8				
14	7.5	6.9	8.6	7.2	8.0	6.2	7.3	6.4	8.1	6.2	7.1	6.8				
15	7.6	6.9	8.0	7.2	8.2	6.3	7.3	6.1	7.0	6.3	7.1	6.7				
16	8.0	7.0	7.7	7.2	8.1	6.2	7.4	6.1	6.8	6.3	7.0	6.8				
17	7.5	7.0	7.5	7.2	8.0	6.3	7.4	5.9	7.2	6.3	7.1	6.8				
18	7.6	7.2	8.7	7.2	7.6	6.2	7.4	5.8	8.1	6.3	7.1	6.8				
19	7.7	7.3	8.4	7.1	8.5	6.3	8.0	6.0	7.6	6.2	7.1	6.7				
20	7.4	6.9	7.3	7.1	8.5	6.3	8.5	6.4	6.8	6.1	7.0	6.7				
21	7.2	7.0	7.7	7.1	8.6	6.2	8.1	6.3	7.8	6.2	7.0	6.7				
22	7.5	7.1	8.1	7.0	8.0	6.3	7.6	6.5	6.8	6.2	7.0	6.6				
23	7.6	7.1	8.4	7.2	6.5	6.2	8.4	6.4	7.2	6.2	6.8	6.3				
24	7.4	7.1	8.0	7.1	8.3	6.3	8.5	6.5	7.6	6.2	6.8	6.5				
25	7.6	7.2	8.0	7.0	8.3	6.5	8.3	6.6	6.8	6.3	7.0	6.6				
26	7.6	7.1	7.5	6.9	8.6	6.5	8.2	6.6	8.3	6.3	7.0	6.3				
27	7.6	7.3	8.3	7.0	8.6	6.5	7.7	6.7	7.9	6.3	6.7	6.2				
28	7.6	7.3	8.2	7.0	8.4	6.5	---	---	7.4	6.2	7.5	6.4				
29	8.2	7.5	7.8	6.9	7.9	6.4	---	---	7.2	6.1	6.7	6.5				
30	7.6	7.2	7.7	6.9	8.2	6.3	---	---	7.8	6.2	6.7	6.5				
31	---	---	7.6	6.7	---	---	---	---	7.2	6.2	---	---				
MONTH	8.2	6.7	9.2	6.7	8.6	6.2	8.5	5.8	8.6	6.0	8.1	6.2				
YEAR	9.2	5.8														

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	24.0	21.0	23.0	20.5	17.0	19.0	16.0	10.5	14.5	8.0	5.5	7.5
2	24.5	20.0	23.5	20.0	18.5	19.5	15.5	10.0	14.5	8.5	7.0	8.0
3	26.0	20.0	24.0	19.5	16.5	19.0	15.0	9.0	13.5	10.5	7.0	8.5
4	25.5	23.0	24.5	19.5	18.0	19.0	14.5	9.5	14.0	8.5	6.5	8.0
5	24.0	19.5	23.0	20.0	16.5	18.5	14.0	9.0	13.0	11.5	7.0	9.0
6	23.5	19.0	22.5	19.0	16.0	18.5	14.0	13.0	14.0	11.5	7.5	10.0
7	24.5	19.5	22.5	18.5	15.0	18.0	14.0	9.5	13.0	11.5	8.5	10.0
8	25.0	21.5	23.5	18.5	16.5	18.0	14.5	7.5	13.0	11.0	8.5	9.5
9	24.0	20.0	23.0	18.5	15.5	18.0	13.5	7.5	12.0	9.0	8.0	8.5
10	23.0	19.5	22.5	18.5	16.0	18.0	13.0	7.0	11.5	9.0	8.0	8.5
11	23.0	19.0	22.0	18.5	17.0	18.0	12.5	5.5	11.0	9.0	8.0	8.5
12	23.0	19.0	22.0	19.5	15.5	18.5	12.5	6.5	11.5	8.5	8.0	8.0
13	23.0	19.5	22.0	19.5	16.5	18.5	12.5	12.0	12.5	10.0	8.5	8.5
14	23.0	21.0	22.5	19.5	15.5	18.0	12.0	7.0	11.5	9.0	7.0	8.5
15	23.0	19.0	22.0	18.5	15.5	18.5	12.0	7.0	11.0	9.0	6.5	8.5
16	23.5	19.5	22.0	17.5	16.5	17.5	11.5	6.0	10.5	10.5	7.0	9.0
17	22.0	21.0	22.0	18.5	15.5	17.5	11.5	11.0	11.5	9.5	8.0	9.0
18	22.5	21.5	22.0	17.5	17.5	17.5	11.5	6.5	10.5	11.0	8.0	9.5
19	22.0	21.0	21.5	17.0	15.5	17.0	11.5	4.0	10.0	12.5	8.5	10.5
20	21.0	19.5	21.0	17.0	14.0	16.5	11.5	6.5	10.0	12.0	9.0	11.0
21	20.5	16.5	19.5	17.0	12.5	16.5	10.5	6.0	9.0	10.5	8.5	9.0
22	22.0	17.5	20.0	17.0	15.5	17.0	10.0	6.0	9.5	10.5	9.0	9.5
23	21.0	17.0	20.0	16.5	9.5	15.0	9.5	7.0	8.5	11.0	10.0	10.5
24	20.5	16.0	19.5	16.5	16.0	16.5	8.5	2.0	7.0	12.0	9.5	10.5
25	20.0	14.5	19.0	16.5	16.0	16.0	8.5	3.5	8.0	12.0	9.0	10.0
26	20.0	14.5	19.5	16.0	7.5	14.5	8.0	2.0	6.5	10.5	9.0	9.5
27	20.0	17.0	19.0	16.0	9.5	15.0	8.5	8.0	8.0	11.0	9.0	10.5
28	20.0	15.5	19.0	16.0	14.0	15.5	9.0	3.5	7.5	11.5	10.0	11.5
29	20.0	16.5	19.5	16.5	10.5	14.5	8.5	5.5	8.0	11.0	8.5	10.0
30	20.5	15.0	19.0	16.0	13.5	15.5	9.0	5.5	8.0	12.0	9.0	10.5
31	20.5	17.0	19.0	---	---	---	8.5	5.0	7.0	13.0	10.5	12.0
MONTH	26.0	14.5	21.5	20.5	7.5	17.5	16.0	2.0	10.5	13.0	5.5	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	14.5	10.5	12.5	14.0	12.5	13.0	16.0	14.0	15.0	21.0	17.5	19.0
2	12.0	9.0	11.0	13.5	10.0	12.5	16.5	14.0	15.0	23.5	17.5	19.5
3	13.0	9.5	11.0	13.5	12.5	13.0	16.0	14.5	15.5	23.5	17.5	20.5
4	11.0	9.0	10.0	14.5	11.5	13.0	16.0	14.0	15.0	22.5	17.0	19.0
5	13.0	10.5	12.5	16.5	11.0	13.5	15.5	14.5	15.0	21.5	17.5	18.5
6	12.5	11.0	12.0	15.0	12.0	14.0	15.5	14.0	14.5	21.0	19.0	20.5
7	13.5	10.5	12.0	15.0	13.5	14.0	16.5	15.0	15.5	21.5	18.5	20.0
8	14.0	11.5	13.0	14.5	12.0	13.5	16.0	15.0	15.5	20.0	18.0	19.5
9	14.5	11.5	13.0	13.5	11.0	12.5	16.0	14.5	15.5	20.5	18.5	19.5
10	12.5	10.0	11.5	13.5	10.5	12.5	15.0	14.0	14.5	20.0	17.5	18.5
11	14.5	11.5	13.0	13.0	12.0	13.0	15.5	15.0	15.0	21.5	18.5	19.5
12	14.5	12.0	13.5	16.0	12.5	14.0	17.0	15.0	15.5	20.0	19.0	19.5
13	14.0	11.0	12.5	15.0	13.0	14.5	17.5	15.0	16.0	20.0	19.0	19.5
14	13.5	10.5	12.5	15.5	12.0	14.0	16.0	15.0	15.5	23.5	19.5	20.5
15	13.5	11.0	12.5	18.0	13.0	16.0	18.0	15.0	16.0	21.5	19.5	20.5
16	14.0	11.0	12.5	18.5	12.0	14.5	17.5	15.5	17.0	22.5	19.0	20.0
17	15.5	14.0	15.0	16.5	13.0	14.5	17.5	15.0	16.0	22.5	19.0	20.5
18	15.0	15.0	15.0	18.0	13.5	17.0	18.5	16.0	17.0	23.0	20.5	21.5
19	15.0	14.0	14.5	17.0	15.0	16.0	17.5	16.5	17.0	22.0	20.0	21.0
20	15.5	13.5	14.5	16.0	14.5	15.5	17.0	16.5	16.5	22.0	20.0	20.5
21	15.0	13.0	14.5	16.0	14.0	15.5	17.0	15.5	16.0	22.0	20.0	21.0
22	14.5	12.0	13.5	15.5	13.0	14.5	18.5	16.0	17.0	22.5	20.0	21.5
23	13.5	11.5	12.0	16.0	13.0	15.0	20.5	16.0	17.5	24.5	21.5	22.5
24	12.5	10.0	11.5	16.5	14.0	15.5	19.0	16.0	17.5	22.0	20.0	21.5
25	13.5	11.0	12.5	19.0	14.5	16.5	19.0	16.0	17.0	24.0	21.0	21.5
26	14.5	10.0	12.5	17.5	15.5	17.0	20.0	16.5	17.5	22.5	20.5	21.0
27	12.5	9.0	11.5	18.0	14.5	16.5	21.0	16.5	18.0	24.5	21.0	22.5
28	13.0	12.0	12.0	17.0	14.5	16.0	21.0	16.0	17.5	23.5	21.5	23.0
29	---	---	---	16.0	14.5	15.5	20.0	17.5	19.0	24.0	21.0	22.5
30	---	---	---	15.5	13.5	15.0	19.5	17.0	18.0	25.0	22.0	23.5
31	---	---	---	17.0	12.5	15.0	---	---	---	23.5	21.5	22.5
MONTH	15.5	9.0	12.5	19.0	10.0	14.5	21.0	14.0	16.5	25.0	17.0	20.5

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	9.1	7.9	8.5	10.9	9.2	9.6	12.6	10.8	11.3
2	---	---	---	8.9	8.2	8.6	10.9	8.9	9.3	11.7	10.7	11.0
3	---	---	---	9.1	8.2	8.6	11.4	9.3	9.8	11.4	10.7	10.9
4	---	---	---	8.6	8.2	8.4	11.2	9.2	9.6	11.8	10.7	10.9
5	---	---	---	8.9	8.1	8.4	11.0	9.2	9.8	11.7	10.7	10.9
6	---	---	---	9.1	7.9	8.2	10.1	9.0	9.4	11.5	10.7	11.0
7	---	---	---	9.2	7.9	8.2	11.0	9.2	9.7	11.3	10.9	11.1
8	---	---	---	9.1	7.7	8.0	12.0	9.5	10.0	11.1	10.6	10.9
9	---	---	---	9.0	7.7	8.1	11.3	9.6	10.0	11.0	10.6	10.8
10	---	---	---	9.0	8.1	8.3	11.4	9.6	10.1	11.3	10.6	10.8
11	---	---	---	8.5	8.2	8.3	12.0	9.5	10.0	11.3	10.5	10.8
12	---	---	---	9.2	8.2	8.5	11.9	9.5	10.0	11.2	10.6	10.8
13	8.4	7.3	7.7	9.1	8.2	8.5	9.7	9.5	9.6	11.0	10.7	10.8
14	8.4	7.4	7.9	10.5	8.2	9.2	11.9	9.0	9.7	11.3	10.7	10.9
15	8.4	7.1	7.6	9.3	8.0	8.3	11.9	9.5	9.9	11.7	10.7	10.9
16	8.3	6.8	7.5	8.7	7.8	8.1	12.0	9.7	10.2	11.7	10.7	11.0
17	7.9	7.0	7.2	8.9	8.1	8.4	10.0	9.8	9.9	11.2	10.7	10.9
18	7.5	6.8	7.1	8.2	8.1	8.1	11.8	9.8	10.2	11.5	10.8	11.0
19	7.8	6.8	7.2	8.5	8.2	8.3	12.6	9.9	10.3	11.5	10.9	11.1
20	7.9	6.8	7.2	9.1	8.2	8.4	12.8	9.9	10.5	11.1	10.5	10.9
21	8.4	7.2	7.5	9.9	8.4	8.6	11.8	9.9	10.8	10.8	10.4	10.5
22	8.6	7.3	7.6	8.9	8.5	8.6	11.7	10.0	10.4	10.8	10.3	10.5
23	8.4	7.3	7.8	10.7	8.5	9.1	11.4	10.4	10.7	10.9	10.6	10.8
24	9.1	7.6	8.2	8.9	8.5	8.7	12.8	10.5	11.2	10.9	10.4	10.7
25	9.5	7.6	8.2	8.8	8.5	8.6	12.7	10.5	10.9	10.7	10.3	10.5
26	9.6	7.7	8.1	11.4	8.6	9.2	13.0	10.6	11.3	10.7	10.3	10.5
27	8.8	7.8	8.1	11.1	8.4	8.9	10.9	10.6	10.7	11.2	10.5	10.7
28	9.2	7.8	8.2	9.4	8.5	8.6	13.4	10.5	11.0	10.7	10.4	10.5
29	9.2	8.1	8.4	11.1	8.9	9.6	11.9	10.5	10.8	11.2	10.2	10.6
30	9.8	8.3	8.8	9.6	9.1	9.2	11.9	10.4	10.7	10.8	10.5	10.6
31	9.4	7.9	8.3	---	---	---	12.5	10.5	11.2	10.7	10.4	10.6
MONTH	9.8	6.8	7.8	11.4	7.7	8.5	13.4	8.9	10.2	12.6	10.2	10.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.2	10.3	10.7	10.2	9.8	10.1	9.2	8.5	8.8	11.0	8.5	9.8
2	11.1	10.3	10.6	10.8	10.0	10.2	9.4	8.3	8.8	12.8	8.0	10.0
3	11.0	10.2	10.6	10.1	9.8	10.0	9.3	8.4	8.9	13.2	8.4	10.4
4	10.7	10.1	10.3	10.3	9.9	10.1	8.9	8.3	8.5	11.9	8.1	9.2
5	10.6	10.1	10.4	10.4	10.0	10.3	8.6	7.9	8.3	8.9	6.9	8.5
6	10.6	10.0	10.4	10.7	9.9	10.2	8.5	7.8	8.1	10.5	8.3	9.3
7	10.8	9.9	10.3	10.5	10.1	10.3	9.0	8.4	8.7	10.2	8.2	9.3
8	11.3	10.3	10.8	10.4	10.0	10.2	9.0	8.3	8.7	9.3	7.5	8.8
9	11.3	10.3	10.7	10.4	9.7	10.1	8.9	8.2	8.5	9.7	8.3	8.9
10	10.5	9.9	10.2	10.5	9.7	10.1	8.8	7.7	8.2	9.3	7.3	8.2
11	10.3	9.8	10.1	10.5	9.7	10.0	8.5	7.9	8.2	10.2	7.6	9.3
12	10.7	10.0	10.3	10.7	8.9	10.0	9.0	8.0	8.4	9.9	7.9	9.0
13	10.6	9.8	10.1	10.8	9.2	10.0	9.6	8.2	8.9	9.7	7.2	8.8
14	10.6	10.0	10.1	10.7	8.9	9.7	9.2	8.1	8.4	10.9	7.7	9.7
15	10.6	9.7	10.1	10.8	8.7	10.0	9.2	7.8	8.5	10.2	6.9	9.1
16	10.3	9.6	10.0	9.6	8.6	9.1	9.8	7.9	9.1	9.3	6.5	8.5
17	10.5	10.0	10.2	9.5	9.2	9.3	8.9	7.0	8.2	9.2	6.1	8.4
18	10.3	10.0	10.1	9.7	8.2	9.2	8.9	6.9	8.2	10.4	6.1	8.8
19	10.1	9.8	9.9	9.7	8.7	9.1	8.9	7.9	8.5	10.1	6.7	8.5
20	10.3	9.7	10.0	9.4	9.0	9.2	8.3	7.3	8.0	8.5	5.9	7.7
21	10.2	9.8	10.0	9.5	9.0	9.2	7.8	7.3	7.6	8.6	5.6	7.6
22	10.1	9.4	9.8	9.7	8.8	9.1	8.7	7.6	8.2	9.6	5.2	7.8
23	10.0	9.3	9.6	9.8	9.1	9.4	9.1	7.3	8.1	9.5	6.5	8.2
24	9.6	9.0	9.4	9.9	8.6	9.3	9.5	7.3	7.9	8.6	5.9	7.9
25	10.2	9.6	9.9	10.1	9.0	9.6	8.5	7.3	7.6	8.8	5.7	7.6
26	10.4	9.7	9.9	10.0	9.0	9.7	9.2	6.7	7.8	8.0	4.9	6.6
27	10.9	9.8	10.1	10.1	9.0	9.5	8.8	6.8	7.8	9.1	5.4	7.5
28	10.1	9.8	10.0	10.0	9.0	9.5	8.9	6.6	7.9	8.0	5.5	6.9
29	---	---	---	9.4	9.1	9.3	11.5	7.5	9.3	7.3	4.1	6.2
30	---	---	---	9.2	9.0	9.1	9.6	7.3	8.7	7.1	5.2	6.4
31	---	---	---	9.4	8.7	9.1	---	---	---	8.3	5.0	6.7
MONTH	11.3	9.0	10.2	10.8	8.2	9.7	11.5	6.6	8.4	13.2	4.1	8.4

SANTÉE RIVER BASIN

02160990 PARR SHOALS RESERVOIR AT PARR, SC

LOCATION.--Lat 3°15'40'', long 81°19'55'', Fairfield County, Hydrologic Unit 03050106, at Parr Shoals Dam, on Broad River 100 ft from left edge, 2.5 mi west of Jenkinsville and at mile 201.6.

DRAINAGE AREA.--4,750 mi² (from Federal Power Commission).

PERIOD OF RECORD.--October 1985 to current year. Records prior to 1985 Water Year are in the files of the U. S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 200.00 ft above National Geodetic Vertical Datum 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, (NGVD) 1,850 acres. Maximum power pool is 266 ft, (NGVD) 4,400 acres. Reservoir water is used for cooling of nearby fossil-electric plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 266.98 ft, July 8, 1988; minimum, 254.65 ft, Aug. 21, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 266.65 ft, May 3; minimum, 255.85 ft, Nov. 2.

Capacity Table (elevation, in feet NGVD),
and usable contents (in billions of gal)

255.0	0.57
260.0	3.30
265.0	9.00
270.0	16.8
271.0	18.4

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	260.67	259.65	262.66	262.06	264.50	262.79	260.86	264.71	262.82	263.01	262.60	263.89
2	262.19	261.28	261.75	263.93	264.28	262.73	260.62	265.01	262.60	261.05	263.33	265.50
3	262.08	260.55	259.41	262.56	263.50	263.26	260.96	265.97	260.41	262.50	263.15	264.40
4	259.60	260.34	262.96	261.63	261.61	262.09	260.69	265.75	263.46	262.69	263.98	264.34
5	259.77	260.09	262.15	261.43	262.79	261.85	260.35	265.20	260.38	264.14	262.15	264.52
6	261.31	261.43	262.39	262.39	264.13	261.52	259.30	263.79	263.18	262.27	261.21	264.92
7	264.51	260.44	260.56	261.86	264.46	262.40	260.16	263.28	265.41	262.09	260.88	264.06
8	263.43	261.05	263.93	261.76	264.11	262.51	260.70	262.48	263.64	263.55	260.62	262.96
9	262.58	262.24	264.52	262.10	263.97	262.69	262.60	262.21	263.65	263.52	260.09	260.34
10	262.48	262.37	264.46	260.69	264.06	262.16	260.61	262.01	261.94	263.89	260.70	263.78
11	261.93	261.24	261.92	261.77	261.71	260.78	259.85	263.98	263.11	263.62	262.02	263.09
12	261.86	260.31	260.06	263.35	261.28	260.50	261.61	263.90	261.96	263.33	260.70	262.55
13	262.64	260.48	261.15	263.67	261.03	261.47	261.39	264.12	262.11	264.92	262.49	261.45
14	264.85	258.89	260.29	262.11	261.07	262.84	261.41	264.61	264.95	263.64	264.13	261.23
15	264.94	259.61	261.38	262.82	262.11	263.78	260.95	262.54	263.11	263.11	264.01	263.28
16	264.21	259.50	259.56	262.49	261.44	262.04	261.29	262.12	261.44	262.55	263.05	260.69
17	265.01	260.57	259.48	261.43	260.43	260.04	262.52	261.95	261.36	263.89	262.69	260.81
18	262.60	263.00	260.91	261.98	260.45	260.08	261.90	262.26	264.41	262.11	264.07	260.93
19	262.53	263.77	262.09	263.73	260.80	260.32	263.06	261.25	264.10	262.39	264.06	262.28
20	264.16	262.96	263.05	262.95	260.44	259.29	263.37	261.69	262.52	262.13	263.17	265.09
21	261.22	262.51	262.35	262.69	259.34	259.65	262.55	262.35	265.15	262.37	263.57	261.48
22	263.04	262.12	262.44	264.65	258.69	260.67	262.12	261.80	262.42	262.02	261.60	263.58
23	262.43	259.25	263.64	263.93	260.08	260.67	262.20	261.81	261.36	265.22	263.06	260.09
24	260.89	261.20	259.72	261.59	262.32	262.56	260.71	264.42	262.21	264.72	262.69	261.07
25	259.44	262.03	260.50	260.80	261.43	261.11	264.71	265.20	262.80	262.10	263.45	261.01
26	260.66	261.52	260.88	264.22	263.17	260.79	262.02	264.93	262.28	261.22	263.26	260.72
27	261.07	262.23	262.59	264.21	262.35	260.68	261.76	264.22	263.85	260.98	264.92	261.54
28	262.13	260.61	261.92	262.93	263.02	260.97	260.95	262.41	264.46	262.50	264.97	259.34
29	261.78	260.86	264.22	262.06	---	260.82	260.51	264.48	264.94	262.06	263.48	259.46
30	261.42	262.39	265.60	262.59	---	260.81	261.82	263.81	265.11	261.50	262.51	260.12
31	261.14	---	263.10	264.02	---	260.52	---	263.52	---	263.66	263.55	---
MAX	265.01	263.77	265.60	264.65	264.50	263.78	264.71	265.97	265.41	265.22	264.97	265.50
MIN	259.44	258.89	259.41	260.69	258.69	259.29	259.30	261.25	260.38	260.98	260.09	259.34
[+]	4.44	5.77	6.62	7.73	6.52	3.82	5.12	7.12	9.15	7.29	7.16	3.42
[*]	-227	68.6	42.4	55.4	-66.9	-135	67.0	99.8	105	-92.8	-6.50	-193

CAL YR 1989 * 15.2 MAX 266.52 MIN 258.35

WTR YR 1990 * - 23.6 MAX 265.97 MIN 258.69

[+] CONTENTS, IN BILLIONS OF GALLONS, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

Santee River Basin

153

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°15'38'', long 81°19'50'', Fairfield County, Hydrologic Unit 03050106, in power house of dam, 0.3 mi upstream from Mayo Creek, 2.5 mi west of Jenkinsville, and at mile 201.4.

DRAINAGE AREA.--4,750 mi², approximately.

PERIOD OF RECORD.--October 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Regulated by flow from Parr Shoals Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 238.58 ft, Oct. 3, 1989; minimum, 219.36 ft, Oct. 13, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 238.58 ft, Oct. 3; minimum, 219.36 ft, Oct. 13.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	231.84	223.13	226.32	222.62	222.44	222.53	223.25	220.90	222.29	223.29	223.18	223.23
2	237.10	231.47	234.35	222.66	219.45	220.94	223.31	223.16	223.22	223.98	222.16	223.36
3	238.58	235.64	237.49	222.59	220.87	221.96	223.31	222.06	222.79	226.17	223.20	223.54
4	236.24	227.96	232.12	222.65	222.44	222.54	223.32	221.02	222.76	223.70	223.38	223.49
5	228.47	223.72	226.39	222.58	221.51	221.62	221.69	220.94	221.04	225.43	223.37	223.59
6	225.43	222.33	223.81	222.88	219.53	221.25	222.47	221.61	222.07	223.54	223.19	223.36
7	222.98	221.14	221.88	222.60	221.60	222.39	223.32	222.37	222.90	223.38	223.20	223.28
8	223.26	221.39	222.52	222.92	221.01	222.01	223.51	222.69	223.34	224.92	223.20	224.02
9	223.28	221.35	223.03	222.12	220.97	221.70	225.24	223.35	224.03	225.59	223.14	224.55
10	223.26	220.02	223.07	222.16	220.81	222.04	225.43	223.46	224.41	225.27	223.39	224.48
11	---	---	---	222.48	221.95	222.17	225.65	222.82	224.81	224.14	221.95	223.33
12	---	---	---	222.58	222.38	222.49	224.81	223.41	223.77	223.33	222.24	223.20
13	223.17	219.36	220.92	222.61	219.54	222.10	227.60	223.50	225.27	223.64	223.12	223.38
14	222.55	220.78	221.78	222.52	220.88	222.40	227.64	224.68	226.40	223.54	223.16	223.27
15	222.55	220.77	221.87	221.56	219.47	220.95	225.74	222.50	224.39	223.24	219.93	222.96
16	223.32	219.58	221.56	223.01	221.51	222.42	225.06	222.68	224.07	223.24	222.80	223.03
17	223.29	219.47	221.44	223.03	219.91	222.84	223.51	223.32	223.42	223.30	223.14	223.22
18	223.19	219.51	222.34	222.96	222.82	222.89	223.51	221.57	223.33	223.29	222.52	223.06
19	223.29	221.30	223.07	222.91	222.76	222.82	223.52	222.51	223.38	223.27	221.05	223.00
20	223.24	219.50	222.59	223.23	222.73	222.92	223.51	223.03	223.40	223.26	223.09	223.18
21	223.28	223.01	223.19	223.33	219.88	223.12	223.48	222.22	223.25	223.37	223.19	223.27
22	223.27	222.48	222.87	223.26	223.14	223.20	223.26	222.43	222.83	223.33	222.32	223.21
23	222.57	220.78	221.65	223.36	223.13	223.27	222.78	222.36	222.49	226.83	223.16	224.35
24	222.56	222.32	222.45	223.38	223.23	223.31	222.63	222.43	222.55	225.30	223.57	224.10
25	222.60	222.38	222.52	223.42	223.20	223.27	222.63	222.48	222.56	223.65	222.53	223.40
26	222.62	222.39	222.51	223.34	223.23	223.28	222.65	222.48	222.57	225.31	222.24	224.05
27	223.00	220.15	222.53	223.35	220.81	223.03	222.64	222.37	222.48	225.17	224.27	224.71
28	221.12	220.94	221.02	223.42	220.23	223.24	222.52	222.40	222.47	225.01	223.94	224.50
29	222.48	220.95	221.50	223.36	219.48	221.51	222.54	222.42	222.48	224.45	223.44	223.75
30	222.61	222.37	222.49	222.01	220.87	221.43	222.53	222.37	222.47	223.56	223.17	223.35
31	222.61	219.68	222.41	---	---	---	223.26	222.38	222.77	223.37	223.16	223.22
MONTH	238.58	219.36	223.85	223.42	219.45	222.39	227.64	220.90	223.23	226.83	219.93	223.56

SANTÉE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE. SC--Continued

ELEVATION (FEET NGVD). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	225.54	223.08	223.58	226.79	223.37	223.84	224.72	223.47	223.97	223.36	221.10	222.45
2	223.96	222.44	223.55	223.62	223.12	223.39	224.19	223.20	223.67	223.27	221.52	222.54
3	223.91	223.44	223.59	227.34	223.50	224.11	224.24	223.18	223.74	224.05	223.08	223.28
4	223.65	223.24	223.45	227.44	225.68	226.41	223.97	219.79	223.48	225.69	223.07	223.39
5	223.38	221.46	223.24	225.70	223.82	225.14	223.96	223.28	223.68	223.28	223.04	223.15
6	223.67	223.19	223.47	225.57	224.54	225.29	223.55	221.42	223.37	223.21	223.10	223.16
7	223.90	223.07	223.53	225.81	223.28	224.36	223.43	223.27	223.36	223.32	221.67	223.16
8	223.82	223.49	223.59	224.23	222.56	223.32	223.38	223.26	223.32	223.26	222.90	223.19
9	223.74	222.25	223.53	223.76	219.85	223.19	223.36	222.15	223.12	223.31	223.14	223.24
10	227.86	223.47	225.24	224.46	223.25	223.97	223.37	223.12	223.27	223.32	222.02	223.16
11	228.78	225.33	227.32	224.22	223.76	223.97	223.63	219.49	222.85	224.15	221.91	223.25
12	228.00	224.93	226.76	223.86	219.98	223.14	223.38	223.25	223.32	223.29	223.17	223.24
13	225.06	223.92	224.68	223.25	222.76	223.17	223.39	223.27	223.32	223.29	223.14	223.22
14	224.00	220.33	223.16	223.21	220.01	223.04	223.35	223.24	223.30	223.31	223.04	223.20
15	223.54	222.85	222.99	223.64	222.26	223.10	223.36	223.26	223.30	223.39	221.82	223.24
16	225.36	222.48	223.56	225.86	223.06	224.14	223.37	221.89	223.19	223.42	223.18	223.32
17	231.08	226.09	229.14	225.14	223.59	224.18	223.34	222.87	223.24	223.40	221.17	223.22
18	232.46	231.13	231.87	229.93	224.18	227.17	223.35	223.22	223.28	223.31	222.24	222.94
19	233.07	231.07	232.09	231.78	229.17	230.86	224.68	223.11	223.22	222.94	221.62	222.46
20	232.66	230.86	231.76	230.75	227.10	228.53	223.21	223.11	223.16	222.65	221.59	222.41
21	231.09	227.30	228.87	228.93	223.21	226.65	223.30	223.12	223.22	222.44	220.94	221.94
22	227.18	224.23	225.30	224.01	221.56	223.18	223.25	223.13	223.20	222.43	222.25	222.35
23	226.53	222.86	224.68	223.90	222.82	223.42	224.13	222.75	223.18	223.23	221.90	222.59
24	227.01	223.09	225.50	224.47	223.24	223.87	223.26	223.06	223.16	224.75	222.01	222.76
25	225.56	223.05	223.95	224.02	223.21	223.58	223.32	221.39	223.12	222.83	221.52	222.31
26	226.64	223.17	224.13	226.05	222.18	223.53	223.30	221.28	222.48	222.87	222.72	222.78
27	223.76	221.84	223.17	224.57	222.72	223.50	223.41	222.05	223.23	222.82	221.97	222.25
28	223.94	223.27	223.64	224.27	222.52	223.46	223.37	222.83	223.07	222.48	221.95	222.15
29	---	---	---	224.27	222.07	223.48	223.05	222.82	222.94	223.27	222.34	222.71
30	---	---	---	224.49	223.13	223.85	223.39	222.89	223.20	224.22	223.10	223.39
31	---	---	---	224.08	223.01	223.33	---	---	---	223.41	223.16	223.25
MONTH	233.07	220.33	225.33	231.78	219.85	224.39	224.72	219.49	223.27	225.69	220.94	222.89
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	225.56	222.63	223.26	220.90	220.77	220.81	223.50	220.85	221.42	221.51	221.41	221.47
2	223.26	222.42	222.75	222.54	220.80	221.95	220.88	220.76	220.82	223.22	221.43	222.31
3	222.55	222.42	222.50	222.51	221.40	221.92	222.08	220.79	221.26	223.29	223.03	223.21
4	223.31	221.08	222.41	221.53	221.37	221.44	220.89	220.76	220.85	223.30	223.09	223.21
5	222.60	220.24	221.31	221.53	220.79	221.41	221.94	220.79	221.02	223.36	220.82	222.75
6	222.10	219.57	221.44	220.90	219.92	220.83	222.03	221.90	221.97	223.30	220.78	221.60
7	223.90	219.75	222.36	220.89	220.79	220.84	222.05	221.96	222.00	220.99	220.82	220.88
8	222.39	219.57	221.46	220.86	220.77	220.82	222.05	221.90	221.99	221.08	220.88	220.96
9	222.80	220.88	221.88	222.43	220.79	221.54	222.02	221.92	221.98	222.97	220.86	222.29
10	222.87	221.57	222.74	222.07	220.77	221.29	222.07	220.86	221.74	222.96	220.74	221.54
11	222.71	221.52	222.22	220.88	220.78	220.83	220.90	220.85	220.87	222.03	220.72	221.35
12	222.63	221.50	222.30	221.96	220.79	220.93	220.90	220.82	220.86	222.02	220.74	221.09
13	222.85	222.43	222.53	220.89	220.80	220.84	220.93	220.81	220.87	222.54	220.73	221.88
14	222.64	220.91	222.49	222.47	220.79	221.91	220.93	220.80	220.86	223.33	222.23	222.88
15	222.66	219.55	221.50	222.46	222.33	222.40	221.61	220.80	221.26	223.32	220.77	222.30
16	221.67	220.87	221.32	222.77	222.34	222.47	221.51	219.93	221.08	220.83	220.74	220.78
17	221.71	221.55	221.62	222.87	219.57	221.82	220.88	220.81	220.85	220.87	220.73	220.80
18	222.63	220.94	222.10	222.97	222.71	222.88	221.94	220.81	221.18	220.80	220.74	220.77
19	222.44	220.86	221.85	222.99	221.00	222.47	222.02	220.80	221.06	220.80	220.74	220.76
20	222.36	220.81	221.62	222.08	220.94	221.40	222.03	220.79	221.53	223.98	220.71	221.77
21	222.59	220.84	221.62	222.54	221.48	221.96	222.07	220.81	221.52	223.12	220.81	221.49
22	222.57	220.85	221.86	222.53	221.47	221.97	222.02	220.81	221.42	222.06	220.82	221.17
23	222.61	221.03	222.44	222.63	221.02	221.67	222.02	221.93	221.97	220.89	220.76	220.86
24	221.07	220.94	221.01	222.89	221.43	222.18	223.00	221.92	222.54	220.90	220.86	220.87
25	222.18	219.60	221.61	222.62	220.14	222.04	222.99	221.44	222.63	222.38	220.86	221.42
26	222.20	221.95	222.08	222.79	221.60	222.47	222.87	220.84	222.15	222.02	221.93	221.97
27	222.78	220.82	222.07	222.62	221.51	221.97	226.14	219.62	222.00	222.02	220.78	221.69
28	222.59	220.78	221.08	221.69	220.84	221.17	225.60	220.75	222.01	220.84	220.73	220.80
29	222.30	219.68	221.01	222.18	220.85	221.49	223.26	220.82	222.00	220.82	220.75	220.78
30	222.47	220.76	221.08	222.15	221.96	222.09	223.30	220.79	221.58	220.81	220.75	220.78
31	---	---	---	222.12	221.33	221.52	221.52	220.79	221.21	---	---	---
MONTH	225.56	219.55	221.92	222.99	219.57	221.66	226.14	219.62	221.50	223.98	220.71	221.55
YEAR	238.58	219.36	222.94									

SANTÉE RIVER BASIN

155

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 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.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 162 microsiemens, Sept. 5, 1987; minimum, 30 microsiemens, Mar. 30, 1980, and Aug. 21, 1986.

pH: Maximum, 8.3 units, July 24, 1977; minimum, 5.0 units, July 13, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975, July 25, 1976, July 11, 16, 1977, and several days in July 1986; minimum, 0.5°C, Jan. 19-21, 1977, Jan. 11, 1988.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, several days in Jan. 1988; minimum, 2.9 mg/L, July 2, 14-15, 1981.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 144 microsiemens Sept. 27; minimum, 38 microsiemens, Mar. 19.

pH: Maximum, 8.1 units, May 23, 24; minimum 6.1 units, Apr. 26.

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 26 - 28, Sept. 2; minimum, 1.0°C, Dec. 25.

DISSOLVED OXYGEN: Maximum, 13.8 mg/L, Dec/ 25, 28, 29; minimum, 4.5 mg/L, Aug. 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	100	69	92	108	98	102	94	91	93	91	77	86
2	69	53	57	106	100	102	94	91	93	92	80	87
3	58	54	56	107	101	103	99	94	96	87	70	80
4	58	55	57	106	102	104	101	98	99	77	68	70
5	71	52	63	105	101	103	101	99	99	89	69	76
6	82	62	70	105	102	104	101	99	100	82	72	74
7	91	71	78	112	101	104	104	100	103	90	80	84
8	93	74	87	112	101	105	103	99	101	89	79	84
9	88	74	82	109	103	105	99	90	95	88	71	77
10	92	78	86	109	101	104	91	78	81	84	66	70
11	94	82	87	106	100	102	87	75	79	77	67	70
12	97	83	92	107	103	106	80	72	75	80	69	72
13	97	90	94	107	102	104	80	71	74	84	74	77
14	95	92	93	109	100	103	87	66	70	81	76	78
15	97	95	96	107	102	104	72	62	66	82	77	80
16	98	95	97	122	107	113	82	64	71	88	82	85
17	101	95	98	122	112	116	77	69	72	88	87	87
18	103	97	98	111	99	103	91	74	79	88	84	86
19	108	98	102	99	94	98	95	80	87	90	85	88
20	107	98	101	98	92	95	96	83	92	92	89	90
21	104	99	101	94	89	91	95	85	91	92	89	90
22	102	99	100	97	92	95	95	87	92	93	88	90
23	99	96	98	98	93	96	95	92	94	90	76	84
24	96	95	96	103	97	100	95	94	95	78	72	74
25	96	94	95	101	97	99	97	95	96	78	70	73
26	98	96	97	97	91	94	96	93	95	86	71	78
27	99	96	97	96	86	91	95	93	94	84	65	72
28	97	96	96	96	81	89	94	90	92	67	62	64
29	98	97	97	90	80	84	90	85	88	78	63	68
30	106	97	102	93	85	90	92	88	90	74	69	71
31	106	98	101	---	---	---	91	82	88	77	72	74
MONTH	108	52	89	122	80	100	104	62	88	93	62	79

SANTÉE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE. SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	74	72	74	65	59	62	78	74	76	88	83	84
2	80	73	76	69	65	67	77	69	74	84	80	82
3	84	76	80	72	67	70	74	65	70	80	77	79
4	87	80	83	72	58	65	74	65	69	82	79	80
5	83	82	82	67	59	61	73	66	68	85	80	82
6	85	75	83	68	59	62	75	69	72	87	83	84
7	75	65	69	76	59	68	79	74	76	87	83	85
8	77	66	69	70	63	64	81	79	79	88	82	85
9	81	67	74	79	64	70	82	79	80	86	83	84
10	80	75	76	67	64	66	80	77	78	85	82	83
11	80	59	65	70	66	68	78	76	77	85	81	83
12	59	52	56	71	68	69	79	77	78	86	82	84
13	63	52	55	72	69	70	80	78	79	85	82	84
14	59	56	57	73	70	71	80	79	79	82	80	81
15	65	58	62	72	70	71	80	79	80	81	80	81
16	71	63	68	72	70	71	83	80	82	83	80	81
17	72	48	62	76	71	73	82	76	80	83	81	82
18	51	45	47	78	42	66	76	71	74	88	81	83
19	55	43	47	42	38	39	75	69	71	90	80	83
20	50	45	47	48	41	44	72	70	71	92	79	84
21	56	49	52	74	44	57	76	71	74	91	80	85
22	68	51	54	65	54	59	81	76	79	92	84	88
23	78	57	66	61	58	60	86	80	83	93	84	87
24	81	61	68	72	61	66	84	79	82	91	83	86
25	80	59	66	77	66	71	83	80	82	86	84	84
26	82	60	69	72	68	70	80	79	80	88	84	85
27	79	62	71	75	69	71	85	79	81	89	86	87
28	63	58	60	78	69	72	86	80	81	---	---	---
29	---	---	---	77	70	74	90	80	84	---	---	---
30	---	---	---	78	72	75	92	83	86	---	---	---
31	---	---	---	76	74	75	---	---	---	77	69	73
MONTH	87	43	66	79	38	66	92	65	77	93	69	83
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	80	74	78	97	88	91	98	94	96	107	100	102
2	81	79	80	107	91	96	106	96	99	107	101	104
3	85	80	82	106	91	97	100	95	97	108	97	102
4	---	---	---	102	94	96	97	93	95	107	89	98
5	---	---	---	100	93	95	96	94	95	97	89	95
6	---	---	---	99	93	95	108	96	101	98	95	97
7	---	---	---	97	93	95	119	95	102	98	97	98
8	---	---	---	95	93	94	117	95	101	103	97	98
9	---	---	---	96	93	94	124	101	114	106	99	102
10	---	---	---	98	94	96	130	110	122	109	100	103
11	---	---	---	95	94	95	128	115	122	113	101	103
12	---	---	---	96	94	95	117	110	113	109	101	104
13	---	---	---	95	93	94	118	109	112	123	104	109
14	---	---	---	93	90	92	108	102	106	128	101	111
15	---	---	---	95	91	92	109	99	103	127	107	117
16	91	85	86	103	93	96	107	100	102	121	116	119
17	91	87	90	99	93	96	111	101	102	126	118	122
18	98	88	91	98	92	94	112	101	106	134	122	128
19	103	87	91	97	90	92	108	103	105	129	121	124
20	96	87	89	90	88	89	115	103	105	131	109	124
21	99	87	89	90	88	89	115	103	106	122	108	112
22	93	86	89	96	88	90	116	103	107	127	111	118
23	99	88	91	98	90	93	120	101	107	134	111	116
24	97	87	90	101	91	93	124	104	111	124	110	116
25	94	88	90	100	91	93	118	104	111	133	116	122
26	109	89	94	102	90	93	118	108	111	142	122	130
27	108	90	94	99	90	93	112	106	109	144	119	131
28	96	88	90	97	91	93	114	104	109	130	119	123
29	97	88	90	97	93	95	111	104	107	129	117	123
30	94	88	90	104	93	96	110	101	105	128	124	125
31	---	---	---	105	92	97	108	100	104	---	---	---
MONTH	109	74	89	107	88	94	130	93	106	144	89	113
YEAR	144	38	88									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.3	6.9	7.5	7.3	7.2	7.2	7.2	7.1	7.1	7.0	---	---
2	6.9	6.4	7.4	7.0	7.2	7.2	7.2	7.1	7.1	7.0	---	---
3	6.4	6.3	7.4	7.3	7.2	7.1	7.2	7.0	7.1	7.0	---	---
4	6.6	6.4	7.5	7.3	7.2	7.1	7.1	6.9	7.1	7.0	---	---
5	7.0	6.6	7.5	7.3	7.2	7.0	7.2	7.1	7.1	7.1	---	---
6	7.2	6.8	7.5	7.4	7.2	7.1	7.2	7.1	7.1	7.1	---	---
7	7.2	6.9	7.4	7.3	7.3	7.2	7.3	7.2	7.1	6.9	---	---
8	7.2	7.1	7.4	7.3	7.3	7.2	7.3	7.1	7.0	6.9	---	---
9	7.3	7.1	7.4	7.3	7.3	7.1	7.2	7.0	7.1	6.9	---	---
10	7.3	7.2	7.4	7.3	7.1	6.9	7.1	7.0	7.2	6.8	---	---
11	7.3	7.2	7.4	7.3	7.0	6.9	7.1	7.0	6.9	6.6	---	---
12	7.3	7.1	7.5	7.4	6.9	6.8	7.2	7.1	6.7	6.5	---	---
13	7.3	7.1	7.5	7.3	6.9	6.9	7.2	7.2	6.8	6.5	---	---
14	7.4	7.3	7.4	7.3	6.9	6.7	7.3	7.2	6.9	6.7	---	---
15	7.4	7.3	7.5	7.3	6.8	6.7	7.3	7.2	7.0	6.8	---	---
16	7.4	7.2	7.5	7.3	7.0	6.8	7.5	7.2	7.2	6.8	---	---
17	7.3	7.1	7.4	7.3	7.0	6.9	7.3	7.2	6.8	6.4	7.0	6.8
18	7.4	7.2	7.3	7.2	7.1	6.9	7.3	7.2	6.4	6.2	7.3	6.7
19	7.3	7.1	7.2	7.1	7.2	7.0	7.3	7.2	6.5	6.3	7.0	6.9
20	7.6	7.2	7.2	7.1	7.2	7.0	7.3	7.2	6.4	6.3	7.1	6.8
21	7.4	7.2	7.3	7.2	7.1	7.0	7.2	7.2	6.5	6.4	---	---
22	7.3	7.2	7.2	7.2	7.1	7.0	7.2	7.2	6.7	6.5	---	---
23	7.3	7.3	7.3	7.2	7.2	7.1	7.2	7.0	6.8	6.6	---	---
24	7.4	7.2	7.3	7.2	7.3	7.1	7.0	7.0	7.0	6.7	---	---
25	7.4	7.3	7.3	7.1	7.2	7.0	7.1	7.0	7.0	6.7	---	---
26	7.5	7.4	7.1	7.0	7.2	7.0	7.1	7.0	7.0	6.7	---	---
27	7.5	7.3	7.0	7.0	7.2	7.1	7.1	6.9	---	---	---	---
28	7.4	7.4	7.1	7.0	7.1	7.0	6.9	6.9	---	---	---	---
29	7.6	7.4	7.2	7.0	7.1	7.0	7.2	6.9	---	---	---	---
30	7.6	7.5	7.2	7.2	7.3	7.1	7.1	7.0	---	---	---	---
31	7.6	7.4	---	---	7.2	7.0	7.1	7.0	---	---	---	---
MONTH	7.6	6.3	7.5	7.0	7.3	6.7	7.5	6.9	7.2	6.2	7.3	6.7
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	7.5	6.2	7.5	6.7	7.5	7.3	7.0	6.6	6.7	6.5
2	---	---	7.5	6.2	7.6	6.6	7.7	7.4	6.9	6.8	7.2	6.6
3	---	---	7.5	6.6	7.4	6.6	7.7	7.4	6.9	6.8	6.8	6.6
4	7.5	6.8	7.5	6.8	---	---	7.7	7.4	6.8	6.8	6.8	6.6
5	7.5	6.8	7.5	7.2	---	---	7.5	7.3	6.8	6.8	6.8	6.6
6	7.5	7.1	7.5	7.3	7.7	6.9	7.5	7.2	6.9	6.8	6.8	6.6
7	7.6	7.4	7.6	6.8	7.7	6.7	7.6	7.4	6.8	6.8	6.7	6.5
8	7.6	7.2	7.5	6.8	7.8	6.4	7.6	7.4	6.9	6.8	7.1	6.5
9	7.6	6.9	7.5	6.9	7.9	6.5	7.6	7.4	6.9	6.8	6.8	6.6
10	7.5	7.0	7.5	6.7	7.9	7.2	7.6	7.4	7.0	6.8	6.7	6.6
11	7.5	6.9	7.6	7.1	7.8	7.1	7.5	7.4	7.1	7.0	6.7	6.5
12	7.4	6.9	7.6	7.2	7.8	7.2	7.8	7.4	7.1	7.1	6.7	6.6
13	7.3	6.8	7.6	7.2	7.8	7.2	7.7	7.4	7.1	6.9	6.8	6.6
14	7.3	7.0	7.5	6.4	7.6	7.0	7.7	6.7	7.1	6.9	6.9	6.7
15	7.3	7.1	7.6	6.3	7.4	7.0	7.4	6.8	---	---	6.9	6.6
16	7.3	6.9	7.5	6.5	7.2	7.1	7.6	7.4	---	---	6.7	6.6
17	7.2	6.4	7.7	6.3	7.1	7.0	7.6	7.2	---	---	6.7	6.5
18	7.5	7.1	7.9	7.2	7.1	6.9	7.3	7.1	---	---	6.8	6.6
19	7.7	6.7	7.9	7.1	7.0	6.8	7.4	6.8	---	---	6.7	6.6
20	7.7	7.3	7.8	6.9	7.3	7.0	7.5	6.8	---	---	6.9	6.5
21	7.6	7.5	7.8	7.1	7.3	7.1	7.3	6.6	---	---	6.8	6.6
22	7.7	7.4	7.9	7.2	7.5	7.1	7.3	6.9	---	---	7.0	6.4
23	7.7	7.0	8.1	7.3	7.6	7.4	7.9	7.2	6.9	6.8	6.9	6.8
24	7.7	7.1	8.1	7.1	7.6	7.3	7.8	7.2	6.9	6.7	6.9	6.7
25	7.5	6.7	8.0	7.2	7.8	7.3	7.5	7.3	6.9	6.6	6.9	6.6
26	7.5	6.1	8.0	7.3	7.9	7.4	7.3	7.0	6.9	6.6	7.0	6.8
27	7.5	7.0	7.9	7.1	7.7	7.4	7.1	6.8	6.9	6.5	7.0	6.8
28	7.4	7.0	7.8	6.9	7.6	7.3	7.2	6.6	6.6	6.4	6.9	6.7
29	7.6	7.1	7.7	7.0	7.5	7.3	7.0	6.5	6.6	6.4	6.7	6.4
30	7.5	6.4	7.7	6.5	7.6	7.3	7.0	6.3	6.6	6.4	7.0	6.2
31	---	---	7.6	6.2	---	---	7.0	6.7	6.6	6.5	---	---
MONTH	7.7	6.1	8.1	6.2	7.9	6.4	7.9	6.3	7.1	6.4	7.2	6.2
YEAR	8.1	6.1										

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	22.0	19.5	20.5	19.0	18.0	18.5	12.5	11.5	12.0	7.5	6.5	7.0
2	20.0	19.5	20.0	18.5	17.5	18.0	12.5	10.5	11.5	8.0	7.0	7.5
3	20.0	19.5	19.5	18.0	17.0	17.5	11.0	7.5	10.0	8.0	7.0	7.5
4	20.5	19.5	20.0	17.5	15.5	17.0	13.0	7.5	10.5	8.0	7.0	7.0
5	21.0	19.0	20.0	17.5	16.0	16.5	13.0	10.5	12.0	8.5	7.5	8.0
6	22.5	19.0	20.5	18.0	16.0	16.5	13.0	10.5	11.5	8.5	7.5	8.0
7	23.0	20.0	21.5	18.0	16.0	17.0	12.0	7.5	9.5	9.0	8.5	9.0
8	22.5	21.0	22.0	18.0	16.0	17.0	12.0	7.5	9.0	9.5	9.0	9.0
9	22.0	20.0	21.0	18.0	16.5	17.5	13.0	7.5	10.5	9.0	8.5	9.0
10	21.5	21.0	21.5	17.5	16.5	17.0	9.5	6.5	7.5	8.5	8.0	8.5
11	21.5	19.5	21.0	18.0	16.5	17.0	9.5	6.0	7.5	8.5	8.0	8.0
12	21.5	18.5	20.5	16.5	15.5	16.0	8.0	6.5	7.5	8.5	8.0	8.0
13	21.5	19.5	20.5	17.5	16.0	16.5	9.0	7.0	7.5	8.0	7.5	7.5
14	21.5	20.0	20.5	17.5	16.0	17.0	10.0	6.5	7.5	7.5	7.0	7.0
15	22.0	21.0	21.5	17.5	16.5	17.0	7.5	6.0	6.5	7.0	6.5	6.5
16	22.0	21.5	21.5	16.5	15.0	15.5	9.0	5.5	6.5	8.5	6.5	7.5
17	22.5	22.0	22.0	15.0	13.0	14.0	6.5	5.0	5.5	8.0	7.0	7.5
18	22.5	21.5	22.0	13.5	12.5	13.0	8.5	4.0	5.5	9.0	7.5	8.5
19	21.5	20.5	21.0	13.0	11.0	12.5	9.5	4.0	7.0	10.0	9.0	9.0
20	20.5	18.0	19.0	13.0	10.5	12.0	10.0	5.0	8.5	10.5	10.0	10.0
21	19.0	16.5	18.0	13.5	11.0	12.0	9.5	5.0	8.0	11.0	9.5	10.0
22	18.0	15.5	17.0	14.0	11.5	13.0	8.5	4.0	7.0	11.0	8.5	9.5
23	18.5	17.5	18.0	12.0	10.0	11.5	8.0	3.0	6.0	10.5	9.5	10.0
24	18.5	17.5	18.0	11.5	9.0	10.0	7.5	2.0	5.0	10.0	9.5	10.0
25	18.0	16.0	17.0	10.0	8.0	9.0	7.0	1.0	3.0	10.5	9.5	10.0
26	18.5	14.5	16.5	10.5	7.5	8.5	7.0	2.0	3.5	10.0	9.5	9.5
27	18.5	15.0	17.0	12.5	10.0	11.0	7.0	3.0	5.0	9.5	9.0	9.0
28	19.0	17.5	18.5	14.5	11.0	12.5	7.0	2.5	5.0	9.0	8.5	8.5
29	18.5	17.5	18.0	11.5	10.0	11.0	4.0	2.0	2.5	9.5	8.0	8.5
30	19.0	16.0	17.0	12.5	10.5	11.5	7.5	4.5	6.5	9.0	8.5	9.0
31	19.0	18.5	18.5	---	---	---	7.5	6.0	6.5	9.0	8.5	9.0
MONTH	23.0	14.5	19.5	19.0	7.5	14.5	13.0	1.0	7.5	11.0	6.5	8.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.0	9.0	9.0	10.0	9.5	9.5	15.0	13.5	14.0	22.0	18.5	20.0
2	10.0	9.0	9.5	10.5	10.0	10.5	16.0	14.5	15.5	23.0	19.5	20.5
3	11.0	10.0	10.5	11.0	10.5	11.0	16.5	16.0	16.0	23.0	19.5	20.5
4	12.0	10.5	11.5	11.5	10.5	11.0	16.5	15.0	16.0	22.0	19.0	20.5
5	12.5	11.5	12.0	12.0	11.0	11.5	17.0	15.5	16.0	21.5	19.0	20.0
6	12.5	11.5	12.0	12.5	11.5	12.0	17.0	16.0	16.0	21.0	18.5	19.5
7	12.0	11.5	11.5	13.5	11.5	12.5	16.5	16.0	16.0	22.0	19.5	20.5
8	12.0	11.0	11.5	12.0	11.5	12.0	16.5	15.5	16.0	22.0	19.0	20.5
9	11.5	11.5	11.5	12.5	11.0	12.0	16.5	15.5	16.0	20.5	19.5	20.0
10	11.5	11.5	11.5	12.0	11.0	11.5	16.0	15.0	15.5	21.0	19.0	20.0
11	12.5	11.5	12.0	14.0	12.0	13.0	17.0	15.5	16.0	22.5	18.5	20.0
12	12.0	11.5	11.5	16.0	13.5	14.5	16.5	16.0	16.0	21.5	19.5	20.5
13	11.5	10.5	11.0	17.5	15.5	16.5	17.0	15.0	16.0	21.0	19.5	20.5
14	11.5	10.5	11.0	18.5	16.5	17.5	16.0	15.5	15.5	23.0	19.5	21.0
15	12.5	11.0	11.5	18.5	16.5	17.5	16.5	15.5	16.0	23.5	20.5	22.0
16	13.5	12.0	12.5	18.5	16.0	17.5	17.5	16.5	17.0	24.5	20.5	22.0
17	14.5	13.5	14.0	18.5	17.5	18.5	19.5	17.5	18.5	24.5	20.5	22.0
18	13.5	12.0	13.0	18.0	16.0	17.0	18.5	17.5	18.0	23.5	20.0	21.5
19	12.0	10.5	11.0	16.0	15.0	15.5	18.0	17.5	17.5	24.0	20.5	22.0
20	11.0	10.0	10.5	15.5	14.5	15.0	18.5	17.5	18.0	23.5	21.0	22.0
21	11.0	10.0	10.5	15.0	14.0	14.5	18.5	17.5	18.0	24.5	21.0	22.5
22	11.5	10.5	11.0	14.5	13.5	14.0	19.5	17.5	18.5	23.5	21.5	22.5
23	12.0	11.5	11.5	15.0	13.5	14.0	20.5	18.0	19.0	23.0	20.0	21.5
24	12.0	11.0	11.5	15.0	14.0	14.5	21.0	17.0	19.0	23.0	21.5	22.0
25	11.0	10.5	11.0	16.0	14.0	15.0	21.5	18.0	19.5	23.0	21.5	22.0
26	12.5	9.5	11.0	16.0	15.0	15.5	21.5	17.5	19.0	24.0	22.0	23.0
27	11.5	9.5	10.5	16.0	15.0	15.5	22.5	18.0	20.0	25.5	22.0	23.5
28	10.0	9.0	9.5	15.5	15.0	15.0	21.5	17.5	18.5	23.5	22.5	23.0
29	---	---	---	15.0	14.5	14.5	20.0	17.0	18.5	24.0	22.0	23.5
30	---	---	---	15.0	13.5	14.0	21.0	18.5	19.5	23.0	21.5	22.0
31	---	---	---	14.0	13.5	13.5	---	---	---	23.5	22.0	22.5
MONTH	14.5	9.0	11.5	18.5	9.5	14.0	22.5	13.5	17.0	25.5	18.5	21.5

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	8.7	7.8	8.2	9.9	9.5	9.6	12.5	11.6	12.0
2	---	---	---	8.4	8.0	8.2	10.4	9.4	9.8	12.1	11.5	11.7
3	---	---	---	8.7	8.1	8.3	11.2	10.0	10.5	12.4	11.5	11.6
4	---	---	---	9.1	8.2	8.5	11.2	9.3	10.2	12.0	11.8	11.9
5	---	---	---	9.0	8.3	8.6	10.3	9.3	9.6	12.3	11.4	11.8
6	---	---	---	9.0	8.4	8.8	10.2	9.5	9.7	11.8	11.5	11.7
7	---	---	---	9.0	8.0	8.4	11.8	9.9	10.8	11.5	11.2	11.3
8	---	---	---	9.0	7.9	8.4	11.6	10.0	11.1	11.3	11.1	11.2
9	---	---	---	8.6	8.2	8.4	11.2	9.7	10.4	11.3	11.0	11.2
10	---	---	---	8.9	8.1	8.4	11.5	10.5	11.2	11.6	11.2	11.5
11	---	---	---	8.7	8.1	8.4	11.7	10.6	11.3	11.6	11.4	11.5
12	---	---	---	9.2	8.6	8.9	11.6	11.0	11.3	11.7	11.5	11.6
13	8.0	5.7	7.2	9.4	8.4	8.8	11.4	10.9	11.2	11.7	11.4	11.5
14	8.0	7.5	7.7	9.2	8.3	8.7	12.0	10.4	11.7	11.9	11.5	11.7
15	7.9	7.3	7.6	8.9	8.4	8.7	12.0	11.1	11.8	12.2	11.6	12.0
16	7.7	6.3	7.3	9.5	8.7	9.1	12.0	10.8	11.7	12.3	11.3	11.8
17	7.5	5.7	6.8	9.3	8.8	9.1	12.2	11.7	12.0	12.3	11.6	12.0
18	7.3	6.3	7.0	9.2	8.9	9.0	12.5	11.0	12.1	12.0	11.4	11.8
19	7.7	6.6	7.2	9.7	9.0	9.2	12.7	10.7	11.5	11.6	11.1	11.3
20	8.2	7.2	7.6	9.8	9.1	9.5	12.3	10.4	11.0	11.3	11.0	11.2
21	8.5	7.3	7.8	10.3	9.4	9.8	12.3	10.5	11.2	11.0	10.7	10.9
22	8.8	7.5	8.1	9.9	8.9	9.3	12.6	10.8	11.4	10.9	10.6	10.7
23	8.1	7.7	7.9	10.5	9.6	9.9	12.9	11.0	11.7	10.7	10.6	10.7
24	8.3	7.7	8.0	10.6	9.8	10.3	13.4	11.2	12.1	10.8	10.7	10.7
25	9.3	8.0	8.5	10.9	10.2	10.6	13.8	11.5	13.0	10.9	10.7	10.8
26	9.4	8.3	8.8	11.1	10.4	10.9	13.7	11.6	12.9	11.1	10.7	10.9
27	9.3	8.3	8.6	10.6	9.5	10.0	13.2	11.4	12.2	11.4	11.0	11.3
28	8.3	8.2	8.3	10.6	8.8	9.7	13.8	11.4	12.6	11.4	11.3	11.4
29	8.6	8.3	8.5	10.6	10.1	10.4	13.8	13.1	13.7	11.4	11.1	11.3
30	9.3	8.4	8.9	10.2	9.6	9.9	13.0	11.6	12.1	11.3	11.1	11.2
31	8.9	8.3	8.5	---	---	---	12.7	11.7	12.1	11.2	11.0	11.1
MONTH	9.4	5.7	7.9	11.1	7.8	9.1	13.8	9.3	11.4	12.5	10.6	11.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.2	11.1	11.2	10.7	10.4	10.5	9.5	9.1	9.4	9.2	7.8	8.3
2	11.3	10.8	11.1	10.4	10.0	10.2	9.4	8.9	9.1	9.5	7.9	8.4
3	11.1	10.8	10.9	10.1	9.9	10.0	9.0	8.8	8.9	8.7	8.0	8.4
4	10.7	10.4	10.6	10.0	9.8	9.9	9.1	8.8	8.9	8.7	8.0	8.3
5	10.4	10.1	10.2	10.0	9.6	9.9	9.1	8.9	9.0	8.9	7.9	8.3
6	10.6	10.0	10.3	9.9	9.6	9.8	9.2	8.9	9.1	8.6	7.9	8.2
7	10.7	10.6	10.7	9.8	9.5	9.7	9.2	8.9	9.1	9.0	7.8	8.4
8	10.7	10.5	10.6	9.8	9.6	9.7	9.2	8.9	9.1	9.2	8.2	8.5
9	10.6	10.4	10.5	9.8	9.4	9.6	9.4	9.0	9.2	8.3	8.0	8.1
10	10.6	10.2	10.4	9.9	9.6	9.8	9.7	9.1	9.4	9.1	8.1	8.5
11	10.3	10.0	10.1	9.8	9.6	9.7	9.5	9.2	9.4	9.1	7.8	8.3
12	10.6	10.3	10.5	9.5	9.0	9.3	9.2	9.1	9.1	9.6	8.2	8.6
13	10.7	10.4	10.5	9.1	8.9	9.0	9.4	9.0	9.2	9.4	7.9	8.3
14	11.0	10.6	10.8	9.1	8.8	8.9	9.7	9.1	9.5	9.0	7.8	8.2
15	10.7	10.5	10.6	9.0	8.7	8.8	9.5	9.2	9.4	8.9	8.6	8.7
16	10.5	10.0	10.3	8.9	8.6	8.8	9.5	9.2	9.3	8.7	8.5	8.7
17	10.5	9.6	10.0	8.6	8.2	8.4	9.4	8.9	9.1	9.5	8.0	8.4
18	10.7	10.2	10.4	9.3	8.2	8.6	9.3	8.9	9.1	9.0	7.9	8.4
19	10.9	10.5	10.7	9.5	9.3	9.4	9.7	8.7	9.1	8.9	8.3	8.6
20	11.1	10.8	10.9	9.2	8.8	9.0	9.4	9.0	9.2	8.6	8.1	8.3
21	11.0	10.6	10.8	---	---	---	9.6	9.0	9.3	8.7	8.2	8.3
22	10.7	10.2	10.6	---	---	---	9.6	9.0	9.3	8.3	8.0	8.2
23	10.5	9.9	10.2	9.9	9.2	9.4	9.5	8.7	9.2	8.9	8.2	8.5
24	10.6	10.1	10.4	9.3	8.9	9.1	9.6	9.0	9.1	8.8	8.3	8.7
25	10.7	10.0	10.4	9.0	8.7	8.9	9.7	8.7	9.1	9.1	8.2	8.5
26	10.9	10.3	10.6	9.2	8.6	8.8	9.6	8.8	9.0	9.6	8.4	8.9
27	10.9	10.1	10.4	9.2	8.7	8.9	9.4	8.6	8.8	9.6	8.0	8.7
28	10.8	10.6	10.7	9.1	8.9	9.0	9.1	8.2	8.5	9.1	7.8	8.4
29	---	---	---	9.2	8.9	9.1	8.7	8.1	8.3	8.3	7.8	8.1
30	---	---	---	9.3	9.1	9.2	9.2	8.2	8.4	8.3	7.8	8.0
31	---	---	---	9.6	9.2	9.4	---	---	---	8.3	7.7	8.0
MONTH	11.3	9.6	10.5	10.7	8.2	9.3	9.7	8.1	9.1	9.6	7.7	8.4

SANTEE RIVER BASIN

02161000 BROAD RIVER AT ALSTON, SC

LOCATION.--Lat 34°14'35'', long 81°19'11'', Fairfield County, Hydrologic Unit 03050106, on left bank at Southern Railway Alston-Peak trestle, 1.2 mi downstream from Parr Shoals Dam, and at mile 200.2.

DRAINAGE AREA.--4,790 mi².

PERIOD OF RECORD.--October 1980 to current year.

REVISED RECORDS.--WRD SC-82-1: 1982(M).

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Regulation at low and median flow by powerplants above station.

AVERAGE DISCHARGE.--10 years, 5,404 ft³/s, 15.32 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 108,000 ft³/s, Mar. 3, 1987, gage height, 25.90 ft; minimum daily, 242 ft³/s, Jun. 30, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 79,500 ft³/s, Oct. 3, gage height, 22.71 ft; minimum daily, 1290 ft³/s, Sept. 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20300	4000	3560	5950	9440	10400	10600	4190	6500	1410	1870	2040
2	56200	1930	5930	7570	9150	7610	8630	4200	4630	3020	1360	3680
3	74000	2860	4910	7770	8880	11300	9310	6340	3860	3000	1860	5870
4	46000	4040	4740	7590	6990	20200	7930	7170	3950	2040	1360	5870
5	22300	2360	1520	8920	6100	14000	8000	5870	1830	2020	1520	5080
6	11600	2140	2920	6810	7920	14500	6560	5760	2260	1350	2790	2740
7	2990	3820	4960	6150	9130	11600	6390	5710	4650	1350	2850	1370
8	4190	3380	6510	11400	9360	7000	6210	5770	2420	1340	2840	1400
9	5260	2330	11000	15300	8690	6530	5680	5910	2880	2360	2790	3710
10	5380	2890	14200	15000	16800	9070	6030	5750	4800	1940	2550	2500
11	5480	3140	16300	7620	26600	9660	6550	6070	3310	1370	1320	1960
12	5280	3940	11400	5870	24500	6230	6250	5910	3450	1450	1310	1760
13	2290	3500	17600	7780	16300	5880	6170	5880	3940	1320	1320	2890
14	2620	4020	23100	6300	9940	5570	6100	5860	4010	2900	1320	4940
15	2730	1540	14800	5300	6540	5610	6140	5960	2410	3790	1770	4100
16	2560	3940	13300	5400	9030	9650	5850	6140	1780	3900	1570	1310
17	3040	5080	8230	5950	33000	10600	5930	5900	2170	3640	1320	1320
18	3760	5120	6570	5470	44200	23700	6040	5170	3200	4900	1740	1300
19	5430	4970	6550	5350	45400	39900	5930	3980	2860	4110	1580	1290
20	4610	5110	6610	5860	43900	31100	5740	3900	2490	1960	2150	3360
21	5710	5720	6160	6160	32200	23300	5880	2780	2440	2880	2250	2360
22	4930	5870	4960	5930	18300	6850	5830	3650	2720	2950	2060	1850
23	2480	6120	3890	11800	15100	7650	5860	4210	3840	2420	2850	1370
24	3690	6270	4080	12900	18700	10400	5730	4740	1450	3490	4080	1390
25	3940	6110	4090	7390	11400	9300	5880	3500	2280	3020	4510	2030
26	3900	6160	4170	12000	12000	8340	4140	4710	2960	3980	3430	2820
27	4330	5560	3940	15800	6240	7890	5940	3410	3180	2900	4400	2460
28	1450	6010	3830	15000	9100	7780	5510	3060	1690	1750	4410	1340
29	2080	2970	3860	10700	---	8100	5090	4550	1620	2090	3660	1320
30	3890	1970	3840	6970	---	9770	5820	8250	1790	2940	2710	1310
31	3750	---	4590	6010	---	6870	---	7070	---	1830	1750	---
TOTAL	326170	122870	232120	264020	474910	366360	191720	161370	91370	79420	73300	76740
MEAN	10520	4096	7488	8517	16960	11820	6391	5205	3046	2562	2365	2558
MAX	74000	6270	23100	15800	45400	39900	10600	8250	6500	4900	4510	5870
MIN	1450	1540	1520	5300	6100	5570	4140	2780	1450	1320	1310	1290

CAL YR 1989 TOTAL 2020580 MEAN 5536 MAX 74000 MIN 1040
WTR YR 1990 TOTAL 2460370 MEAN 6741 MAX 74000 MIN 1290

SANTÉE RIVER BASIN

163

02161700 WEST FORK LITTLE RIVER NEAR SALEM CROSSROADS, SC

LOCATION.--Lat 34°27'08'', long 81°15'45'', Fairfield County, Hydrologic Unit 03050106, right side of left channel, on upstream side of bridge on State Road 346, 3.0 mi northeast of Salem Crossroads and 12.0 mi northwest of Winnsboro.

DRAINAGE AREA.--25.5 mi².

PERIOD OF RECORD.--October 1980 to current year. All figures of discharge less than 700 ft³/s prior to October 1983 are unreliable and should not be used.

GAGE.--Water-stage recorder. Elevation of gage is 327 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.-- Records good, except for estimated daily discharges: June 1 - 8, 12 - 21, 24 - 29, which are fair.

AVERAGE DISCHARGE.--7 years, 22.0 ft³/s, 11.72 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,740 ft³/s, Oct. 2, 1989, gage height, 9.10 ft; no flow July 5-11, 1982, and many days July to Sept. 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,740 ft³/s, Oct. 2, gage height, 9.10 ft; minimum daily, 0.77 ft³/s, Sept. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	591	4.8	5.5	13	15	17	10	5.9	2.7	1.2	.84	1.0
2	1500	4.9	5.5	10	14	17	9.3	5.0	2.6	1.2	.89	.95
3	87	5.5	5.4	9.9	14	63	10	4.6	2.5	1.1	.90	.92
4	37	4.9	5.1	10	14	36	8.9	4.9	2.4	.93	.94	.85
5	23	4.7	5.2	9.9	13	24	8.9	7.3	2.3	.89	6.5	.83
6	17	4.8	5.1	20	12	19	8.7	4.9	2.2	.84	2.6	.82
7	14	5.1	5.3	25	12	16	9.6	4.4	2.1	.94	1.5	.81
8	12	5.4	111	219	11	14	8.0	4.0	2.0	.84	1.3	.77
9	9.7	5.7	165	69	28	14	7.7	4.6	3.6	1.6	1.4	1.2
10	8.6	5.1	76	40	554	13	8.0	23	14	1.2	1.5	1.1
11	8.1	4.7	48	27	84	12	12	8.8	3.7	.88	1.4	.96
12	7.4	4.8	51	21	43	11	8.5	6.1	3.0	.91	1.1	.84
13	7.0	5.0	230	16	29	9.9	7.7	5.4	2.7	1.4	.99	2.2
14	8.3	5.1	57	14	23	9.3	7.7	4.8	2.4	4.4	.99	3.2
15	6.9	7.0	36	13	20	8.8	15	4.4	2.2	4.2	1.8	2.1
16	6.3	17	26	13	118	8.7	11	4.1	2.1	1.6	1.6	1.2
17	5.9	7.4	20	12	229	23	9.0	5.6	2.0	15	1.5	.94
18	6.8	5.5	17	12	45	33	7.6	5.5	1.9	5.7	1.3	.85
19	8.7	5.2	18	11	1290	17	7.0	3.9	1.8	9.2	1.1	.87
20	6.6	5.2	17	11	127	13	7.2	3.8	1.7	3.2	.93	.92
21	6.1	5.3	16	21	49	11	7.3	4.9	1.6	2.3	14	1.9
22	5.5	5.1	14	16	44	9.7	6.9	4.0	4.4	2.0	6.9	7.6
23	5.0	11	9.7	13	73	9.0	6.4	3.5	3.9	1.7	14	7.2
24	4.9	7.4	9.4	12	44	8.6	6.0	3.4	2.0	1.4	4.1	1.8
25	4.8	6.1	9.4	16	30	8.6	5.6	3.2	1.9	1.2	2.2	1.3
26	4.6	6.1	10	30	24	8.5	5.3	3.2	1.8	1.2	1.7	1.2
27	5.1	5.9	11	19	22	9.4	4.9	3.2	1.7	1.1	1.4	1.1
28	4.7	6.2	10	15	19	8.0	6.0	3.3	1.6	1.0	1.2	1.1
29	4.7	7.4	10	16	---	9.8	12	5.1	1.5	1.0	1.1	1.1
30	4.8	5.8	11	23	---	9.9	7.3	3.2	1.3	.97	1.1	1.1
31	5.0	---	12	17	---	11	---	2.8	---	.90	1.3	---
TOTAL	2426.5	184.1	1031.6	773.8	3000	482.2	249.5	160.8	81.6	72.00	80.08	48.73
MEAN	78.3	6.14	33.3	25.0	107	15.6	8.32	5.19	2.72	2.32	2.58	1.62
MAX	1500	17	230	219	1290	63	15	23	14	15	14	7.6
MIN	4.6	4.7	5.1	9.9	11	8.0	4.9	2.8	1.3	.84	.84	.77

CAL YR 1989 TOTAL 12968.8 MEAN 35.5 MAX 1500 MIN 2.4
WTR YR 1990 TOTAL 8590.91 MEAN 23.5 MAX 1500 MIN .77

SANTEE RIVER BASIN

02162010 CEDAR CREEK NEAR BLYTHEWOOD, SC

LOCATION.--Lat 34°11'44'', long 81°06'13'', Richland County, Hydrologic Unit 03050106, on right bank, at downstream side of bridge on State Road 59, 0.2 mi above Williams Branch, 8.0 mi southwest of Blythewood, and at mile 6.9.

DRAINAGE AREA.--48.9 mi².

PERIOD OF RECORD.--November 1966 to September 1983; February 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor.

AVERAGE DISCHARGE.--21 years (water years 1968-83, 1986 - 90), 44.6 ft³/s, 12.39 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,870 ft³/s, July 4, 1968, gage height, 18.42 ft; minimum, 0.07 ft³/s, Sept. 29, 1986, gage height, 2.14 ft, minimum gage height, 2.13 ft, Oct. 7, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 2	0145	* 2,150	* 12.07	No other peak greater than base discharge.			
Minimum, 1.2 ft ³ /s, Sept. 30, gage height, 2.36 ft.							

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	311	8.0	12	37	35	43	44	14	5.4	3.2	3.7	6.8
2	654	8.0	12	31	34	42	36	14	4.9	2.5	3.9	6.2
3	54	7.6	13	27	33	221	31	13	5.1	2.3	4.4	5.4
4	25	7.3	13	26	33	93	27	13	8.1	2.4	4.4	5.3
5	20	7.1	12	25	33	57	26	18	6.6	2.2	5.8	6.1
6	18	7.0	12	60	30	48	24	16	4.9	2.0	5.4	18
7	17	6.8	12	66	30	43	27	13	4.3	2.1	5.8	9.2
8	16	7.3	131	432	30	41	25	13	4.2	3.3	9.2	8.0
9	16	8.6	169	109	32	40	23	12	4.2	5.3	31	10
10	16	11	81	54	93	42	21	22	4.8	4.5	14	13
11	15	8.4	41	40	50	40	21	18	4.7	3.5	11	6.9
12	14	7.9	41	36	40	38	20	12	3.9	3.2	8.8	4.3
13	14	7.7	117	31	36	36	19	11	3.6	6.4	7.6	3.8
14	14	7.8	46	29	34	34	18	9.8	3.3	15	7.0	4.3
15	13	9.6	34	28	33	33	21	8.7	3.2	9.6	11	7.0
16	13	19	29	26	71	33	20	7.9	8.7	6.1	14	5.0
17	12	15	26	25	142	40	18	7.6	6.2	5.1	13	3.5
18	12	11	25	25	57	64	17	7.4	4.1	4.7	11	2.8
19	12	10	27	25	341	40	17	6.8	3.4	4.6	9.6	2.4
20	11	9.7	34	25	138	35	16	6.8	3.0	4.7	8.7	2.3
21	11	11	33	38	70	32	16	7.0	2.6	6.1	8.6	2.2
22	11	10	29	36	107	31	16	6.8	2.5	9.4	33	3.8
23	10	23	26	30	170	30	16	6.7	2.3	7.4	29	7.6
24	10	19	25	28	84	29	15	5.4	2.8	6.2	23	4.4
25	10	14	23	65	57	28	15	5.8	2.3	5.0	15	2.6
26	9.8	14	23	170	49	26	14	4.9	2.0	4.1	13	1.9
27	9.4	13	22	56	47	28	14	4.4	1.9	3.9	12	1.6
28	9.1	13	22	41	45	26	14	8.7	2.1	3.9	10	1.5
29	9.0	13	21	38	---	26	19	11	2.5	3.6	8.7	1.4
30	8.5	13	20	52	---	31	15	8.2	3.5	3.7	7.8	1.6
31	8.3	---	21	39	---	82	---	6.3	---	3.7	7.1	---
TOTAL	1383.1	327.8	1152	1750	1954	1432	625	319.2	121.1	149.7	356.5	158.9
MEAN	44.6	10.9	37.2	56.5	69.8	46.2	20.8	10.3	4.04	4.83	11.5	5.30
MAX	654	23	169	432	341	221	44	22	8.7	15	33	18
MIN	8.3	6.8	12	25	30	26	14	4.4	1.9	2.0	3.7	1.4

CAL YR 1989 TOTAL 13663.4 MEAN 37.4 MAX 1100 MIN 4.0
WTR YR 1990 TOTAL 9729.3 MEAN 26.7 MAX 654 MIN 1.4

Santee River Basin

165

02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC

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

DRAINAGE AREA.--5.67 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 199.10 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: June 26 to Aug. 21, which are fair, and Feb. 17 - 23, which are poor.

AVERAGE DISCHARGE.--14 years, 9.10 ft³/s, 21.80 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,080 ft³/s, July 4, 1989, gage height, 11.51 ft; minimum, 0.46 ft³/s, Aug. 1, 2, 4, 5, 11-14, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 901 ft³/s, Dec. 8, gage height, 6.21 ft; minimum, 0.93 ft³/s, Aug. 2, 4 - 6, 21, Sept. 2 - 4, 6, 7, 10 - 13, 28, 29, gage height, 0.43 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83	2.2	2.6	10	4.2	4.7	4.2	2.2	2.0	11	1.1	1.1
2	21	14	2.6	4.5	4.6	5.8	3.7	2.2	1.8	1.7	1.1	1.1
3	7.9	2.9	2.6	4.4	4.5	18	3.4	2.0	1.8	1.3	1.2	.93
4	6.2	2.3	2.6	4.4	6.8	4.9	3.4	40	2.1	1.2	1.1	1.0
5	5.3	2.3	2.7	7.8	4.0	4.5	3.3	48	1.7	1.2	1.1	1.1
6	4.4	2.2	2.6	30	3.9	4.4	3.2	3.9	1.5	1.2	13	1.1
7	4.0	2.4	29	38	4.3	4.3	6.5	3.0	1.5	1.3	1.7	1.0
8	3.6	2.3	136	24	4.2	4.2	3.0	2.6	1.6	1.2	1.3	2.4
9	3.4	3.0	28	8.4	16	8.3	2.8	2.9	16	5.4	1.2	1.3
10	3.1	2.1	8.9	7.0	5.9	4.3	2.8	20	3.9	1.2	1.2	1.0
11	3.1	2.1	6.6	6.2	4.3	4.0	2.9	2.7	1.6	1.4	145	1.2
12	3.1	2.1	48	5.8	4.0	4.1	2.8	2.5	1.4	19	6.3	1.1
13	3.1	2.1	15	5.1	3.9	3.9	2.6	2.3	1.4	5.7	2.7	1.1
14	3.4	2.2	7.1	5.0	4.0	3.7	2.6	2.3	1.5	27	2.1	66
15	3.3	16	6.1	4.8	4.1	4.4	2.8	2.5	1.4	1.8	2.0	1.8
16	3.1	21	5.5	4.9	34	3.7	2.6	6.3	1.5	1.6	1.9	1.4
17	3.0	2.6	5.0	4.7	15	23	2.5	2.7	1.4	1.5	1.7	1.1
18	10	2.5	4.8	5.1	7.0	4.7	2.3	2.1	1.3	1.5	1.7	1.1
19	3.5	2.6	18	4.7	6.5	3.9	2.3	2.1	1.3	39	1.7	1.2
20	3.1	2.6	5.8	4.7	6.0	3.5	2.4	2.1	1.4	3.9	1.6	1.3
21	3.1	2.6	5.0	9.4	50	3.4	2.3	6.7	1.3	3.7	2.1	1.3
22	3.1	3.1	4.7	4.4	15	3.5	2.4	2.0	3.2	2.9	12	8.3
23	3.0	24	4.0	4.3	8.4	3.4	2.3	2.0	1.4	1.5	15	1.1
24	2.9	3.2	4.1	4.2	6.6	3.3	2.1	2.0	1.2	1.5	1.9	1.1
25	3.1	2.8	4.8	31	5.5	3.1	2.1	1.9	1.2	1.5	1.4	1.1
26	3.1	2.8	4.9	8.3	5.0	6.3	2.0	1.9	1.4	1.4	1.4	1.1
27	3.1	2.7	4.3	5.0	5.0	3.6	2.0	1.8	1.4	1.3	1.3	1.1
28	3.1	2.9	4.2	4.5	5.0	3.1	28	29	1.4	1.3	1.3	1.1
29	3.1	2.7	4.0	10	---	12	4.0	4.6	1.4	1.2	1.3	1.0
30	4.2	2.6	4.0	4.9	---	17	2.7	2.0	1.4	1.2	1.3	1.2
31	2.6	---	14	4.4	---	17	---	1.9	---	1.2	1.4	---
TOTAL	215.0	140.9	397.5	279.9	247.7	198.0	112.0	210.2	63.4	147.8	231.1	107.73
MEAN	6.94	4.70	12.8	9.03	8.85	6.39	3.73	6.78	2.11	4.77	7.45	3.59
MAX	83	24	136	38	50	23	28	48	16	39	145	66
MIN	2.6	2.1	2.6	4.2	3.9	3.1	2.0	1.8	1.2	1.2	1.1	.93

CAL YR 1989 TOTAL 4600.7 MEAN 12.6 MAX 322 MIN 2.1
WTR YR 1990 TOTAL 2351.23 MEAN 6.44 MAX 145 MIN .93

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.

PERIOD OF RECORD.--October 1986 to current year. Records for October 1981 to September 1986 are in files of the U.S. Geological Survey.

REMARKS.--Flow is regulated by Parr Shoals Reservoir (see sta. 02160990) and by gates at this station.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 59.16 ft, Feb. 19; minimum, 48.32 ft, Aug. 30.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	52.28	52.65	53.86	54.56	54.11	54.55	53.49	54.35	50.76	50.95	51.27
2	---	51.88	53.99	53.91	54.62	53.86	54.36	52.08	54.06	---	51.66	51.97
3	---	50.11	54.04	54.44	54.76	54.91	54.41	54.18	53.77	---	51.03	54.11
4	---	52.74	52.94	54.07	54.48	54.49	54.29	54.49	53.76	51.29	51.74	54.21
5	---	51.43	52.15	54.48	54.18	54.79	54.35	54.53	52.18	51.93	50.90	54.15
6	55.01	50.58	51.64	54.35	54.36	54.33	54.18	54.33	52.08	51.88	52.35	51.27
7	53.85	51.19	53.16	54.05	54.67	53.53	54.14	54.19	52.47	51.12	52.23	50.92
8	52.64	52.74	54.53	55.04	54.79	53.62	54.09	54.30	52.21	51.06	51.84	48.84
9	53.91	50.72	55.15	55.57	54.65	54.16	53.87	54.32	51.41	51.42	51.74	50.74
10	53.92	51.37	55.93	55.41	55.41	54.49	53.87	54.34	53.88	51.25	51.88	52.89
11	53.90	51.77	56.02	54.60	56.81	53.85	54.01	54.44	53.31	51.97	51.02	51.08
12	53.79	52.50	55.61	53.92	56.93	---	54.04	54.40	53.12	51.12	49.92	52.21
13	---	51.86	55.74	54.04	55.62	53.95	54.09	54.40	53.75	51.48	50.95	50.57
14	---	52.30	56.56	54.17	54.75	53.99	54.09	54.38	53.75	51.64	52.46	53.71
15	51.96	51.28	55.59	53.74	54.45	54.17	54.12	54.34	52.10	53.79	51.90	54.15
16	51.75	51.05	55.33	53.57	54.23	54.68	53.96	54.34	51.13	53.73	52.54	51.64
17	---	52.67	54.38	53.82	57.31	54.87	54.00	54.31	51.36	52.97	52.41	50.62
18	---	52.67	53.99	53.75	58.56	56.22	54.01	54.21	52.45	53.53	51.07	52.27
19	53.33	52.64	54.01	53.63	58.83	58.08	54.05	53.85	52.47	53.98	51.99	52.42
20	53.22	52.53	54.03	53.78	58.92	57.60	54.29	53.87	51.59	52.08	52.17	50.73
21	53.03	52.88	53.96	54.06	57.98	56.76	54.33	53.20	51.46	52.39	52.86	52.35
22	53.45	52.97	53.74	54.14	56.37	54.34	54.32	53.66	52.18	53.11	52.31	50.93
23	52.02	53.16	52.98	54.48	55.46	54.35	54.03	53.81	53.64	52.42	52.77	49.94
24	52.22	53.30	53.14	55.21	55.76	54.79	53.79	54.11	52.16	52.83	52.91	50.85
25	53.14	53.34	53.37	54.57	54.50	54.28	53.79	53.92	50.63	52.66	54.10	52.52
26	52.62	53.39	53.40	54.88	54.93	54.29	53.13	54.27	53.17	53.66	52.75	52.25
27	51.88	53.18	53.34	55.44	54.38	54.23	54.03	54.13	52.37	52.85	51.92	51.75
28	50.90	53.19	52.67	55.39	54.33	54.23	54.26	53.85	51.11	52.53	52.50	50.61
29	49.88	52.24	52.54	54.91	---	54.35	54.05	54.09	50.39	49.92	53.43	50.20
30	52.08	49.74	52.61	54.46	---	54.53	53.97	54.40	49.90	52.77	51.18	50.12
31	52.15	---	52.73	54.15	---	54.36	---	54.45	---	52.25	51.77	---
MEAN	52.76	52.12	53.93	54.38	55.59	54.67	54.08	54.09	52.41	52.22	51.98	51.71
MAX	55.01	53.39	56.56	55.57	58.92	58.08	54.55	54.53	54.35	53.98	54.10	54.21
MIN	49.88	49.74	51.64	53.57	54.18	53.53	53.13	52.08	49.90	49.92	49.92	48.84
CAL YR 1989	TOTAL 10898.87		MEAN 52.91	MAX 57.28		MIN 48.87						
WTR YR 1990	TOTAL 18827.26		MEAN 53.34	MAX 58.92		MIN 48.84						

Santee River Basin

167

02162110 BROAD RIVER DIVERSION CANAL (FOREBAY) AT COLUMBIA, SC

LOCATION.--Lat 33°59'59'', long 81°03'00'', Richland County, Hydrologic Unit 03050110, on left bank of the diversion canal, approximately 300 ft above Gervais Street Bridge, at South Carolina Electric and Gas hydroelectric power plant, which is located on left bank of Congaree River, at Columbia.

DRAINAGE AREA.--Undetermined.

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 National Geodetic Vertical Datum at 1929.

REMARKS.--Stage regulated by the flow in the Broad River by South Carolina Electric and Gas hydroelectric plant operations.

EXTREMES FOR PERIOD OF RECORD.-- Maximum gage height, 54.63 ft, Apr. 4, 1990; minimum, 45.17 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 54.63 ft, Apr. 4; minimum, 47.04 ft, Aug. 30.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.61	51.38	51.59	52.07	53.28	---	53.40	51.95	53.09	50.38	50.77	50.86
2	53.84	51.11	52.05	52.08	53.32	---	52.90	50.91	53.10	50.48	51.37	51.32
3	54.13	50.26	52.06	52.80	53.61	---	53.37	53.23	52.88	52.86	50.84	53.29
4	53.58	51.82	51.16	52.33	53.36	---	53.90	53.72	52.77	50.67	51.40	53.44
5	53.07	50.60	50.79	52.84	53.02	---	54.16	53.77	51.62	51.59	50.71	53.35
6	52.91	50.38	50.66	52.70	53.18	---	54.03	53.58	51.57	51.60	51.91	50.37
7	51.93	50.42	51.18	52.30	53.54	---	54.11	53.28	51.82	50.95	51.26	49.99
8	51.49	51.88	52.40	53.46	53.66	---	54.04	53.53	51.32	50.88	50.80	48.51
9	51.96	50.49	52.78	54.04	53.52	---	53.65	53.57	50.67	51.19	50.65	50.30
10	51.97	50.71	53.25	53.36	53.68	---	53.55	53.59	53.17	50.50	51.00	52.14
11	51.97	51.17	53.34	52.98	53.58	---	53.71	53.68	52.49	51.75	50.57	50.68
12	51.89	51.47	52.91	52.16	53.38	---	53.80	53.64	52.26	50.92	49.68	51.71
13	51.38	50.61	53.15	52.29	53.36	---	53.97	53.65	53.00	51.24	50.84	50.13
14	49.63	51.19	54.10	52.45	53.52	---	53.94	53.62	53.00	51.30	52.37	52.95
15	51.01	50.68	52.98	51.89	53.31	51.59	53.98	53.63	51.34	53.10	51.68	53.46
16	50.80	50.79	52.69	51.66	52.86	52.36	53.60	53.68	50.50	52.98	52.33	51.20
17	51.25	51.84	52.12	51.98	53.55	52.62	53.33	53.66	50.92	52.18	52.22	50.48
18	51.47	51.81	52.28	51.96	53.37	53.07	52.66	53.56	51.95	52.75	50.85	52.18
19	51.64	51.73	52.32	51.76	53.16	53.12	52.80	53.18	51.62	53.25	51.77	52.27
20	51.43	51.59	52.34	51.94	53.21	52.59	53.52	53.18	50.76	51.49	51.93	50.44
21	51.20	52.02	52.24	52.61	52.82	52.43	53.59	52.68	50.88	51.97	52.44	51.58
22	51.83	52.08	52.00	52.89	51.77	51.17	53.58	52.96	51.62	52.49	51.86	50.01
23	51.00	52.24	51.28	53.14	52.69	53.35	52.79	53.18	52.94	51.67	52.12	49.64
24	51.59	52.30	51.59	53.22	53.33	53.75	52.24	53.50	51.59	52.33	52.05	50.71
25	52.23	52.24	51.84	53.37	52.48	53.02	52.20	53.45	50.39	51.89	53.43	51.99
26	51.37	52.19	51.88	53.38	53.17	52.89	51.98	53.83	52.51	52.93	52.01	51.81
27	49.89	51.84	51.82	53.61	52.71	53.02	52.73	53.72	51.39	52.14	51.16	50.73
28	50.19	52.14	50.92	53.56	52.62	52.99	53.39	53.45	50.40	51.84	51.63	50.16
29	50.00	51.41	50.75	53.37	---	53.25	53.14	53.57	50.04	49.56	52.55	49.98
30	51.39	49.65	50.85	53.12	---	53.33	52.70	53.26	49.81	52.18	50.24	49.90
31	50.97	---	50.92	52.93	---	53.21	---	53.30	---	51.53	51.14	---
MEAN	51.67	51.33	52.01	52.72	53.18	52.81	53.36	53.34	51.71	51.70	51.47	51.19
MAX	54.13	52.30	54.10	54.04	53.68	53.75	54.16	53.83	53.17	53.25	53.43	53.46
MIN	49.63	49.65	50.66	51.66	51.77	51.17	51.98	50.91	49.81	49.56	49.68	48.51

CAL YR 1989 TOTAL 18892.03 MEAN 51.76 MAX 54.13 MIN 47.55
WTR YR 1990 TOTAL 18314.41 MEAN 52.18 MAX 54.16 MIN 48.51

SANTEE RIVER BASIN

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°07'12'', long 82°32'16'', Greenville County, Hydrologic Unit 03050109, on right bank, downstream side of bridge at State Road 41, 3.9 mi north of Cleveland, and 5.0 mi east of Caesars Head.

DRAINAGE AREA.--21.0 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,078 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGES.--10 years, 52.1 ft³/s, 33.69 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,190 ft³/s gage height, 11.21 ft, Jun. 11, 1986; minimum, 8.9 ft³/s, gage height, 1.93 ft, Oct 7, 8, 1981; minimum daily discharge, 10 ft³/s, Oct. 3, 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1900 ft³/s, Mar. 17, gage height, 7.44 ft; minimum, 21 ft³/s, Sept. 27 - 29, gage height, 2.08 ft; minimum daily discharge, 22 ft³/s, Sept. 26 - 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	538	47	48	157	97	118	121	66	48	26	66	43
2	291	46	47	102	91	166	117	83	50	26	59	36
3	156	45	46	85	88	246	108	83	51	25	70	32
4	119	44	45	94	146	169	103	72	47	24	43	30
5	101	44	45	85	112	147	99	67	45	23	44	29
6	90	50	44	93	100	135	97	61	44	33	63	28
7	81	46	45	87	96	125	93	58	42	29	42	27
8	75	59	92	112	89	125	89	56	50	26	38	26
9	69	65	78	97	95	128	86	107	67	25	35	45
10	66	69	70	88	266	117	104	300	49	28	39	30
11	63	57	65	81	161	111	102	125	42	25	36	28
12	60	48	128	75	131	107	88	99	40	24	31	42
13	57	44	120	71	118	103	84	89	39	39	32	38
14	55	43	91	69	110	100	83	82	38	97	38	36
15	53	53	79	67	104	98	81	77	42	60	33	37
16	55	152	70	65	574	359	78	73	39	37	32	30
17	95	79	65	63	261	936	76	74	38	31	29	28
18	92	66	63	62	197	312	73	67	40	29	27	26
19	110	59	61	59	198	232	71	65	37	94	26	26
20	82	56	59	67	167	197	70	69	34	70	25	25
21	71	53	57	98	152	179	70	64	33	52	25	25
22	65	66	52	72	206	165	68	61	35	47	31	33
23	60	80	44	64	185	154	67	59	33	40	85	25
24	59	63	46	69	159	146	65	57	31	35	42	23
25	56	59	50	130	144	139	64	56	30	48	40	23
26	53	57	50	105	134	136	64	55	29	37	34	22
27	52	55	49	89	130	128	65	54	34	32	31	22
28	50	54	48	82	124	121	92	61	31	30	29	22
29	49	50	48	155	---	126	77	65	30	30	35	22
30	48	49	49	139	---	124	65	52	28	30	35	22
31	51	---	201	109	---	124	---	50	---	36	83	---
TOTAL	2922	1758	2055	2791	4435	5573	2520	2407	1196	1188	1278	881
MEAN	94.3	58.6	66.3	90.0	158	180	84.0	77.6	39.9	38.3	41.2	29.4
MAX	538	152	201	157	574	936	121	300	67	97	85	45
MIN	48	43	44	59	88	98	64	50	28	23	25	22

CAL YR 1989 TOTAL 23523 MEAN 64.4 MAX 538 MIN 23
WTR YR 1990 TOTAL 29004 MEAN 79.5 MAX 936 MIN 22

02162500 SALUDA RIVER NEAR GREENVILLE, SC

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

DRAINAGE AREA.--295 mi².

PERIOD OF RECORD.--October 1941 to September 1978, October 1978 to January 1990 (crest-stage partial record), February 1990 to September 1990.

GAGE.--Data collection platform. Datum of gage is 797.48 ft above National Geodetic Vertical datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: Mar. 21 - 23, 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. About 65.8 ft³/s diverted above station for city of Greenville water supply during the water 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 below station near Greenville.

AVERAGE DISCHARGE.--37 years (1941 - 78), 647 ft³/s, 29.78 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft³/s, Oct. 7, 1949, gage height, 19.38 ft, from rating curve extended above 7,500 ft³/s on basis of computation of peak flow over dam at Saluda Lake; minimum, 28 ft³/s, Feb. 1, 1956, gage height, 1.65 ft; minimum daily, 70 ft³/s, Oct. 16, 1954.

EXTREMES FOR CURRENT YEAR.--February 1990 to September 1990: Peak discharges above base of 2,800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Mar. 17	1345	7,790	14.25	No other peak greater than base discharge.			

Minimum recorded discharge, 40 ft³/s, May 14, gage height, 1.77 ft, but may have been less during period of no gage-height record, May 14 - 21; minimum daily 240 ft³/s, Sept. 22, 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	1150	1330	741	530	305	329	492
2	---	---	---	---	---	1190	1280	682	481	302	434	384
3	---	---	---	---	---	2380	1250	747	524	283	475	351
4	---	---	---	---	---	2250	1200	881	538	252	368	336
5	---	---	---	---	---	1660	1180	831	499	266	297	314
6	---	---	---	---	---	1440	773	688	467	281	365	331
7	---	---	---	---	---	1340	1090	508	461	283	654	292
8	---	---	---	---	---	1300	1160	645	448	300	449	264
9	---	---	---	---	---	1300	1080	691	460	274	317	303
10	---	---	---	---	---	1260	736	1470	510	265	538	328
11	---	---	---	---	---	1140	741	1440	539	278	380	309
12	---	---	---	---	---	1170	1050	1030	525	274	286	281
13	---	---	---	---	---	1130	1060	988	499	274	303	344
14	---	---	---	---	---	1070	837	850	382	436	307	394
15	---	---	---	---	---	1140	978	760	329	704	301	402
16	---	---	---	---	---	973	914	720	332	426	318	376
17	---	---	---	---	---	5830	879	680	425	357	331	339
18	---	---	---	---	---	6910	789	650	386	345	329	331
19	---	---	---	---	---	3190	854	620	410	369	296	329
20	---	---	---	---	---	2090	854	680	383	609	251	296
21	---	---	---	---	---	1850	712	650	333	448	252	248
22	---	---	---	---	---	1700	820	612	334	436	297	240
23	---	---	---	---	---	1560	850	566	348	435	340	310
24	---	---	---	---	---	1500	843	541	346	395	571	323
25	---	---	---	---	---	1430	556	541	337	586	443	277
26	---	---	---	---	1270	1200	728	541	344	693	332	257
27	---	---	---	---	1210	1500	655	541	344	452	310	264
28	---	---	---	---	1180	1350	788	541	337	311	284	264
29	---	---	---	---	---	1290	950	753	307	323	271	247
30	---	---	---	---	---	1330	884	694	305	337	287	240
31	---	---	---	---	---	1380	---	617	---	324	553	---
TOTAL	---	---	---	---	3660	56003	27821	22899	12463	11623	11268	9466
MEAN	---	---	---	---	1220	1807	927	739	415	375	363	316
MAX	---	---	---	---	1270	6910	1330	1470	539	704	654	492
MIN	---	---	---	---	1180	973	556	508	305	252	251	240

WTR YR 1990 TOTAL 155203 MEAN 715 MAX 6910 MIN 240

SANTEE RIVER BASIN

02163500 SALUDA RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°23'01'', long 82°13'12'', Greenwood County, Hydrologic Unit 03050109, on right bank, 2.0 mi southeast of Ware Shoals, 2.5 mi downstream from Ware Shoals Dam, 5.0 mi upstream from Turkey Creek, and at mile 83.7.

DRAINAGE AREA.--581 mi².

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 448 ft above National Geodetic Vertical Datum of 1929 (by barometer).

REMARKS.--Records good, except those below 150 ft³/s, which are poor. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff. About 65.8 ft³/s diverted above station for City of Greenville water supply during water 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 Reedy River near Greenville.

AVERAGE DISCHARGE.--52 years, 991 ft³/s, 23.16 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,700 ft³/s, Sept. 14, 1973, gage height, 22.85 ft, from rating curve extended above 14,000 ft³/s on basis of computation of peak flow over dam; minimum, less than 3.0 ft³/s, Aug. 4, 8, 1986 (revised); minimum daily, 11 ft³/s, Oct. 12, 19, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 1	1700	8480	13.78	Feb. 19	0730	6780	11.97
Feb. 17	0030	5550	10.38	Mar. 18	0830	* 12000	* 17.03

Minimum daily, 243 ft³/s, Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4850	677	758	1460	1870	1850	1930	1110	785	436	419	793
2	7320	582	594	2040	1400	1750	1840	946	735	427	364	806
3	5530	694	689	1430	1400	3160	1700	975	640	485	515	606
4	3150	517	671	1180	1300	3860	1620	947	811	336	614	446
5	1970	462	498	1250	1830	3010	1550	1050	729	399	551	446
6	1550	682	593	1210	1980	2330	1500	1030	693	346	431	495
7	1200	778	685	1380	1570	2080	1120	993	645	389	541	452
8	1000	655	1060	1480	1330	1930	1360	715	658	411	773	437
9	1040	754	1620	1950	1380	1950	1500	914	630	553	575	417
10	901	644	1800	1600	2670	1980	1370	1060	619	490	391	383
11	736	633	1510	1370	3130	1810	1190	1770	794	373	681	480
12	612	856	1570	981	2770	1660	1080	1550	719	392	584	433
13	732	632	2950	1180	2140	1690	1340	1170	696	435	352	463
14	716	440	2470	922	1840	1670	1290	1280	659	517	416	627
15	611	476	1700	780	1820	1630	1160	881	583	734	629	548
16	640	1050	1430	762	2420	1760	1300	973	475	950	506	501
17	722	971	1270	806	4920	6120	1270	932	457	631	366	543
18	719	1270	899	855	4920	11400	1180	891	656	506	369	512
19	1090	1160	921	999	5490	8610	1050	849	581	535	470	395
20	1240	998	988	794	3390	4380	1110	810	541	573	449	435
21	1140	905	847	1560	2610	3100	1100	959	562	816	386	418
22	774	627	970	1950	2400	2610	931	840	465	693	718	427
23	842	750	630	1390	2860	2370	1100	809	500	667	975	363
24	803	877	673	1290	2610	2180	1030	791	452	607	541	428
25	833	908	683	1960	2220	2010	1080	759	518	567	710	371
26	773	1000	766	3540	2030	2000	811	676	450	769	698	372
27	687	866	755	2420	1910	1800	905	756	488	899	543	400
28	727	935	779	1790	1830	1980	862	801	508	631	474	411
29	741	788	700	1580	---	1860	1200	927	452	473	454	383
30	563	702	696	1610	---	1860	1290	945	377	467	480	243
31	643	---	647	2090	---	1920	---	871	---	473	718	---
TOTAL	44855	23289	32822	45609	68040	88320	37769	29980	17878	16980	16693	14034
MEAN	1447	776	1059	1471	2430	2849	1259	967	596	548	538	468
MAX	7320	1270	2950	3540	5490	11400	1930	1770	811	950	975	806
MIN	563	440	498	762	1300	1630	811	676	377	336	352	243

CAL YR 1989 TOTAL 318872 MEAN 874 MAX 7320 MIN 99
WTR YR 1990 TOTAL 436269 MEAN 1195 MAX 11400 MIN 243

SANTEE RIVER BASIN

02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02'', long 82°09'10'', Laurens County, Hydrologic Unit 03050109, on downstream side of State Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 8.7.

DRAINAGE AREA.--236 mi².

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

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

GAGE.--Water-stage recorder. Datum of gage is 453.86 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, at site 4.1 mi upstream at datum 26.76 ft higher.

REMARKS.--No estimated daily discharges. Records fair. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by City of Greenville above station 02163500.

AVERAGE DISCHARGE.--51 years, 348 ft³/s, 20.02 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft³/s, Sept. 14, 1973, gage height, 15.40 ft; minimum, 2.7 ft³/s, July 6, 1967, gage height, 0.42 ft; minimum daily, 4.8 ft³/s, Sept. 9, 1973.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 1	1430	4500	12.81	Mar. 18	2130	* 5350	* 14.51
Feb. 18	0030	2760	9.61				

Minimum discharge, 41 ft³/s, Aug. 17, minimum daily, 70 ft³/s, Aug. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2720	214	201	755	540	626	980	585	187	174	76	236
2	3400	219	214	924	472	674	557	320	174	99	71	156
3	2490	164	227	605	437	1300	775	243	176	99	97	98
4	625	215	214	401	593	1550	708	230	168	92	123	95
5	327	213	165	397	551	954	611	483	159	102	74	87
6	248	197	234	587	568	760	401	475	163	118	79	99
7	217	232	288	824	461	758	465	297	162	168	73	122
8	210	359	550	720	429	680	557	367	162	145	111	86
9	205	285	1160	1010	438	610	513	376	162	86	140	85
10	191	223	1040	748	1170	642	503	639	166	123	70	77
11	146	197	820	484	1740	630	757	890	187	179	165	83
12	85	167	716	540	1010	601	638	518	202	163	147	106
13	119	215	1450	445	785	589	428	303	197	144	116	265
14	168	215	1380	281	716	586	479	301	189	123	78	172
15	199	216	758	270	481	465	501	239	167	169	92	149
16	166	478	700	255	725	490	624	205	136	191	120	131
17	136	855	455	358	2040	1410	529	205	108	189	76	86
18	177	468	264	326	1760	4190	652	214	142	155	75	86
19	182	268	300	316	2080	3250	783	222	117	116	76	89
20	333	232	320	316	1570	1260	556	219	172	162	77	81
21	231	205	316	740	994	943	207	289	170	162	74	94
22	206	195	315	1320	892	903	141	259	168	193	103	106
23	172	356	311	700	1220	805	229	210	169	206	315	141
24	186	880	306	533	1020	728	318	208	144	168	146	141
25	136	430	252	992	809	586	347	187	109	133	152	127
26	185	240	200	1740	766	585	359	171	163	101	114	89
27	190	297	214	1220	522	765	305	169	94	166	79	78
28	177	267	275	711	526	581	324	164	111	158	138	84
29	191	215	320	578	---	669	579	280	116	149	138	85
30	250	200	258	762	---	599	877	256	192	132	113	84
31	163	---	266	594	---	750	---	204	---	80	91	---
TOTAL	14431	8917	14489	20452	25315	29939	15703	9728	4732	4445	3399	3418
MEAN	466	297	467	660	904	966	523	314	158	143	110	114
MAX	3400	880	1450	1740	2080	4190	980	890	202	206	315	265
MIN	85	164	165	255	429	465	141	164	94	80	70	77

CAL YR 1989 TOTAL 117359 MEAN 322 MAX 3400 MIN 24
WTR YR 1990 TOTAL 154968 MEAN 425 MAX 4190 MIN 70

SANTÉE RIVER BASIN

173

02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC

LOCATION.--Lat 34°31'12'', long 82°09'26'', Laurens County, Hydrologic Unit 03050109, at left bank, 125 ft upstream from U.S. Highway 76, 2.5 mi upstream from North Rabon Creek and 7.0 mi southwest of Gray Court.

DRAINAGE AREA.--29.5 mi².

PERIOD OF RECORD.--January 1967 to September 1981, May 1990 to September 1990.

GAGE.--Data Collection Platform. Datum of gage is 547.37 ft above National Geodetic Vertical Datum of 1929. Prior to May 1990, at datum 1.00 ft higher.

REMARKS.--Records good, except estimated daily discharges: May 22 - 24, July 10, 14, 15, 18 - 31, Aug. 8 - 13, 16 - 24, 27 - 31, which are poor.

AVERAGE DISCHARGE.--14 years (water years 1968 - 81), 40.0 ft³/s, 18.41 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,100 ft³/s, Sept. 14, 1973, gage height, 9.86 ft; minimum daily, 3.4 ft³/s, Sept. 29, 30, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 10	0615	* 53	* 1.75				
Minimum daily, 5.6 ft ³ /s, Aug. 19, 20.							

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	21	9.9	7.2	17
2	---	---	---	---	---	---	---	---	21	9.6	6.8	13
3	---	---	---	---	---	---	---	29	22	9.3	6.7	11
4	---	---	---	---	---	---	---	32	21	8.9	6.5	9.2
5	---	---	---	---	---	---	---	32	20	8.6	6.2	8.2
6	---	---	---	---	---	---	---	29	19	8.4	6.6	7.7
7	---	---	---	---	---	---	---	28	18	8.7	8.1	7.4
8	---	---	---	---	---	---	---	27	18	8.3	9.1	6.9
9	---	---	---	---	---	---	---	30	19	8.1	8.8	6.7
10	---	---	---	---	---	---	---	46	22	7.8	11	6.8
11	---	---	---	---	---	---	---	38	19	7.4	10	6.7
12	---	---	---	---	---	---	---	32	17	7.3	9.4	6.4
13	---	---	---	---	---	---	---	29	16	8.6	8.8	6.8
14	---	---	---	---	---	---	---	27	16	12	8.3	8.5
15	---	---	---	---	---	---	---	26	15	15	7.8	9.7
16	---	---	---	---	---	---	---	25	16	17	7.0	8.8
17	---	---	---	---	---	---	---	26	16	13	6.5	7.6
18	---	---	---	---	---	---	---	25	16	10	5.8	6.8
19	---	---	---	---	---	---	---	24	15	11	5.6	6.4
20	---	---	---	---	---	---	---	24	14	17	5.6	6.1
21	---	---	---	---	---	---	---	28	14	12	7.0	6.0
22	---	---	---	---	---	---	---	27	14	15	20	10
23	---	---	---	---	---	---	---	26	14	12	15	11
24	---	---	---	---	---	---	---	24	13	11	12	9.2
25	---	---	---	---	---	---	---	23	12	10	11	8.2
26	---	---	---	---	---	---	---	22	12	9.0	10	7.6
27	---	---	---	---	---	---	---	22	11	8.5	9.4	7.3
28	---	---	---	---	---	---	---	25	11	8.0	8.5	6.9
29	---	---	---	---	---	---	---	26	11	7.5	8.2	6.9
30	---	---	---	---	---	---	---	23	10	7.5	10	7.0
31	---	---	---	---	---	---	---	21	---	7.9	14	---
TOTAL	---	---	---	---	---	---	---	796	483	314.3	276.9	247.8
MEAN	---	---	---	---	---	---	---	27.4	16.1	10.1	8.93	8.26
MAX	---	---	---	---	---	---	---	46	22	17	20	17
MIN	---	---	---	---	---	---	---	21	10	7.3	5.6	6.0

WTR YR 1990 TOTAL 2118.0 MEAN 14.0 MAX 46 MIN 5.6

SANTEE RIVER BASIN

02166500 LAKE GREENWOOD NEAR CHAPPELLE, SC

LOCATION.--Lat 34°10'08'', long 81°54'30'', Newberry County, Hydrologic Unit 03050109, at upstream end of dam on Saluda River, 0.7 mi upstream from Wilson Creek and 2.4 mi west of Chappells.

DRAINAGE AREA.--1,170 mi².

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Dan T. Duncan Engineering Co.). Prior to June 11, 1940, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft³ between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) NGVD. Dead storage is about 3,500,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1.5 ft flashboards on top of spillway gages is 441.5 ft NGVD. 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 was first reached, 424.42 ft, Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 440.11 ft, Feb. 19; minimum, 435.99 ft, Jan. 20.

Capacity table (elevation, in feet) and usable contents
(in billions of cubic feet)
(prepared from capacity curve drawn by D. T. Duncan, Engineer)

433.0 ft	4.51 ft ³	438.0 ft	6.72 ft ³
434.0 ft	4.94 ft ³	439.0 ft	7.18 ft ³
435.0 ft	5.38 ft ³	440.0 ft	7.64 ft ³
436.0 ft	5.82 ft ³	441.0 ft	8.10 ft ³
437.0 ft	6.27 ft ³	442.0 ft	8.56 ft ³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	439.99	438.52	438.42	437.16	438.11	439.73	438.82	438.16	438.95	439.02	439.00	439.01
2	439.97	438.50	438.34	437.07	437.99	439.71	438.53	438.23	439.01	438.99	439.02	439.01
3	439.97	438.47	438.29	436.90	437.86	440.01	438.19	438.33	439.00	439.01	439.01	439.00
4	439.91	438.54	438.20	436.76	437.77	439.95	438.03	438.42	439.01	439.01	439.02	438.88
5	439.64	438.51	438.22	436.86	437.72	439.97	438.00	438.47	439.01	439.01	439.03	438.90
6	439.25	438.49	438.35	436.74	437.71	439.89	437.94	438.52	439.02	439.02	439.00	438.90
7	438.77	438.55	438.56	436.86	437.63	439.83	437.82	438.50	439.05	439.02	439.02	438.87
8	438.49	438.47	438.68	436.91	437.47	439.83	437.90	438.59	439.02	438.98	439.03	438.89
9	438.52	438.47	438.56	436.98	437.68	439.80	437.96	438.60	439.08	438.98	438.99	438.82
10	438.53	438.47	438.39	436.87	438.50	439.77	437.81	438.68	439.02	439.01	438.99	438.81
11	438.54	438.53	438.59	436.69	439.08	439.70	437.75	438.82	438.99	438.99	439.01	438.84
12	438.49	438.46	438.74	436.57	439.38	439.60	437.84	438.81	439.00	439.01	438.98	438.78
13	438.54	438.75	438.55	436.60	439.46	439.50	437.90	438.80	439.05	439.02	438.99	438.81
14	438.52	438.65	438.32	436.59	439.44	439.37	437.91	438.89	439.01	439.02	439.00	438.69
15	438.52	438.53	438.09	436.51	439.38	439.26	437.82	438.99	439.00	439.01	439.04	438.72
16	438.50	438.47	437.62	436.50	439.99	439.23	437.83	439.00	438.99	439.01	438.98	438.70
17	438.50	438.57	437.59	436.47	439.94	440.08	437.83	439.04	439.02	439.02	439.01	438.70
18	438.43	438.55	437.62	436.34	440.08	439.94	437.85	439.04	438.98	439.05	439.00	438.70
19	438.57	438.53	437.60	436.10	439.82	439.88	437.89	439.01	439.01	439.03	439.01	438.70
20	438.52	438.49	437.52	436.13	439.97	439.87	437.89	438.98	439.03	438.99	439.01	438.75
21	438.49	438.54	437.49	436.23	439.92	440.02	437.87	439.01	438.99	439.09	439.16	438.70
22	438.52	438.55	437.46	436.70	439.88	439.97	437.83	439.01	439.04	439.04	439.00	438.66
23	438.54	438.56	437.36	436.77	439.92	439.90	437.92	438.98	439.02	439.01	439.01	438.57
24	438.51	438.53	437.41	437.02	440.00	439.85	437.70	439.00	439.02	439.00	439.04	438.61
25	438.51	438.61	437.42	437.17	440.02	439.84	437.68	438.99	439.01	438.99	439.03	438.59
26	438.53	438.61	437.24	437.79	439.92	439.75	437.75	439.02	438.98	439.01	439.00	438.60
27	438.51	438.50	437.20	438.12	439.87	439.55	437.89	438.99	439.02	439.01	439.01	438.60
28	438.52	438.58	437.10	438.15	439.80	439.49	438.09	439.25	438.98	438.99	439.00	438.51
29	438.53	438.48	437.12	438.17	---	439.44	437.91	439.05	439.01	439.00	439.07	438.51
30	438.52	438.48	437.02	438.10	---	439.34	438.01	438.95	438.99	438.99	439.05	438.50
31	438.53	---	437.09	438.15	---	439.07	---	438.97	---	439.00	439.01	---
MAX	439.99	438.75	438.74	438.17	440.08	440.08	438.82	439.25	439.08	439.09	439.16	439.01
MIN	438.43	438.46	437.02	436.10	437.47	439.07	437.68	438.16	438.95	438.98	438.98	438.50
[+]	6.96	6.94	6.31	6.79	7.55	7.21	6.72	7.17	7.18	7.18	7.18	6.95
[*]	-3.7	-7.7	-235	179	314	-127	-189	168	3.9	0	0	-88.7
CAL YR 1989	*	.9	MAX 439.99	MIN 434.60								
WTR YR 1990	*	-6	MAX 440.08	MIN 436.10								

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

Santee River Basin

175

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 Chappelle.

DRAINAGE.--1,170 mi².

PERIOD OF RECORD.--October 1986 to current year. Records for May 1977 to September 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 370 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 29.94 ft, Feb. 19, 1990; minimum, 5.40 ft, July 31, 1990 (revised).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 29.94 ft, Feb. 19; minimum, 5.40 ft, July 31.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25.87	5.94	12.56	11.72	5.61	7.77	11.76	5.70	8.49	11.92	5.96	10.17
2	27.65	24.93	25.77	11.70	5.65	7.56	11.74	5.71	8.18	11.89	11.80	11.84
3	24.99	20.58	22.88	11.72	5.61	7.76	11.75	5.70	7.97	11.81	11.75	11.78
4	21.19	13.73	16.72	11.49	5.63	6.44	13.41	5.69	8.12	11.78	11.73	11.75
5	13.74	13.55	13.61	12.42	5.62	7.22	11.70	5.68	7.50	11.75	6.02	10.92
6	13.56	13.48	13.52	11.71	5.61	7.66	11.73	5.69	8.13	11.86	5.89	9.54
7	13.50	13.45	13.47	11.69	5.61	7.49	11.74	5.70	8.15	11.87	11.79	11.83
8	13.48	5.93	11.67	11.72	5.64	8.52	12.20	5.78	10.72	12.50	11.86	12.33
9	11.74	5.71	8.32	11.74	5.79	8.36	12.45	12.21	12.31	12.51	11.97	12.21
10	11.71	5.67	8.23	11.76	5.80	7.63	12.48	12.17	12.36	11.98	11.85	11.91
11	11.69	5.65	7.68	9.28	5.74	7.24	13.69	12.03	12.85	11.87	11.78	11.82
12	11.68	5.64	7.68	11.24	5.68	7.78	14.15	13.60	13.69	11.82	9.53	11.52
13	11.63	5.63	7.11	11.71	5.66	7.75	14.49	14.19	14.42	11.78	6.08	9.80
14	11.68	5.62	7.75	11.63	5.65	6.90	14.38	13.83	14.07	9.42	9.36	9.39
15	11.69	5.62	7.62	11.72	5.66	7.68	13.83	13.58	13.69	9.41	9.35	9.38
16	11.68	5.62	7.75	11.84	5.73	7.56	13.63	11.83	12.44	9.40	9.35	9.38
17	11.69	5.62	7.51	13.46	6.10	10.67	13.55	11.82	13.11	9.40	9.36	9.38
18	13.34	5.62	8.31	13.55	5.86	10.02	13.55	5.93	11.94	11.33	9.36	10.02
19	11.70	5.66	7.42	11.78	5.78	8.97	11.78	5.92	8.57	11.34	11.30	11.32
20	13.41	5.64	8.73	11.75	5.72	8.27	11.85	6.04	9.28	11.33	5.81	9.39
21	13.28	5.63	8.63	11.74	5.70	8.49	11.83	6.05	9.89	11.50	5.84	9.91
22	12.33	5.63	7.67	11.71	5.71	7.60	11.81	5.98	10.10	11.48	6.05	8.80
23	13.17	5.62	7.64	11.84	5.73	8.67	11.76	5.86	8.32	11.38	9.38	10.23
24	11.71	5.61	8.01	11.82	5.99	9.41	11.76	5.85	8.89	11.39	5.78	8.03
25	11.67	5.63	7.74	11.76	5.83	8.89	11.72	5.82	7.63	11.43	11.30	11.35
26	11.70	5.64	7.36	11.74	5.76	8.49	11.74	5.81	7.81	11.53	11.43	11.49
27	11.71	5.62	7.75	11.75	5.74	8.21	13.21	5.83	9.89	11.50	11.42	11.46
28	11.70	5.61	7.50	11.76	5.73	8.54	11.76	5.82	8.50	11.45	11.39	11.41
29	11.69	5.61	7.50	11.75	5.73	8.22	11.74	5.82	9.11	11.44	11.36	11.40
30	11.70	5.60	7.37	11.68	5.71	7.15	11.68	5.80	8.19	11.63	11.44	11.55
31	11.66	5.60	7.12	---	---	---	11.76	5.80	9.73	11.49	11.42	11.45
MONTH	27.65	5.60	9.95	13.55	5.61	8.10	14.49	5.68	10.13	12.51	5.78	10.73

SANTÉE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLS. SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.45	11.39	11.42	11.54	11.48	11.50	14.09	13.68	13.91	11.42	5.83	8.13
2	11.41	11.36	11.39	11.52	11.46	11.49	13.71	13.66	13.68	9.71	5.76	8.65
3	11.41	11.37	11.39	17.45	11.48	12.29	13.68	13.47	13.63	9.37	5.73	7.89
4	11.41	11.37	11.39	18.34	15.10	16.13	13.70	7.54	12.26	11.67	5.70	8.01
5	11.41	11.36	11.39	16.03	12.84	13.93	11.96	9.28	10.69	11.76	5.77	9.23
6	11.41	11.36	11.38	12.85	12.77	12.82	11.77	9.25	11.02	11.69	5.80	8.20
7	11.39	11.35	11.37	12.82	11.49	12.07	11.78	9.21	10.71	11.68	5.77	9.02
8	11.40	11.34	11.37	11.54	11.49	11.51	10.43	9.20	9.29	11.59	5.72	7.11
9	11.60	11.33	11.38	11.54	11.47	11.50	11.70	9.20	9.73	11.65	5.69	8.49
10	13.32	11.63	12.47	11.55	11.44	11.52	13.48	9.21	11.01	11.86	5.71	9.37
11	14.64	12.83	13.99	11.55	11.50	11.52	13.29	9.23	10.98	11.76	6.05	9.65
12	12.84	11.61	12.00	11.54	11.46	11.50	12.37	5.81	8.57	13.49	5.82	9.86
13	11.63	11.52	11.57	11.52	11.46	11.49	11.29	5.78	8.59	11.71	5.75	9.34
14	11.54	11.47	11.50	11.50	11.44	11.47	11.31	5.75	9.34	11.69	5.71	8.42
15	11.51	11.45	11.48	11.49	11.44	11.46	11.57	5.78	10.60	11.57	5.70	7.10
16	15.14	11.44	11.62	11.49	11.43	11.46	11.47	9.27	9.84	11.67	5.69	8.35
17	21.34	15.36	19.14	23.28	11.45	12.76	12.75	5.82	9.61	11.53	5.69	8.65
18	20.21	16.44	19.49	26.13	23.52	25.34	12.60	5.75	8.78	9.38	5.68	8.48
19	29.94	19.76	26.54	25.63	21.86	24.52	11.31	5.74	8.81	11.67	5.67	8.47
20	24.40	18.21	20.96	21.86	13.05	18.11	11.30	5.73	9.04	11.66	5.65	8.18
21	18.21	13.81	15.43	13.05	12.49	12.64	11.31	5.75	9.22	11.70	5.67	8.80
22	17.62	11.66	13.64	13.08	12.97	13.03	11.69	5.73	8.72	11.62	5.68	8.14
23	17.36	12.82	13.83	13.03	12.64	12.76	11.59	5.71	7.88	11.35	5.63	8.47
24	17.37	11.66	12.93	12.69	11.49	12.16	13.39	5.73	10.92	9.38	5.61	8.05
25	12.58	11.58	11.67	11.52	11.46	11.49	13.40	5.70	9.27	9.38	5.61	8.29
26	12.82	11.55	12.45	12.63	11.47	11.97	11.65	5.69	7.61	9.38	5.60	7.63
27	11.58	11.50	11.53	12.66	12.59	12.63	11.53	5.68	6.87	11.32	5.58	8.14
28	11.53	11.50	11.52	12.66	11.48	11.82	11.64	5.68	7.53	12.00	5.60	7.85
29	---	---	---	11.51	11.46	11.49	13.68	5.81	11.39	12.40	11.99	12.28
30	---	---	---	14.01	6.34	11.98	11.72	5.96	9.53	11.96	5.93	9.69
31	---	---	---	14.09	13.97	14.04	---	---	---	11.37	5.81	8.20
MONTH	29.94	11.33	13.44	26.13	6.34	13.24	14.09	5.68	9.97	13.49	5.58	8.59
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	11.38	5.72	8.32	9.34	5.49	6.88	---	---	---	11.45	5.62	8.09
2	9.38	5.66	7.40	9.34	5.48	6.54	---	---	---	11.44	5.51	7.85
3	11.24	5.63	8.16	9.33	5.47	6.48	---	---	---	11.40	5.45	7.23
4	11.38	5.63	7.89	9.34	5.48	6.37	---	---	---	11.44	5.43	7.73
5	11.36	5.62	7.61	9.34	5.48	6.74	---	---	---	11.24	5.43	6.37
6	9.26	5.60	7.78	9.32	5.48	6.23	---	---	---	11.29	5.44	6.75
7	9.35	5.58	7.61	9.35	5.48	6.68	---	---	---	11.30	5.43	7.06
8	11.34	5.57	7.89	11.28	5.47	6.80	---	---	---	11.09	5.44	6.13
9	11.31	5.58	7.51	9.34	5.46	6.39	---	---	---	11.37	5.42	7.44
10	9.83	8.42	9.72	11.33	5.46	7.07	---	---	---	11.21	5.43	6.71
11	11.44	5.86	8.52	11.24	5.46	6.58	---	---	---	11.20	5.42	6.42
12	11.34	5.73	7.58	9.32	5.45	6.51	---	---	---	11.35	5.45	7.06
13	11.27	5.64	7.68	11.16	5.44	6.97	---	---	---	11.28	5.46	7.35
14	11.33	5.61	8.00	9.35	5.51	7.26	---	---	---	11.49	5.53	9.59
15	11.33	5.59	7.41	11.39	5.57	7.79	---	---	---	11.33	5.64	7.22
16	11.30	5.59	7.09	11.38	5.52	8.02	---	---	---	11.33	5.54	7.11
17	9.34	5.58	6.74	11.14	5.48	7.61	---	---	---	11.28	5.47	6.71
18	11.31	5.57	7.73	9.32	5.47	6.98	---	---	---	11.27	5.43	6.55
19	9.36	5.55	6.95	9.33	5.47	7.46	---	---	---	11.21	5.43	6.44
20	9.36	5.56	7.10	9.73	5.50	8.36	---	---	---	---	---	---
21	11.32	5.54	7.45	11.24	5.47	6.85	---	---	---	---	---	---
22	9.37	5.57	7.06	11.32	5.46	8.03	---	---	---	---	---	---
23	11.28	5.57	7.60	11.37	5.45	7.84	---	---	---	---	---	---
24	11.24	5.56	6.86	11.33	5.45	7.41	9.37	5.60	7.44	---	---	---
25	9.34	5.52	6.71	11.32	5.44	6.92	9.39	5.52	8.25	---	---	---
26	11.28	5.51	7.08	11.34	5.42	7.09	11.42	5.51	7.80	---	---	---
27	11.08	5.51	6.26	11.36	5.42	7.79	11.35	5.50	6.87	---	---	---
28	11.26	5.51	7.08	11.34	5.41	7.33	11.33	5.48	6.91	---	---	---
29	9.34	5.51	6.55	9.32	5.41	6.79	11.28	5.45	6.76	---	---	---
30	11.24	5.52	6.84	11.17	5.41	6.85	9.34	5.44	6.83	---	---	---
31	---	---	---	11.23	5.40	6.59	11.48	5.44	7.61	---	---	---
MONTH	11.44	5.51	7.47	11.39	5.40	7.07	11.48	5.44	7.31	11.49	5.42	7.15
YEAR	29.94	5.40	9.63									

SANTÉE RIVER BASIN

177

02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

LOCATION.--Lat 34°07'57'', long 81°59'48'', Greenwood County, Hydrologic Unit 03050109, near left bank, at downstream side of bridge on State Road 288, 3.3 mi southeast of Ninety-Six and 10.1 mi southeast of Greenwood.

DRAINAGE AREA.--17.4 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 425 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Mar. 2 - 7, which are poor.

AVERAGE DISCHARGE.--10 years, 15.5 ft³/s, 12.10 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,210 ft³/s, July 17, 1989, gage height, 11.07 ft; minimum, 0.05 ft³/s, Oct. 8, 18, 19, 20, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 770 ft³/s, Feb. 19, gage height, 9.46 ft; minimum daily, 0.26 ft³/s, Aug. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	107	3.7	4.2	36	12	12	13	4.9	4.2	1.1	.38	1.1
2	422	3.8	4.2	14	10	11	10	4.3	3.6	.95	.37	.93
3	22	4.3	4.1	11	9.8	300	9.8	4.0	3.9	.87	.37	.86
4	8.8	3.9	3.8	10	9.9	100	8.4	4.5	3.5	.82	.42	.83
5	6.2	3.8	3.8	9.5	9.3	30	7.8	9.3	2.9	.82	.40	.76
6	5.2	3.8	3.8	23	7.8	18	7.5	5.7	2.4	.77	.51	.75
7	4.7	4.1	4.1	28	7.9	15	8.6	4.6	2.2	.77	.54	.74
8	4.4	7.9	109	241	7.6	12	7.3	4.1	2.0	.75	.45	.71
9	3.8	6.4	123	38	9.3	15	6.8	4.3	24	.89	.47	.66
10	3.6	4.6	47	21	288	17	6.9	12	180	.99	.53	.62
11	3.7	4.0	19	16	55	13	8.2	5.9	12	.90	.46	.63
12	3.6	3.6	77	13	21	12	6.9	4.6	5.0	.76	.39	.59
13	3.6	3.5	167	10	15	11	6.4	4.2	3.5	.86	.36	.72
14	3.7	3.4	24	9.4	12	9.9	6.4	4.1	3.0	1.4	.36	4.7
15	3.8	4.8	15	9.1	11	9.3	7.2	3.9	2.6	1.2	.34	1.3
16	3.7	9.4	12	8.9	34	9.7	6.4	3.6	2.7	1.0	.32	1.0
17	3.7	6.6	9.4	8.7	139	193	5.9	3.6	2.8	.88	.32	.84
18	3.8	4.8	8.6	8.4	22	67	5.3	3.6	2.3	.84	.30	.79
19	4.4	4.4	14	8.2	479	21	5.1	3.3	2.1	1.0	.27	.74
20	3.6	4.5	18	7.9	142	15	5.2	3.3	1.8	1.5	.26	.79
21	3.4	4.7	15	45	29	13	5.3	4.1	1.7	1.1	.32	.79
22	3.4	4.5	11	21	22	11	5.2	3.6	1.8	1.4	5.2	1.9
23	3.2	16	8.5	13	52	10	4.9	3.2	1.8	1.0	1.4	1.1
24	3.1	7.5	8.0	10	27	9.1	4.7	3.0	1.5	.86	.97	.84
25	3.1	5.7	7.7	35	19	8.6	4.4	2.9	1.4	.75	.99	.78
26	3.0	5.3	8.1	39	15	8.7	4.2	2.7	1.4	.65	1.0	.79
27	3.2	5.0	7.9	16	13	12	4.1	2.7	1.2	.57	.86	.80
28	3.2	5.0	7.6	12	13	9.0	9.3	64	1.2	.50	.81	.75
29	3.2	4.7	7.3	20	---	12	13	132	1.1	.49	.77	.75
30	3.3	4.3	7.5	42	---	14	6.1	7.8	1.1	.47	.73	.78
31	3.6	---	10	16	---	16	---	5.1	---	.42	2.9	---
TOTAL	661.0	158.0	769.6	800.1	1491.6	1014.3	210.3	328.9	280.7	27.28	23.77	29.34
MEAN	21.3	5.27	24.8	25.8	53.3	32.7	7.01	10.6	9.36	.88	.77	.98
MAX	422	16	167	241	479	300	13	132	180	1.5	5.2	4.7
MIN	3.0	3.4	3.8	7.9	7.6	8.6	4.1	2.7	1.1	.42	.26	.59

CAL YR 1989 TOTAL 5549.99 MEAN 15.2 MAX 500 MIN .80

WTR YR 1990 TOTAL 5794.89 MEAN 15.9 MAX 479 MIN .26

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 mi².

PERIOD OF RECORD.--October 1926 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected since 1905 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 362.89 ft above National Geodetic Vertical Datum of 1929. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above mean sea level. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.89 ft above mean sea level.

REMARKS.--Records fair, except for estimated daily discharges: Oct. 13 - 23, Nov. 16 - 19, Nov. 25 to Dec. 12, 19, Sept. 13 - 30, which are poor. Flow regulated by Lake Greenwood (see sta. 02166501).

AVERAGE DISCHARGE.--64 years, 1,906 ft³/s, 19.03 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63,700 ft³/s, Oct. 2, 1929, gage height 32.5 ft, present datum, from rating curve extended above 27,000 ft³/s on basis of velocity-area studies; minimum, 8 ft³/s, Oct. 29, 1939, caused by construction work above station; minimum daily, 8 ft³/s, Oct. 29, 1939.

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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,700 ft³/s, Feb. 19, gage height, 23.08 ft; minimum, 28 ft³/s, Aug. 20, gage height, 0.34 ft; minimum daily, 243 ft³/s, Sept. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2780	972	883	2250	2790	2870	4290	1150	1140	486	385	1110
2	14400	972	1510	3030	2770	2860	4260	1510	816	511	285	1040
3	14100	1170	1150	2960	2770	3400	4200	942	1170	370	489	833
4	7790	324	1270	2930	2760	6070	3730	856	997	403	634	997
5	4370	761	683	2550	2760	4810	2170	1780	884	458	564	452
6	4150	1110	1010	1860	2750	3720	2540	1590	1000	329	618	521
7	4100	831	1100	3050	2740	3340	2420	1540	813	424	394	839
8	3390	1450	2490	3730	2740	2870	1830	851	1150	579	764	338
9	1440	1380	3510	3510	2780	2870	1900	1270	730	337	794	665
10	1340	1010	3540	3140	3880	2900	2610	1720	1980	686	413	728
11	1050	630	3590	3020	4840	2890	2730	1680	1500	527	457	505
12	1020	917	4240	2810	3510	2870	1660	2360	860	402	1070	710
13	705	1040	4930	2070	2940	2850	1280	1670	910	418	367	726
14	1030	714	4630	1610	2870	2830	2160	1140	924	742	328	1640
15	1010	962	4290	1600	2830	2830	2380	964	953	1010	466	860
16	965	593	3580	1590	2950	2820	2060	1190	717	1010	598	727
17	898	2370	3670	1590	7540	3430	2010	1280	530	889	543	633
18	929	2380	3770	1810	8420	12400	1630	1160	866	607	404	465
19	1310	1760	1440	2710	16900	16000	1740	1320	735	758	394	441
20	1680	1130	1790	1960	13000	9320	1690	1090	466	1270	404	479
21	1130	1440	1860	1890	6600	3940	2120	1680	919	517	368	520
22	1340	1090	2130	1690	4410	3890	1400	1220	665	1130	1420	1210
23	1030	1520	1510	1930	4480	3740	926	1190	819	874	1300	1020
24	1130	1650	1510	1200	4370	3410	2470	978	679	969	1040	378
25	1020	1580	1060	2720	3020	2900	2080	1110	473	657	870	550
26	882	1360	705	2910	3500	3110	857	819	703	670	1160	243
27	1040	1300	2040	2840	2910	3610	846	1130	426	1020	635	646
28	875	1080	1330	2790	2880	3180	1080	982	641	816	642	622
29	899	1110	1650	2770	---	2890	2650	3530	454	483	532	699
30	838	1100	1240	2950	---	3000	1910	2370	599	626	549	422
31	731	---	1920	2840	---	4250	---	1100	---	524	871	---
TOTAL	79372	35706	70031	76310	126710	131870	65629	43172	25519	20502	19758	21019
MEAN	2560	1190	2259	2462	4525	4254	2188	1393	851	661	637	701
MAX	14400	2380	4930	3730	16900	16000	4290	3530	1980	1270	1420	1640
MIN	705	324	683	1200	2740	2820	846	819	426	329	285	243

CAL YR 1989 TOTAL 569753 MEAN 1561 MAX 14400 MIN 213
WTR YR 1990 TOTAL 715598 MEAN 1961 MAX 16900 MIN 243

EDISTO RIVER BASIN

179

02167450 LITTLE RIVER NEAR SILVERSTREET, SC

LOCATION.--Lat 34°12'34'', long 81°45'48'', Newberry County, Hydrologic Unit 03050109, near center of 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, SC.

DRAINAGE AREA.--230 mi², approximately.

PERIOD OF RECORD.--March 1990 to September 1990. Occasional low-flow measurements, water years 1953 - 77.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 360 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: May 30. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 539 ft³/s, May 29, 1990, gage height, 6.03 ft; minimum daily, 11 ft³/s, Aug. 21, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 539 ft³/s, May 29, gage height, 6.03 ft; minimum daily, 11 ft³/s, Aug. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	224	134	96	37	20	75
2	---	---	---	---	---	---	191	113	85	36	18	40
3	---	---	---	---	---	---	174	101	84	34	18	28
4	---	---	---	---	---	---	160	98	84	32	18	23
5	---	---	---	---	---	---	152	140	77	32	19	20
6	---	---	---	---	---	---	146	155	68	30	23	19
7	---	---	---	---	---	---	147	110	65	28	21	17
8	---	---	---	---	---	---	144	101	62	27	20	19
9	---	---	---	---	---	---	136	94	61	27	25	17
10	---	---	---	---	---	---	134	159	335	27	22	17
11	---	---	---	---	---	---	159	190	264	27	18	19
12	---	---	---	---	---	---	166	122	119	25	16	20
13	---	---	---	---	---	---	137	104	89	25	14	18
14	---	---	---	---	---	---	130	97	77	31	13	24
15	---	---	---	---	---	---	154	91	70	49	18	32
16	---	---	---	---	---	---	145	88	73	42	18	29
17	---	---	---	---	---	---	130	83	69	33	15	21
18	---	---	---	---	---	---	120	84	66	92	14	17
19	---	---	---	---	---	---	112	82	60	78	13	16
20	---	---	---	---	---	---	111	76	56	100	12	15
21	---	---	---	---	---	---	112	82	52	68	11	15
22	---	---	---	---	---	---	112	92	57	54	33	27
23	---	---	---	---	---	---	109	82	78	73	102	43
24	---	---	---	---	---	---	105	75	62	46	171	31
25	---	---	---	---	---	---	99	70	50	37	77	22
26	---	---	---	---	---	---	95	68	46	32	68	20
27	---	---	---	---	---	---	92	67	43	29	66	18
28	---	---	---	---	---	---	96	68	42	27	40	17
29	---	---	---	---	---	---	244	397	40	25	32	17
30	---	---	---	---	---	209	202	239	40	23	27	17
31	---	---	---	---	---	210	---	120	---	21	25	---
TOTAL	---	---	---	---	---	419	4238	3582	2470	1247	1007	713
MEAN	---	---	---	---	---	209	141	116	82.3	40.2	32.5	23.8
MAX	---	---	---	---	---	210	244	397	335	100	171	75
MIN	---	---	---	---	---	209	92	67	40	21	11	15

WTR YR 1990 TOTAL 13676 MEAN 73.9 MAX 397 MIN 11

SANTEE RIVER BASIN

021675820 BUSH RIVER NEAR PROSPERITY, SC

LOCATION.--Lat 34°10'07'', long 81°36'38'', Newberry County, Hydrologic Unit 03050109, at downstream side near center of bridge on County Road 244, 5.2 mi southwest of Prosperity, and 7.2 mi south of the center of Newberry, SC.

DRAINAGE AREA.--115 mi².

PERIOD OF RECORD.--February 1990 to September 1990.

GAGE.--Water-stage recorder. Elevation of gage is 390 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 634 ft³/s, Mar. 17, 1990, gage height, 5.07 ft; minimum daily, 15 ft³/s, July 30, Aug. 1, 2, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 634 ft³/s, Mar. 17, gage height, 5.07 ft; minimum daily, 15 ft³/s, July 30, Aug. 1, 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	87	90	57	37	18	15	24
2	---	---	---	---	---	85	74	46	34	21	15	25
3	---	---	---	---	---	324	72	42	34	18	61	20
4	---	---	---	---	---	238	61	41	33	18	19	16
5	---	---	---	---	---	145	58	84	31	17	19	16
6	---	---	---	---	---	103	56	53	30	17	21	16
7	---	---	---	---	---	90	62	44	29	18	20	16
8	---	---	---	---	---	82	55	41	28	16	18	16
9	---	---	---	---	---	89	52	41	27	29	20	21
10	---	---	---	---	---	96	57	100	71	19	19	31
11	---	---	---	---	---	87	67	72	69	18	18	44
12	---	---	---	---	---	79	64	51	38	19	16	24
13	---	---	---	---	---	73	54	45	31	19	16	20
14	---	---	---	---	---	70	50	43	28	25	16	41
15	---	---	---	---	---	68	69	40	27	24	17	27
16	---	---	---	---	---	68	60	40	28	22	30	23
17	---	---	---	---	---	269	53	40	26	22	24	20
18	---	---	---	---	---	398	49	40	25	27	18	18
19	---	---	---	---	---	298	45	37	24	27	17	18
20	---	---	---	---	---	141	44	36	23	32	16	18
21	---	---	---	---	---	94	45	41	22	32	16	17
22	---	---	---	---	---	81	44	41	74	29	91	34
23	---	---	---	---	---	75	44	40	46	22	33	37
24	---	---	---	---	---	70	42	37	30	21	33	25
25	---	---	---	---	---	66	41	36	24	19	32	20
26	---	---	---	---	---	63	40	34	22	18	26	19
27	---	---	---	---	95	69	39	33	21	17	22	19
28	---	---	---	---	91	65	55	34	20	17	22	18
29	---	---	---	---	---	70	132	67	20	16	20	18
30	---	---	---	---	---	89	96	68	19	15	19	19
31	---	---	---	---	---	101	---	43	---	16	19	---
TOTAL	---	---	---	---	186	3733	1770	1467	971	648	748	680
MEAN	---	---	---	---	93.0	120	59.0	47.3	32.4	20.9	24.1	22.7
MAX	---	---	---	---	95	398	132	100	74	32	91	44
MIN	---	---	---	---	91	63	39	33	19	15	15	16

WTR YR 1990 TOTAL 10203 MEAN 47.2 MAX 398 MIN 15

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.4 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi², approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 0.64 ft below National Geodetic Vertical Datum 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, 70,300,000,000 ft³ between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 21,800,000,000 ft³. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gates at 362 ft; gage height of other spillway crest, 340 ft with top of gates at 365 ft. Water is used for generation of power.

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, 359.23 ft, Feb. 21, minimum gage height, 344.77 ft, Sept. 28, 29.

Capacity table (Gage height, in feet)
and usable contents (in billions of cubic feet)
(Prepared by Lexington Water Power Co. from topographic map, contour survey,
and study of change in reservoir elevation due to inflow)

350.0 ft	50.77 ft ³
352.0 ft	54.30 ft ³
356.0 ft	61.81 ft ³
358.0 ft	66.00 ft ³
360.0 ft	70.30 ft ³

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354.99	356.39	355.77	355.26	356.88	357.29	356.69	356.04	357.33	356.89	354.92	353.22
2	355.55	356.46	355.78	355.38	356.96	357.28	356.56	356.04	357.39	356.86	354.93	353.25
3	356.30	356.48	355.50	355.43	357.02	357.42	356.33	356.07	357.44	356.72	354.93	353.27
4	356.61	356.47	355.12	355.49	357.12	357.55	356.36	356.13	357.47	356.74	354.90	352.88
5	356.94	356.44	355.06	355.63	357.26	357.36	356.30	356.27	357.41	356.75	354.92	352.53
6	356.79	356.46	355.01	355.77	357.29	357.18	356.33	356.31	357.43	356.73	354.90	352.12
7	356.93	356.48	355.08	356.02	357.37	356.91	356.33	356.36	357.27	356.66	354.87	351.80
8	357.06	356.56	355.42	356.45	357.46	356.59	356.24	356.39	357.30	356.65	354.83	351.55
9	357.13	356.65	355.76	356.58	357.60	356.46	356.04	356.41	357.34	356.52	354.80	351.67
10	357.18	356.60	355.95	356.62	357.73	356.55	356.13	356.58	357.39	356.25	354.78	351.27
11	357.19	356.57	356.09	356.74	357.99	356.65	356.01	356.61	357.48	356.16	354.75	350.80
12	357.23	356.65	356.34	356.89	358.10	356.64	355.78	356.68	357.47	356.13	354.73	350.39
13	357.21	356.67	356.27	356.85	358.07	356.62	355.77	356.76	357.51	356.16	354.66	349.94
14	357.27	356.70	356.44	356.82	358.16	356.64	355.76	356.80	357.53	356.15	354.60	349.55
15	357.35	356.50	356.58	356.81	358.20	356.59	355.74	356.80	357.51	356.17	354.64	349.19
16	357.36	356.40	356.64	356.80	358.28	356.56	355.65	356.78	357.45	356.19	354.33	348.91
17	357.10	356.00	356.75	356.73	358.18	356.45	355.57	356.81	357.49	356.23	354.32	348.48
18	357.01	355.90	356.70	356.73	358.29	356.33	355.48	356.81	357.49	356.23	354.29	348.10
19	357.00	355.80	356.48	356.77	358.68	356.58	355.39	356.83	357.49	356.21	354.30	347.67
20	357.00	355.80	356.34	356.86	359.18	356.69	355.39	356.86	357.20	356.23	354.14	347.19
21	356.96	355.70	356.16	356.98	359.21	356.42	355.51	356.92	356.94	356.29	354.15	346.84
22	356.98	355.87	355.72	357.01	358.81	356.45	355.57	356.92	356.95	356.36	354.26	346.53
23	357.02	355.87	355.12	356.87	358.41	356.52	355.62	356.92	356.88	356.36	354.31	346.54
24	356.75	355.89	355.00	356.78	358.01	356.48	355.69	356.93	356.88	356.25	354.36	346.14
25	356.58	355.88	354.92	356.93	357.52	356.54	355.78	356.94	356.91	356.25	354.38	345.71
26	356.48	355.85	354.89	356.73	357.25	356.57	355.83	356.97	356.91	356.12	354.26	345.20
27	356.41	355.95	354.96	356.66	357.28	356.65	355.86	356.96	356.92	356.09	353.80	344.98
28	356.31	355.91	354.95	356.72	357.30	356.70	355.89	357.06	356.91	356.04	353.53	344.77
29	356.33	355.92	355.05	356.86	---	356.68	355.95	357.22	356.92	356.01	353.24	344.78
30	356.36	355.91	355.02	356.85	---	356.53	356.02	357.29	356.91	355.68	353.22	344.83
31	356.38	---	355.11	356.91	---	356.63	---	357.30	---	355.26	353.22	---
MAX	357.36	356.70	356.75	357.01	359.21	357.55	356.69	357.30	357.53	356.89	354.93	353.27
MIN	354.99	355.70	354.89	355.26	356.88	356.33	355.39	356.04	356.88	355.26	353.22	344.77
[+]	62.67	61.73	60.15	63.75	64.55	63.18	61.95	64.55	63.75	60.45	56.55	42.39
[*]	1415	-363	-590	1344	331	-512	-475	971	-309	-1232	-1456	-5463

CAL YR 1989 * 168 MAX 358.78 MIN 352.35
WTR YR 1990 * - 523 MAX 359.21 MIN 344.77

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

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.--1,170 mi².

PERIOD OF RECORD.--August 1985 to current year. Data prior to August 1985 are in files of the U. S. Geological Survey.

GAGE.--Water-stage recorder. Elevation is 170 ft above National Geodetic Vertical Datum of 1929 (topographic map).

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, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 85.86 ft, Feb. 22; minimum, 71.00 ft, Nov. 8.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	74.19	71.18	71.80	73.88	71.21	72.22	80.69	72.50	74.43	76.99	73.01	74.19
2	84.00	71.23	76.36	74.34	71.23	72.14	77.13	72.72	74.49	76.09	72.42	73.62
3	81.03	71.48	76.07	74.92	71.39	72.36	82.64	73.47	77.26	76.54	72.30	73.71
4	83.35	71.93	77.68	75.15	71.25	72.44	82.99	74.94	80.35	76.99	72.53	73.98
5	75.21	71.17	71.91	75.26	71.50	72.85	77.09	72.45	74.42	76.52	71.35	73.36
6	84.16	71.40	78.47	74.60	71.21	71.94	76.35	72.34	73.70	75.18	71.79	72.92
7	75.41	71.19	72.64	72.00	71.33	71.70	76.39	72.15	73.95	77.77	72.52	73.58
8	74.61	71.18	71.92	72.24	71.00	71.72	76.46	71.74	73.54	76.98	72.52	74.64
9	75.14	71.17	71.96	73.83	71.21	71.58	76.20	73.11	74.38	79.90	72.59	75.86
10	76.27	71.17	72.18	72.50	71.27	71.60	76.79	72.55	73.95	79.99	72.08	74.87
11	75.11	71.21	71.75	75.15	71.28	72.51	78.34	72.49	74.07	80.64	71.96	73.84
12	73.05	71.21	72.08	75.29	71.58	72.58	76.50	72.60	74.18	75.18	71.77	73.87
13	75.13	71.88	72.49	72.08	71.23	71.50	82.99	73.04	79.93	78.47	72.87	74.71
14	71.95	71.84	71.90	75.26	71.44	72.16	82.72	73.10	76.50	77.69	73.41	74.63
15	71.97	71.84	71.89	82.17	71.21	76.71	79.03	72.42	74.23	77.28	73.02	74.96
16	72.00	71.82	71.90	83.85	72.67	79.20	78.05	72.44	74.11	76.42	72.37	73.82
17	83.44	71.52	78.53	82.60	74.67	78.56	76.64	72.69	73.84	76.87	72.84	74.51
18	82.33	71.31	76.08	82.52	73.58	76.28	82.64	72.80	77.71	76.98	72.87	74.65
19	79.32	71.89	73.80	76.58	72.28	74.00	82.86	72.76	79.37	75.77	72.82	74.12
20	78.69	72.13	73.19	77.12	72.98	74.91	82.89	73.07	76.49	74.92	72.39	73.58
21	74.89	72.59	73.06	75.01	72.65	73.10	82.85	73.87	76.98	75.35	71.99	72.96
22	72.78	72.05	72.45	75.96	72.63	73.92	84.84	73.99	81.55	78.68	73.28	74.96
23	73.35	71.22	71.87	76.21	72.44	73.82	84.74	81.74	83.96	83.19	73.42	76.88
24	82.70	71.22	78.07	76.35	72.54	73.94	83.71	74.84	77.50	83.27	73.35	75.42
25	81.80	71.30	76.48	75.02	73.00	73.74	75.79	72.61	74.20	78.68	73.44	74.94
26	82.94	72.48	75.95	74.62	72.40	73.20	74.58	72.61	72.87	83.78	73.67	79.35
27	77.90	71.89	74.78	74.19	72.37	72.91	75.10	72.58	73.28	83.68	73.96	77.01
28	75.10	71.36	71.91	75.81	72.51	73.56	76.09	72.25	73.61	76.15	73.11	74.57
29	75.57	71.18	71.98	76.01	72.57	73.55	76.16	72.43	73.42	75.26	71.96	73.22
30	75.37	71.47	73.43	81.67	72.93	75.41	74.60	72.08	72.69	81.89	72.19	75.72
31	75.18	71.44	73.52	---	---	---	74.52	72.12	73.44	80.81	73.32	75.57
MONTH	84.16	71.17	73.81	83.85	71.00	73.54	84.84	71.74	75.63	83.78	71.35	74.65

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA. SC--CONTINUED

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	81.02	73.06	75.25	78.48	73.05	74.87	78.51	73.00	75.80	74.14	72.49	73.53
2	76.58	72.53	73.75	81.48	72.44	76.37	83.56	73.89	78.78	74.11	72.04	73.42
3	76.56	72.76	73.82	82.14	72.66	75.76	83.84	73.79	79.87	72.02	71.80	71.87
4	76.54	72.58	73.60	79.38	73.36	76.15	79.89	73.37	75.94	71.93	71.73	71.82
5	75.99	72.07	73.53	83.07	74.49	80.84	79.68	73.25	75.48	71.94	71.75	71.82
6	75.65	72.83	73.83	83.06	75.33	80.30	78.08	72.88	74.72	71.87	71.74	71.81
7	75.09	72.34	73.41	83.28	74.57	80.34	78.66	72.58	74.82	71.93	71.76	71.86
8	76.67	72.22	73.37	83.70	76.01	82.51	80.37	72.98	74.71	72.02	71.78	71.92
9	75.96	71.90	73.20	82.76	73.95	77.81	84.38	72.86	76.73	71.92	71.72	71.81
10	80.93	72.28	76.21	77.72	73.30	74.47	80.47	73.00	75.25	71.94	71.63	71.83
11	76.83	71.95	73.88	75.42	72.80	73.66	80.30	72.91	76.62	71.99	71.84	71.91
12	81.88	73.16	76.23	81.11	72.49	75.67	84.54	72.90	78.24	72.02	71.80	71.91
13	81.70	73.43	76.41	78.71	73.08	75.74	79.02	72.99	74.68	71.94	71.79	71.86
14	75.88	72.67	73.86	79.54	73.29	75.38	78.88	71.79	74.75	74.40	71.79	72.89
15	76.68	72.95	74.66	80.57	73.92	76.21	78.27	72.77	74.88	74.19	72.03	73.22
16	82.44	72.78	78.32	81.11	73.85	76.48	80.95	72.76	75.95	74.17	72.01	73.33
17	83.20	73.42	80.11	83.85	73.47	78.41	79.73	72.85	76.30	74.27	72.04	73.49
18	82.71	74.86	80.54	84.47	73.72	81.11	78.16	73.06	74.90	73.19	72.01	72.68
19	83.52	82.22	83.24	83.75	74.27	80.57	82.23	72.84	75.74	72.10	72.02	72.06
20	83.63	79.76	82.76	84.39	74.03	81.35	76.97	72.26	73.83	72.10	72.00	72.04
21	85.84	83.40	84.69	84.53	77.59	83.51	73.11	71.31	71.74	74.10	71.99	73.24
22	85.86	83.66	85.66	83.57	73.71	77.36	72.07	71.21	71.33	74.12	72.07	73.32
23	85.82	83.77	85.43	77.60	73.10	74.73	74.01	71.56	72.02	74.47	72.01	72.88
24	83.73	83.56	83.62	81.91	71.68	76.94	74.03	71.40	71.95	72.11	71.99	72.05
25	83.65	79.40	83.49	76.25	72.24	73.64	71.48	71.40	71.44	72.10	71.98	72.05
26	83.26	77.06	81.16	77.72	72.09	75.18	71.47	71.35	71.42	72.09	71.95	72.03
27	82.35	73.48	77.03	77.38	72.94	74.40	73.70	71.38	72.25	72.09	71.94	72.02
28	80.54	72.54	75.36	78.81	72.84	74.71	73.70	73.21	73.54	72.09	71.97	72.03
29	---	---	---	82.36	73.06	76.78	73.54	73.31	73.44	72.22	71.90	72.09
30	---	---	---	83.34	73.80	78.29	74.91	73.06	73.67	71.95	71.90	71.94
31	---	---	---	77.21	73.36	74.97	---	---	---	71.95	71.93	71.94
MONTH	85.86	71.90	77.73	84.53	71.68	77.24	84.54	71.21	74.69	74.47	71.63	72.34
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	72.34	71.94	71.97	74.70	71.26	71.53	84.74	72.61	78.43	71.95	71.43	71.50
2	71.95	71.93	71.94	73.86	71.28	72.42	75.32	72.20	72.50	71.50	71.41	71.46
3	71.97	71.93	71.95	79.10	71.27	73.96	72.34	71.69	71.97	71.46	71.40	71.44
4	73.92	71.93	72.39	71.70	71.45	71.59	72.01	71.90	71.97	84.95	71.41	78.08
5	72.25	72.08	72.19	71.58	71.39	71.51	74.60	71.24	72.16	84.88	73.68	79.16
6	74.05	72.15	72.29	74.31	71.43	72.59	76.53	71.22	72.82	84.18	73.61	79.63
7	84.35	72.09	76.45	74.27	72.23	73.65	75.15	71.27	72.10	83.49	72.61	78.27
8	74.11	71.44	72.70	72.21	72.16	72.17	75.30	71.26	73.03	79.54	72.63	76.26
9	72.04	71.93	72.00	84.34	71.54	74.71	75.43	71.29	73.50	78.18	72.82	74.34
10	72.04	71.94	71.99	84.37	71.29	76.87	75.43	71.62	72.78	81.35	72.84	78.80
11	72.04	71.95	72.00	80.87	71.29	74.03	75.29	71.27	72.16	84.73	73.00	79.52
12	72.13	71.86	71.96	73.99	72.06	72.74	75.62	71.27	72.32	84.81	73.12	79.50
13	74.26	71.87	72.33	72.04	71.72	71.90	82.51	71.34	74.51	84.90	73.08	79.47
14	74.41	72.04	73.31	71.91	71.79	71.84	74.67	72.07	72.99	84.78	73.23	80.49
15	74.38	72.07	73.79	71.95	71.80	71.88	74.67	71.76	72.40	---	---	---
16	72.13	72.03	72.09	71.96	71.79	71.87	84.49	71.59	76.91	83.30	71.86	78.23
17	72.17	72.06	72.11	73.40	71.80	72.21	74.08	71.25	72.12	83.20	71.72	78.04
18	74.22	72.08	73.08	72.02	71.98	72.00	75.72	71.87	72.88	82.78	72.56	78.21
19	74.00	72.03	73.04	72.00	71.98	71.99	71.80	71.46	71.53	83.25	71.96	79.44
20	84.76	72.16	77.21	74.31	71.25	71.76	84.46	71.48	74.97	83.20	72.18	77.75
21	84.16	71.79	76.99	71.27	71.24	71.25	75.54	71.25	72.42	83.25	71.47	78.33
22	74.72	72.20	73.28	71.31	71.23	71.26	71.74	71.45	71.50	83.28	71.89	73.19
23	74.51	72.00	73.06	78.98	71.25	73.12	71.54	71.44	71.50	83.23	71.80	77.38
24	72.19	71.30	71.52	83.92	71.28	75.16	78.75	71.22	72.43	83.21	72.24	78.80
25	71.54	71.31	71.43	73.93	71.22	71.79	74.26	71.22	71.49	83.22	71.75	79.54
26	71.54	71.34	71.43	78.93	71.42	74.50	84.52	71.57	74.59	82.88	71.68	76.95
27	74.42	71.27	71.84	76.85	71.74	72.97	84.90	71.53	79.54	81.03	71.38	75.33
28	71.28	71.27	71.27	77.18	71.69	73.63	84.93	73.06	78.34	75.93	71.55	72.95
29	71.29	71.27	71.28	75.47	71.63	73.17	84.91	72.03	77.46	71.57	71.50	71.53
30	74.33	71.27	71.57	84.66	72.80	78.06	74.31	72.78	74.02	71.82	71.47	71.56
31	---	---	---	84.64	71.68	79.49	73.33	72.06	72.29	---	---	---
MONTH	84.76	71.27	72.68	84.66	71.22	73.15	84.93	71.22	73.54	84.95	71.38	76.73
YEAR	85.86	71.00	74.62									

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

DRAINAGE AREA.--2,420 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Data collection platform. Elevation of gage is 170 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Feb. 21 - 23. Records good. Flow regulated by Lake Murray (see station 02168500). City of Columbia diverted about 29 ft³/s above station for municipal supply.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21,600 ft³/s, Sept. 21, 1989, gage height, 15.70 ft; maximum gage height, 16.01 ft, Feb. 21, 1990 (caused by backwater from spillway floodgates); minimum daily, 155 ft³/s, Sept. 24, 25, 29, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 19,600 ft³/s, Aug. 28, Sept. 4, gage height, 14.91 ft; maximum gage height, 16.01 ft, Feb. 21 (caused by backwater from spillway floodgates); minimum daily, 166 ft³/s, July 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	392	524	2280	1920	3140	2650	3580	1310	405	283	8510	246
2	5290	508	2180	1440	1640	4690	8030	1250	397	704	645	230
3	4030	596	5700	1520	1720	3950	9880	355	397	2380	411	223
4	6340	667	10300	1740	1540	4060	3790	335	661	267	418	8900
5	470	832	2160	1330	1500	11100	3290	330	521	242	606	9350
6	7960	430	1520	980	1700	10300	2540	329	570	839	1060	9380
7	876	306	1670	1420	1370	10500	2680	344	5780	1410	560	7260
8	443	312	1430	2250	1400	14100	2680	363	888	487	1010	4200
9	517	282	2060	3580	1220	6420	5670	326	444	3390	1310	2000
10	555	281	1730	2830	4590	2230	3090	336	440	6600	894	7780
11	386	694	1840	1770	1820	1540	4520	380	441	2420	566	10700
12	456	737	1930	1690	4550	3650	7450	378	414	853	649	10200
13	692	251	10100	2460	4640	3580	2320	360	631	365	2930	10400
14	390	534	4660	2290	1720	3180	2770	1000	1250	342	967	11600
15	387	5770	2040	2830	2420	4210	2490	1190	1550	355	579	8900
16	388	8880	1880	1630	7430	4640	3930	1260	482	352	6790	6600
17	8960	7200	1640	2060	10100	7700	4240	1360	490	516	522	8800
18	4770	4300	6580	2310	10500	12200	2550	754	1090	417	980	8250
19	1770	1770	9420	1840	15700	10800	3730	465	1060	417	254	7910
20	1220	2500	5010	1260	14800	12400	1560	461	6990	353	3950	9060
21	958	988	5390	934	14500	16400	340	1200	6680	169	692	7730
22	623	1640	13400	2460	15100	5690	205	1210	1220	166	243	8330
23	382	1640	17200	5350	15000	2410	459	912	1030	1510	242	428
24	7340	1730	5880	3470	16500	5330	460	465	252	3950	975	8220
25	4910	1530	1930	2690	16200	1360	234	460	216	385	274	8810
26	4230	1120	865	8900	11500	2910	229	452	216	2690	3900	9730
27	2560	855	1190	5360	5320	2060	656	447	398	1130	11000	4710
28	430	1380	1470	2240	3220	2450	1470	450	177	1610	8190	4020
29	532	1390	1360	1020	---	5200	1360	460	177	1130	7320	801
30	1150	3400	874	3700	---	7190	1520	395	301	7990	1720	271
31	1230	---	1330	3410	---	2660	---	397	---	10700	564	---
TOTAL	70637	53047	127019	78684	190840	187560	87723	19734	35568	54422	68731	195039
MEAN	2279	1768	4097	2538	6816	6050	2924	637	1186	1756	2217	6501
MAX	8960	8880	17200	8900	16500	16400	9880	1360	6990	10700	11000	11600
MIN	382	251	865	934	1220	1360	205	326	177	166	242	223

CAL YR 1989 TOTAL 923000 MEAN 2529 MAX 17200 MIN 155
WTR YR 1990 TOTAL 1169004 MEAN 3203 MAX 17200 MIN 166

SANTÉE RIVER BASIN

185

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM 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.

PERIOD OF RECORD.--September 1984 to September 1985, October 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: September 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.--Records of water temperature prior to October 1984 are in files of the US Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 23.0 °C, Nov. 9, 10, 1989; minimum, 6.5 °C, several days during February and March, 1985.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 25, 1989; minimum, 0.1 mg/L, Sept. 21, 1989, Oct. 4, 1990.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 23.0 °C, Nov. 9, 10; minimum, 7.0 °C, Feb. 5, 6.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Apr. 27; minimum, 0.1 mg/L, Oct. 4.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.5	18.0	19.5	22.0	19.0	20.0	16.5	15.0	15.5	9.0	8.5	8.5
2	20.0	17.5	18.5	21.0	19.0	19.5	15.5	15.0	15.0	9.0	8.5	8.5
3	20.0	17.5	18.5	22.0	18.5	19.5	16.0	15.0	15.5	9.0	8.5	8.5
4	21.5	18.0	18.5	21.0	18.5	19.5	16.0	15.0	15.0	8.5	8.5	8.5
5	21.5	18.0	18.5	20.5	18.5	19.5	16.0	14.5	15.0	10.5	8.0	9.0
6	21.0	17.5	19.0	21.0	19.0	20.0	15.5	14.0	14.5	9.5	8.0	9.0
7	20.0	16.0	19.0	22.0	19.5	20.5	14.5	14.0	14.5	8.5	8.0	8.5
8	20.0	15.0	18.0	20.5	19.5	20.0	14.5	14.0	14.0	9.5	8.0	8.5
9	20.5	16.5	18.5	23.0	18.0	21.0	14.0	13.5	14.0	10.0	8.0	8.5
10	20.0	18.0	19.0	23.0	18.5	20.0	14.5	13.5	14.0	9.0	8.5	8.5
11	20.5	18.5	19.0	22.0	18.5	19.5	14.0	13.0	13.5	9.5	8.5	9.0
12	20.0	17.0	18.5	21.5	18.5	19.5	14.0	13.0	13.5	9.0	8.5	9.0
13	19.0	18.0	18.5	22.0	18.5	20.0	13.5	13.0	13.0	9.5	9.0	9.0
14	19.0	18.5	18.5	21.0	18.5	19.5	14.0	13.0	13.0	9.5	8.5	9.0
15	20.0	18.5	19.0	20.0	18.5	19.0	14.0	12.5	13.0	9.0	8.5	8.5
16	20.5	18.5	19.5	20.0	18.5	19.0	13.5	12.5	12.5	9.5	8.5	9.0
17	20.5	18.0	18.5	18.5	18.0	18.0	12.5	12.5	12.5	10.5	8.5	9.0
18	21.5	17.5	19.0	18.0	17.5	18.0	12.5	12.0	12.5	10.5	8.5	9.0
19	19.0	17.5	18.0	18.0	17.5	18.0	12.0	11.5	12.0	9.0	8.5	8.5
20	18.0	17.5	17.5	18.0	17.5	17.5	12.0	11.5	11.5	9.0	8.5	9.0
21	18.5	17.5	18.0	20.0	17.0	17.5	12.5	11.0	11.5	10.0	8.5	9.0
22	19.5	17.5	18.0	17.5	17.0	17.0	11.5	11.0	11.0	10.0	8.5	9.0
23	20.5	18.0	19.0	17.5	16.5	17.0	11.0	10.5	11.0	9.0	8.5	9.0
24	19.5	17.5	18.5	17.5	16.5	17.0	11.0	10.5	10.5	9.0	8.5	8.5
25	19.0	18.0	18.5	17.0	16.0	16.5	10.5	9.5	10.0	9.0	8.5	8.5
26	19.0	18.0	18.5	17.0	16.0	16.5	10.5	9.5	10.0	9.5	8.5	9.0
27	19.0	18.0	18.5	16.5	15.5	16.0	10.0	9.5	9.5	10.0	8.0	9.0
28	21.5	18.5	19.5	16.5	15.5	15.5	11.0	9.0	9.5	9.5	7.5	9.0
29	22.0	18.5	19.5	16.0	15.0	15.5	10.0	9.0	9.5	11.0	7.5	9.0
30	19.5	18.5	19.0	16.0	15.0	15.5	9.5	9.0	9.5	9.5	8.5	9.0
31	20.5	18.5	19.0	---	---	---	9.5	8.5	9.0	10.0	8.0	9.0
MONTH	22.0	15.0	18.5	23.0	15.0	18.5	16.5	8.5	12.5	11.0	7.5	9.0

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.5	8.5	9.0	11.0	10.5	11.0	12.0	11.0	11.5	15.0	14.0	14.5
2	9.5	7.5	8.5	11.0	10.5	11.0	12.5	11.0	11.5	14.5	13.5	14.0
3	9.5	8.0	9.0	11.0	11.0	11.0	12.5	11.0	12.0	16.5	14.5	15.5
4	9.5	7.5	9.0	11.5	11.0	11.5	12.5	12.0	12.0	17.0	15.0	16.0
5	9.5	7.0	8.5	11.5	11.0	11.5	12.0	9.5	11.5	16.5	15.0	15.5
6	10.0	7.0	9.0	11.5	11.0	11.5	12.0	9.5	11.0	17.0	14.5	15.5
7	10.0	7.5	9.0	11.5	11.0	11.5	12.0	11.5	12.0	16.0	14.5	15.0
8	10.0	7.5	9.0	11.5	11.5	11.5	13.0	10.5	12.0	16.5	13.5	15.0
9	9.5	8.0	9.0	12.0	11.5	11.5	12.0	11.0	12.0	16.0	14.0	14.5
10	10.0	7.5	9.5	12.0	11.5	11.5	---	---	---	16.5	14.0	15.0
11	---	---	---	12.0	11.5	11.5	---	---	---	---	---	---
12	---	---	---	12.5	11.0	11.5	13.5	12.0	12.5	15.5	14.0	14.5
13	10.5	8.5	9.5	12.0	11.0	11.5	12.5	12.0	12.5	---	---	---
14	10.0	9.5	9.5	11.5	11.5	11.5	13.5	12.0	12.5	16.0	14.0	15.0
15	9.5	9.5	9.5	11.5	11.5	11.5	13.5	12.5	12.5	15.5	14.5	15.0
16	10.5	9.5	10.0	11.5	11.5	11.5	13.5	12.5	12.5	15.0	14.5	15.0
17	10.5	9.5	10.0	11.5	11.5	11.5	13.5	12.5	12.5	15.0	14.0	15.0
18	10.5	10.0	10.0	12.0	11.5	11.5	13.0	12.5	12.5	15.5	14.0	14.5
19	10.0	10.0	10.0	12.0	11.5	11.5	13.0	12.5	13.0	17.0	14.5	15.0
20	10.0	10.0	10.0	12.0	11.5	11.5	13.5	12.5	13.0	16.0	14.5	15.5
21	10.5	10.0	10.0	12.0	11.5	11.5	17.0	13.0	14.5	15.5	14.5	15.0
22	10.5	10.0	10.5	12.5	11.5	12.0	19.0	14.0	16.5	15.0	14.0	14.5
23	10.5	10.0	10.5	12.0	11.5	12.0	16.0	13.5	14.5	15.0	14.0	14.5
24	12.0	10.5	11.5	12.5	11.5	12.0	16.0	14.0	14.5	16.5	14.5	15.5
25	12.0	11.5	11.5	12.5	11.5	12.0	18.0	15.0	16.5	17.0	14.5	15.5
26	12.0	11.0	11.5	12.5	11.5	12.0	18.5	15.5	16.5	16.5	14.5	15.5
27	12.0	10.5	11.5	12.0	11.5	12.0	18.5	13.0	15.5	16.5	15.0	15.5
28	12.0	10.5	11.0	12.0	11.5	12.0	13.5	13.0	13.5	16.0	14.5	15.0
29	---	---	---	12.5	11.5	12.0	13.5	13.0	13.0	16.0	14.5	15.5
30	---	---	---	12.0	11.5	12.0	14.5	13.0	14.0	17.5	14.5	15.5
31	---	---	---	12.0	11.5	12.0	---	---	---	16.0	14.5	15.0
MONTH	12.0	7.0	10.0	12.5	10.5	11.5	19.0	9.5	13.0	17.5	13.5	15.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	17.0	14.5	15.5	21.0	15.5	18.0	16.5	14.5	15.5	21.5	17.5	19.5
2	16.0	15.0	15.5	17.5	14.5	16.0	17.5	16.0	16.5	20.5	18.5	19.5
3	16.5	15.0	15.5	17.5	14.5	16.5	20.0	14.5	17.5	20.5	18.5	19.5
4	17.5	15.0	16.0	19.5	16.0	17.5	18.5	15.0	17.0	19.0	16.5	17.5
5	17.5	15.0	16.0	19.5	16.5	18.0	19.5	14.5	16.5	17.0	16.0	16.5
6	16.5	14.5	15.5	18.0	14.5	17.0	17.5	14.0	15.5	16.5	16.0	16.5
7	16.0	15.0	15.0	16.5	15.5	15.5	20.5	15.0	17.5	19.5	16.0	17.0
8	17.0	15.5	16.5	18.0	15.0	16.5	19.0	12.0	16.0	17.5	16.5	17.0
9	17.5	15.5	16.5	17.0	14.5	16.0	---	---	---	17.5	16.5	17.0
10	18.0	16.0	16.5	18.5	15.0	16.5	---	---	---	17.0	16.5	17.0
11	18.5	16.0	17.0	17.0	15.0	15.5	---	---	---	17.5	17.0	17.0
12	19.0	15.5	17.0	17.0	15.5	16.5	---	---	---	18.0	16.5	17.0
13	17.5	15.5	16.5	18.5	16.0	16.5	---	---	---	17.5	16.5	17.0
14	17.0	15.5	16.0	17.0	15.5	16.0	17.5	12.5	15.5	18.0	17.0	17.0
15	17.0	14.5	16.0	17.0	12.5	15.0	18.0	15.5	17.0	19.0	17.0	17.5
16	17.5	16.0	16.5	19.0	13.5	17.0	---	---	---	20.5	17.0	18.0
17	18.5	16.0	17.0	19.0	15.5	17.0	---	---	---	19.5	17.0	18.0
18	17.0	15.5	16.5	18.5	16.0	17.0	16.5	13.0	15.0	18.0	17.0	17.5
19	17.5	16.0	17.0	18.0	16.0	17.0	20.0	16.5	18.0	19.0	17.0	17.5
20	17.0	14.0	16.0	19.5	15.5	17.0	18.5	13.5	16.0	18.5	17.0	17.5
21	17.5	14.0	16.5	20.5	17.0	18.5	19.5	15.0	17.0	20.0	17.0	18.0
22	17.5	13.5	16.5	21.5	18.0	19.0	19.5	15.0	18.0	18.5	17.0	17.5
23	16.0	14.0	15.5	21.5	15.5	17.5	20.5	17.5	19.0	19.5	17.5	18.0
24	20.5	14.0	17.0	19.0	15.5	16.5	21.0	16.5	18.0	20.0	17.0	17.5
25	---	---	---	19.0	15.5	17.5	22.5	16.5	20.0	18.5	17.0	17.5
26	---	---	---	18.5	14.5	16.5	19.5	16.0	18.0	20.5	17.0	18.0
27	---	---	---	18.0	15.5	16.5	19.0	16.0	17.0	21.0	17.5	18.0
28	21.5	17.0	19.0	18.0	15.0	16.5	17.5	16.5	17.0	19.5	16.5	17.5
29	21.0	18.5	19.5	17.0	15.0	15.5	18.0	17.0	17.0	20.5	16.5	18.5
30	21.5	15.0	19.0	16.5	15.5	16.0	18.5	18.0	18.0	20.0	18.5	19.5
31	---	---	---	17.5	14.5	16.0	19.0	16.5	18.0	---	---	---
MONTH	21.5	13.5	16.5	21.5	12.5	16.5	22.5	12.0	17.0	21.5	16.0	17.5
YEAR	23.0	7.0	14.5									

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.3	1.1	2.3	4.0	1.1	2.0	9.3	8.8	9.0	11.1	10.7	10.9
2	3.4	.3	.8	3.5	1.4	2.1	8.9	8.3	8.7	11.1	10.7	10.9
3	2.5	.2	.8	4.4	1.6	2.7	9.5	8.5	9.1	11.0	10.6	10.9
4	3.0	.1	.6	4.6	1.9	3.2	9.4	9.0	9.3	11.0	10.6	10.8
5	4.5	.3	1.8	4.7	3.4	3.9	9.8	9.3	9.6	11.4	10.5	10.8
6	3.0	.2	.8	5.9	3.9	4.8	9.8	9.4	9.6	11.0	10.2	10.7
7	3.1	.3	.8	6.5	4.7	5.3	9.6	9.3	9.5	10.9	10.4	10.6
8	3.1	.3	1.4	5.7	4.8	5.0	9.7	9.2	9.5	11.3	10.3	10.8
9	3.8	.5	1.6	8.1	4.4	5.8	9.7	9.5	9.6	11.3	10.6	10.9
10	4.9	.6	3.5	8.4	5.9	6.8	9.8	9.6	9.7	11.2	10.6	10.9
11	4.2	.9	2.3	7.1	5.9	6.7	9.9	9.6	9.8	11.1	10.3	10.7
12	---	---	---	8.6	5.8	7.0	9.9	9.7	9.8	11.4	10.6	11.0
13	---	---	---	9.9	6.3	7.4	9.9	9.8	9.9	11.7	11.4	11.5
14	5.4	4.6	4.8	8.6	6.8	7.5	10.1	9.8	10.0	11.4	11.1	11.3
15	5.7	4.5	4.9	8.8	7.1	7.8	10.1	9.7	10.0	11.5	10.9	11.2
16	5.3	3.6	4.4	9.9	7.7	8.5	10.2	9.8	10.0	11.5	10.8	11.1
17	3.6	.5	1.8	8.8	8.6	8.7	10.2	9.9	10.0	11.7	10.6	11.2
18	2.4	.4	1.1	8.9	8.7	8.8	10.2	9.9	10.1	11.6	10.7	11.1
19	2.5	.5	1.3	9.0	8.6	8.9	10.2	10.0	10.1	11.8	10.9	11.3
20	3.4	.5	2.1	9.1	8.8	8.9	10.2	10.0	10.1	11.6	11.1	11.3
21	2.0	.6	1.1	9.2	8.8	9.0	10.2	10.1	10.1	12.0	11.1	11.4
22	1.2	.5	.8	9.2	8.9	9.1	10.2	10.1	10.2	11.8	10.4	11.2
23	3.1	.4	1.6	9.3	9.0	9.1	10.4	10.2	10.3	10.7	10.0	10.4
24	4.4	.2	1.2	9.4	9.0	9.1	10.6	10.3	10.4	10.4	9.9	10.1
25	2.6	.2	.7	9.4	9.0	9.2	10.8	10.4	10.6	10.1	9.7	10.0
26	2.7	.2	.5	9.6	9.0	9.2	10.9	10.4	10.6	10.7	9.8	10.3
27	1.4	.2	.4	9.5	9.0	9.2	10.9	10.4	10.7	10.6	9.9	10.2
28	3.4	.2	2.0	9.4	9.0	9.2	10.9	10.7	10.8	10.1	9.8	10.0
29	4.5	.7	2.7	9.4	9.0	9.2	11.1	10.7	10.9	10.1	9.7	9.9
30	1.5	.4	.9	9.3	9.0	9.1	11.1	10.5	10.8	10.5	9.8	10.1
31	2.2	.9	1.3	---	---	---	11.0	10.6	10.9	10.4	9.7	10.0
MONTH	5.7	.1	1.7	9.9	1.1	7.1	11.1	8.3	10.0	12.0	9.7	10.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.4	9.7	9.9	10.2	9.7	10.0	9.4	9.0	9.2	8.7	7.5	8.0
2	10.0	9.4	9.7	10.4	9.7	10.0	9.7	8.9	9.3	8.8	7.4	8.0
3	9.9	9.5	9.7	10.7	9.7	10.0	9.6	8.9	9.3	11.5	7.4	9.1
4	10.1	9.4	9.7	10.5	9.9	10.2	9.5	8.8	9.2	12.4	7.2	9.1
5	10.1	9.4	9.8	10.8	10.1	10.4	9.2	8.6	9.0	10.1	7.2	8.3
6	10.0	9.5	9.8	10.7	9.9	10.3	9.1	8.5	8.8	11.9	7.4	9.1
7	10.0	9.6	9.7	10.4	9.9	10.2	9.3	8.6	9.0	12.2	7.2	9.1
8	10.5	9.4	9.8	10.4	9.9	10.2	9.5	8.7	9.0	12.1	7.1	9.0
9	10.0	9.3	9.7	10.4	9.8	10.1	9.3	8.6	9.0	10.7	6.5	8.2
10	10.3	9.4	9.9	10.1	9.7	9.9	9.0	8.3	8.7	11.9	6.2	8.6
11	10.6	9.7	10.0	10.1	9.5	9.8	9.1	8.4	8.7	12.5	6.9	8.7
12	10.2	9.8	10.0	10.5	9.3	9.8	9.3	8.3	8.7	12.5	6.8	8.9
13	10.6	9.6	10.1	10.2	9.6	9.8	9.4	8.3	8.6	11.6	6.9	8.6
14	10.5	9.9	10.2	10.2	9.5	9.8	9.1	8.3	8.6	8.9	6.4	7.4
15	10.4	10.0	10.3	10.3	9.5	9.8	8.6	8.0	8.3	7.8	5.6	7.0
16	10.7	9.9	10.3	10.1	9.5	9.8	8.7	8.1	8.3	7.8	6.2	7.1
17	10.6	10.2	10.4	10.2	9.4	9.8	8.5	8.0	8.2	7.7	6.1	7.1
18	10.5	10.1	10.3	11.0	9.8	10.2	8.7	7.9	8.2	8.7	6.2	7.3
19	10.5	10.3	10.4	10.1	9.7	10.0	8.4	7.9	8.1	8.8	6.0	7.0
20	10.6	10.3	10.4	10.3	9.5	10.0	8.8	7.6	8.2	8.6	5.9	6.9
21	10.4	10.3	10.3	10.0	9.5	9.9	10.0	7.0	8.1	7.7	5.9	6.9
22	10.4	9.9	10.2	10.0	9.4	9.7	10.2	6.8	8.4	7.4	6.5	7.0
23	10.3	10.1	10.2	9.9	9.3	9.6	9.0	7.1	7.9	7.8	6.0	6.9
24	10.8	10.3	10.7	9.9	9.4	9.6	10.0	6.7	8.2	8.7	5.8	6.9
25	11.0	10.3	10.7	9.9	9.3	9.6	11.8	6.5	8.5	9.1	5.9	6.8
26	10.6	9.8	10.4	9.5	9.2	9.3	12.3	6.4	8.7	8.8	5.7	6.8
27	10.5	9.8	10.2	9.6	9.1	9.4	12.8	6.2	8.4	9.0	5.7	6.8
28	10.3	9.7	10.1	9.6	9.1	9.4	8.0	7.4	7.8	7.2	5.6	6.2
29	---	---	---	10.0	9.1	9.5	8.1	7.2	7.6	9.3	5.6	7.3
30	---	---	---	10.0	9.3	9.5	8.8	7.4	7.9	10.4	7.1	8.2
31	---	---	---	9.5	9.0	9.3	---	---	---	9.0	7.0	7.8
MONTH	11.0	9.3	10.1	11.0	9.0	9.8	12.8	6.2	8.5	12.5	5.6	7.7

SANTÉE RIVER BASIN

189

02169000 SALUDA RIVER NEAR COLUMBIA, SC

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

DRAINAGE AREA.--2,520 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Datum of gage is 149.46 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

REMARKS.--Records good, except for estimated daily discharges: Nov. 9 - 20, June 18 - 20, 22 - 26, 28, 29, which are fair. Flow regulated by Lake Murray (see sta 02168500).

AVERAGE DISCHARGE.--65 years, 2835 ft³/s, 15.28 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 67,000 ft³/s, Oct. 2, 1929, gage height, 15.22 ft, from rating curve extended above 36,000 ft³/s on basis of discharge measurements made at Wise Ferry Bridge near Chapin; minimum, 11 ft³/s, July 13, 1930; minimum daily, 12 ft³/s, July 13, 1930, caused by construction work above station.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,600 ft³/s, Feb. 22, gage height, 8.52 ft; minimum, 214 ft³/s, June 30, July 1, 21, gage height, 1.51 ft; minimum daily, 222 ft³/s, June 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	812	709	2360	2110	3650	3030	3990	1370	618	352	8780	416
2	5340	512	2120	1610	1820	4860	7700	1350	627	837	946	289
3	4530	630	5270	1550	1690	3570	9850	556	620	2450	498	285
4	6760	782	10500	1900	1780	4850	4540	446	870	383	457	7790
5	667	837	2800	1320	1610	10300	3530	637	763	291	710	9070
6	7420	526	1630	1410	1840	11100	2830	478	805	623	1020	9160
7	1560	393	1690	1720	1550	9890	2810	453	5790	1560	770	7450
8	520	349	2130	2930	1510	14000	2900	444	1460	579	990	4240
9	612	429	2870	3980	1260	7180	5700	422	710	3220	1300	2210
10	554	428	2100	3450	4640	2500	3270	512	733	6080	1130	7080
11	522	833	2130	2000	2270	1690	4770	486	664	2830	670	10200
12	432	875	2090	1700	4480	3830	7370	482	642	936	673	10300
13	765	399	9490	2630	4860	3750	2860	449	821	664	2900	9950
14	447	676	5610	2480	2160	3600	2820	978	1360	585	1060	11000
15	447	5810	2360	3160	2510	4450	2860	1240	2130	420	709	8970
16	446	8860	2020	1840	7150	4820	4090	1250	735	403	6360	6700
17	7920	7220	1860	2090	9880	6910	4580	1430	633	484	711	8670
18	6550	4370	6480	2550	10500	11900	2900	968	1220	502	970	7930
19	1910	1890	8980	2050	15400	10700	3950	534	1190	454	464	7650
20	1410	2610	5450	1360	14600	12000	1930	525	7010	471	3630	9150
21	1040	1120	5460	953	18100	16300	466	1150	9220	234	896	7400
22	722	1530	11800	2680	21100	6530	353	1340	1350	274	436	8180
23	465	1840	16600	5190	20800	2410	464	1000	1160	1350	351	1160
24	6950	1770	7030	3930	16000	5580	572	580	400	3830	1110	7550
25	5160	1540	2410	3040	15900	1740	318	526	364	838	272	8630
26	4360	1290	944	8660	11800	3070	300	521	364	2620	3490	9580
27	2820	811	1130	5880	6030	2220	466	518	452	1450	9880	5270
28	628	1380	1510	2570	3460	2730	1510	590	330	1570	7950	3920
29	541	1460	1610	1240	---	4660	1440	660	326	1240	7230	1170
30	1170	3440	986	3790	---	7600	1530	634	222	7280	2120	330
31	1170	---	1320	3550	---	3220	---	620	---	9570	762	---
TOTAL	74650	55319	130740	85323	208350	190990	92669	23149	43589	54380	69245	191700
MEAN	2408	1844	4217	2752	7441	6161	3089	747	1453	1754	2234	6390
MAX	7920	8860	16600	8660	21100	16300	9850	1430	9220	9570	9880	11000
MIN	432	349	944	953	1260	1690	300	422	222	234	272	285

CAL YR 1989 TOTAL 952598 MEAN 2610 MAX 16600 MIN 209
WTR YR 1990 TOTAL 1220104 MEAN 3343 MAX 21100 MIN 222

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 1987 to current year.

DISSOLVED OXYGEN: July 1987 to current year.

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

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, 13.9 mg/L, May 27, 1990; minimum, 1.5 mg/L, Aug. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 26.0°C, July 23; minimum, 7.5°C, Dec. 26, Jan. 2.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L, May 27; minimum, 1.9 mg/L, Aug. 28.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.0	20.5	20.5	19.0	18.5	18.5	15.5	14.0	15.0	9.5	8.5	9.0
2	21.0	17.0	19.5	18.5	18.0	18.0	15.0	14.0	14.5	8.5	7.5	8.0
3	18.5	17.0	18.0	18.5	17.5	18.0	15.0	14.0	14.5	9.0	8.0	8.5
4	19.5	17.0	18.5	18.0	17.5	17.5	15.0	14.0	14.5	9.0	8.5	8.5
5	19.0	17.5	18.5	18.5	17.0	17.5	15.0	14.0	14.5	9.0	8.5	8.5
6	19.5	17.5	19.0	18.5	17.5	18.0	14.5	13.0	14.0	9.5	8.5	9.0
7	19.5	19.0	19.0	19.0	17.5	18.5	14.5	13.5	14.0	9.5	8.5	9.0
8	20.5	18.5	19.5	19.5	19.0	19.0	13.5	10.5	12.0	9.0	8.5	8.5
9	19.5	17.5	18.5	---	---	---	12.5	11.5	12.0	9.0	8.0	8.5
10	18.0	17.0	17.5	---	---	---	12.5	11.5	12.0	9.0	8.0	8.5
11	19.0	17.5	18.0	---	---	---	13.0	12.0	12.5	9.5	8.0	9.0
12	19.5	18.0	18.5	---	---	---	13.0	12.5	12.5	9.5	8.5	9.0
13	19.5	18.5	19.0	---	---	---	13.0	11.5	12.5	9.0	8.0	8.5
14	19.0	18.5	18.5	---	---	---	12.5	12.0	12.5	9.0	8.0	8.5
15	19.5	19.0	19.0	18.5	18.0	18.5	12.5	11.0	12.0	9.5	8.0	8.5
16	20.5	19.5	20.0	---	---	---	12.5	11.5	11.5	9.5	8.0	9.0
17	20.5	19.0	19.5	---	---	---	11.5	10.5	11.0	9.5	8.5	9.0
18	19.5	18.0	19.0	---	---	---	12.0	10.5	11.5	9.5	9.0	9.0
19	19.0	17.5	18.0	---	---	---	11.5	10.5	11.5	9.0	8.5	9.0
20	17.0	16.0	16.5	17.5	17.0	17.5	11.5	10.0	11.0	9.5	9.0	9.0
21	17.0	15.0	16.0	17.0	16.5	16.5	11.0	10.0	10.5	10.5	9.5	10.0
22	17.5	16.0	17.0	16.5	16.0	16.0	11.0	10.0	10.5	10.5	8.5	9.5
23	17.5	16.5	17.0	16.0	15.0	15.5	10.5	10.0	10.0	9.5	8.0	9.0
24	19.0	16.0	18.0	16.0	14.5	15.5	10.0	9.0	9.5	9.5	8.5	9.0
25	19.0	17.0	18.0	16.0	15.0	15.5	9.5	9.0	9.5	10.0	8.5	9.0
26	19.5	16.5	18.0	16.5	15.5	16.0	9.0	7.5	8.5	9.5	8.0	9.0
27	18.5	17.0	18.0	16.0	15.5	16.0	9.0	8.0	8.5	9.5	8.0	9.0
28	18.0	17.5	18.0	16.5	16.0	16.0	9.5	8.5	9.0	9.5	8.0	9.0
29	19.0	17.5	18.5	16.0	14.5	15.5	9.0	8.0	8.5	10.5	8.5	9.5
30	19.0	18.0	18.5	15.5	14.0	15.0	9.5	9.0	9.0	10.5	8.5	9.5
31	19.0	18.5	19.0	---	---	---	9.5	9.0	9.0	10.0	8.5	9.0
MONTH	21.0	15.0	18.5	19.5	14.0	17.0	15.5	7.5	11.5	10.5	7.5	9.0

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	9.9	9.1	9.6	---	---	---
2	---	---	---	---	---	---	9.8	9.1	9.5	---	---	---
3	---	---	---	8.3	7.2	7.7	10.0	9.1	9.5	---	---	---
4	---	---	---	8.0	6.8	7.4	9.7	8.9	9.4	12.0	11.1	11.5
5	---	---	---	8.9	6.5	7.5	10.7	9.4	9.8	13.0	10.8	12.0
6	---	---	---	8.4	6.2	7.2	10.3	9.8	10.0	12.1	10.8	11.6
7	---	---	---	8.7	7.0	7.8	10.5	9.7	10.1	11.5	10.9	11.2
8	---	---	---	8.1	6.8	7.4	11.0	10.0	10.4	11.8	11.0	11.5
9	---	---	---	9.2	6.9	8.1	10.6	10.0	10.3	12.9	10.7	11.6
10	---	---	---	---	---	---	10.8	10.2	10.5	12.4	10.6	11.5
11	---	---	---	---	---	---	10.5	10.0	10.3	12.4	10.9	11.6
12	---	---	---	---	---	---	10.6	9.9	10.2	12.4	11.0	11.6
13	7.8	5.7	6.6	---	---	---	10.4	9.4	10.0	12.5	10.8	11.7
14	6.5	5.0	5.6	---	---	---	10.7	9.7	10.3	12.2	10.9	11.2
15	7.3	5.9	6.5	---	---	---	10.9	10.0	10.6	11.8	9.9	11.3
16	7.8	6.1	6.8	---	---	---	12.4	10.0	10.7	11.7	10.3	11.3
17	6.9	3.0	4.8	---	---	---	11.3	10.3	10.8	12.7	10.2	11.0
18	4.6	3.3	3.9	---	---	---	11.0	9.8	10.6	11.7	10.7	11.1
19	5.0	3.5	4.2	---	---	---	12.6	9.4	10.7	11.7	10.5	11.0
20	5.3	4.1	4.6	---	---	---	11.2	10.5	10.7	11.3	10.5	10.9
21	6.6	5.1	5.9	---	---	---	12.7	10.2	10.9	---	---	---
22	6.3	4.9	5.5	---	---	---	10.9	10.3	10.6	---	---	---
23	6.4	5.5	5.9	---	---	---	11.2	10.4	10.7	---	---	---
24	6.5	3.3	4.9	---	---	---	11.7	10.1	10.9	---	---	---
25	5.3	3.1	4.3	---	---	---	12.8	10.5	11.3	---	---	---
26	5.8	2.4	4.0	---	---	---	12.3	10.8	11.6	---	---	---
27	4.7	3.6	4.1	---	---	---	12.3	10.5	11.3	---	---	---
28	5.7	3.5	4.4	9.8	8.9	9.4	12.3	9.2	10.7	---	---	---
29	6.0	5.4	5.7	10.1	9.0	9.6	11.1	6.0	8.4	---	---	---
30	5.7	3.3	4.4	9.8	8.9	9.5	10.8	7.3	9.5	---	---	---
31	---	---	---	---	---	---	10.4	6.7	8.7	---	---	---
MONTH	7.8	2.4	5.1	10.1	6.2	8.2	12.8	6.0	10.3	13.0	9.9	11.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	11.6	9.5	10.8	8.5	8.0	8.2	11.4	8.8	9.9
2	---	---	---	11.7	9.6	10.6	8.6	8.0	8.2	11.5	8.8	10.0
3	---	---	---	11.5	8.2	10.7	8.3	7.9	8.1	10.8	8.9	9.7
4	---	---	---	11.5	8.4	10.7	8.9	8.1	8.4	12.6	9.4	10.6
5	---	---	---	11.3	8.4	10.7	8.9	8.2	8.5	11.0	8.6	9.7
6	---	---	---	11.2	8.0	10.4	8.8	8.3	8.5	10.1	8.4	9.2
7	---	---	---	11.4	9.6	10.8	9.1	8.1	8.6	11.7	9.7	10.7
8	---	---	---	11.2	7.5	10.5	9.4	8.3	8.7	11.3	8.7	10.0
9	---	---	---	11.3	10.2	10.9	8.9	8.1	8.5	9.5	8.4	8.8
10	---	---	---	11.7	7.6	10.6	8.8	8.3	8.6	9.6	8.3	8.9
11	---	---	---	11.4	9.1	10.6	8.9	8.1	8.4	9.8	8.1	8.8
12	---	---	---	11.7	9.6	10.4	8.8	8.1	8.4	10.2	8.7	9.3
13	---	---	---	11.1	9.1	10.0	9.6	8.3	8.9	9.7	8.4	9.1
14	11.2	10.1	10.7	10.5	8.5	9.5	9.3	8.3	8.8	9.9	8.2	8.9
15	10.9	9.5	10.1	---	---	---	9.3	8.2	8.7	9.7	8.2	8.9
16	10.4	9.4	10.0	---	---	---	9.1	8.3	8.6	9.5	8.4	8.7
17	10.7	8.9	9.8	---	---	---	9.3	8.3	8.6	9.5	7.4	8.6
18	10.6	8.5	9.9	---	---	---	10.0	8.3	8.9	10.9	7.9	9.5
19	10.7	10.3	10.4	---	---	---	9.4	8.4	8.8	10.7	8.8	10.0
20	10.4	8.9	10.0	---	---	---	9.9	8.6	9.2	9.9	8.6	9.3
21	10.5	8.9	9.9	---	---	---	10.2	8.9	9.4	9.6	7.5	8.7
22	10.7	9.4	10.1	---	---	---	10.3	8.9	9.5	---	---	---
23	10.6	9.3	10.1	---	---	---	10.9	9.0	9.8	10.8	8.8	10.0
24	11.7	9.4	10.4	---	---	---	11.0	8.9	9.8	10.8	8.4	9.4
25	11.8	9.5	10.7	---	---	---	11.0	9.4	10.0	10.8	8.5	9.7
26	11.6	9.0	10.7	---	---	---	11.1	9.5	10.3	10.7	8.4	9.5
27	11.3	8.8	10.6	10.6	8.0	9.3	11.2	9.6	10.3	13.9	8.5	11.2
28	11.2	9.2	10.5	8.7	7.8	8.3	10.2	8.8	9.6	11.5	8.7	9.8
29	---	---	---	8.3	7.8	8.0	10.1	8.8	9.4	9.2	7.9	8.5
30	---	---	---	8.3	7.8	8.0	11.1	8.9	9.9	10.8	7.9	9.0
31	---	---	---	8.5	7.9	8.2	---	---	---	10.5	8.5	9.4
MONTH	11.8	8.5	10.3	11.7	7.5	9.9	11.2	7.9	9.0	13.9	7.4	9.5

SANTEE RIVER BASIN

02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.--Lat 33°59'35'', long 81°03'00'', Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 113.02 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records fair. 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. City of Columbia diverted about 50 ft³/s above station for municipal supply.

AVERAGE DISCHARGE.--51 years, 9,129 ft³/s, 15.78 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155,000 ft³/s, Oct. 11, 1976, gage height, 29.74 ft; minimum, 588 ft³/s, Jan. 19, 1942, gage height, 0.94 ft; minimum daily, 662 ft³/s, Oct. 18, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood since at least October 1891, discharge 364,000 ft³/s, Aug. 27, 1908, gage height, 39.8 ft, present datum, at site 1,000 ft upstream, from records of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 93,700 ft³/s, Oct. 3, gage height, 23.37 ft; minimum, 1,130 ft³/s, June 25, gage height, 1.82 ft; minimum daily, 1720 ft³/s, June 25, Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12300	4820	5170	7940	11400	12500	12300	7060	7360	2210	9450	2530
2	57100	4270	7470	7760	10200	12200	15400	4850	5810	2240	3180	2970
3	83400	2420	10100	9780	10400	13300	17800	6370	4730	5740	2060	5450
4	72500	5060	13400	8540	9120	23600	12900	7160	4940	2840	2530	11600
5	30600	4390	6630	9620	7770	24000	11100	7700	3660	2260	2230	13200
6	20200	3150	3760	9400	8480	26300	9740	6490	3190	2280	3290	11400
7	9790	3870	5910	8170	9840	21600	9030	6330	7210	2870	4300	9570
8	3650	4590	9270	13800	10400	20300	9000	6360	5710	1920	4290	5340
9	6080	3010	12500	18800	9340	14200	10900	6400	3370	4120	4470	4120
10	6050	3650	16500	19400	16700	9960	8980	6620	5060	7540	4210	9770
11	6110	3820	17000	11800	27500	10400	10600	6770	4680	4420	2850	10600
12	6010	4860	14800	7790	31400	11000	12600	6550	4220	2350	2000	11400
13	5410	4600	22000	8990	22900	9340	9030	6490	4690	2180	3590	10200
14	2210	4510	31100	9620	13400	8990	8660	6830	5150	2290	2230	13300
15	3550	7700	19600	8750	9860	9660	8840	7090	5150	4030	2570	13400
16	3530	10200	15100	7160	12200	11800	9610	7240	3210	4090	7100	8480
17	9900	12100	10600	7860	36000	15500	10200	7270	2780	3860	2640	8760
18	8330	9620	12700	8150	54500	27900	8730	6640	3640	4290	2580	7970
19	6890	7140	14200	7560	63900	48000	9540	5160	4440	4940	2260	8150
20	6880	7320	11900	7110	66000	48100	7720	4920	8400	3700	4830	9520
21	6070	6740	11300	7130	57600	41900	6490	4400	7520	2720	3600	9900
22	6450	7110	15500	8690	43200	19000	6350	5210	4630	3720	3090	9630
23	4160	7790	19200	11900	36300	9810	6580	5120	4790	4480	3360	3130
24	9040	7840	11300	18700	37500	14800	6410	5590	3690	6140	4540	7200
25	8850	7600	6900	11000	27600	9820	6250	4380	1720	4810	5320	9080
26	8200	7250	5470	17600	24400	11000	4850	5340	3500	6200	6260	11000
27	7080	6530	5610	21600	15100	9690	6220	4980	3910	5060	11200	8110
28	3700	7140	5800	17700	10700	10200	7490	4000	2930	4640	11000	5430
29	2160	6590	5900	12000	---	11500	6680	4960	1990	2870	11300	2730
30	4770	4950	5310	11400	---	15800	7250	7200	1990	8130	5200	1720
31	5440	---	5650	9300	---	11700	---	7880	---	9650	3450	---
TOTAL	426410	180640	357650	345020	693710	543870	277250	189360	134070	128590	140980	245660
MEAN	13760	6021	11540	11130	24780	17540	9242	6108	4469	4148	4548	8189
MAX	83400	12100	31100	21600	66000	48100	17800	7880	8400	9650	11300	13400
MIN	2160	2420	3760	7110	7770	8990	4850	4000	1720	1920	2000	1720

CAL YR 1989 TOTAL 3103480 MEAN 8503 MAX 83400 MIN 1670
WTR YR 1990 TOTAL 3663210 MEAN 10040 MAX 83400 MIN 1720

Santee River Basin

195

02169570 GILLS CREEK AT COLUMBIA, SC

LOCATION.--Lat 33°59'22'', long 80°58'28'', Richland County, Hydrologic Unit 03050110, at left bank, downstream side of bridge on U.S. Highways 378 and 76 (Devine Street) at Columbia, 0.75 mi downstream from Lake Katherine, and at mile 7.7.

DRAINAGE AREA.--59.6 mi².

PERIOD OF RECORD.--Water years 1964-66 (annual maximum), September 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 137.38 ft above National Geodetic Vertical Datum of 1929. Apr. 1, 1964 to Aug. 6, 1966, crest-stage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: Apr. 5 to May 16 and Sept. 18 - 19, which are poor. Some possible interruption of natural flow by private lakes upstream.

AVERAGE DISCHARGE.--24 years, 74.6 ft³/s, 17.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,410 ft³/s, Aug. 12, 1986, gage height, 9.33 ft; minimum daily, 1.6 ft³/s, Aug. 1, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 8	1545	* 579	* 5.30	No other peak greater than base discharge.			

Minimum daily, 5.4 ft³/s, July 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	153	21	19	85	89	24	101	20	40	14	9.3	18
2	338	52	39	128	71	21	98	20	31	12	9.0	16
3	349	27	45	116	24	58	91	19	28	10	8.8	15
4	280	19	48	72	31	69	68	205	26	9.3	8.6	13
5	145	19	61	43	62	92	41	240	23	8.7	8.4	12
6	49	59	67	209	122	127	38	110	22	7.8	12	11
7	50	85	41	198	87	105	35	40	20	7.1	9.9	11
8	50	99	395	254	23	39	24	24	20	6.5	34	10
9	51	77	511	186	23	18	22	25	21	5.9	26	9.5
10	50	32	356	167	24	18	22	105	25	5.4	18	9.4
11	49	20	227	128	22	18	23	40	22	9.1	15	10
12	45	19	224	174	48	18	22	22	20	9.4	13	10
13	45	55	276	167	112	18	20	20	19	13	12	10
14	45	55	206	160	109	21	20	20	18	41	11	89
15	46	55	152	112	121	21	22	22	17	24	35	100
16	46	69	117	87	266	21	21	26	16	20	57	53
17	39	62	95	78	266	31	20	27	16	24	53	34
18	20	73	84	46	192	32	18	29	15	23	40	23
19	19	64	106	118	184	30	18	29	14	32	33	17
20	18	69	98	114	140	27	19	26	14	49	27	17
21	18	88	92	115	109	27	18	27	13	35	23	16
22	33	41	87	75	99	27	19	26	13	31	32	22
23	53	75	78	56	116	27	18	24	13	26	31	19
24	54	42	71	23	110	27	18	22	12	21	61	17
25	44	50	71	51	93	26	18	21	11	18	44	15
26	28	86	82	80	75	27	17	21	11	15	50	14
27	28	92	97	146	40	32	17	20	11	13	41	14
28	28	76	54	131	25	41	140	55	10	12	29	13
29	29	22	26	109	---	64	66	75	9.8	11	24	12
30	28	19	51	157	---	70	24	77	9.4	10	21	12
31	42	---	67	112	---	109	---	55	---	9.7	19	---
TOTAL	2272	1622	3943	3697	2683	1285	1098	1492	540.2	532.9	815.0	641.9
MEAN	73.3	54.1	127	119	95.8	41.5	36.6	48.1	18.0	17.2	26.3	21.4
MAX	349	99	511	254	266	127	140	240	40	49	61	100
MIN	18	19	19	23	22	18	17	19	9.4	5.4	8.4	9.4

CAL YR 1989 TOTAL 30768.6 MEAN 84.3 MAX 743 MIN 4.8
WTR YR 1990 TOTAL 20622.0 MEAN 56.5 MAX 511 MIN 5.4

SANTEE RIVER BASIN

02169630 BIG BEAVER CREEK NEAR ST. MATTHEWS, SC

LOCATION.--Lat 33°44'12'', long 80°57'30'', Calhoun County, Hydrologic Unit 03050110, at center, downstream side of box culvert on U.S. Highway 21, 0.1 mi downstream from Rock Branch, 11.6 mi northwest of St. Matthews, and at mile 8.2.

DRAINAGE AREA.--10.0 mi².

PERIOD OF RECORD.--July 1966 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 164.21 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--24 years, 13.2 ft³/s, 17.93 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,360 ft³/s, July 29, 1971, from rating extended above 210 ft³/s, gage height, 6.66 ft; minimum, 3.6 ft³/s, June 2, 1988, gage height, 0.47 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 100 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 8	1730	* 48	* 2.55				

Minimum, 3.7 ft³/s, July 10, 12, gage height, 0.39.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	8.9	9.5	17	10	9.1	13	8.5	6.9	5.1	4.3	5.4
2	20	15	9.5	14	10	9.1	12	8.3	6.9	5.1	4.6	5.2
3	13	13	9.5	13	10	9.6	11	8.2	7.0	5.0	5.3	5.2
4	10	9.7	9.5	13	11	9.5	10	9.3	7.1	5.1	4.7	5.3
5	9.6	9.2	9.7	13	11	9.1	9.8	33	6.5	4.8	4.5	5.2
6	9.4	9.1	9.6	14	10	9.0	9.5	20	6.4	4.7	6.0	5.1
7	9.3	9.4	12	15	9.9	8.8	10	12	6.3	4.5	8.5	4.8
8	8.9	9.7	35	19	9.8	8.7	9.5	10	6.7	4.5	7.3	5.1
9	8.7	10	29	14	9.9	9.2	9.4	9.5	6.9	4.5	11	5.1
10	8.6	9.5	20	13	12	9.5	9.4	12	8.1	4.5	9.6	5.0
11	8.7	9.0	16	13	10	9.1	12	9.7	7.9	4.6	6.6	4.8
12	8.7	8.9	17	13	9.6	9.0	9.8	9.3	6.6	4.9	5.9	4.8
13	8.8	9.1	20	12	9.3	9.1	9.3	9.0	6.3	11	5.5	4.9
14	8.7	9.3	15	12	9.3	9.5	9.3	8.9	6.2	11	5.5	16
15	9.3	17	14	12	9.2	9.3	9.3	8.1	8.4	9.2	6.3	9.2
16	8.9	21	13	12	12	9.4	9.3	7.6	13	6.8	7.9	6.3
17	9.4	14	13	11	14	11	9.1	8.5	7.9	6.3	7.6	5.6
18	12	11	13	11	10	12	8.9	8.9	6.9	6.2	6.6	5.6
19	13	10	17	11	14	10	8.9	7.7	6.5	6.3	5.9	5.8
20	9.7	10	15	11	12	9.3	8.8	7.4	6.1	6.1	5.5	5.6
21	9.0	9.9	15	12	10	9.2	8.7	8.2	5.9	5.6	5.4	5.5
22	8.8	9.5	13	11	13	9.0	8.7	7.6	8.6	5.6	7.7	5.6
23	8.7	15	13	11	13	8.9	8.6	7.2	11	5.4	10	4.9
24	8.5	12	13	11	11	8.9	8.5	6.8	7.2	5.2	8.4	4.6
25	8.6	11	13	13	9.7	9.0	8.4	6.7	6.6	5.4	7.2	4.7
26	8.5	11	13	18	9.4	8.9	8.3	6.6	6.2	5.0	6.6	4.7
27	8.4	10	13	12	9.3	8.9	8.2	6.6	6.0	4.7	6.1	4.6
28	8.4	10	13	11	9.2	9.0	9.2	10	5.8	4.7	5.8	4.6
29	8.3	9.8	12	11	---	16	13	11	5.5	4.6	5.6	4.7
30	8.5	9.4	12	11	---	15	8.9	7.7	5.3	4.5	5.4	5.4
31	9.0	---	14	11	---	18	---	7.1	---	4.3	5.5	---
TOTAL	301.4	330.4	450.3	395	297.6	310.1	288.8	301.4	212.7	175.2	202.8	169.3
MEAN	9.72	11.0	14.5	12.7	10.6	10.0	9.63	9.72	7.09	5.65	6.54	5.64
MAX	20	21	35	19	14	18	13	33	13	11	11	16
MIN	8.3	8.9	9.5	11	9.2	8.7	8.2	6.6	5.3	4.3	4.3	4.6

CAL YR 1989 TOTAL 3983.5 MEAN 10.9 MAX 49 MIN 6.3
WTR YR 1990 TOTAL 3435.0 MEAN 9.41 MAX 35 MIN 4.3

SANTÉE RIVER BASIN

197

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°45'07'', long 80°38'45'', Richland County, Hydrologic Unit 03050104, on right bank, 0.1 mi upstream from US Highway 601, 3.7 mi south of Wateree, 2.9 mi east northeast of Fort Motte, and at mile 126.2.

PERIOD OF RECORD.--May 1988 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1988 to current year.

pH: May 1988 to current year.

WATER TEMPERATURE: May 1988 to current year.

DISSOLVED OXYGEN: May 1988 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 134 microsiemens, Sept. 16, 1989; minimum, 50 microsiemens, Oct. 5, 1989.

pH: Maximum, 8.2 units, June 21, 1988; minimum, 5.1 units, July 15, Sept. 6, 1988.

WATER TEMPERATURE: Maximum, 31.0°C, several days in 1988, June 30, 1990; minimum, 3.5°C, Dec. 28, 1989.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Mar. 2, 1989; minimum, 2.2 mg/L, Oct. 4, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 110 microsiemens, Oct. 1, Aug. 27; minimum, 50 microsiemens, Oct. 5.

pH: Maximum, 7.4 units, Sept. 29; minimum, 5.3 units, Nov. 3 - 10.

WATER TEMPERATURE: Maximum, 31.0°, June 30; minimum, 3.5°C, Dec. 28.

DISSOLVED OXYGEN: Maximum, 11.6 mg/L, Dec. 28; minimum, 2.2 mg/L, Oct. 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	98	97	97
13	---	---	---	---	---	---	---	---	---	99	96	97
14	---	---	---	---	---	---	---	---	---	100	97	99
15	---	---	---	---	---	---	---	---	---	98	97	98
16	---	---	---	---	---	---	---	---	---	99	96	98
17	---	---	---	---	---	---	---	---	---	98	95	97
18	---	---	---	---	---	---	---	---	---	100	95	98
19	---	---	---	---	---	---	---	---	---	102	100	100
20	---	---	---	---	---	---	---	---	---	103	99	101
21	---	---	---	---	---	---	---	---	---	104	102	103
22	---	---	---	---	---	---	---	---	---	104	101	103
23	---	---	---	---	---	---	---	---	---	103	101	102
24	---	---	---	---	---	---	---	---	---	102	99	101
25	---	---	---	---	---	---	---	---	---	103	99	100
26	---	---	---	---	---	---	---	---	---	104	98	101
27	---	---	---	---	---	---	---	---	---	104	102	103
28	---	---	---	---	---	---	---	---	---	102	98	100
29	---	---	---	---	---	---	---	---	---	101	98	100
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	104	95	100

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1										---	---	---
2										---	---	---
3										---	---	---
4										---	---	---
5										---	---	---
6										---	---	---
7										---	---	---
8										---	---	---
9										---	---	---
10										---	---	---
11										---	---	---
12										23.0	21.5	22.5
13										22.5	22.0	22.5
14										23.0	21.5	22.5
15										24.0	22.0	23.0
16										25.0	24.0	24.5
17										25.0	24.0	24.5
18										25.0	23.5	24.0
19										24.5	24.0	24.5
20										25.5	24.0	24.5
21										25.5	24.5	25.0
22										26.0	25.5	25.5
23										26.5	25.5	26.0
24										26.5	25.5	26.0
25										25.5	24.5	25.0
26										24.5	23.5	24.0
27										23.0	22.0	22.5
28										22.5	21.5	22.0
29										23.5	22.0	23.0
30										25.0	23.5	24.5
31										26.0	24.5	25.5
MONTH										26.5	21.5	24.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	27.0	25.5	26.5	27.0	26.0	27.0	---	---	---	25.5	25.0	25.0
2	27.5	26.5	27.0	27.5	26.0	27.0	---	---	---	25.5	24.5	25.0
3	27.0	23.5	26.0	27.5	26.0	26.5	---	---	---	26.5	25.5	26.0
4	24.5	22.5	23.5	26.0	25.0	25.0	---	---	---	27.5	26.5	27.0
5	25.0	23.0	24.0	26.0	24.0	25.0	---	---	---	27.5	26.5	27.0
6	26.0	23.5	24.5	27.5	25.5	26.5	---	---	---	27.0	26.5	26.5
7	27.5	25.0	26.0	28.0	26.0	27.0	---	---	---	26.5	25.5	26.0
8	27.5	26.5	27.0	28.5	26.5	27.5	---	---	---	25.5	23.5	24.5
9	27.0	25.5	26.0	29.5	27.5	28.5	---	---	---	23.5	22.5	23.0
10	26.5	24.5	25.0	28.5	26.5	28.0	---	---	---	23.5	22.5	23.5
11	24.5	23.0	24.0	29.0	28.0	28.5	31.0	30.0	30.5	24.5	23.5	24.0
12	25.0	23.5	24.5	29.0	28.0	28.5	30.5	29.0	29.5	25.5	24.5	25.0
13	26.0	24.5	25.0	28.5	28.0	28.5	29.5	28.5	29.0	26.0	25.5	25.5
14	26.5	25.0	26.0	29.5	28.0	28.5	29.5	28.5	29.0	27.0	26.0	26.5
15	27.0	25.5	26.5	31.0	29.0	30.0	29.0	28.0	28.5	27.5	26.5	27.0
16	28.0	26.0	27.0	---	---	---	28.5	27.5	28.0	27.0	26.0	26.5
17	28.0	27.0	27.5	---	---	---	30.0	28.0	29.0	26.0	24.5	25.5
18	28.0	26.5	27.5	---	---	---	31.0	29.0	30.0	24.5	23.5	24.0
19	28.0	26.5	27.5	---	---	---	31.0	29.5	30.5	24.5	23.5	24.0
20	29.0	27.0	28.0	---	---	---	31.0	29.5	30.0	26.0	24.0	25.0
21	30.0	28.0	29.0	---	---	---	30.5	29.5	30.0	27.0	25.5	26.5
22	30.5	28.5	29.5	---	---	---	29.5	28.5	29.0	26.5	24.5	25.5
23	30.0	29.0	29.5	---	---	---	29.0	28.5	28.5	26.5	24.5	25.5
24	30.0	29.5	30.0	---	---	---	29.0	28.0	28.5	26.5	26.0	26.5
25	30.5	29.5	30.0	---	---	---	29.5	28.0	28.5	27.5	26.0	27.0
26	30.5	29.5	30.0	---	---	---	29.5	28.0	28.5	27.0	25.0	26.0
27	29.5	28.5	29.0	---	---	---	29.0	28.0	28.5	25.0	23.5	24.5
28	28.5	27.0	28.0	---	---	---	28.0	26.0	27.0	24.5	23.5	24.0
29	28.5	27.0	28.0	---	---	---	26.5	25.5	26.0	25.0	24.5	25.0
30	28.5	27.5	27.5	---	---	---	26.0	25.0	25.5	25.0	24.5	25.0
31	---	---	---	---	---	---	26.0	25.5	26.0	---	---	---
MONTH	30.5	22.5	27.0	31.0	24.0	27.5	31.0	25.0	28.5	27.5	22.5	25.5
YEAR	31.0	21.5	26.5									

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	7.5	7.1	7.4
13	---	---	---	---	---	---	---	---	---	7.2	7.0	7.1
14	---	---	---	---	---	---	---	---	---	7.4	7.0	7.2
15	---	---	---	---	---	---	---	---	---	7.4	7.1	7.3
16	---	---	---	---	---	---	---	---	---	7.4	7.0	7.2
17	---	---	---	---	---	---	---	---	---	7.2	6.8	7.0
18	---	---	---	---	---	---	---	---	---	7.2	6.7	6.9
19	---	---	---	---	---	---	---	---	---	7.0	6.6	6.8
20	---	---	---	---	---	---	---	---	---	7.3	6.7	7.0
21	---	---	---	---	---	---	---	---	---	7.4	7.0	7.2
22	---	---	---	---	---	---	---	---	---	7.6	7.0	7.2
23	---	---	---	---	---	---	---	---	---	7.8	7.1	7.4
24	---	---	---	---	---	---	---	---	---	7.8	7.1	7.4
25	---	---	---	---	---	---	---	---	---	8.2	6.9	7.3
26	---	---	---	---	---	---	---	---	---	7.3	6.7	7.0
27	---	---	---	---	---	---	---	---	---	7.3	6.9	7.1
28	---	---	---	---	---	---	---	---	---	7.9	7.2	7.5
29	---	---	---	---	---	---	---	---	---	7.8	7.4	7.6
30	---	---	---	---	---	---	---	---	---	7.9	7.3	7.6
31	---	---	---	---	---	---	---	---	---	8.1	7.2	7.6
MONTH	---	---	---	---	---	---	---	---	---	8.2	6.6	7.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.8	7.2	7.5	7.7	6.4	7.0	---	---	---	6.3	5.7	6.0
2	7.3	6.9	7.1	7.9	6.7	7.2	---	---	---	6.5	6.3	6.4
3	7.5	6.5	7.0	7.3	6.6	6.8	---	---	---	6.4	6.2	6.3
4	7.3	7.0	7.1	6.9	6.4	6.6	---	---	---	6.3	6.1	6.2
5	7.5	6.9	7.1	7.8	6.8	7.2	---	---	---	6.5	6.2	6.3
6	7.6	6.8	7.1	8.3	6.9	7.6	---	---	---	6.5	6.3	6.4
7	8.2	6.8	7.4	8.9	7.1	7.9	---	---	---	6.8	6.4	6.6
8	7.6	6.8	7.2	8.7	6.9	7.8	---	---	---	6.9	6.7	6.8
9	7.7	6.4	7.0	8.5	6.3	7.5	---	---	---	7.4	6.9	7.2
10	7.1	6.8	6.9	6.3	6.1	6.2	---	---	---	7.5	6.9	7.2
11	7.2	6.5	6.8	7.4	6.2	6.7	5.8	5.1	5.5	7.1	7.0	7.0
12	7.0	6.4	6.7	7.4	6.4	6.8	5.6	5.1	5.3	7.0	6.8	6.9
13	7.6	6.8	7.2	7.3	6.6	6.9	6.0	5.4	5.7	6.7	6.6	6.6
14	7.9	7.1	7.4	8.1	6.1	6.9	5.8	5.4	5.6	6.7	6.5	6.6
15	7.6	7.0	7.3	8.7	6.3	7.4	5.9	5.6	5.7	6.9	6.6	6.7
16	7.4	6.7	7.1	---	---	---	6.3	5.6	6.0	7.2	6.8	7.0
17	7.1	6.4	6.7	---	---	---	7.0	6.1	6.5	7.4	7.1	7.3
18	7.6	6.5	6.9	---	---	---	7.4	6.1	6.7	7.4	7.3	7.3
19	7.2	6.3	6.8	---	---	---	7.3	6.0	6.6	7.6	7.3	7.4
20	8.7	6.5	7.4	---	---	---	7.1	6.0	6.5	7.5	7.4	7.5
21	9.4	6.8	8.0	---	---	---	6.6	6.1	6.3	7.5	7.3	7.4
22	8.4	6.6	7.4	---	---	---	6.7	6.1	6.4	7.8	7.4	7.6
23	7.2	6.4	6.8	---	---	---	7.0	6.4	6.6	7.8	7.6	7.7
24	7.0	6.4	6.7	---	---	---	7.0	6.5	6.7	7.7	7.4	7.6
25	7.0	6.4	6.7	---	---	---	7.1	6.5	6.8	7.7	7.3	7.5
26	7.2	6.5	6.8	---	---	---	7.0	6.2	6.6	7.6	7.3	7.4
27	7.1	6.0	6.5	---	---	---	6.9	6.3	6.6	7.7	7.5	7.6
28	7.9	6.4	7.1	---	---	---	7.1	6.3	6.7	7.6	7.4	7.5
29	9.0	6.7	7.7	---	---	---	7.0	6.8	6.9	7.7	7.4	7.5
30	8.0	6.7	7.1	---	---	---	6.8	6.1	6.4	7.7	7.5	7.6
31	---	---	---	---	---	---	6.0	5.6	5.8	---	---	---
MONTH	9.4	6.0	7.1	8.9	6.1	7.1	7.4	5.1	6.3	7.8	5.7	7.0
YEAR	9.4	5.1	7.0									

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	115	95	109	120	98	108	110	107	109
2	---	---	---	91	81	85	111	103	108	108	106	107
3	---	---	---	92	84	90	108	87	98	109	106	108
4	---	---	---	95	91	93	97	90	93	110	108	109
5	---	---	---	95	90	92	99	96	97	109	102	106
6	93	76	84	97	92	95	99	85	94	103	94	98
7	108	92	100	103	96	99	96	85	91	104	101	102
8	114	100	106	101	96	98	95	83	90	103	101	102
9	117	102	111	105	99	102	95	89	93	102	96	99
10	112	106	110	110	104	107	105	95	101	103	98	101
11	108	89	99	113	109	111	107	103	105	105	101	103
12	95	85	89	113	108	109	108	101	105	104	100	102
13	92	84	86	116	112	114	105	84	94	101	97	99
14	93	84	88	118	113	116	86	82	84	105	99	102
15	87	82	84	119	111	115	90	83	86	104	100	101
16	90	82	86	116	112	115	98	85	93	104	100	102
17	---	---	---	117	107	111	108	84	99	105	101	103
18	---	---	---	112	104	107	84	79	82	108	101	104
19	---	---	---	109	105	107	86	80	83	104	102	103
20	109	97	104	107	103	105	86	80	84	104	102	103
21	112	103	107	109	103	107	98	81	90	104	101	103
22	109	97	102	116	108	112	104	98	102	105	101	103
23	110	88	100	116	110	113	109	102	106	103	101	102
24	114	87	100	115	104	109	108	107	108	103	101	102
25	113	96	105	107	100	105	109	107	108	102	100	101
26	112	90	103	104	98	102	109	107	108	103	100	101
27	103	90	94	102	96	100	108	105	107	102	101	102
28	100	91	95	103	100	102	105	102	103	102	100	101
29	109	98	103	106	103	104	107	103	105	103	101	102
30	118	110	115	112	101	108	109	106	108	103	100	101
31	119	105	112	---	---	---	111	108	110	102	100	101
MONTH	119	76	99	119	81	105	120	79	98	110	94	103
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	104	101	103	96	84	86	---	---	---	90	88	89
2	106	104	105	98	68	82	---	---	---	91	81	88
3	107	105	106	72	63	67	---	---	---	80	72	76
4	108	106	107	76	66	71	---	---	---	90	78	85
5	108	105	107	83	71	77	---	---	---	78	75	76
6	108	104	106	79	62	71	---	---	---	77	75	76
7	106	102	104	73	66	69	---	---	---	81	76	79
8	104	100	102	81	71	76	---	---	---	85	79	82
9	104	102	103	80	75	78	---	---	---	85	80	82
10	107	102	105	75	71	73	---	---	---	80	77	79
11	110	106	107	73	71	72	82	78	80	82	77	80
12	108	103	106	75	73	74	81	76	79	81	73	77
13	108	106	107	77	73	76	81	76	78	78	73	75
14	108	106	107	82	77	80	80	78	79	79	76	77
15	106	105	106	83	80	81	83	78	81	81	76	79
16	106	103	105	86	82	83	84	67	80	86	79	82
17	103	101	102	87	84	85	69	58	63	86	80	83
18	111	101	105	88	86	87	62	58	60	85	81	83
19	99	90	93	89	86	88	64	59	61	91	82	84
20	101	96	99	89	87	88	74	64	70	123	92	104
21	102	96	100	95	89	92	79	71	75	123	86	105
22	104	100	101	93	85	88	83	77	80	116	87	104
23	107	87	97	94	84	89	84	80	83	91	82	87
24	98	75	84	89	74	84	83	81	82	87	81	83
25	89	80	84	71	59	67	88	84	85	88	82	84
26	86	80	83	60	56	58	89	77	82	93	84	89
27	87	82	84	58	57	58	85	77	80	88	83	85
28	89	84	87	62	56	59	89	80	83	---	---	---
29	---	---	---	69	60	65	87	81	83	---	---	---
30	---	---	---	73	64	68	89	86	87	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	111	75	100	98	56	76	89	58	78	123	72	84

SANTÉE RIVER BASIN

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	24.0	24.5	15.5	14.5	15.0	13.0	11.5	12.5	11.5	11.0	11.5
2	25.5	24.0	24.5	15.5	14.5	15.0	12.5	12.0	12.0	12.0	11.5	11.5
3	25.0	24.0	25.0	15.5	14.5	15.0	13.0	11.0	12.0	11.5	11.0	11.5
4	24.0	23.0	23.5	15.0	14.5	15.0	12.0	11.5	11.5	11.0	10.0	10.5
5	22.5	21.0	22.0	16.0	15.5	15.5	11.5	11.0	11.0	10.0	9.0	9.5
6	21.0	18.5	20.0	16.0	16.0	16.0	11.5	10.0	10.5	10.0	8.5	9.5
7	19.5	18.5	19.0	15.5	15.0	15.5	12.0	10.5	11.0	10.5	9.5	10.0
8	18.5	17.5	18.0	15.5	14.5	15.0	12.5	10.5	11.5	12.0	10.5	11.0
9	18.5	17.5	18.0	16.0	15.0	15.5	12.0	11.5	11.5	12.0	11.5	12.0
10	18.0	17.0	17.5	17.0	16.0	16.5	11.5	10.5	11.0	11.5	11.0	11.5
11	18.0	17.0	17.5	17.5	17.0	17.5	10.5	10.0	10.5	10.5	10.5	10.5
12	18.0	17.0	17.5	17.5	16.0	16.5	10.0	8.5	9.0	10.5	10.5	10.5
13	17.5	16.5	16.5	16.0	15.5	15.5	11.5	8.0	10.0	11.0	10.5	11.0
14	17.0	15.5	16.0	15.5	15.0	15.5	11.5	10.5	11.0	11.0	10.0	10.5
15	16.0	15.5	16.0	15.5	15.0	15.0	11.5	10.5	11.0	10.0	9.5	9.5
16	16.5	15.5	16.0	16.0	15.5	15.5	11.5	9.5	10.0	9.5	9.0	9.5
17	17.0	15.5	16.5	17.0	16.0	16.5	11.0	9.0	9.5	9.5	9.0	9.0
18	18.5	17.0	17.5	17.0	16.0	16.5	11.0	10.0	10.5	9.0	8.5	9.0
19	18.5	17.5	18.0	16.0	15.5	15.5	10.5	9.5	10.0	9.5	8.0	8.5
20	18.5	18.0	18.0	16.5	15.5	16.0	11.0	9.5	10.5	10.0	9.5	10.0
21	18.0	17.5	17.5	16.5	16.0	16.5	11.0	10.0	10.0	10.0	9.5	10.0
22	17.5	16.5	17.0	16.0	14.5	15.5	11.0	10.0	10.5	9.5	8.5	9.0
23	16.5	16.0	16.0	14.5	13.5	14.0	11.5	11.0	11.5	9.0	8.5	9.0
24	17.0	16.0	16.5	14.0	13.5	13.5	13.0	11.5	12.5	9.5	8.5	9.0
25	17.0	16.0	16.5	13.5	13.0	13.5	13.5	13.0	13.5	9.5	9.0	9.5
26	17.0	16.0	16.5	13.5	13.0	13.5	13.5	12.0	13.0	10.5	9.5	10.0
27	17.0	16.5	17.0	15.5	13.5	14.5	12.0	11.5	11.5	12.0	10.5	11.5
28	17.5	16.5	17.0	16.0	15.0	15.5	13.0	11.5	12.5	12.0	11.5	12.0
29	17.5	17.5	17.5	15.0	13.0	14.0	13.0	11.5	12.5	12.0	11.0	11.5
30	17.5	17.5	17.5	13.0	12.5	13.0	11.5	11.0	11.0	12.5	12.0	12.5
31	17.5	15.5	16.5	---	---	---	11.0	11.0	11.0	12.5	12.0	12.5
MONTH	25.5	15.5	18.5	17.5	12.5	15.5	13.5	8.0	11.0	12.5	8.0	10.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.5	12.0	12.0	10.5	9.0	10.0	---	---	---	23.0	22.5	22.5
2	14.0	12.5	13.0	9.5	8.0	8.5	---	---	---	23.0	21.5	22.0
3	15.0	14.0	14.5	9.0	8.0	8.5	---	---	---	21.5	20.5	21.0
4	15.5	15.0	15.0	9.5	8.5	9.0	---	---	---	21.0	20.0	20.5
5	15.0	13.5	14.5	10.5	9.5	10.0	---	---	---	20.5	20.0	20.0
6	13.5	13.0	13.5	12.0	10.5	11.0	---	---	---	20.5	19.5	20.0
7	14.0	13.0	13.5	12.0	10.5	11.5	---	---	---	20.5	20.0	20.0
8	14.5	13.5	14.0	10.5	9.5	10.0	---	---	---	19.5	19.0	19.5
9	13.5	11.0	12.5	9.5	9.0	9.0	---	---	---	19.0	18.0	18.5
10	11.0	10.0	10.5	10.0	8.5	9.0	---	---	---	19.0	18.0	18.5
11	10.0	9.0	9.5	10.0	9.5	10.0	14.0	12.5	13.0	18.5	18.0	18.5
12	10.0	9.5	10.0	11.5	10.0	10.5	13.0	12.0	12.5	18.0	17.5	18.0
13	11.5	10.0	10.5	12.0	11.0	11.5	13.5	12.5	13.0	18.0	17.5	18.0
14	13.0	11.5	12.0	12.0	11.0	11.5	14.5	13.5	14.0	19.0	17.5	18.5
15	15.5	13.0	14.5	13.0	11.5	12.5	15.5	14.5	15.0	20.5	19.0	19.5
16	17.0	15.5	16.5	15.5	13.5	14.0	15.5	15.0	15.5	21.5	17.5	20.0
17	16.5	14.0	15.5	16.5	15.0	15.5	16.5	15.0	15.5	20.5	17.5	19.0
18	13.5	11.5	12.5	17.5	16.5	17.0	17.0	16.0	16.5	21.0	18.0	19.5
19	11.0	10.0	10.0	17.5	17.5	17.5	18.5	17.0	18.0	20.5	17.0	19.0
20	10.0	9.5	9.5	17.5	16.5	17.0	18.5	18.5	18.5	20.5	17.0	18.0
21	10.0	9.5	10.0	16.5	14.5	15.5	18.5	18.0	18.0	23.5	20.5	21.5
22	11.5	10.5	11.0	14.0	13.0	13.0	19.0	18.0	18.5	24.5	23.5	23.5
23	11.0	9.0	10.5	13.0	10.5	11.5	19.5	18.5	19.0	25.0	17.5	22.5
24	9.0	8.0	8.5	11.0	10.0	10.5	20.5	19.0	19.5	22.5	17.0	19.0
25	8.5	8.0	8.5	10.5	10.0	10.0	21.5	20.0	20.5	23.5	17.5	20.0
26	8.5	8.0	8.5	12.0	10.5	11.0	20.5	15.0	17.5	24.5	18.0	22.5
27	10.0	8.5	9.5	13.5	12.0	12.5	20.5	15.5	17.0	22.5	17.5	20.0
28	10.5	9.5	10.0	14.5	13.0	14.0	21.0	16.0	17.5	25.0	21.5	23.5
29	---	---	---	15.0	14.5	15.0	22.0	16.0	18.5	25.0	24.0	24.5
30	---	---	---	17.0	15.0	16.0	22.5	20.5	21.5	25.5	24.5	25.0
31	---	---	---	---	---	---	---	---	---	25.5	18.0	23.5
MONTH	17.0	8.0	12.0	17.5	8.0	12.0	22.5	12.0	17.0	25.5	17.0	20.5

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	110	85	94	94	92	93	88	78	85	86	82	84
2	90	78	87	97	92	95	82	78	80	87	82	85
3	76	57	64	96	93	94	86	80	83	84	81	82
4	79	53	58	95	94	94	88	84	86	85	81	83
5	56	50	54	96	93	94	83	79	80	86	79	82
6	55	53	54	96	95	96	83	79	81	80	73	76
7	67	55	61	96	94	95	86	83	84	78	72	75
8	89	62	70	98	94	96	88	84	86	81	75	78
9	---	---	---	98	96	97	89	85	86	82	72	77
10	79	73	75	98	95	97	88	82	85	78	74	76
11	83	80	81	99	96	98	86	81	83	75	70	72
12	86	81	83	100	96	98	81	75	78	71	68	70
13	88	85	86	---	---	---	79	74	76	72	70	72
14	89	86	88	---	---	---	77	73	74	75	72	73
15	89	88	89	99	96	98	74	69	72	77	73	75
16	90	87	89	97	80	94	69	66	67	83	75	78
17	92	89	91	82	78	80	68	61	65	82	80	81
18	---	---	---	88	81	84	70	61	66	83	81	82
19	---	---	---	94	86	89	72	66	70	85	82	83
20	---	---	---	96	90	94	77	71	75	86	81	84
21	---	---	---	93	88	91	81	75	77	86	83	84
22	---	---	---	91	88	89	85	78	81	88	85	86
23	---	---	---	91	84	89	86	78	81	90	87	89
24	---	---	---	88	80	86	78	73	77	89	85	87
25	97	86	93	90	87	88	79	75	77	88	79	83
26	91	84	87	91	88	90	82	79	80	81	78	79
27	92	80	88	93	91	92	85	82	83	81	78	79
28	92	85	89	92	90	91	87	85	86	83	78	81
29	90	89	89	91	88	89	88	85	87	79	74	76
30	94	89	92	89	86	87	88	85	86	75	72	73
31	94	91	93	---	---	---	87	85	87	77	72	75
MONTH	110	50	81	100	78	92	89	61	79	90	68	79
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	78	76	78	---	---	---	80	76	78	---	---	---
2	81	78	80	---	---	---	81	79	80	---	---	---
3	80	78	79	---	---	---	82	78	80	---	---	---
4	83	79	81	---	---	---	80	77	78	---	---	---
5	85	82	83	---	---	---	79	76	77	---	---	---
6	88	83	85	---	---	---	78	76	77	---	---	---
7	87	85	86	---	---	---	78	76	77	---	---	---
8	88	86	87	---	---	---	79	77	78	---	---	---
9	88	76	81	---	---	---	81	78	80	---	---	---
10	81	76	78	---	---	---	83	78	81	---	---	---
11	83	77	80	---	---	---	85	80	82	---	---	---
12	80	68	76	---	---	---	89	81	84	---	---	---
13	69	67	68	---	---	---	85	78	81	---	---	---
14	68	64	66	---	---	---	83	78	80	---	---	---
15	68	66	66	---	---	---	87	81	84	---	---	---
16	69	65	67	---	---	---	89	80	84	---	---	---
17	75	70	72	---	---	---	90	83	85	---	---	---
18	75	70	74	---	---	---	94	81	86	---	---	---
19	69	64	66	---	---	---	96	81	87	---	---	---
20	67	65	66	---	---	---	100	81	89	---	---	---
21	66	63	64	---	---	---	99	83	91	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	94	93	93	---	---	---	---	---	---
24	---	---	---	94	93	93	---	---	---	---	---	---
25	---	---	---	96	94	95	---	---	---	---	---	---
26	---	---	---	97	93	95	---	---	---	---	---	---
27	---	---	---	97	84	89	---	---	---	---	---	---
28	---	---	---	84	78	82	---	---	---	---	---	---
29	---	---	---	79	77	78	---	---	---	---	---	---
30	---	---	---	80	77	78	---	---	---	---	---	---
31	---	---	---	79	77	78	---	---	---	---	---	---
MONTH	88	63	75	97	77	87	100	76	82	---	---	---

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.9	6.8	5.7	5.4	6.8	6.6	7.0	6.9	6.9	6.8	---	---
2	7.0	6.8	5.7	5.4	6.7	6.6	7.1	7.0	7.0	6.9	---	---
3	6.8	6.4	5.4	5.3	6.9	6.7	7.1	6.9	7.0	6.9	---	---
4	6.5	6.3	5.4	5.3	7.0	6.8	7.0	6.9	6.9	6.8	---	---
5	6.5	6.4	5.8	5.3	7.0	6.9	7.0	7.0	6.8	6.7	---	---
6	6.6	6.5	5.7	5.3	7.0	6.7	7.0	6.9	6.8	6.7	---	---
7	6.7	6.6	5.5	5.3	6.7	6.6	7.0	6.9	6.8	6.7	---	---
8	6.8	6.7	5.5	5.3	6.8	6.7	7.0	6.9	6.9	6.7	---	---
9	6.7	6.7	5.4	5.3	6.8	6.5	7.1	7.0	6.8	6.6	---	---
10	6.8	6.7	5.7	5.3	6.7	6.5	7.1	7.0	6.9	6.8	---	---
11	6.8	6.7	6.0	5.5	6.7	6.6	7.1	7.0	6.8	6.6	---	---
12	6.9	6.7	6.1	5.8	6.6	6.4	7.0	6.8	6.8	6.7	---	---
13	6.9	6.7	6.6	6.0	6.5	6.3	6.9	6.8	6.7	6.5	---	---
14	6.9	6.7	6.7	6.3	6.6	6.4	7.0	6.9	6.6	6.6	---	---
15	6.9	6.8	6.5	6.3	6.4	6.3	7.1	6.9	6.8	6.5	---	---
16	6.9	6.7	6.6	6.4	6.4	6.2	7.2	7.0	6.9	6.7	---	---
17	7.0	6.8	6.4	6.2	6.2	6.1	7.0	6.8	7.1	6.9	---	---
18	7.2	6.9	6.4	6.3	6.3	6.0	7.1	6.9	7.0	6.8	---	---
19	7.1	6.9	6.5	6.3	6.6	6.3	7.0	6.9	6.9	6.6	---	---
20	7.1	7.0	6.5	6.4	6.8	6.4	7.0	6.8	6.8	6.6	---	---
21	7.1	7.0	6.7	6.5	6.8	6.6	7.0	6.9	6.7	6.7	---	---
22	7.1	6.9	6.7	6.6	6.7	6.5	7.0	6.9	---	---	---	---
23	7.0	6.9	6.8	6.7	6.9	6.6	7.0	6.8	---	---	6.8	6.7
24	6.9	6.6	6.8	6.7	6.8	6.6	7.0	6.9	---	---	6.8	6.7
25	6.7	6.6	6.8	6.7	6.7	6.5	7.0	6.9	---	---	6.9	6.7
26	6.7	6.6	6.8	6.7	6.6	6.5	7.2	7.0	---	---	6.8	6.7
27	6.6	6.4	6.8	6.7	6.6	6.5	7.1	6.9	---	---	6.8	6.6
28	6.5	6.4	6.8	6.7	6.8	6.6	7.0	6.8	---	---	6.8	6.7
29	6.4	6.2	6.9	6.7	6.8	6.7	7.0	6.8	---	---	6.8	6.7
30	6.2	5.8	6.9	6.8	6.9	6.7	7.1	6.8	---	---	6.9	6.7
31	5.8	5.5	---	---	6.9	6.9	7.0	6.9	---	---	6.9	6.8
MONTH	7.2	5.5	6.9	5.3	7.0	6.0	7.2	6.8	7.1	6.5	6.9	6.6
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.8	7.0	6.8	7.1	6.7	---	---	---	---	---	---
2	6.9	6.8	6.9	6.8	6.7	6.5	---	---	---	---	---	---
3	6.9	6.7	7.0	6.8	6.5	6.4	---	---	---	---	---	---
4	6.9	6.8	7.1	7.0	6.5	6.4	---	---	---	---	---	---
5	6.9	6.8	7.0	6.8	6.5	6.4	---	---	---	---	---	---
6	6.9	6.8	6.8	6.7	6.6	6.4	---	---	---	---	---	---
7	7.0	6.9	6.7	6.6	6.5	6.3	---	---	---	---	7.0	6.8
8	7.0	6.8	6.9	6.7	6.7	6.5	---	---	---	---	7.0	6.7
9	7.0	6.9	6.8	6.7	6.7	6.4	---	---	---	---	6.9	6.5
10	7.1	6.9	6.7	6.4	6.7	6.6	---	---	---	---	6.7	6.4
11	7.2	7.0	6.5	6.4	6.8	6.6	---	---	---	---	6.7	6.3
12	7.1	7.0	6.7	6.5	6.8	6.7	---	---	---	---	7.0	6.8
13	7.1	6.9	6.8	6.7	6.8	6.7	---	---	---	---	6.9	6.7
14	6.9	6.8	6.9	6.7	6.9	6.7	---	---	---	---	6.9	6.7
15	7.0	6.8	7.0	6.8	6.9	6.8	---	---	---	---	6.9	6.8
16	7.0	6.8	7.2	6.9	6.8	6.8	---	---	---	---	7.0	6.8
17	7.1	6.9	7.1	7.0	6.9	6.7	---	---	---	---	6.9	6.7
18	7.0	6.9	7.1	6.8	6.9	6.8	---	---	---	---	7.0	6.8
19	7.1	6.8	6.8	6.7	7.0	6.9	7.0	7.0	---	---	7.1	6.9
20	7.0	6.8	6.7	6.6	7.0	6.9	7.1	7.0	---	---	7.1	6.9
21	6.9	6.8	6.7	6.6	7.0	6.7	7.0	6.9	7.0	6.9	7.2	7.0
22	6.9	6.8	6.9	6.7	6.8	6.5	7.3	6.9	7.1	6.9	7.3	7.0
23	7.0	6.9	7.0	6.8	6.5	6.3	---	---	7.1	7.0	7.2	6.9
24	7.1	6.9	7.0	6.7	6.9	6.5	---	---	7.0	6.9	7.1	6.9
25	7.2	7.0	6.6	6.3	6.9	6.7	---	---	7.0	6.8	7.0	6.8
26	7.2	7.2	6.5	6.4	7.1	6.8	---	---	7.0	6.8	7.0	6.8
27	7.2	6.9	6.6	6.3	7.1	6.9	---	---	7.0	6.8	7.2	7.1
28	7.0	6.9	6.6	6.3	7.1	7.0	---	---	7.1	6.8	7.2	7.0
29	7.0	6.9	6.5	6.2	7.1	6.7	---	---	7.1	6.8	7.4	6.9
30	6.9	6.8	6.7	6.3	6.9	6.6	---	---	---	---	7.3	6.8
31	---	---	7.0	6.6	---	---	---	---	---	---	---	---
MONTH	7.2	6.7	7.2	6.2	7.1	6.3	7.3	6.9	7.1	6.8	7.4	6.3
YEAR	7.4	5.3										

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.5	20.5	21.0	19.0	18.5	19.0	12.5	11.5	12.0	8.0	7.0	7.5
2	22.5	21.0	21.5	18.5	17.5	18.0	12.5	11.5	12.0	8.0	7.5	8.0
3	21.0	20.5	20.5	18.0	17.0	17.5	12.0	10.5	11.0	7.5	7.0	7.0
4	20.5	20.0	20.5	17.0	16.5	17.0	11.0	10.0	10.5	8.0	7.0	7.5
5	20.5	19.5	20.0	16.5	16.0	16.5	12.5	11.0	11.5	8.5	8.5	8.5
6	20.5	19.5	20.0	16.5	16.0	16.0	11.5	10.5	11.0	8.5	8.5	8.5
7	21.0	20.5	20.5	17.5	16.5	17.0	12.0	10.5	11.0	9.0	8.5	8.5
8	21.0	20.5	21.0	17.5	17.5	17.5	12.0	11.0	11.5	9.0	8.5	9.0
9	21.0	20.0	20.5	18.0	17.5	17.5	10.5	8.5	10.0	9.0	8.5	8.5
10	20.0	18.5	19.0	17.5	17.0	17.5	8.5	7.5	8.0	9.0	8.5	8.5
11	19.0	18.5	19.0	17.0	16.5	16.5	9.0	8.0	8.5	8.5	8.0	8.5
12	19.5	18.5	19.0	17.0	16.5	16.5	9.0	7.0	8.0	8.5	8.5	8.5
13	20.0	19.0	19.5	17.0	16.5	17.0	8.5	7.5	8.0	8.5	7.5	8.0
14	20.0	18.5	19.0	17.0	16.5	17.0	9.0	7.5	8.5	7.5	7.0	7.5
15	19.5	18.5	19.0	17.0	16.5	17.0	8.0	7.0	7.5	7.5	7.0	7.0
16	19.5	18.5	19.0	17.5	16.5	17.0	7.5	6.0	7.0	8.5	7.5	8.0
17	21.5	19.5	21.0	17.0	16.0	16.5	6.0	5.0	5.5	9.0	8.0	8.5
18	22.0	20.0	21.5	16.0	14.5	15.5	5.5	5.0	5.0	9.5	8.5	9.0
19	20.5	19.5	20.0	14.5	14.0	14.5	7.5	4.5	6.0	10.0	9.5	9.5
20	19.5	18.0	19.0	13.5	12.5	13.0	8.0	5.5	7.0	10.0	9.5	10.0
21	18.0	16.5	17.0	13.5	12.5	13.0	8.0	6.5	7.5	11.0	10.0	10.5
22	16.0	15.5	16.0	13.5	12.5	13.0	7.5	6.5	7.0	11.0	10.5	11.0
23	16.5	15.5	16.0	12.5	11.5	12.0	7.5	6.5	7.0	11.0	10.0	10.5
24	16.5	15.5	16.0	11.5	10.5	11.0	7.5	7.0	7.0	10.0	9.5	10.0
25	18.0	16.5	17.0	11.0	10.5	11.0	6.5	5.5	6.0	10.5	9.5	10.0
26	18.0	17.0	17.5	11.0	10.5	11.0	5.5	4.5	5.0	10.5	10.0	10.5
27	17.5	16.5	17.0	12.0	11.0	11.5	5.0	4.0	4.5	10.0	9.0	9.5
28	17.5	17.0	17.0	12.0	11.5	12.0	5.0	3.5	4.0	9.0	8.5	9.0
29	17.5	16.5	17.0	13.0	12.0	12.5	5.5	4.0	4.5	10.0	9.0	9.5
30	18.0	17.5	18.0	13.0	12.0	12.5	7.0	5.0	6.0	10.0	9.5	9.5
31	19.0	18.0	18.5	---	---	---	7.0	7.0	7.0	10.0	9.0	9.5
MONTH	22.5	15.5	19.0	19.0	10.5	15.0	12.5	3.5	8.0	11.0	7.0	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	9.5	9.5	---	---	---	14.5	13.0	14.0	21.0	19.5	20.5
2	10.5	9.5	10.0	---	---	---	15.5	14.5	15.0	23.0	20.5	22.0
3	11.5	10.5	11.0	---	---	---	15.5	14.0	15.0	23.0	22.5	23.0
4	12.5	11.5	12.0	---	---	---	15.0	14.0	14.5	23.5	22.0	23.0
5	12.0	11.5	12.0	---	---	---	15.0	14.0	14.5	23.5	21.5	22.5
6	11.5	11.0	11.5	---	---	---	16.0	15.0	15.5	21.5	20.5	21.0
7	12.0	11.0	11.5	---	---	---	17.0	16.0	16.5	20.5	20.0	20.5
8	12.5	11.5	12.0	---	---	---	16.5	15.5	16.0	21.0	19.5	20.5
9	12.5	12.0	12.5	---	---	---	16.0	14.5	15.5	21.5	20.5	21.0
10	12.5	12.0	12.5	---	---	---	15.5	15.0	15.0	22.0	20.5	21.5
11	12.0	11.5	12.0	---	---	---	16.5	15.0	16.0	21.5	21.0	21.5
12	12.0	11.0	11.5	---	---	---	16.0	15.0	15.5	22.0	21.0	21.5
13	12.0	11.0	11.5	---	---	---	15.0	14.5	15.0	22.0	21.0	21.5
14	12.0	11.0	11.5	---	---	---	15.5	14.5	15.0	23.0	21.5	22.0
15	13.0	11.5	12.5	---	---	---	16.5	15.0	16.0	24.0	22.5	23.0
16	14.0	13.0	13.5	---	---	---	17.5	15.5	16.5	24.0	22.5	23.5
17	14.0	12.5	13.5	---	---	---	18.0	16.5	17.0	24.0	23.0	23.5
18	13.0	12.5	12.5	---	---	---	17.5	16.0	17.0	24.0	22.5	23.5
19	12.5	12.0	12.0	---	---	---	17.5	15.5	16.5	23.0	22.0	22.5
20	12.0	11.5	12.0	---	---	---	17.0	16.0	16.0	23.5	22.5	23.0
21	11.5	10.5	11.0	---	---	---	18.0	16.0	17.0	24.5	23.5	24.0
22	---	---	---	---	---	---	19.5	18.0	18.5	24.5	24.0	24.5
23	---	---	---	14.5	13.5	14.0	20.5	19.0	19.5	24.0	23.0	23.5
24	---	---	---	15.5	14.5	15.0	21.0	19.5	20.0	23.5	22.0	22.5
25	---	---	---	15.5	15.0	15.0	21.5	20.0	21.0	23.5	22.0	23.0
26	---	---	---	15.5	15.0	15.5	22.0	21.0	21.5	24.0	23.0	23.5
27	---	---	---	15.5	14.5	15.0	22.5	21.0	22.0	25.0	24.0	24.5
28	---	---	---	15.0	14.5	14.5	22.5	21.5	22.0	25.0	24.0	24.5
29	---	---	---	14.5	14.0	14.5	21.0	19.5	20.5	24.0	23.5	24.0
30	---	---	---	14.0	13.0	14.0	20.0	19.5	20.0	24.0	23.5	23.5
31	---	---	---	13.5	12.5	13.0	---	---	---	23.5	23.0	23.5
MONTH	14.0	9.5	12.0	15.5	12.5	14.5	22.5	13.0	17.0	25.0	19.5	22.5

Santee River Basin

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.4	6.1	6.2	---	---	---	---	---	---	11.2	11.0	11.1
2	6.9	6.1	6.5	---	---	---	---	---	---	11.1	10.9	11.0
3	6.8	5.4	6.0	---	---	---	---	---	---	11.3	10.7	11.0
4	5.5	2.2	4.4	---	---	---	---	---	---	11.0	10.5	10.8
5	4.7	2.4	3.7	---	---	---	9.4	9.0	9.2	10.5	10.2	10.4
6	4.9	4.6	4.7	---	---	---	9.3	9.1	9.2	10.4	10.2	10.3
7	4.9	4.2	4.6	---	---	---	9.1	8.5	8.7	10.4	10.1	10.3
8	4.2	3.6	3.9	---	---	---	9.2	8.5	9.0	10.3	9.9	10.1
9	3.6	3.0	3.3	---	---	---	9.6	9.1	9.3	10.4	10.3	10.3
10	5.3	3.6	4.6	---	---	---	9.9	9.6	9.8	10.6	10.5	10.5
11	6.1	5.3	5.8	---	---	---	10.1	9.8	10.0	10.7	10.3	10.5
12	6.4	6.1	6.3	---	---	---	10.4	9.8	10.1	10.4	10.1	10.2
13	6.4	6.3	6.4	---	---	---	10.1	9.6	9.9	10.4	9.9	10.1
14	6.5	6.1	6.4	---	---	---	9.9	9.6	9.7	11.2	10.4	10.7
15	6.0	5.2	5.6	---	---	---	9.9	9.4	9.7	11.3	11.1	11.2
16	6.1	5.3	5.7	---	---	---	9.8	9.2	9.5	11.3	11.0	11.2
17	6.2	6.0	6.1	---	---	---	10.1	9.6	9.9	10.9	10.7	10.8
18	7.0	6.1	6.5	---	---	---	10.3	9.7	10.0	11.0	10.8	10.9
19	6.8	6.2	6.4	---	---	---	10.9	10.1	10.4	10.9	10.7	10.8
20	7.4	6.5	6.9	---	---	---	10.9	10.1	10.4	10.8	10.6	10.7
21	7.8	7.4	7.6	---	---	---	10.6	10.2	10.4	10.8	10.5	10.6
22	8.3	7.7	7.9	---	---	---	10.6	10.3	10.4	10.5	10.3	10.4
23	8.4	8.1	8.3	---	---	---	10.8	10.4	10.5	10.9	10.3	10.6
24	8.2	7.2	8.0	---	---	---	10.6	10.4	10.5	11.2	10.8	11.0
25	---	---	---	---	---	---	10.8	10.5	10.7	11.1	10.8	11.0
26	---	---	---	---	---	---	11.0	10.8	10.9	10.8	10.6	10.7
27	---	---	---	---	---	---	11.2	10.8	11.0	11.3	10.6	11.0
28	---	---	---	---	---	---	11.6	11.2	11.4	11.4	11.0	11.2
29	---	---	---	---	---	---	11.5	11.3	11.4	11.2	10.9	11.1
30	---	---	---	---	---	---	11.3	11.1	11.2	10.8	10.4	10.6
31	---	---	---	---	---	---	11.2	10.9	11.0	10.8	10.6	10.7
MONTH	8.4	2.2	5.9	---	---	---	11.6	8.5	10.2	11.4	9.9	10.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	10.6	10.8	---	---	---	10.2	9.4	9.7	9.1	8.6	8.8
2	11.4	11.0	11.2	---	---	---	10.0	9.4	9.7	8.9	8.5	8.7
3	11.2	10.9	11.0	---	---	---	9.9	9.6	9.8	8.5	8.1	8.2
4	10.9	10.7	10.8	---	---	---	9.9	9.6	9.7	8.6	8.0	8.3
5	10.6	10.4	10.5	---	---	---	9.6	9.2	9.4	8.5	8.1	8.3
6	10.7	10.4	10.5	---	---	---	9.3	9.0	9.2	8.4	7.9	8.1
7	10.9	10.5	10.7	---	---	---	9.0	8.8	8.9	8.5	7.8	8.1
8	10.9	10.6	10.7	---	---	---	9.4	8.8	9.0	8.6	8.5	8.5
9	10.7	10.6	10.6	---	---	---	9.6	9.3	9.5	8.5	8.3	8.5
10	10.7	10.4	10.5	---	---	---	9.9	9.5	9.7	8.5	8.2	8.4
11	10.9	10.5	10.7	---	---	---	9.4	9.2	9.3	8.5	8.4	8.4
12	10.9	10.4	10.7	---	---	---	9.7	9.1	9.4	8.7	8.4	8.5
13	10.4	10.0	10.3	---	---	---	9.9	9.5	9.8	8.7	8.5	8.6
14	10.1	9.3	9.7	---	---	---	9.7	9.4	9.6	8.6	8.4	8.5
15	9.6	9.1	9.3	---	---	---	9.5	9.3	9.4	8.5	8.3	8.4
16	9.5	9.0	9.3	---	---	---	9.4	9.3	9.4	8.5	8.2	8.3
17	10.5	9.4	9.9	---	---	---	9.6	9.2	9.4	8.5	8.3	8.4
18	10.4	9.9	10.1	---	---	---	9.7	9.4	9.5	8.4	8.1	8.3
19	9.8	8.8	9.5	---	---	---	9.6	9.3	9.4	8.5	8.2	8.3
20	9.5	8.6	9.3	---	---	---	10.0	9.6	9.8	8.3	8.0	8.2
21	10.0	9.5	9.8	---	---	---	9.9	9.3	9.6	8.1	7.8	7.9
22	---	---	---	---	---	---	9.2	8.7	8.9	7.9	7.7	7.8
23	---	---	---	9.1	8.6	8.9	8.7	8.5	8.6	8.4	7.6	8.0
24	---	---	---	8.6	8.1	8.4	8.9	8.5	8.7	8.6	8.3	8.4
25	---	---	---	9.4	7.8	8.7	8.8	8.5	8.7	8.7	8.4	8.5
26	---	---	---	9.2	8.4	8.7	8.7	8.4	8.5	8.4	8.0	8.2
27	---	---	---	9.5	9.1	9.3	8.5	8.1	8.3	8.2	7.7	7.9
28	---	---	---	9.5	9.3	9.4	8.4	7.7	8.0	8.1	7.7	7.9
29	---	---	---	9.8	9.5	9.7	8.8	8.4	8.6	7.7	7.3	7.6
30	---	---	---	10.1	9.7	9.9	8.8	8.3	8.6	7.8	7.2	7.5
31	---	---	---	10.3	10.0	10.1	---	---	---	8.3	7.8	8.0
MONTH	11.4	8.6	10.3	10.3	7.8	9.2	10.2	7.7	9.2	9.1	7.2	8.2

SANTEE RIVER BASIN

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC

LOCATION.--Lat 33°43'52'', long 80°37'43'', Calhoun County, Hydrologic unit 03050110, 200 ft downstream from Trezesvants boat landing, 1.0 mi downstream from confluence of Wateree and Congaree Rivers, 3.9 mi east, southeast, of Fort Motte and at mile 123.3.

DRAINAGE AREA.--14,100 mi², approximately.

PERIOD OF RECORD.--April 1986 to current year.

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum 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, 87.02 ft, Oct. 6, 1989 (maximum observed gage height, 87.47 ft, Mar. 5, 1987, by South Carolina Public Service Authority personnel); minimum gage height, 73.71 ft, Dec. 31, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 87.02 ft, Oct. 6; minimum, 74.93 ft, July 10.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79.43	77.82	---	77.89	80.42	81.65	80.50	77.99	78.88	75.11	---	77.20
2	80.26	77.60	---	78.41	80.32	81.22	80.47	78.31	78.85	75.14	77.92	76.40
3	80.91	77.59	---	78.61	80.18	80.93	80.54	78.01	78.53	75.20	76.57	75.87
4	81.34	77.22	---	79.00	80.05	80.80	80.65	78.32	78.11	75.83	75.32	76.20
5	83.71	77.68	79.69	79.07	79.79	80.90	80.69	78.78	77.67	75.49	75.20	77.54
6	86.61	77.43	78.96	79.22	79.42	81.02	80.59	78.90	77.17	75.15	75.21	78.81
7	86.56	76.71	77.33	79.29	79.34	81.24	80.33	78.48	76.85	75.07	75.40	78.99
8	85.14	76.45	77.80	79.26	79.54	81.44	80.05	78.22	77.45	75.19	---	78.71
9	83.32	76.91	79.17	79.89	79.63	81.50	79.91	78.02	77.91	75.04	---	78.07
10	81.82	76.66	80.01	80.34	79.60	81.44	79.98	77.80	77.23	75.28	---	77.27
11	80.84	76.46	80.45	80.60	80.07	81.16	79.85	77.83	77.32	76.12	---	77.73
12	80.21	76.78	80.70	80.70	80.50	80.82	79.90	78.10	77.43	75.93	---	78.49
13	79.80	76.75	80.89	80.35	80.80	80.57	80.10	78.19	77.28	75.34	---	79.01
14	79.38	76.24	81.00	80.09	81.19	80.32	79.91	78.04	77.41	75.21	---	79.34
15	78.53	76.17	81.16	79.95	81.43	80.12	79.57	78.17	77.60	75.11	75.16	79.55
16	78.35	77.46	81.44	79.66	81.19	80.06	79.30	78.38	---	75.45	---	79.70
17	78.20	78.88	81.58	79.22	80.89	80.18	79.22	78.28	---	75.55	77.28	79.23
18	79.47	79.45	81.37	79.11	80.94	80.43	79.51	78.26	---	75.49	76.81	78.65
19	---	79.45	81.06	79.11	81.21	80.69	79.47	78.13	---	75.54	76.06	78.18
20	---	78.95	80.87	78.98	82.16	80.95	79.48	77.41	77.10	75.78	75.82	77.96
21	79.12	78.57	80.76	78.82	83.40	---	79.11	76.86	77.72	75.79	76.11	78.16
22	78.84	78.28	80.60	78.70	84.01	---	78.48	76.46	77.60	75.68	76.32	78.50
23	78.64	78.51	80.60	78.95	83.98	---	77.87	76.46	76.92	75.58	76.02	78.23
24	77.93	78.84	80.73	79.58	83.50	82.14	77.82	76.50	76.32	75.47	76.00	76.78
25	78.73	78.96	80.70	80.18	83.03	81.47	77.70	76.64	76.00	76.01	76.30	76.61
26	79.32	79.01	80.12	80.21	82.74	81.02	77.43	76.52	75.55	75.95	76.31	77.53
27	79.29	78.99	79.32	80.43	82.45	80.71	77.18	76.67	75.72	75.88	76.48	78.12
28	79.03	78.80	78.82	80.69	82.11	80.45	77.55	76.93	75.78	75.90	78.10	77.87
29	78.19	78.75	78.41	80.88	---	80.29	77.84	---	75.50	76.37	78.95	76.84
30	77.18	---	78.09	80.90	---	80.31	77.67	---	75.24	75.86	79.11	76.00
31	77.41	---	77.93	80.73	---	80.47	---	---	---	76.52	78.24	---
MEAN	80.26	77.84	79.98	79.64	81.21	80.87	79.29	77.74	77.12	75.58	76.58	77.92
MAX	86.61	79.45	81.58	80.90	84.01	82.14	80.69	78.90	78.88	76.52	79.11	79.70
MIN	77.18	76.17	77.33	77.89	79.34	80.06	77.18	76.46	75.24	75.04	75.16	75.87
CAL YR 1989	TOTAL 27285.66		MEAN 78.41	MAX 86.61	MIN 73.91							
WTR YR 1990	TOTAL 26677.23		MEAN 78.69	MAX 86.61	MIN 75.04							

02171000 LAKE MARION NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'00'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050111, at right upstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Santee Reservoir near Pineville.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is National Geodetic Vertical datum of 1929 (levels by Harza Engineering Co.).

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; Dam completed in 1941. Usable capacity, 45,000,000,000 ft³ between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximum normal lake elevation). Dead storage, about 17,070,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest 63.0 ft; top of spillway gates, 76.8 ft. Some water used for generation of power. Major portion of water is diverted from Lake Marion through canal to Lake Moultrie for generation of power and for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft, Feb. 28, 1964 (affected by high winds); minimum, 61.36 ft, Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 76.86 ft, Mar. 3 (affected by high winds); minimum, 72.79 ft, Jan. 7.

Capacity table (elevation, in feet), and
Usable contents, (in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

71.0 ft	24.87 ft ³
72.0 ft	28.21 ft ³
74.0 ft	34.90 ft ³
76.0 ft	42.00 ft ³
76.8 ft	45.00 ft ³

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.77	75.06	74.73	73.48	74.14	76.73	76.48	75.29	75.30	74.73	74.50	75.13
2	75.86	74.97	74.65	73.28	74.16	76.75	76.41	75.22	75.36	74.71	74.53	75.08
3	75.25	74.87	74.38	73.10	74.13	76.75	76.33	75.23	75.48	74.71	74.59	75.01
4	74.43	74.82	74.28	72.95	74.07	76.67	76.26	75.25	75.53	74.72	74.57	74.92
5	73.87	74.84	74.22	72.81	74.06	76.67	76.23	75.47	75.48	74.70	74.56	75.02
6	74.43	74.95	74.33	72.80	73.95	76.65	76.26	75.52	75.53	74.63	74.75	75.07
7	75.36	74.98	74.30	72.86	73.84	76.58	76.23	75.54	75.46	74.57	74.78	75.05
8	75.78	74.98	74.32	72.90	73.76	76.55	76.17	75.48	75.42	74.58	74.80	74.99
9	76.16	75.04	74.39	72.98	73.74	76.59	76.13	75.40	75.40	74.52	74.85	74.97
10	76.44	74.92	74.34	73.02	73.73	76.63	76.16	75.40	75.40	74.47	74.87	74.90
11	76.37	74.85	74.35	73.17	73.80	76.68	76.11	75.28	75.41	74.45	74.83	74.80
12	76.19	74.76	74.47	73.37	73.90	76.66	76.05	75.36	75.44	74.43	74.74	74.81
13	75.98	74.68	74.52	73.40	73.94	76.60	76.00	75.47	75.52	74.45	74.64	74.79
14	75.81	74.57	74.54	73.44	74.04	76.51	75.96	75.42	75.52	74.51	74.59	74.84
15	75.60	74.50	74.61	73.45	74.17	76.41	75.92	75.36	75.45	74.45	74.65	74.89
16	75.41	74.54	74.62	73.42	74.36	76.35	75.80	75.41	75.48	74.50	74.70	74.89
17	75.41	74.39	74.77	73.34	74.52	76.47	75.67	75.41	75.47	74.47	74.80	74.91
18	75.43	74.40	74.90	73.25	74.48	76.23	75.55	75.28	75.39	74.51	74.85	75.01
19	75.65	74.51	75.02	73.18	74.58	76.06	75.47	75.24	75.23	74.50	74.87	75.10
20	75.46	74.74	74.96	73.15	74.63	75.86	75.43	75.17	75.09	74.54	74.86	75.08
21	75.43	74.71	74.98	73.22	74.98	75.86	75.38	75.07	75.02	74.53	74.84	75.01
22	75.34	74.82	74.87	73.19	75.47	76.05	75.29	75.04	75.01	74.54	74.81	74.94
23	75.34	74.71	74.88	73.16	75.97	76.41	75.27	75.06	74.98	74.52	74.91	74.82
24	75.32	74.66	74.71	73.17	76.32	76.66	75.26	75.07	74.96	74.39	74.88	74.74
25	75.29	74.64	74.72	73.44	76.34	76.67	75.24	75.08	74.99	74.51	74.94	74.78
26	75.25	74.75	74.57	73.37	76.45	76.64	75.16	74.99	74.97	74.52	74.98	74.87
27	75.20	74.88	74.52	73.47	76.60	76.59	75.06	74.94	74.93	74.46	75.00	74.89
28	75.25	74.96	74.26	73.65	76.70	76.57	75.27	75.06	74.90	74.50	74.97	74.91
29	75.33	74.95	74.07	73.97	---	76.57	75.24	75.11	74.82	74.55	74.90	74.86
30	75.30	74.85	73.86	74.05	---	76.55	75.31	75.14	74.75	74.57	74.95	74.82
31	75.19	---	73.69	74.05	---	76.57	---	75.27	---	74.52	75.10	---
MAX	76.44	75.06	75.02	74.05	76.70	76.75	76.48	75.54	75.53	74.73	75.10	75.13
MIN	73.87	74.39	73.69	72.80	73.73	75.86	75.06	74.94	74.75	74.39	74.50	74.74
[+]	38.95	37.74	33.86	35.06	44.62	44.14	39.40	39.25	37.40	36.64	38.62	37.64
[*]	-452	-467	-1449	448	3952	-179	-1829	-56	-714	-284	739	-378

CAL YR 1989 * - 104 MAX 76.50 MIN 72.78
WTR YR 1990 * - 80 MAX 76.75 MIN 72.80

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

SANTEE RIVER BASIN

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°09'25", 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.--April 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.0 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream of temporary water-stage recorder operated by Corps of Engineers, at site 200 ft upstream, at different datum.

REMARKS.--Discharge records for 1987-90 water years computed by utilization of the One-Dimensional unsteady flow simulation model. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal (02170500) into Lake Moultrie (02172000) for generation of power and for navigation, then discharged into Cooper River Basin and lower Santee. Seepage from north dike of Lake Marion Dam bypasses station via Little River.

Water Year 1989.--Estimated daily discharges: Oct. 30 - 31, Nov. 9, 14, 28, Dec. 9 - 14, 16 - 19, 22 - 23, Jan. 6, 14 - 15, 24, Feb. 8, 16, 23, 24, Mar. 31, Apr. 1, May 4, 26 - 31, June 5, 12, 20 - 22, 24 - 29, July 6 - 13, 18 - 31, Aug. 1 - 6, 10 - 13, 17, 28 - 31, Sept. 1, 4, 9 - 11, 21 - 22, 24 - 25, 28. Records poor.

Water Year 1990.--Estimated daily discharges: Nov. 5, May 1, June 16. Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155,000 ft³/s, Sept. 23, 1945, gage height, 31.1 ft (from floodmarks), from rating curve extended above 13,000 ft³/s by computation of flow over spillway at Lake Marion; minimum daily, 9.0 ft³/s, Feb. 23, 1947 (caused by repair work at spillway).

EXTREMES FOR CURRENT YEAR.--WATER YEAR 1989: Maximum daily discharge, 2200 ft³/s, Apr. 6, 1989; minimum daily, 336 ft³/s, Mar. 6, 1989.

WATER YEAR 1990: Maximum daily discharge, 20,900 ft³/s, Oct. 8, 1989; minimum daily, 443 ft³/s, June 17, 1990.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	512	520	471	568	538	605	515	849	451	534	515	515
2	564	514	481	575	537	588	808	887	452	536	515	653
3	560	497	467	594	537	983	724	867	483	537	515	637
4	566	491	464	641	542	353	731	515	486	523	515	515
5	564	506	463	567	551	354	634	832	515	480	515	567
6	564	521	464	515	553	336	2200	904	494	515	515	622
7	565	509	469	554	548	428	2100	904	477	515	493	641
8	561	490	467	556	560	439	1040	971	478	515	612	639
9	558	480	515	564	572	418	734	726	509	515	676	515
10	545	479	515	561	539	395	647	485	500	515	515	515
11	535	478	515	560	542	529	713	527	486	515	515	515
12	541	481	515	565	541	367	641	483	515	515	515	564
13	543	479	515	564	543	383	603	481	489	515	515	613
14	534	481	515	515	545	389	585	578	492	698	590	614
15	515	482	554	515	545	503	648	772	496	694	659	607
16	505	481	515	561	554	804	658	828	509	762	650	601
17	506	480	515	571	564	770	633	820	514	815	515	515
18	515	483	515	571	576	860	619	951	481	515	681	515
19	543	485	515	562	576	949	636	870	472	515	717	586
20	557	483	561	554	564	840	647	531	515	515	716	594
21	507	476	584	566	566	949	788	944	515	515	682	515
22	547	455	515	524	561	997	795	605	515	515	648	515
23	495	481	515	555	515	859	766	938	511	515	645	558
24	497	484	516	550	515	628	519	879	515	515	664	515
25	517	485	565	546	844	491	633	529	515	515	678	515
26	507	472	575	542	704	461	797	515	515	515	623	405
27	507	464	618	542	868	562	789	515	515	515	514	385
28	502	515	606	544	742	495	792	515	515	515	515	515
29	503	522	544	544	---	510	793	515	515	515	515	376
30	515	476	464	555	---	585	828	515	501	515	515	382
31	515	---	575	515	---	515	---	515	---	515	515	---
TOTAL	16465	14650	16088	17216	16342	18345	24016	21766	14946	16909	17973	16224
MEAN	531	488	519	555	584	592	801	702	498	545	580	541
MAX	566	522	618	641	868	997	2200	971	515	815	717	653
MIN	495	455	463	515	515	336	515	481	451	480	493	376

CAL YR 1988 TOTAL 191424 MEAN 523 MAX 775 MIN 455
WTR YR 1989 TOTAL 210940 MEAN 578 MAX 2200 MIN 336

SANTEE RIVER BASIN

219

02171500 SANTEE RIVER NEAR PINEVILLE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	449	611	593	576	511	9680	6830	515	538	516	484	517
2	3740	623	564	582	507	6300	7350	571	540	448	487	510
3	19100	636	738	597	511	2830	6700	580	540	493	489	523
4	19500	617	596	594	545	1800	2080	560	575	491	489	531
5	19100	515	647	634	562	1130	1310	578	551	487	490	525
6	19200	562	576	677	500	948	960	581	548	481	481	521
7	20500	569	563	640	554	2210	980	539	541	479	517	518
8	20900	576	593	687	552	6800	758	575	552	479	522	535
9	13900	594	685	637	599	7270	703	570	556	491	520	526
10	5470	608	691	641	614	7700	628	813	559	500	497	530
11	2820	575	598	664	621	7530	1240	704	557	499	496	550
12	1600	580	564	661	604	7810	747	553	549	497	495	561
13	1920	589	590	598	577	7860	609	555	546	501	495	545
14	1150	601	602	574	572	7720	588	540	555	504	496	553
15	872	589	600	569	580	7670	583	557	516	502	517	539
16	776	598	593	563	594	7620	568	557	515	493	520	556
17	827	695	593	562	594	7780	582	519	443	479	561	556
18	768	618	613	583	609	12900	627	570	476	488	523	544
19	907	589	591	639	611	16000	582	543	535	476	498	540
20	1980	600	618	603	588	15500	587	540	536	480	498	533
21	1080	608	551	605	2400	13700	587	561	524	482	496	536
22	748	596	605	583	13800	13600	618	546	541	485	494	561
23	709	636	638	588	15600	12000	610	551	524	481	509	575
24	671	621	662	581	15700	9030	602	540	511	480	487	553
25	620	618	568	606	15700	8720	585	537	506	485	471	546
26	634	590	593	688	15900	5380	597	536	506	484	469	548
27	638	559	535	599	14000	1770	579	552	506	483	464	546
28	616	541	576	594	12800	1060	578	551	505	484	454	547
29	581	598	573	579	---	992	589	655	496	484	465	545
30	604	564	570	540	---	887	570	565	501	485	478	545
31	619	---	567	541	---	2500	---	536	---	484	520	---
TOTAL	162999	17876	18646	18785	117305	214697	40927	17650	15848	15101	15382	16215
MEAN	5258	596	601	606	4189	6926	1364	569	528	487	496	540
MAX	20900	695	738	688	15900	16000	7350	813	575	516	561	575
MIN	449	515	535	540	500	887	568	515	443	448	454	510
CAL YR 1989	TOTAL 363258	MEAN 995	MAX 20900	MIN 336								
WTR YR 1990	TOTAL 671431	MEAN 1840	MAX 20900	MIN 443								

SANTEE RIVER BASIN

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC

LOCATION.--Lat 33°29'38'', long 80°57'38'', Berkeley County, Hydrologic Unit 03050112, on downstream side of U.S. Highway 52 bridge, 5.2 mi northeast of Russellville, and at mile 63.7.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 10.59 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Discharge records for 1989-90 are computed by utilization of the One-Dimensional unsteady flow simulation model. Two auxiliary water-stage recorders (sta. 02171645 and 02171700) are used in conjunction with this station for computation of discharge. Flow completely regulated by Lake Marion (sta. 02171000). Water is diverted above station from Lake Marion through canal into Lake Moultrie (sta. 02172000) for generation of power and for navigation, then discharged into the Cooper River and the lower Santee River. Negative flow is observed during initial releases from St. Stephens power house. During periods of incomplete gage height record, daily values are estimated using discharges from Wilson Spillway provided by the South Carolina Public Service Authority.

WATER YEAR 1989.--Estimated daily discharges: Oct. 14 - 17, Jan. 8, Sept. 15 - 30. Records poor.

WATER YEAR 1990.--Estimated daily discharges: Oct. 1, 1989 to Nov. 15, 1989; Jan. 9, 1990 - Jan. 12, 1990, Apr. 4, 1990 - Apr. 11, 1990, Apr. 27, 1990 - Apr. 30, 1990. Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 75,800 ft³/s, Mar. 7, 1987; minimum daily, -1330 ft³/s, Feb. 3, 1986.

EXTREMES FOR CURRENT YEAR.--WATER YEAR 1989: Maximum daily discharge, 4,480 ft³/s, Dec. 12; minimum daily, -213 ft³/s, Jan. 6.

WATER YEAR 1990: Maximum daily discharge, 35,700 ft³/s, Oct. 5 - 9; minimum daily, -906 ft³/s, May 8.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	697	527	581	638	601	1210	2340	528	298	1160	821	915
2	655	618	619	624	603	1350	2030	585	606	346	682	522
3	657	635	616	640	597	1640	2310	470	469	252	1110	656
4	654	625	605	688	597	1700	2320	346	502	304	850	157
5	655	640	604	522	599	1680	2600	134	513	207	680	354
6	652	608	606	564	606	1700	2930	411	549	-213	577	773
7	654	488	574	616	602	1720	3070	504	341	-86.0	583	543
8	651	125	427	515	604	1720	3160	-128	385	531	878	96.0
9	647	778	-10.0	583	606	1710	3260	757	404	368	-112	350
10	642	578	3500	445	605	1650	3710	1410	375	83.0	626	240
11	561	599	2370	570	592	1620	3970	1570	400	750	800	595
12	594	596	4480	600	594	1580	3310	1620	467	1020	33.0	596
13	628	616	4270	623	593	1570	1970	1100	479	833	449	676
14	515	612	2670	-188	598	1550	1910	104	488	776	935	538
15	515	613	845	1060	595	1490	1910	46.0	464	801	618	515
16	515	632	1460	630	597	887	1930	103	498	639	604	515
17	515	560	2670	613	592	718	1910	380	530	225	564	515
18	661	591	2500	562	608	419	1890	287	510	1100	655	515
19	639	604	1430	553	622	96.0	1830	-46.0	486	1720	327	515
20	681	619	687	558	621	118	1840	895	482	1870	668	515
21	657	613	411	561	629	643	1670	624	116	1930	839	515
22	644	603	-127	513	631	55.0	1560	87.0	549	2000	692	515
23	655	580	862	554	499	757	1510	65.0	216	2000	269	515
24	628	602	774	588	140	1460	1320	560	86.0	1990	722	515
25	631	466	632	560	-190	1670	1100	172	273	1780	452	515
26	631	550	620	560	655	1710	827	427	41.0	1510	415	515
27	640	606	571	595	535	1710	463	-162	291	1070	263	515
28	641	649	597	575	559	1690	728	126	390	725	290	515
29	595	850	436	582	---	1680	504	582	610	869	308	515
30	556	564	584	606	---	1680	677	172	725	1130	494	515
31	593	---	634	612	---	1720	---	247	---	905	474	---
TOTAL	19259	17747	37498.0	17722	15490	40903.0	60559	13976.0	12543.0	28595.0	17566.0	15251.0
MEAN	621	592	1210	572	553	1319	2019	451	418	922	567	508
MAX	697	850	4480	1060	655	1720	3970	1620	725	2000	1110	915
MIN	515	125	-127	-188	-190	55	463	-162	41	-213	-112	96

WTR YR 1989 TOTAL 297109.0 MEAN 814 MAX 4480 MIN -213

SANTEE RIVER BASIN

221

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3500	515	209	-164	758	5320	3290	-58	57	670	-214	454
2	3780	515	-325	100	831	4870	3880	-711	1230	649	695	277
3	26300	515	-153	-13	868	3880	4200	605	873	643	640	641
4	25700	515	184	-77	1100	2960	660	263	50	661	632	1120
5	35700	515	165	558	746	2100	660	976	220	647	626	754
6	35700	515	147	410	791	1630	660	655	390	641	622	117
7	35700	515	-586	227	845	1570	660	-896	-117	636	655	-48
8	35700	515	-256	404	692	3160	660	-906	-186	636	672	-13
9	35700	515	189	515	760	3790	575	-88	992	636	722	573
10	16600	515	444	515	733	4120	515	-216	690	651	699	-138
11	515	515	-240	515	692	4100	575	1720	796	645	443	186
12	515	515	-167	515	680	4220	995	1000	716	656	427	845
13	515	515	121	251	713	4150	934	825	740	658	201	619
14	515	515	440	868	753	4230	786	-270	328	673	504	565
15	515	-325	470	946	832	4140	892	-450	110	665	633	514
16	515	-150	310	892	839	4260	738	117	945	661	682	-86
17	515	-180	344	882	763	4200	917	-388	171	652	726	400
18	515	-70.0	226	1150	857	4560	461	98	-326	636	771	738
19	515	200	65	568	896	5210	792	-55	-140	640	752	353
20	515	160	292	650	927	5320	814	-287	-180	629	668	27
21	515	113	224	1010	1140	5390	761	843	-153	629	198	-739
22	515	-686	295	86	3900	5420	241	1110	672	631	570	-106
23	515	433	377	624	5000	5380	373	844	730	440	543	841
24	515	196	375	611	5340	5060	-173	771	846	473	580	790
25	515	37.0	393	823	5710	4760	-380	750	744	629	644	754
26	515	772	286	622	5870	4440	-73	-116	720	628	622	702
27	515	337	180	501	5790	3120	515	-512	702	626	583	541
28	515	-363	108	744	5570	1920	515	1460	689	621	-452	657
29	515	-460	128	134	---	1580	515	963	682	621	-431	269
30	515	-495	21	456	---	1300	515	1090	676	621	213	809
31	515	---	-53	826	---	1510	---	1040	---	231	572	---
TOTAL	265195	6729.0	4213	16149	54396	117670	26473	10177	13667	19135	15198	12416
MEAN	8555	224	136	521	1943	3796	882	328	456	617	490	414
MAX	35700	772	470	1150	5870	5420	4200	1720	1230	673	771	1120
MIN	515	-686	-586	-164	680	1300	-380	-906	-326	231	-452	-739

WTR YR 1990 TOTAL 561418.0 MEAN 1538 MAX 35700 MIN -906

SANTEE RIVER BASIN

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC

LOCATION.--Lat 33°25'26'', long 79°51'40'', Berkeley County, Hydrologic Unit 03050112, on right bank, 3.2 mi downstream from St. Stephens Powerhouse, 0.8 mi upstream from Santee River, and 3.0 mi west of St. Stephens.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Oct. 1, to Nov. 15, Jan. 9 - 12, Apr. 4 - 11, Apr. 27 - 30. Records poor. Discharge computed by utilization of the One-Dimensional unsteady flow simulation model. Two auxiliary water-stage recorder (sta. 02171560 and 02171700) are used with this station for computation of discharge. Flow is regulated by the St. Stephens Powerhouse. 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 record values of daily mean discharge from St. Stephens Powerhouse were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 31,200 ft³/s, Nov. 17, 1989; minimum daily discharge, 0 ft³/s, several days, most years.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharges, 31,200 ft³/s, Nov. 17; minimum daily, 34 ft³/s, May 31, July 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5500	13700	14600	23300	20000	24000	16800	7370	8460	34.0	6570	5430
2	4370	13600	19800	23000	20500	23600	17800	11900	1440	41.0	1480	7320
3	19700	9620	18800	23100	20600	23100	17100	5960	238	97.0	283	6760
4	19900	4570	18400	23300	17900	22300	20000	6590	7680	86.0	219	2220
5	20100	1780	6000	17400	17600	21700	17100	1540	1800	142	208	341
6	20200	1200	9460	22800	18900	21300	19400	3810	5150	60.0	208	6960
7	20400	4690	16400	16700	15400	20900	16500	11700	8190	81.0	226	7720
8	20600	275	18000	15500	16200	20400	21200	15600	9660	96.0	231	9230
9	21000	5360	17300	14200	15200	19700	16400	13200	4950	89.0	251	7120
10	21300	7270	16000	16400	14400	17900	19500	11500	4250	722	209	10200
11	21200	9440	20400	4240	14500	18600	16500	2620	2840	371	3810	10200
12	21100	8340	21300	6870	16000	17400	18500	889	734	72.0	3110	8400
13	17400	9500	22500	18100	18700	18500	17300	310	112	73.0	4910	9950
14	18100	6290	22200	19900	19500	17500	18600	9470	5590	118	1240	2670
15	18700	6160	22600	20000	19200	18300	17400	11000	6870	107	232	6300
16	13800	27600	22600	19800	19100	16700	18500	9620	1200	103	206	8920
17	8590	31200	22500	19700	19500	18000	16800	12200	5940	105	209	1970
18	10300	24000	19600	15400	19400	16900	15700	11300	9350	113	170	1420
19	11100	8450	22500	14000	19600	18000	17600	9860	10200	121	159	5150
20	14600	6190	22500	14900	20400	19700	16500	11700	12300	128	2230	7320
21	14400	8020	22600	9330	20500	20400	15900	6730	14800	137	4490	13200
22	13700	14600	22500	13800	20300	19700	13200	1890	10600	125	817	14100
23	10200	11600	22500	15400	20500	20500	8890	487	2040	3990	2850	8370
24	9300	10800	22500	15800	20800	21600	8960	232	630	1190	763	1500
25	10600	12000	22500	12900	21100	21900	9170	176	408	207	242	369
26	12600	2860	22700	12300	21600	20600	8400	8710	166	206	240	268
27	10100	6980	22800	13600	22800	18900	5730	11400	138	211	2540	4080
28	200	11000	22900	9190	23700	19200	200	2230	91.0	202	8300	1170
29	4310	14100	22800	11300	---	18200	200	565	65.0	200	8750	6390
30	14200	19300	23100	19100	---	18600	5040	110	50.0	188	5620	1200
31	13400	---	23200	17000	---	17500	---	34.0	---	5390	4440	---
TOTAL	440970	310495	623560	499330	533900	611600	430890	200703.0	135942.0	14805.0	65213	176248
MEAN	14220	10350	20110	16110	19070	19730	14360	6474	4531	478	2104	5875
MAX	21300	31200	23200	23300	23700	24000	21200	15600	14800	5390	8750	14100
MIN	200	275	6000	4240	14400	16700	200	34	50	34	159	268

WTR YR 1990 TOTAL 4043656.0 MEAN 11080 MAX 31200 MIN 34

Santee River Basin

223

02171650 Santee River Below St. Stephens, SC

LOCATION.--Lat 33°24'05'', long 79°31'20'', Berkeley County, Hydrologic Unit 02150112, on right bank, on Tract 13P of Francis Marion National Forest, 3.9 mi east of St. Stephens, 600 ft downstream from Mattassee Lake, and at mile 52.0.

PERIOD OF RECORD.--January 1974 to current year.

REMARKS.--At times of high water, samples are collected at U. S. Highway 17A bridge, approximately 10 miles downstream from gage.

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DATE	TIME	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLOR (PLAT- INUM- COBALT UNITS)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	PH (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
OCT 31...	1330	762	19.0	0.3	50	8.2	88	7.4	101
NOV 15...	1100	761	18.5	1.4	55	7.5	80	7.1	98
DEC 29...	1300	768	5.0	0.2	30	12.8	99	7.2	82
JAN 31...	1130	767	12.5	1.3	25	10.5	98	7.4	91
FEB 22...	1600	761	15.0	0.9	35	9.7	96	7.4	100
MAR 30...	1300	761	17.0	0.2	47	8.6	89	7.1	80
APR 30...	1245	761	23.5	0.8	40	4.0	47	6.7	120

DATE	TUR-BID- ITY (NTU)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	SEDI- MENT, SUS- PENDE (MG/L)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 31...	11	11	410	800	11	20	87	40	6.3
NOV 15...	8.0	15	700	1300	16	30	89	60	8.5
DEC 29...	6.0	5	260	640	5	<10	100	30	4.2
JAN 31...	8.0	14	250	810	20	10	68	30	4.2
FEB 22...	6.0	11	140	420	10	<10	100	40	4.3
MAR 30...	5.0	17	280	800	15	10	87	30	5.1
APR 30...	4.0	29	940	2200	28	660	96	720	4.4

SANTEE RIVER BASIN

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC-Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990-Continued

DATE	TIME	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLOR (PLAT-INUM-COBALT UNITS)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TUR-BID-ITY (NTU)
MAY 24...	0930	765	25.0	0.5	35	4.9	59	6.9	100	1.5
JUN 01...	1150	770	25.0	0.5	55	5.0	60	7.4	114	8.0
JUL 19...	1215	770	30.0	1.5	13	6.3	83	7.4	115	7.5
AUG 28...	1025	760	30.5	0.9	14	5.6	75	7.5	135	12
SEP 25...	1500	770	25.5	0.6	6	6.0	73	6.9	110	8.0

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	SEDI-MENT, SUS-PENDED (MG/L)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	CARBON, ORGANIC TOTAL (MG/L AS C)
MAY 24...	--	10	680	1300	10	260	100	290	4.0
JUN 01...	28	18	880	1800	17	330	99	350	5.3
JUL 19...	--	6	410	780	6	140	100	160	3.5
AUG 28...	--	16	60	600	15	<10	100	70	4.1
SEP 25...	--	7	470	830	8	80	100	80	5.4

NOTE: "K" denotes a bacteria count outside ideal limits.
 ">" denotes a value greater than that listed.
 "<" denotes a value less than that listed.

Santee River Basin

225

02171680 WEDBOO CREEK NEAR JAMESTOWN, SC

LOCATION.--Lat 33°19'50'', long 79°48'10'', Berkeley County, Hydrologic Unit 03050112, on right downstream wingwall of culvert on State Highway 45, 1.4 mi southeast of Alvin, 3.3 mi upstream from mouth, and 7.5 mi northwest of Jamestown.

DRAINAGE AREA.--17.4 mi².

PERIOD OF RECORD.--September 1966 to February 1972, February 1973 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 20 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 8 - 17, Feb. 23 to Mar. 10, Mar. 21 - 29, and May 26 to Sept. 30. Records poor.

AVERAGE DISCHARGE.--22 years, 12.06 ft³/s, 9.41 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, probably exceeded 1300 ft³/s (possible backwater from swamp), Sept. 5, 1987, gage height, 7.59 ft; maximum gage-height, 9.49 ft, Mar. 10, 1987 (caused by backwater from Santee River). No flow for several days during water years 1966-69, 1973, 1974, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 100 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 2	2330	*178	5.12	Jan. 8	1900	114	4.66
Oct. 11	0800	Backwater	*7.87				

Minimum daily, 0.27 ft³/s, Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	13	10	23	9.5	9.0	35	2.0	11	5.0	5.6	4.1
2	114	13	9.4	22	8.8	8.8	41	1.6	9.0	14	4.5	3.7
3	160	16	8.4	21	8.4	8.7	35	1.3	6.1	15	4.1	3.4
4	111	19	7.6	19	9.3	8.6	27	1.2	4.5	13	3.5	3.0
5	78	21	6.9	18	13	8.5	21	1.2	3.5	11	3.2	2.5
6	60	20	6.3	23	14	8.4	16	1.5	3.0	8.1	5.0	2.1
7	55	19	5.8	38	13	8.4	13	1.3	2.6	6.0	4.0	1.9
8	50	18	10	95	12	8.3	10	1.1	2.3	5.2	35	1.7
9	44	17	29	104	11	8.0	7.8	1.0	2.0	4.2	30	1.5
10	36	16	58	76	10	7.6	6.0	1.8	1.8	3.5	25	1.4
11	31	15	59	57	11	7.2	6.7	1.9	3.4	3.1	21	1.3
12	27	14	48	46	11	6.5	8.7	1.2	3.1	2.9	15	1.2
13	24	12	44	39	10	5.5	7.9	1.0	2.9	2.6	10	1.1
14	22	11	42	34	9.0	5.5	6.4	.99	2.5	2.4	7.1	1.0
15	21	11	37	29	8.1	5.1	6.5	.90	2.2	6.4	6.0	1.0
16	20	11	32	26	7.9	5.8	6.7	.82	3.2	5.4	5.0	.96
17	19	13	28	24	10	5.7	5.6	.80	5.8	3.6	4.5	.90
18	19	18	24	22	12	8.2	4.3	.80	5.6	4.6	4.1	.86
19	22	16	25	21	12	10	3.5	.77	5.0	4.3	3.6	.80
20	28	15	32	19	13	9.7	3.1	.76	4.5	3.5	3.3	.74
21	30	14	35	19	13	9.6	2.8	.74	4.1	3.1	16	.70
22	28	13	32	18	12	9.2	2.6	.71	4.4	8.0	15	.61
23	25	13	30	17	11	8.3	2.4	.69	4.0	7.0	14	.54
24	23	13	27	16	10	7.3	2.1	.67	36	6.2	12	.50
25	20	13	25	15	10	6.6	2.0	.67	30	9.0	10	.45
26	19	13	24	15	9.8	6.0	1.8	.64	20	15	9.0	.41
27	17	13	26	14	9.6	5.6	1.6	1.4	15	14	7.9	.37
28	16	12	28	13	9.3	5.4	1.4	3.5	10	11	7.0	.34
29	15	12	27	12	---	6.2	2.2	10	7.0	9.0	6.0	.30
30	14	11	26	11	---	7.1	2.6	13	6.0	8.0	5.2	.27
31	14	---	24	10	---	16	---	12	---	6.2	4.6	---
TOTAL	1204	435	826.4	916	297.7	240.8	292.7	67.96	256.5	220.3	342.2	39.65
MEAN	38.8	14.5	26.7	29.5	10.6	7.77	9.76	2.19	8.55	7.11	11.0	1.32
MAX	160	21	59	104	14	16	41	13	40	15	40	4.1
MIN	14	11	5.8	10	7.9	5.1	1.4	.64	1.8	2.4	3.2	.27

CAL YR 1989 TOTAL 5069.49 MEAN 13.9 MAX 241 MIN .43
WTR YR 1990 TOTAL 5139.21 MEAN 14.1 MAX 160 MIN .27

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.--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.--Water-stage recorder and data collection platform. Datum of gage is National Geodetic Vertical Datum 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.--Discharge record computed by utilization of the One-Dimensional unsteady flow simulation model. Two auxiliary water-stage recorders (sta. 02171560 and 02171645) are used in conjunction with this station for computation of discharge. During periods of incomplete gage-height record, daily values are estimated using data obtained from the South Carolina Public Service Authority for discharges from the St. Stephens Hydroelectric Plant and Wilson Spillway. Discharge affected by regulation from Lake Marion (see sta 02171000) and redirection from St. Stephens powerplant, several days during the year.

WATER YEAR 1989.--Records poor. Estimated daily discharges: Oct. 14 - 17, Jan. 8, Sept. 15 - 30.

WATER YEAR 1990.--Records poor. Estimated daily discharges: Oct. 1, to Nov. 15, Jan. 9 - 12, Apr. 4 - 11, Apr. 27 - 30.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 89,500 ft³/s, Mar. 9, 1987, maximum gage height, 32.0 ft, Apr. 15, 1936; minimum daily discharge, 460 ft³/s, Nov. 13, 1986, minimum gage height, 0.61 ft, Nov. 21, 1974.

EXTREMES FOR CURRENT YEAR.--WATER YEAR 1989: Maximum daily discharge, 26,500 ft³/s, Mar. 14, Apr. 1; minimum, 515 ft³/s, Sept. 18, 19, 22 - 30.

WATER YEAR 1990: Maximum daily discharge, 56,700 ft³/s, Oct. 9; minimum, 515 ft³/s, Oct. 28, Apr. 28, 29.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1000	4560	1970	979	987	20400	26500	4000	7910	3680	11400	10200
2	1000	2010	1070	934	888	20800	25800	5120	7100	5620	18400	6550
3	961	1120	908	915	846	25100	23700	3320	3380	7110	19700	5760
4	961	960	860	1010	745	25600	23600	7910	2290	7550	13600	4890
5	892	1230	866	5560	780	25900	22500	8330	1330	8580	11800	9930
6	905	2970	1330	4010	891	26100	21600	7890	1260	11500	10900	7190
7	938	5390	4750	1430	919	26000	19200	7060	4750	19900	10500	4500
8	970	7420	4810	2370	943	26000	20000	8880	4940	16400	7530	6470
9	1310	7240	13000	3300	1100	26000	19600	19800	3700	11900	10100	8820
10	1760	3790	12600	6590	1010	26100	18100	22900	2730	14500	11900	9580
11	3530	2300	13600	5020	889	26300	17300	23700	4950	15200	11000	9120
12	2760	1680	4680	1940	864	26400	20100	23600	1630	14600	9060	8550
13	3710	1090	8250	1130	992	26400	26100	21200	1200	11000	12400	5750
14	2840	960	5400	7530	917	26500	26200	20500	1530	8440	8580	3070
15	2100	900	5450	9180	765	26300	26300	17500	1660	6220	4700	3880
16	995	908	4980	3290	817	18000	26200	14600	1000	3780	2370	5100
17	1450	2530	6500	3050	1060	19100	26300	14300	948	6080	2300	8120
18	2720	1610	6080	3940	1310	16200	26300	8100	971	20100	1300	515
19	1370	1310	5970	3660	947	12500	26300	12800	899	22800	5720	515
20	693	1030	4590	3230	912	14100	26100	7660	899	23600	7530	8260
21	673	968	5980	3260	973	9940	23100	3550	3130	24200	6390	14500
22	1350	975	13100	4500	929	12100	22400	5850	7600	24400	3550	515
23	1160	2850	9180	3200	2310	16700	21800	8370	5290	24900	5390	515
24	1050	2360	5150	2270	7770	22800	19100	8650	8840	24700	7520	515
25	1300	5390	1970	2900	14500	24900	14700	5650	9300	24000	4190	515
26	1460	3310	2510	2650	16600	25400	9780	11900	10100	21300	8150	515
27	984	1310	5480	1560	11800	25600	8990	14900	11200	16600	8490	515
28	1010	1050	3410	2290	17200	25800	7610	15600	10300	15300	11200	515
29	2410	2590	6270	1810	---	25800	7300	10700	9760	16900	12500	515
30	3240	4910	3320	1000	---	25900	5840	8680	6760	17700	13400	515
31	2520	---	1280	1040	---	26000	---	9250	---	14300	12200	---
TOTAL	50022	76721	165314	95548	90664	700740	608420	362270	137357	462860	283770	145905
MEAN	1614	2557	5333	3082	3238	22600	20280	11690	4579	14930	9154	4863
MAX	3710	7420	13600	9180	17200	26500	26500	23700	11200	24900	19700	14500
MIN	673	900	860	915	745	9940	5840	3320	899	3680	1300	515

CAL YR 1988 TOTAL 3911225.00 MEAN 16300 MAX 222000 MIN 1.0
WTR YR 1989 TOTAL 3179591 MEAN 8711 MAX 26500 MIN 515

227

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9000	14200	14800	23100	20400	29100	19800	5610	3950	689	6160	5230
2	8150	14100	19400	23100	21000	28700	21500	9840	5980	623	4900	6400
3	46000	10100	18300	23100	21300	27600	21300	8760	2310	688	1870	7580
4	55600	5090	19300	23200	19400	25900	20600	6820	2950	754	1010	6310
5	55700	2290	9400	19000	18100	24400	17800	5310	6300	808	863	2660
6	55800	1720	7560	12000	20000	23300	20100	2740	3390	702	859	2650
7	56100	5210	15700	17000	16600	22600	17100	7770	6490	660	883	7200
8	56300	790	17100	16000	16900	23300	21800	14000	8780	759	876	8880
9	56700	5880	17600	14700	16200	23500	17000	14300	7970	818	957	8250
10	37900	7780	16200	16900	15200	22200	20000	11000	5940	907	954	8650
11	21700	9960	19900	4760	14800	22700	17000	7550	4080	1290	1490	10600
12	21600	8860	20900	7360	16700	21700	19400	3690	3520	1000	4010	9700
13	18000	10000	22400	19100	19200	22600	18400	1820	1400	718	3800	10100
14	18600	6800	22700	19900	20000	21800	19300	3790	1890	730	4570	8010
15	19200	6680	22800	20000	19900	22400	18400	9790	6690	777	1570	4320
16	14300	21900	22900	19800	20000	21200	19100	9890	5290	756	884	8010
17	9110	28300	22800	19700	20200	21900	18300	11200	3300	738	831	7030
18	10800	23100	20000	15400	20200	21500	15800	12500	7130	734	890	2620
19	11600	9350	22500	14000	20400	22800	18400	9780	9770	732	929	3270
20	15100	6650	22800	14900	21200	24700	17600	10600	11400	731	1400	5900
21	15000	5090	22800	9330	21500	25500	17200	9060	14600	795	3520	10600
22	14200	12500	22700	13800	23400	25100	13700	6250	12700	786	3680	14000
23	10700	13700	22800	15400	25100	25700	10100	2500	6790	1240	1640	11300
24	9820	10000	22900	15800	25800	26600	9120	1350	3140	4080	3240	6050
25	11100	13000	22900	12900	26400	26600	8610	1110	1560	1500	1330	2500
26	13100	6640	23000	12300	27000	25400	8710	3010	3890	897	937	1170
27	10600	4300	22900	13600	28200	23100	6250	10800	968	870	898	1710
28	515	9470	23000	9190	29000	21700	515	7230	832	819	4780	3930
29	4820	13400	23000	11300	---	20000	515	3170	761	795	7760	3480
30	14700	18300	23000	19100	---	20000	5550	1490	746	829	7820	5120
31	13900	---	23100	17000	---	19100	---	1140	---	1850	5430	---
TOTAL	715715	305160	627160	492740	584100	732700	458970	213870	154517	30075	80741	193230
MEAN	23090	10170	20230	15890	20860	23640	15300	6899	5151	970	2605	6441
MAX	56700	28300	23100	23200	29000	29100	21800	14300	14600	4080	7820	14000
MIN	515	790	7560	4760	14800	19100	515	1110	746	623	831	1170
CAL YR 1989	TOTAL 4535309		MEAN 12430	MAX 56700	MIN 515							
WTR YR 1990	TOTAL 4588978		MEAN 12570	MAX 56700	MIN 515							

SANTEE RIVER BASIN

02171730 SANTEE RIVER NEAR HONEY HILL, S.C.

LOCATION.--Lat 33°14'43'', long 79°31'20'', Berkeley County, Hydrologic Unit 03050112, near right bank 1.7 mi downstream from Echaw Creek, 4.9 mi northeast of Honey Hill, and at mile 25.0.

PERIOD OF RECORD.--November 1973 to July 1976, August 1977 to current year. Gage height records July 1976 to August 1977 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 13.23 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see station 02171000) and redirection from St. Stephens powerplant (see station 02171645). Gage was destroyed by hurricane Hugo, therefore, no data are available for the period Oct.1 to Nov. 7.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 27.69 ft, Mar. 10, 1987; minimum, 11.77 ft, Jan. 25, 1979 and Mar. 17, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.92 ft, Mar. 6, but may have been higher during the period of no gage height record, Feb. 24 to Mar. 6; minimum, 13.48 ft, July 17.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	19.56	18.90	19.20	22.51	22.48	22.50
2	---	---	---	---	---	---	19.82	19.20	19.50	22.50	22.48	22.49
3	---	---	---	---	---	---	20.08	19.69	19.87	22.49	22.46	22.48
4	---	---	---	---	---	---	20.70	20.10	20.42	22.49	22.46	22.48
5	---	---	---	---	---	---	21.00	20.68	20.81	22.48	22.40	22.46
6	---	---	---	---	---	---	20.72	19.82	20.30	22.42	22.21	22.35
7	---	---	---	17.88	16.61	17.33	20.08	19.74	19.89	22.20	22.01	22.12
8	---	---	---	18.09	16.23	17.31	20.28	19.73	20.09	22.04	21.79	21.94
9	---	---	---	17.60	15.61	16.62	20.60	19.99	20.37	21.79	21.60	21.69
10	---	---	---	18.16	16.33	17.36	20.88	20.40	20.69	21.59	21.38	21.49
11	---	---	---	18.56	17.35	17.93	21.05	20.70	20.91	21.50	21.30	21.40
12	---	---	---	18.96	17.84	18.39	21.30	20.85	21.10	21.39	20.85	21.14
13	---	---	---	19.15	18.11	18.63	21.59	21.23	21.42	20.84	20.53	20.69
14	---	---	---	19.29	18.31	18.78	21.85	21.55	21.70	20.75	20.43	20.60
15	---	---	---	19.05	18.15	18.61	22.06	21.83	21.94	21.23	20.75	20.95
16	---	---	---	18.94	17.93	18.35	22.20	22.06	22.12	21.60	21.25	21.45
17	---	---	---	19.22	18.30	18.67	22.31	22.21	22.27	21.80	21.60	21.72
18	---	---	---	19.28	18.66	18.93	22.36	22.31	22.34	21.92	21.79	21.88
19	---	---	---	18.95	17.70	18.51	22.36	22.31	22.34	21.96	21.77	21.89
20	---	---	---	17.97	16.42	17.31	22.34	22.30	22.33	21.80	21.49	21.68
21	---	---	---	16.53	15.50	16.19	22.37	22.32	22.35	21.49	21.10	21.34
22	---	---	---	18.62	16.54	18.01	22.41	22.36	22.39	21.10	20.61	20.85
23	---	---	---	18.93	18.29	18.67	22.45	22.41	22.44	20.69	20.39	20.53
24	---	---	---	19.02	18.51	18.75	22.48	22.45	22.47	20.54	20.27	20.39
25	---	---	---	19.27	18.56	18.98	22.50	22.47	22.49	20.57	20.24	20.42
26	---	---	---	19.25	17.75	18.64	22.50	22.49	22.49	20.49	20.21	20.34
27	---	---	---	17.92	16.32	17.25	22.51	22.48	22.50	20.41	20.10	20.23
28	---	---	---	18.59	17.53	17.98	22.50	22.49	22.50	20.29	19.87	20.10
29	---	---	---	18.99	18.08	18.50	22.51	22.48	22.50	20.12	19.44	19.76
30	---	---	---	19.41	18.51	18.95	22.51	22.48	22.50	19.89	19.45	19.66
31	---	---	---	---	---	---	22.51	22.49	22.50	20.10	19.64	19.87
MONTH	---	---	---	19.41	15.50	18.11	22.51	18.90	21.51	22.51	19.44	21.25

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	20.68	20.13	20.42	---	---	---	22.89	22.67	22.79	17.59	15.78	16.74
2	21.25	20.70	21.06	---	---	---	22.67	22.54	22.60	18.15	16.75	17.65
3	21.65	21.26	21.53	---	---	---	22.54	22.41	22.48	18.70	17.70	18.17
4	21.93	21.65	21.84	---	---	---	22.44	22.40	22.42	18.10	16.65	17.54
5	22.04	21.92	22.00	---	---	---	22.45	22.34	22.42	17.80	16.17	17.05
6	22.04	21.96	21.99	23.92	---	---	22.45	22.39	22.42	17.42	14.69	15.90
7	22.01	21.91	21.95	23.80	23.54	23.67	22.40	22.32	22.36	18.36	16.00	16.95
8	21.90	21.76	21.83	23.55	23.33	23.43	22.34	22.23	22.28	18.86	17.64	18.07
9	21.76	21.55	21.65	23.32	23.17	23.24	22.27	22.17	22.21	19.24	18.26	18.58
10	21.58	21.32	21.45	23.17	23.07	23.11	22.22	22.10	22.15	19.14	18.39	18.73
11	21.37	21.13	21.25	23.08	22.94	23.01	22.14	22.03	22.08	18.93	17.73	18.38
12	21.23	20.87	21.03	22.95	22.82	22.88	22.08	21.97	22.02	18.27	15.85	16.95
13	21.00	20.81	20.90	22.83	22.70	22.76	22.03	21.92	21.97	17.46	14.64	15.89
14	21.16	20.92	21.02	22.71	22.63	22.67	22.01	21.92	21.97	17.65	14.44	15.61
15	21.44	21.17	21.31	22.66	22.59	22.63	21.97	21.88	21.93	18.21	17.37	17.70
16	21.63	21.45	21.56	22.63	22.58	22.60	21.95	21.84	21.89	18.67	17.70	18.14
17	21.76	21.63	21.72	22.61	22.55	22.58	21.90	21.82	21.86	18.61	17.85	18.17
18	21.92	21.76	21.87	22.56	22.53	22.55	21.88	21.74	21.83	18.74	17.98	18.39
19	21.99	21.90	21.96	22.54	22.52	22.53	21.80	21.62	21.73	18.74	17.91	18.38
20	22.06	21.94	22.01	22.54	22.52	22.53	21.67	21.55	21.61	18.79	17.83	18.38
21	22.18	22.05	22.13	22.67	22.53	22.59	21.60	21.50	21.55	18.78	17.97	18.41
22	22.31	22.16	22.25	22.93	22.67	22.81	21.52	21.39	21.48	18.53	17.14	17.92
23	22.44	22.31	22.38	23.14	22.93	23.04	21.46	21.14	21.30	18.15	15.60	16.97
24	---	---	---	23.34	23.13	23.23	21.18	20.57	20.85	17.64	14.92	16.49
25	---	---	---	23.55	23.33	23.43	20.71	19.83	20.24	17.39	14.45	15.96
26	---	---	---	23.70	23.54	23.62	20.18	19.24	19.69	18.42	14.88	16.03
27	---	---	---	23.74	23.69	23.72	19.80	18.67	19.21	18.89	17.48	17.97
28	---	---	---	23.73	23.54	23.64	19.38	16.97	18.20	19.06	17.38	18.34
29	---	---	---	23.55	23.38	23.49	18.15	15.22	16.60	18.44	15.20	16.88
30	---	---	---	23.40	23.05	23.23	17.49	14.92	15.90	17.02	14.71	15.88
31	---	---	---	23.05	22.89	22.98	---	---	---	17.06	14.83	16.02
MONTH	22.44	20.13	21.61	23.92	22.52	23.04	22.89	14.92	21.27	19.24	14.44	17.36

SANTEE RIVER BASIN

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'27'', long 79° 23'05'', Georgetown County, Hydrologic Unit 03050112, near left bank at Hopsewee Plantation, 0.1 mi upstream from U. S. Highway 17, 1.3 mi southwest of North Santee, and at mile 13.0.

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.--Water-stage recorder. Datum of gage is 3.47 ft below National Geodetic Vertical Datum of 1929 (National Ocean 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, 10.35 ft, Mar. 11, 1987; minimum, 0.82 ft, Dec. 7, 1983 (Revised).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.33 ft, Oct. 14; minimum, 1.48 ft, July 21.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.98	3.24	5.10	6.94	3.55	5.15	6.91	2.90	4.77	6.77	5.25	5.92
2	6.83	3.08	4.92	7.13	3.67	5.40	6.73	3.00	4.58	7.01	5.35	6.07
3	6.64	2.83	4.84	6.92	3.99	5.37	5.52	2.52	3.81	6.79	5.33	6.00
4	6.82	3.44	5.15	6.95	3.98	5.42	6.54	3.03	4.56	6.77	5.24	5.97
5	6.80	3.88	5.31	6.97	4.03	5.41	6.34	3.16	4.62	6.80	5.18	5.91
6	6.41	3.98	5.15	6.58	3.16	4.88	6.34	3.29	4.93	6.99	5.23	6.08
7	6.35	4.11	5.20	6.32	2.82	4.51	6.13	3.25	4.64	7.23	5.30	6.30
8	7.32	5.13	6.15	6.48	2.69	4.70	7.18	3.83	5.67	7.71	5.00	6.24
9	7.95	6.43	7.13	6.79	2.38	4.75	7.43	3.84	5.91	7.12	4.67	5.85
10	8.51	7.25	7.96	6.82	2.19	4.68	7.30	3.85	5.73	6.92	4.39	5.53
11	8.95	7.90	8.47	7.00	2.39	4.86	7.51	4.01	5.73	---	---	---
12	9.22	8.42	8.84	7.20	2.59	4.92	7.59	3.84	5.80	---	---	---
13	9.27	8.69	8.99	7.44	2.60	5.15	7.48	4.17	5.69	6.96	3.50	5.13
14	9.33	8.63	8.95	7.49	2.79	5.21	7.22	4.07	5.55	6.84	3.79	5.22
15	9.20	8.31	8.71	7.38	2.87	5.13	7.34	4.30	5.76	6.54	3.78	5.08
16	8.94	7.89	8.34	6.50	2.44	4.32	6.87	4.62	5.71	6.10	3.91	4.99
17	8.71	7.47	7.97	6.79	2.16	4.28	7.10	5.04	5.97	6.08	4.19	5.13
18	8.23	6.93	7.50	6.41	2.68	4.30	6.83	5.30	6.01	6.27	4.46	5.32
19	7.72	6.19	6.96	6.20	2.69	4.19	7.03	5.57	6.21	6.15	4.65	5.35
20	7.07	5.33	6.14	5.72	1.96	3.91	6.76	5.38	6.03	6.81	4.55	5.59
21	6.96	4.96	5.82	5.48	1.94	3.56	6.98	5.42	6.16	6.33	3.81	5.04
22	6.58	4.68	5.61	6.30	3.29	4.76	6.94	5.47	6.15	5.72	3.73	4.69
23	6.84	4.90	5.88	6.05	2.89	4.44	7.12	5.45	6.23	6.32	3.62	4.89
24	6.95	4.85	5.95	6.47	2.98	4.72	7.12	5.55	6.26	6.60	3.56	5.05
25	7.07	4.91	6.12	6.67	3.06	4.96	7.56	5.57	6.58	6.74	3.57	5.06
26	7.27	5.03	6.19	6.82	3.32	4.89	7.07	5.56	6.20	6.05	2.86	4.31
27	7.28	4.78	6.09	6.71	2.69	4.62	7.35	5.42	6.37	6.58	2.93	4.69
28	7.29	4.60	5.91	6.74	2.76	4.53	6.97	5.42	6.11	6.60	3.19	4.82
29	7.52	4.45	6.02	6.73	2.57	4.52	7.18	5.42	6.18	6.72	3.19	4.87
30	7.53	4.39	6.01	7.06	2.99	4.86	7.20	5.40	6.21	6.55	2.82	4.56
31	7.30	4.13	5.57	---	---	---	7.35	5.47	6.32	6.61	3.16	4.75
MONTH	9.33	2.83	6.55	7.49	1.94	4.75	7.59	2.52	5.69	7.71	2.82	5.32

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	6.61	3.46	4.95	8.49	7.11	7.71	7.82	6.22	6.94	6.48	2.54	4.47
2	6.55	3.61	4.95	8.52	7.39	7.89	7.68	6.02	6.83	6.61	2.96	4.83
3	6.31	3.91	5.00	8.44	7.41	7.87	7.33	5.69	6.48	6.69	3.07	5.01
4	6.59	4.17	5.31	8.31	7.54	7.92	7.22	5.60	6.42	6.39	2.72	4.70
5	6.72	4.17	5.62	8.46	7.40	7.92	7.08	5.60	6.36	6.18	2.36	4.33
6	7.24	4.86	6.05	8.29	7.16	7.74	6.96	5.46	6.24	6.60	2.17	4.22
7	7.22	4.87	5.97	8.37	7.14	7.78	7.05	5.27	6.10	6.88	2.69	4.75
8	7.20	4.73	6.02	8.26	7.17	7.66	7.37	5.44	6.37	6.80	2.58	4.57
9	7.12	4.77	5.88	8.05	6.76	7.34	7.28	5.36	6.30	7.00	2.81	4.68
10	7.01	4.44	5.63	7.74	6.43	7.05	7.03	5.06	6.05	6.36	2.86	4.74
11	7.27	4.21	5.76	7.67	6.37	7.03	6.62	4.71	5.67	6.70	2.58	4.33
12	6.59	4.02	5.39	7.47	6.17	6.83	6.95	4.88	5.77	6.68	2.58	4.37
13	6.44	3.88	5.17	7.29	5.93	6.60	7.04	4.85	5.75	6.19	2.18	4.19
14	6.19	3.72	4.86	7.40	5.88	6.56	6.91	5.12	5.99	6.43	2.11	3.93
15	6.13	3.98	4.96	7.27	5.86	6.55	6.85	4.88	5.76	6.59	3.05	4.68
16	6.14	4.09	4.96	7.20	5.77	6.42	6.66	4.92	5.67	6.73	3.19	4.75
17	5.95	4.32	5.00	7.10	5.64	6.25	6.72	4.78	5.60	6.43	2.74	4.42
18	6.61	5.13	5.82	6.80	5.54	6.05	6.39	5.05	5.77	6.27	2.58	4.45
19	6.76	4.75	5.63	6.61	5.65	6.14	7.06	5.12	6.16	6.47	2.57	4.55
20	6.48	4.93	5.76	6.89	5.48	6.09	6.61	4.47	5.66	6.77	2.65	4.74
21	7.03	5.27	6.08	6.80	5.65	6.21	6.54	4.34	5.49	6.95	2.31	4.57
22	7.17	5.19	6.13	7.13	5.75	6.40	7.29	4.25	5.66	7.21	2.33	4.76
23	7.17	5.18	6.15	7.24	5.82	6.54	7.44	4.43	5.96	7.65	2.76	5.32
24	6.63	5.19	5.87	7.66	6.05	6.90	7.38	3.91	5.66	7.34	2.42	5.15
25	7.45	5.38	6.43	8.00	6.43	7.23	7.35	3.32	5.31	7.19	2.08	4.71
26	7.92	6.08	7.00	8.42	6.72	7.52	7.34	2.96	5.04	7.29	2.07	4.60
27	8.11	6.54	7.29	8.59	7.11	7.77	7.25	2.74	4.91	7.37	2.72	4.95
28	8.19	6.81	7.39	8.72	7.21	7.88	7.11	2.62	4.83	7.40	3.65	5.59
29	---	---	---	8.52	7.06	7.79	7.07	2.30	4.44	7.53	2.42	4.97
30	---	---	---	8.21	6.56	7.32	6.75	1.96	4.10	6.32	2.31	4.51
31	---	---	---	8.02	6.40	7.12	---	---	---	6.52	2.86	4.87
MONTH	8.19	3.46	5.75	8.72	5.48	7.10	7.82	1.96	5.78	7.65	2.07	4.67
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	6.69	2.92	4.93	6.09	1.84	3.94	6.80	2.78	4.75	6.98	3.06	5.07
2	6.39	2.75	4.64	6.67	2.41	4.42	6.87	3.12	4.98	7.18	3.04	5.21
3	6.32	2.23	4.30	6.83	3.16	4.92	6.74	2.89	4.86	7.13	2.96	5.17
4	6.07	1.84	4.03	6.59	2.64	4.65	6.60	2.37	4.49	7.26	3.07	5.28
5	7.12	2.63	4.85	6.28	1.99	4.11	6.57	2.27	4.40	7.06	2.96	5.24
6	6.61	2.54	4.73	6.56	2.05	4.12	6.61	2.12	4.30	6.96	2.73	5.00
7	6.45	2.17	4.25	6.84	2.43	4.50	6.59	2.24	4.36	7.03	2.83	4.99
8	6.67	2.41	4.30	6.84	2.48	4.65	6.60	2.34	4.46	6.99	2.68	4.87
9	6.59	2.66	4.44	6.48	2.23	4.33	6.52	2.48	4.55	7.38	3.04	5.33
10	6.42	2.24	4.12	6.22	1.87	3.93	6.55	2.35	4.55	7.32	3.18	5.33
11	6.77	2.43	4.47	6.14	1.92	3.89	6.53	2.36	4.50	7.29	3.18	5.33
12	6.97	2.93	4.83	5.86	1.79	3.75	6.66	2.37	4.55	7.29	3.60	5.53
13	6.96	3.00	4.91	5.96	1.70	3.84	6.51	2.23	4.41	7.33	3.41	5.51
14	6.72	2.77	4.65	6.22	2.06	4.18	6.69	2.17	4.46	7.36	3.47	5.55
15	6.78	3.04	5.12	6.08	1.74	3.97	6.48	1.78	4.18	7.00	2.88	5.24
16	7.20	3.67	5.64	6.15	1.64	3.85	6.72	1.92	4.34	7.41	3.32	5.46
17	7.00	3.15	5.38	6.36	1.54	3.91	6.97	2.32	4.68	7.53	3.71	5.75
18	7.27	2.91	5.37	6.44	1.67	3.94	7.07	2.33	4.79	7.23	3.44	5.60
19	7.34	2.70	5.24	6.59	1.52	4.00	6.97	2.35	4.77	7.13	3.31	5.38
20	7.69	2.84	5.34	6.75	1.62	4.08	6.79	2.24	4.62	7.07	3.20	5.26
21	7.56	2.82	5.34	6.51	1.48	3.99	7.01	2.54	4.77	7.25	3.33	5.41
22	7.46	2.78	5.14	6.75	1.63	4.01	7.05	3.10	5.23	6.93	3.41	5.08
23	7.28	2.54	4.94	6.89	2.06	4.39	6.91	3.19	5.16	6.99	3.17	5.08
24	7.12	2.34	4.73	6.89	2.58	4.77	6.84	2.98	4.97	6.87	3.44	5.03
25	6.98	2.45	4.68	6.88	2.72	4.91	6.30	2.66	4.45	6.42	2.93	4.61
26	6.91	2.73	4.79	6.88	2.94	5.14	6.06	2.35	4.23	6.07	2.77	4.37
27	6.83	2.59	4.58	6.93	3.34	5.24	6.08	2.37	4.23	6.18	2.48	4.30
28	6.46	2.34	4.28	6.71	3.25	5.16	6.42	2.75	4.56	6.48	3.13	4.72
29	5.97	2.08	4.10	6.83	3.28	5.13	6.48	3.08	4.70	6.64	3.22	4.93
30	5.81	1.83	3.85	6.49	2.94	4.81	6.62	3.31	4.86	6.79	3.07	5.00
31	---	---	---	6.19	2.52	4.38	6.82	3.34	5.07	---	---	---
MONTH	7.69	1.83	4.73	6.93	1.48	4.35	7.07	1.78	4.62	7.53	2.48	5.15
YEAR	9.33	1.48	5.37									

SANTEE RIVER BASIN

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°11'40'', long 79°16'36'', Georgetown County, Hydrologic Unit 03050112, near left bank at AIW in Annandale Plantation, 6.5 mi southeast of North Santee. Prior to Feb. 21, 1986 at site 600 ft downstream.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 18.08 ft below National Geodetic Vertical Datum of 1929 (National Ocean 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, 25.38 ft, Sept. 22, 1989; minimum, 14.19 ft, Jan. 4, 1989 (Revised).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.28 ft, Mar. 28; minimum, 14.29 ft, Jan. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.23	16.21	18.15	19.99	15.85	17.78	---	---	---	18.88	14.86	16.75
2	20.07	15.89	17.89	20.22	16.01	18.08	---	---	---	19.44	15.19	17.14
3	19.83	15.66	17.74	20.03	16.32	18.02	---	---	---	19.00	15.12	16.98
4	19.90	16.02	17.98	20.04	16.33	18.08	---	---	---	19.01	15.00	16.96
5	19.88	16.43	18.05	20.10	16.34	18.07	---	---	---	19.12	14.98	16.88
6	19.41	16.12	17.63	19.65	15.80	17.63	---	---	---	19.46	15.25	17.27
7	19.15	15.66	17.39	---	---	---	19.07	15.30	17.11	19.91	15.70	17.83
8	20.21	16.53	18.13	---	---	---	20.30	15.77	18.16	20.65	15.06	17.75
9	20.25	16.90	18.42	---	---	---	20.58	15.61	18.37	19.99	14.83	17.50
10	20.28	16.65	18.52	---	---	---	20.48	15.43	18.07	19.80	14.94	17.24
11	20.47	16.46	18.48	---	---	---	20.67	15.57	17.97	20.31	14.94	17.63
12	20.56	16.38	18.49	---	---	---	20.72	15.22	17.99	19.93	14.86	17.12
13	20.55	16.32	18.47	---	---	---	20.63	15.38	17.76	19.93	14.75	17.26
14	20.86	16.26	18.56	---	---	---	20.26	15.04	17.46	19.82	15.34	17.44
15	21.03	16.23	18.54	---	---	---	20.33	15.11	17.56	19.51	15.35	17.27
16	21.02	16.09	18.41	---	---	---	19.59	15.11	17.28	18.92	15.27	17.05
17	20.98	16.03	18.29	---	---	---	19.84	15.57	17.48	18.77	15.48	17.11
18	20.56	15.83	18.11	---	---	---	19.28	15.51	17.37	18.95	15.45	17.14
19	19.98	16.00	17.74	---	---	---	19.58	16.08	17.66	18.64	15.62	17.14
20	19.60	15.32	17.19	---	---	---	19.11	15.75	17.40	19.64	15.71	17.44
21	19.78	15.49	17.42	---	---	---	19.51	15.85	17.62	19.04	14.91	16.82
22	19.38	15.70	17.51	---	---	---	19.40	15.84	17.59	18.39	15.25	16.77
23	19.71	16.37	18.04	---	---	---	19.65	16.02	17.66	19.27	15.32	17.21
24	19.91	16.29	18.18	---	---	---	19.52	15.91	17.62	19.65	15.34	17.45
25	20.11	16.64	18.50	---	---	---	20.27	15.88	18.05	19.74	15.40	17.44
26	20.37	16.72	18.60	---	---	---	19.41	15.50	17.31	19.03	14.29	16.51
27	20.40	16.53	18.52	---	---	---	19.95	15.32	17.61	19.50	14.47	16.96
28	20.46	16.36	18.37	---	---	---	19.30	15.08	17.11	19.55	14.89	17.13
29	20.75	16.58	18.69	---	---	---	19.71	15.28	17.27	19.65	14.94	17.24
30	20.71	16.80	18.70	---	---	---	19.74	15.17	17.31	19.44	14.62	16.93
31	20.46	16.25	18.17	---	---	---	19.99	15.37	17.49	19.55	15.01	17.14
MONTH	21.03	15.32	18.16	20.22	15.80	17.94	20.72	15.04	17.61	20.65	14.29	17.18

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	19.48	15.21	17.31	20.76	16.08	18.35	20.21	16.08	17.91	19.73	15.42	17.44
2	19.52	15.08	17.13	20.64	16.10	18.29	20.22	16.17	18.05	19.71	15.78	17.69
3	19.21	15.14	17.03	20.41	15.98	18.03	19.82	16.04	17.74	19.71	15.80	17.82
4	19.53	14.92	17.15	20.13	16.58	18.27	19.79	15.91	17.85	19.46	15.54	17.61
5	19.55	15.71	17.46	20.44	16.45	18.34	19.61	15.83	17.85	19.30	15.22	17.29
6	20.17	15.48	17.83	20.24	16.05	18.14	19.39	15.63	17.60	20.02	15.17	17.39
7	20.10	15.34	17.59	20.56	16.40	18.71	19.65	15.44	17.48	20.01	15.65	17.76
8	20.09	15.08	17.73	20.54	16.75	18.59	20.20	15.70	17.96	19.80	15.25	17.37
9	20.02	15.33	17.61	20.35	16.03	18.07	20.08	15.84	17.89	20.00	15.33	17.44
10	19.97	15.08	17.40	20.01	15.57	17.73	19.76	15.35	17.54	19.44	15.39	17.48
11	20.30	15.07	17.79	19.97	15.70	17.87	19.39	14.98	17.06	19.72	14.91	17.09
12	19.57	15.19	17.40	19.79	15.54	17.65	19.76	15.39	17.46	19.91	15.36	17.34
13	19.32	15.29	17.32	19.60	15.44	17.43	19.88	15.59	17.48	19.26	15.37	17.31
14	18.94	15.16	16.99	19.89	15.58	17.63	19.70	16.15	17.86	19.49	15.25	17.12
15	18.91	15.45	17.09	19.72	15.84	17.72	19.40	15.88	17.57	19.76	15.87	17.62
16	18.84	15.34	16.93	19.46	15.87	17.60	19.43	15.99	17.52	19.74	15.96	17.64
17	18.60	15.49	16.90	19.32	15.77	17.38	19.48	15.93	17.43	19.47	15.44	17.26
18	19.46	16.53	17.91	18.94	15.49	17.16	19.00	16.36	17.80	19.28	15.16	17.23
19	19.50	15.55	17.29	19.01	16.14	17.54	19.93	16.50	18.24	19.40	15.14	17.31
20	19.08	16.21	17.60	19.29	15.99	17.41	19.68	15.58	17.59	19.81	15.17	17.48
21	19.79	15.83	17.83	19.12	16.16	17.66	19.40	15.26	17.45	20.02	14.76	17.30
22	19.92	15.60	17.67	19.60	15.79	17.70	20.33	15.20	17.67	20.57	14.91	17.60
23	19.84	15.34	17.47	19.57	15.54	17.49	20.50	15.41	18.01	21.19	15.63	18.40
24	18.85	14.69	16.67	19.95	15.45	17.81	20.43	15.00	17.69	20.90	15.37	18.20
25	19.93	14.69	17.40	20.35	15.71	18.07	20.39	14.74	17.46	20.77	15.05	17.85
26	20.38	15.70	18.06	20.88	15.80	18.33	20.44	14.70	17.35	20.67	15.09	17.75
27	20.51	15.78	18.14	21.07	16.16	18.59	20.32	14.77	17.34	20.53	15.31	17.70
28	20.42	15.64	17.91	21.28	16.46	18.76	20.33	15.12	17.47	20.79	16.21	18.34
29	---	---	---	20.66	16.07	18.55	20.07	15.23	17.39	20.84	15.45	17.90
30	---	---	---	20.48	15.58	17.85	20.09	15.01	17.16	19.62	15.39	17.68
31	---	---	---	20.27	15.74	17.87	---	---				

SANTEE RIVER BASIN

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1979 to current year.

INSTRUMENTATION.--USGS mini-monitor.

REMARKS.--Specific conductance values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 63,800 microsiemens, June 28, 1980; minimum, 100 or less microsiemens many days each year.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,300 microsiemens, May 26; minimum, 100 or less microsiemens, many days throughout the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13300	7700	10700	10000	3100	4830	24800	3500	6780	800	400	556
2	10200	6700	8300	10300	2700	4850	13800	1900	4520	700	300	521
3	8700	5700	6770	15000	3900	6160	2600	500	1330	800	400	537
4	12400	5100	7120	14000	3700	6180	4100	500	1250	700	300	510
5	11100	4400	6120	15000	3400	6030	3700	400	1210	700	100	404
6	8400	2800	4860	12700	2800	5370	22100	1100	3060	500	200	315
7	5000	1100	3010	21300	2900	5280	14400	600	1830	600	200	335
8	10000	1500	3670	17900	4000	6990	26400	1200	9110	700	200	371
9	10900	2700	4410	12300	4400	8110	30100	3800	11800	600	200	337
10	2900	400	1260	20900	5300	10800	16600	3000	6200	800	100	392
11	2000	300	892	21700	5000	10500	7300	1000	3290	1000	200	479
12	1500	300	742	28300	4700	9200	17700	700	3140	1000	200	527
13	1200	400	681	44100	3900	11200	2600	700	1630	1000	200	517
14	1100	300	615	38400	3600	10200	1700	500	1120	1000	200	542
15	1000	400	585	26400	3300	7850	1600	400	942	900	200	481
16	1000	400	642	6200	2300	3680	1400	500	812	700	100	381
17	1100	300	652	6900	800	2850	1200	400	754	600	100	310
18	1300	400	687	10400	2500	4310	1000	400	700	500	100	304
19	1600	300	829	10800	2100	4160	900	400	610	1300	100	354
20	2300	400	1280	8400	2100	3960	900	400	629	1100	200	475
21	2700	400	1320	23500	1000	3020	800	400	619	600	100	352
22	2700	400	1490	26300	5200	12300	6700	500	1700	500	100	304
23	3500	500	1610	22200	5200	10100	13200	900	3250	4900	200	1040
24	4900	500	1860	26900	4200	11100	9100	900	2790	8500	700	2420
25	6900	600	2110	27200	3700	9730	2200	500	883	2100	200	646
26	11400	1200	3760	29400	3100	8150	1000	400	631	900	200	398
27	10800	2000	4180	29900	2900	9560	900	400	571	600	200	356
28	6400	1200	2610	20500	4700	8350	900	400	575	600	100	340
29	16600	2200	6220	29700	3500	7640	900	400	546	500	100	283
30	21300	3200	10200	22500	5000	10100	900	300	525	1100	200	365
31	17900	3500	6790	---	---	---	800	300	498	1800	200	512
MONTH	21300	300	3420	44100	800	7420	30100	300	2360	8500	100	505

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE. SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	3900	200	1010	400	100	229	400	100	215	15700	5700	11000
2	3100	200	781	400	100	208	500	100	240	18300	5400	12100
3	700	100	375	300	100	196	600	100	294	25200	3800	10400
4	800	100	383	400	100	225	600	100	302	13700	3500	7760
5	12800	200	2230	300	100	183	600	100	287	5800	700	3150
6	2500	300	929	400	100	208	600	100	275	23100	1900	7330
7	600	100	285	300	100	223	600	100	267	24700	5700	16400
8	800	100	310	300	100	237	3900	200	852	20700	6700	11000
9	500	100	262	400	100	215	1000	100	410	15700	4300	6620
10	400	100	265	400	100	223	500	100	258	5000	500	2820
11	1300	100	381	500	100	265	500	100	256	8600	1600	2940
12	700	200	362	600	100	271	600	100	269	17200	1700	5520
13	500	100	285	500	100	279	2000	100	367	14900	3800	6600
14	500	100	262	500	100	265	13500	100	1650	19800	4800	9820
15	500	100	285	500	100	250	500	100	254	27100	8400	13700
16	500	100	306	500	100	265	800	100	279	15400	5700	9840
17	700	100	354	600	100	310	1000	100	406	8100	1900	4720
18	23800	100	6970	600	100	323	15600	100	4480	17300	2100	5450
19	8600	1000	3230	600	100	319	23200	1000	6920	18100	2000	5890
20	7500	400	1450	1100	100	442	10600	500	3010	6700	2100	4470
21	13800	700	4140	1400	200	594	400	100	246	12800	1000	2860
22	3000	100	879	500	100	269	600	100	244	37500	1700	8610
23	800	100	360	500	100	233	1200	100	537	49100	5300	22700
24	900	100	471	400	100	200	1000	100	435	44200	13300	26200
25	1000	100	423	400	100	177	13900	100	1100	47100	15900	27700
26	800	200	392	400	100	217	28500	100	2420	49300	19000	28700
27	600	100	298	500	100	267	21700	400	3040	37000	16700	24600
28	500	100	250	400	100	229	24300	700	3490	24700	12800	19100
29	---	---	---	300	100	215	15600	1200	6840	26900	10000	14900
30	---	---	---	300	100	217	20900	4500	9690	25300	10700	15000
31	---	---	---	400	100	208	---	---	---	27100	13500	20900
MONTH	23800	100	997	1400	100	257	28500	100	1640	49300	500	11900
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	27400	15400	22200	27700	17000	22200	---	---	---	---	---	---
2	24300	11300	16900	40500	20800	26700	---	---	---	---	---	---
3	17200	9200	11600	43200	24100	31900	---	---	---	---	---	---
4	14200	8900	11100	38100	22300	31600	---	---	---	---	---	---
5	31400	10000	16900	35300	25500	30800	---	---	---	---	---	---
6	24900	10400	17300	40400	26200	31600	---	---	---	---	---	---
7	20500	8100	12700	42400	25500	34000	---	---	---	---	---	---
8	15100	6600	8760	43700	29500	36500	---	---	---	---	---	---
9	15800	4700	7240	39000	31100	35500	---	---	---	---	---	---
10	12100	3600	5590	37300	28400	32900	---	---	---	---	---	---
11	25400	3900	11900	38200	27400	32400	---	---	---	---	---	---
12	28900	10400	17800	36100	25700	31500	---	---	---	---	---	---
13	27300	13600	20600	38700	25700	30900	---	---	---	---	---	---
14	25900	15600	20600	37700	26100	33100	---	---	---	---	---	---
15	26100	13000	20800	38600	25100	33300	---	---	---	---	---	---
16	25500	12000	19600	36800	23400	32400	---	---	---	---	---	---
17	22300	11900	17700	36500	26100	31600	---	---	---	---	---	---
18	29300	10000	16200	42100	28500	33900	---	---	---	25600	7000	14200
19	32100	7300	12200	46600	30100	35300	---	---	---	21600	9000	15900
20	43000	7000	13500	44800	26300	35500	---	---	---	19700	8700	13900
21	40600	5900	12500	44300	29700	36600	---	---	---	16800	7300	12200
22	13400	4500	6750	45700	30400	36400	---	---	---	24100	5700	9310
23	26000	500	4570	45100	27800	36900	---	---	---	21400	4800	7900
24	38900	1900	8690	---	---	---	---	---	---	28700	4700	11500
25	38500	4300	16200	---	---	---	---	---	---	23600	5100	11300
26	32400	10900	21800	---	---	---	---	---	---	22700	6200	13200
27	29400	14400	23600	---	---	---	---	---	---	25100	7900	15300
28	29100	15400	23100	---	---	---	---	---	---	23700	11700	18100
29	26600	17400	22500	---	---	---	---	---	---	27900	13300	19900
30	25000	16500	21200	---	---	---	---	---	---	26100	11600	18100
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	43000	500	15400	46600	17000	32800	---	---	---	28700	4700	13900
YEAR	49300	100	7340									

SANTEE RIVER BASIN

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°09'15'', long 79°21'16'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Coastal Reserve, 0.8 mi upstream from Pleasant Creek, 2.1 mi upstream of Atlantic Intracoastal Waterway, 8.2 mi northeast of McClellanville, and at mile 7.2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--March 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below National Geodetic Vertical Datum 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 redirection from St. Stephens powerplant (see sta. 02171645). Gage was destroyed by hurricane Hugo, therefore, no data are available for the period Oct. 1 to Dec. 8, 1989.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.97 ft, Mar. 28, 1990, but may have been higher during period of no gage-height record Sept. 21- 22, 1989; minimum, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.97 ft, Mar. 28; minimum, 17.98 ft, Jan. 26.

GAGE HEIGHT (FEET ABOVE DATUM), OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	22.64	18.62	20.46
2	---	---	---	---	---	---	---	---	---	23.20	19.01	20.85
3	---	---	---	---	---	---	---	---	---	22.83	18.93	20.70
4	---	---	---	---	---	---	---	---	---	22.80	18.81	20.68
5	---	---	---	---	---	---	---	---	---	22.93	18.78	20.61
6	---	---	---	---	---	---	---	---	---	23.25	19.02	20.98
7	---	---	---	---	---	---	---	---	---	23.70	19.42	21.55
8	---	---	---	---	---	---	---	---	---	24.37	18.95	21.52
9	---	---	---	---	---	---	24.28	19.22	22.05	23.79	18.65	21.24
10	---	---	---	---	---	---	24.17	19.00	21.75	23.60	18.71	20.97
11	---	---	---	---	---	---	24.41	19.07	21.68	24.05	18.65	21.35
12	---	---	---	---	---	---	24.46	18.82	21.71	23.68	18.62	20.82
13	---	---	---	---	---	---	24.35	19.06	21.46	23.71	18.46	20.96
14	---	---	---	---	---	---	24.00	18.68	21.16	23.61	18.94	21.13
15	---	---	---	---	---	---	24.09	18.79	21.27	23.29	18.99	20.97
16	---	---	---	---	---	---	23.40	18.81	20.95	22.72	18.95	20.73
17	---	---	---	---	---	---	23.60	19.23	21.15	22.56	19.14	20.77
18	---	---	---	---	---	---	22.95	19.19	21.03	22.68	19.13	20.81
19	---	---	---	---	---	---	23.29	19.69	21.32	22.39	19.27	20.77
20	---	---	---	---	---	---	22.67	19.40	21.05	23.31	19.36	21.10
21	---	---	---	---	---	---	23.23	19.49	21.26	22.74	18.58	20.53
22	---	---	---	---	---	---	23.10	19.47	21.23	22.15	18.85	20.41
23	---	---	---	---	---	---	23.43	19.56	21.24	23.01	18.91	20.84
24	---	---	---	---	---	---	23.31	19.54	21.27	23.40	18.95	21.11
25	---	---	---	---	---	---	24.01	19.54	21.73	23.51	19.00	21.10
26	---	---	---	---	---	---	23.14	19.20	21.00	22.72	17.98	20.17
27	---	---	---	---	---	---	23.65	19.04	21.30	23.29	18.16	20.63
28	---	---	---	---	---	---	23.02	18.87	20.82	23.33	18.53	20.81
29	---	---	---	---	---	---	23.46	19.05	20.98	23.46	18.58	20.92
30	---	---	---	---	---	---	23.49	18.96	21.03	23.26	18.28	20.59
31	---	---	---	---	---	---	23.72	19.14	21.22	23.37	18.60	20.80
MONTH	---	---	---	---	---	---	24.46	18.68	21.29	24.37	17.98	20.87

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE. SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	23.26	18.80	20.97	24.49	20.13	22.18	23.95	19.82	21.67	23.46	18.93	21.07
2	23.31	18.73	20.80	24.43	20.22	22.20	23.94	19.85	21.76	23.47	19.23	21.33
3	22.99	18.79	20.70	24.20	20.09	21.95	23.51	19.66	21.42	23.45	19.21	21.45
4	23.25	18.60	20.85	23.90	20.69	22.15	23.45	19.52	21.56	23.24	18.98	21.25
5	23.30	19.26	21.09	24.18	20.48	22.23	23.32	19.50	21.54	23.11	18.76	20.96
6	23.91	19.19	21.53	23.97	20.08	22.03	23.23	19.30	21.31	23.75	18.63	21.01
7	23.90	19.01	21.30	24.25	20.19	22.50	23.37	19.10	21.15	23.76	19.09	21.40
8	23.87	18.75	21.43	24.24	20.69	22.40	23.93	19.31	21.63	23.60	18.71	21.02
9	23.79	18.98	21.33	24.07	20.03	21.91	23.83	19.46	21.58	23.81	18.82	21.09
10	23.74	18.82	21.13	23.72	19.47	21.52	23.54	19.05	21.25	23.16	18.92	21.12
11	24.07	18.72	21.46	23.70	19.57	21.65	23.17	18.69	20.77	23.53	18.38	20.72
12	23.29	18.81	21.08	23.54	19.36	21.41	23.51	19.05	21.11	23.66	18.79	20.97
13	23.10	18.92	20.97	23.35	19.24	21.16	23.60	19.24	21.13	23.02	18.87	20.93
14	22.72	18.83	20.65	23.62	19.35	21.33	23.43	19.76	21.52	23.25	18.71	20.73
15	22.70	19.09	20.74	23.49	19.57	21.43	23.12	19.55	21.23	23.54	19.32	21.24
16	22.64	19.00	20.58	23.16	19.54	21.29	23.17	19.59	21.16	23.50	19.38	21.27
17	22.34	19.12	20.51	23.09	19.45	21.05	23.20	19.62	21.10	23.23	18.97	20.90
18	22.97	20.09	21.49	22.77	19.21	20.81	22.79	19.89	21.40	23.00	18.59	20.84
19	23.26	19.17	20.94	22.79	19.75	21.18	23.61	20.02	21.90	23.24	18.52	20.93
20	22.77	19.73	21.21	22.96	19.50	21.03	23.40	19.19	21.26	23.59	18.65	21.13
21	23.52	19.45	21.49	22.80	19.75	21.31	23.17	18.94	21.14	23.80	18.18	20.95
22	23.69	19.30	21.39	23.31	19.49	21.39	24.06	18.88	21.37	24.25	18.29	21.18
23	23.67	19.07	21.21	23.36	19.28	21.23	24.26	19.05	21.74	24.94	19.01	22.03
24	22.62	18.44	20.41	23.72	19.22	21.56	24.21	18.67	21.43	24.65	18.78	21.86
25	23.69	18.49	21.13	24.06	19.56	21.87	24.17	18.44	21.19	24.52	18.50	21.49
26	24.09	19.35	21.78	24.59	19.75	22.16	24.17	18.34	21.05	24.42	18.54	21.40
27	24.21	19.76	21.97	24.78	20.26	22.48	24.10	18.38	21.03	24.26	18.82	21.39
28	24.17	19.62	21.79	24.97	20.48	22.65	24.04	18.58	21.13	24.49	19.71	22.00
29	---	---	---	24.41	20.24	22.51	23.84	18.66	21.02	24.55	18.85	21.55
30	---	---	---	24.19	19.57	21.74	23.79	18.55	20.79	23.43	18.81	21.28
31	---	---	---	24.02	19.62	21.68	---	---	---	23.65	19.41	21.66
MONTH	24.21	18.44	21.14	24.97	19.21	21.74	24.26	18.34	21.31	24.94	18.18	21.23
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.68	19.59	21.66	23.21	18.62	20.82	23.63	19.38	21.42	23.96	19.66	21.79
2	23.19	19.09	21.20	23.69	19.18	21.33	23.81	19.75	21.69	24.14	19.55	21.87
3	23.41	18.87	21.07	23.88	19.97	21.78	23.80	19.67	21.70	24.05	19.24	21.73
4	23.31	18.58	20.87	23.69	19.39	21.53	23.77	19.08	21.37	24.25	19.26	21.82
5	24.08	19.05	21.49	23.43	18.77	21.02	23.84	18.98	21.30	24.21	19.42	21.93
6	23.77	19.11	21.45	23.75	18.84	21.03	23.86	18.81	21.21	24.03	19.28	21.77
7	23.36	18.64	20.87	23.93	19.21	21.40	23.79	18.90	21.23	23.92	19.09	21.50
8	23.53	18.71	20.85	23.98	19.18	21.52	23.80	18.94	21.33	23.88	18.81	21.35
9	23.50	19.00	20.99	23.64	18.97	21.20	23.71	19.05	21.38	24.31	19.14	21.81
10	23.30	18.78	20.73	23.38	18.67	20.82	23.77	18.90	21.40	24.24	19.29	21.83
11	23.84	18.79	21.18	23.29	18.53	20.72	23.66	18.92	21.33	24.18	19.29	21.81
12	24.03	19.29	21.54	23.02	18.48	20.60	23.65	18.77	21.22	24.16	19.69	22.01
13	23.82	19.66	21.69	23.26	18.38	20.70	23.58	18.69	21.10	24.21	19.55	21.98
14	23.79	19.37	21.47	23.44	18.76	21.02	23.62	18.57	21.08	24.24	19.59	22.05
15	23.63	19.35	21.73	23.21	18.40	20.81	23.67	18.42	20.97	24.03	19.30	21.91
16	24.09	19.92	22.22	23.23	18.41	20.69	23.90	18.56	21.22	24.35	19.55	22.04
17	24.07	19.63	22.06	23.52	18.24	20.75	24.12	18.97	21.58	24.54	19.76	22.29
18	24.27	19.16	21.92	23.55	18.20	20.81	24.30	18.89	21.65	24.26	19.85	22.28
19	24.30	18.84	21.74	23.87	18.23	20.91	24.18	18.91	21.62	24.21	19.76	22.10
20	24.66	18.82	21.78	24.01	18.29	20.98	24.00	18.79	21.46	24.00	19.59	21.87
21	24.50	18.70	21.70	23.88	18.17	20.89	24.06	18.95	21.50	24.16	19.59	21.95
22	24.35	18.51	21.42	24.05	18.31	20.93	24.12	19.39	21.89	23.77	19.54	21.56
23	24.27	18.41	21.23	24.13	18.72	21.28	24.04	19.71	21.91	23.82	19.27	21.57
24	24.28	18.66	21.29	23.95	19.02	21.45	23.84	19.36	21.66	23.76	19.80	21.63
25	24.18	18.89	21.39	24.00	19.19	21.69	23.42	19.31	21.26	23.34	19.60	21.40
26	24.00	19.18	21.54	23.98	19.49	21.98	23.19	19.07	21.09	23.07	19.55	21.23
27	23.72	19.13	21.38	23.94	19.93	22.06	23.19	19.16	21.13	23.15	19.32	21.17
28	23.57	18.89	21.09	23.74	19.89	22.00	23.36	19.40	21.33	23.34	19.79	21.47
29	23.08	18.81	20.95	23.88	19.97	21.97	23.33	19.62	21.38	23.55	19.88	21.69
30	22.92	18.58	20.73	23.52	19.69	21.66	23.52	19.74	21.53	23.68	19.54	21.66
31	---	---	---	23.26	19.35	21.24	23.73	19.88	21.79	---	---	---
MONTH	24.66	18.41	21.37	24.13	18.17	21.21	24.30	18.42	21.41	24.54	18.81	21.77
YEAR	24.97	17.98	21.34									

SANTEE RIVER BASIN

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1987 to current year.

INSTRUMENTATION.--USGS mini-monitor.

REMARKS.--Specific conductance values less than 100 microsiemens are not recordable. Gage and pier structure was destroyed by Hurrican Hugo, therefore, no data are available for Oct. 1, 1989 to Dec. 9, 1989.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 45,700 microsiemens, July 27, 31, 1988; minimum, 100 or less microsiemens, March 10-12, 22, Apr. 9, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 44,100 microsiemens, May 23; minimum, 100 or less microsiemens, many days during the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	600	200	300
2	---	---	---	---	---	---	---	---	---	700	100	325
3	---	---	---	---	---	---	---	---	---	700	300	454
4	---	---	---	---	---	---	---	---	---	600	300	471
5	---	---	---	---	---	---	---	---	---	600	300	456
6	---	---	---	---	---	---	---	---	---	500	200	290
7	---	---	---	---	---	---	---	---	---	800	200	362
8	---	---	---	---	---	---	---	---	---	700	200	348
9	---	---	---	---	---	---	400	200	248	700	200	283
10	---	---	---	---	---	---	400	100	244	500	100	250
11	---	---	---	---	---	---	700	200	260	600	200	262
12	---	---	---	---	---	---	1000	200	281	700	200	260
13	---	---	---	---	---	---	300	200	248	700	200	279
14	---	---	---	---	---	---	600	200	269	800	100	265
15	---	---	---	---	---	---	400	100	256	700	100	208
16	---	---	---	---	---	---	400	200	223	300	100	200
17	---	---	---	---	---	---	400	200	225	300	100	192
18	---	---	---	---	---	---	500	200	235	300	100	177
19	---	---	---	---	---	---	400	200	237	400	100	219
20	---	---	---	---	---	---	500	100	244	300	200	235
21	---	---	---	---	---	---	400	100	233	300	100	196
22	---	---	---	---	---	---	300	200	231	300	100	206
23	---	---	---	---	---	---	400	200	225	200	100	183
24	---	---	---	---	---	---	400	200	262	300	100	200
25	---	---	---	---	---	---	700	200	298	200	100	192
26	---	---	---	---	---	---	1100	200	348	1000	200	277
27	---	---	---	---	---	---	1200	200	344	400	100	219
28	---	---	---	---	---	---	1200	200	337	300	100	204
29	---	---	---	---	---	---	1000	200	277	300	100	200
30	---	---	---	---	---	---	900	100	285	300	100	212
31	---	---	---	---	---	---	700	200	298	300	100	217
MONTH	---	---	---	---	---	---	1200	100	266	1000	100	263

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCELLANVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	700	100	212	200	100	181	1500	100	327	7500	200	2600
2	400	100	204	200	100	181	700	100	235	8700	100	2040
3	1000	100	225	200	100	196	1000	100	256	2400	100	490
4	600	100	200	200	100	162	400	100	206	1000	100	298
5	300	100	192	200	100	169	400	100	198	5800	100	1480
6	300	100	192	200	100	160	300	100	169	15500	200	4900
7	400	100	204	200	100	187	300	100	192	14300	400	5570
8	400	100	208	200	100	165	300	100	208	5300	200	1560
9	200	100	183	200	100	175	300	100	212	3900	100	808
10	300	100	194	200	100	177	300	100	187	2700	100	554
11	300	100	202	200	100	150	300	100	183	3700	100	612
12	300	100	204	---	---	---	300	100	179	5400	100	954
13	300	100	187	200	100	154	300	100	183	6900	200	1800
14	300	100	183	300	100	179	200	100	183	14400	200	3690
15	400	100	187	200	100	160	200	100	158	13100	300	3470
16	300	100	175	200	100	165	200	100	148	7800	100	1300
17	300	100	187	200	100	154	200	100	150	3700	100	1060
18	200	100	181	200	100	165	200	100	140	5800	100	1540
19	400	100	210	200	100	148	200	100	156	3900	100	1010
20	300	100	204	200	100	154	200	100	152	4900	100	1220
21	200	100	187	200	100	162	400	100	187	8300	100	2090
22	300	200	217	200	100	150	500	100	200	14000	200	3370
23	400	200	221	200	100	146	300	100	212	44100	300	11000
24	300	200	212	200	100	154	300	100	212	40100	700	12300
25	200	200	200	200	100	154	700	100	248	39700	1400	12200
26	300	200	204	200	100	158	2700	100	450	32900	3300	13800
27	300	100	187	200	100	160	3000	100	533	28600	1000	10400
28	200	100	179	200	100	154	5000	100	835	21100	800	6480
29	---	---	---	200	100	152	5600	200	1130	15000	800	3940
30	---	---	---	900	100	217	6900	200	1950	7000	600	3190
31	---	---	---	1000	100	296	---	---	---	11600	2000	6750
MONTH	1000	100	198	1000	100	169	6900	100	326	44100	100	3950
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	13000	2200	7130	14500	8220	11900	---	---	---	10300	200	2690
2	7700	500	3190	15600	12200	13900	19300	1800	9340	18500	300	4050
3	6000	500	2400	17300	13700	15000	14900	1300	7730	10600	200	2730
4	9200	700	3900	19300	13600	16900	18200	1500	8150	10000	200	2390
5	14800	600	5830	20100	13700	17700	21600	2000	11000	15200	300	4040
6	8700	900	4460	23800	14000	17400	24800	3300	13500	15100	500	6230
7	5400	800	2550	23600	14700	18100	28400	4100	15700	17500	500	5730
8	4500	500	1960	21400	14600	17200	26400	4700	16200	10000	300	3400
9	4700	400	1810	24700	14400	19200	25100	2200	13200	12900	200	3320
10	5700	600	1960	23700	15900	19500	24000	1800	11700	9500	300	2360
11	10500	1300	3530	23000	17400	19900	22000	1600	12000	6400	200	1610
12	10100	2800	5350	24600	19300	21500	19100	1100	8620	5300	200	1240
13	25000	3500	6800	28000	20600	22300	15800	500	5760	4200	200	919
14	17500	1500	9400	28600	21400	24200	12600	400	4620	4900	200	1150
15	20200	7130	14200	29700	21800	24500	14100	400	5230	6600	200	1990
16	20500	1170	10700	24500	19400	22400	23500	1100	10200	16000	300	3600
17	12400	4670	8650	28600	16800	24300	31200	2000	15000	14300	200	3780
18	9570	1840	5560	32900	11800	22500	35200	2400	16600	12300	300	3910
19	8860	1730	5200	33400	9720	21700	32100	4200	17500	12800	500	5210
20	8270	3020	6180	34200	11200	23000	30000	4100	17400	11200	500	4030
21	9030	3710	5850	25900	10700	19400	28800	3800	15100	10100	300	2840
22	6340	4700	5270	---	---	---	25600	1800	12200	4200	200	927
23	4720	3480	3990	---	---	---	21600	1900	9990	2100	200	506
24	3930	3260	3620	---	---	---	17000	1100	6810	1200	200	352
25	5470	3350	4160	---	---	---	12900	800	5070	3900	200	979
26	8450	3840	5890	---	---	---	14000	800	5670	9700	300	2880
27	9260	3820	6710	---	---	---	17400	900	8870	14100	400	5770
28	9740	4570	7050	---	---	---	20400	2800	9940	18700	500	6290
29	15700	5350	8260	---	---	---	17300	600	5930	14900	400	6180
30	9480	6540	7880	---	---	---	13300	300	3640	33300	400	8670
31	---	---	---	---	---	---	9100	200	2810	---	---	---
MONTH	25000	400	5650	34200	8220	19600	35200	200	10200	33300	200	3330
YEAR	44100	100	4030									

COOPER RIVER BASIN

02172000 LAKE MOULTRIE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at powerplant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northeast of Pinopolis.

PERIOD OF RECORD.--January 1941 to current year. Prior to October 1942, published as Pinopolis Reservoir.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1924 (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 (see sta 02170500) from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 32,400,000,000 ft³ between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 18,040,000,000 ft³. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 78.30 ft, Sept. 21, 1989 (affected by high winds); minimum, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.63 ft, Mar. 18; minimum, 70.23 ft, Jan. 5.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)

68.0 ft	12.74 ft ³
70.0 ft	16.73 ft ³
72.0 ft	20.08 ft ³

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.88	74.52	73.96	71.74	72.30	74.44	75.45	74.96	74.86	74.52	74.15	74.71
2	75.35	74.45	73.76	70.96	72.34	74.67	75.29	74.80	75.07	74.59	74.36	74.56
3	74.66	74.44	73.43	70.65	72.31	74.88	75.17	74.93	75.31	74.55	74.44	74.55
4	73.83	74.53	73.47	70.25	72.53	74.94	74.90	74.91	75.21	74.58	74.46	74.67
5	72.86	74.72	73.86	71.33	72.34	74.97	75.08	75.26	75.35	74.61	74.47	74.73
6	72.08	74.83	73.89	71.63	72.31	74.92	75.08	75.38	75.32	74.51	74.66	74.45
7	71.97	74.78	73.77	71.60	72.51	74.84	75.21	75.17	75.14	74.47	74.64	74.42
8	72.19	74.85	73.57	71.83	72.50	74.90	75.13	75.06	74.99	74.41	74.85	74.39
9	72.26	74.81	73.60	71.83	72.61	75.09	75.21	74.92	75.08	74.44	74.72	74.48
10	72.46	74.68	73.63	71.75	72.82	75.36	75.15	74.94	75.18	74.30	74.74	74.37
11	72.82	74.52	73.43	72.06	72.85	75.48	75.33	75.03	75.33	74.24	74.59	74.31
12	73.20	74.47	73.36	72.39	72.79	75.51	75.17	75.13	75.39	74.33	74.54	74.30
13	73.63	74.25	73.01	71.93	72.78	75.52	74.98	75.28	75.44	74.23	74.36	74.25
14	73.81	74.31	72.90	71.82	72.61	75.61	74.87	75.01	75.26	74.35	74.52	74.42
15	73.92	74.26	72.79	71.78	72.44	75.55	74.99	74.96	75.21	74.38	74.56	74.32
16	74.10	74.06	72.79	71.72	72.44	75.54	74.84	75.01	75.32	74.32	74.68	74.41
17	74.47	73.93	72.85	71.65	72.41	75.57	74.85	74.98	75.29	74.29	74.68	74.66
18	74.72	74.07	72.95	71.81	72.56	75.59	74.89	74.90	75.03	74.41	74.79	74.78
19	74.88	74.32	72.86	71.90	72.64	75.40	74.69	74.85	74.84	74.43	74.82	74.77
20	74.83	74.54	72.91	71.90	72.65	75.06	74.64	74.72	74.72	74.25	74.70	74.70
21	74.77	74.44	73.02	72.40	72.60	74.86	74.65	74.84	74.58	74.39	74.60	74.39
22	74.74	74.20	73.03	72.12	72.78	74.74	74.78	75.05	74.69	74.45	74.72	74.24
23	74.80	74.23	72.92	72.16	73.16	74.64	74.94	75.04	74.77	74.16	74.60	74.43
24	74.86	74.08	72.64	72.14	73.43	74.67	74.96	75.03	74.86	74.29	74.61	74.64
25	74.84	74.18	72.71	72.51	73.66	74.81	74.88	74.92	74.90	74.37	74.68	74.72
26	74.56	74.54	72.74	72.50	73.73	75.00	74.80	74.58	74.89	74.43	74.75	74.78
27	74.56	74.50	72.74	72.56	74.04	75.22	74.80	74.56	74.83	74.38	74.59	74.65
28	74.99	74.50	72.65	72.92	74.30	75.33	75.01	74.87	74.76	74.44	74.40	74.72
29	75.11	74.45	72.60	72.99	---	75.53	75.15	75.07	74.70	74.47	73.90	74.58
30	74.85	74.12	72.48	72.66	---	75.49	75.07	75.10	74.69	74.39	74.70	74.76
31	74.63	---	72.45	72.64	---	75.55	---	75.14	---	74.08	74.68	---
MAX	75.35	74.85	73.96	72.99	74.30	75.61	75.45	75.38	75.44	74.61	74.85	74.78
MIN	71.97	73.93	72.45	70.25	72.30	74.44	74.64	74.56	74.58	74.08	73.90	74.24
[+]	27.30	26.09	22.15	22.59	26.52	29.46	28.33	28.50	27.44	26.00	27.41	27.60
[*]	-164	-467	-1471	164	1625	1098	-436	64	-409	-538	526	73
CAL YR 1989	* -18.7											
WTR YR 1990	* -4.4											
MAX	75.35											
MIN	70.25											

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

COOPER RIVER BASIN

241

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 Oct. 1988 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 5.00 ft below National Geodetic Vertical Datum of 1929. Prior to Mar. 17, 1986, at same site at datum 5.00 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, 12.75 ft, May 26, 1990; minimum gage height, 2.47 ft, Jan. 4, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.75 ft, May 26; minimum gage height, 2.80 ft, Jan. 22.

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	11.00	7.72	9.32	8.49	5.47	7.28	10.21	5.40	8.06	7.53	3.65	5.94
2	11.99	6.58	10.18	10.15	5.10	7.41	8.90	4.77	6.86	9.21	5.23	7.32
3	11.90	10.75	11.56	9.37	5.14	7.44	8.85	4.09	6.79	8.48	4.19	6.35
4	11.95	11.32	11.64	8.67	5.92	7.50	9.30	5.18	7.27	10.14	5.25	7.54
5	11.96	11.36	11.66	8.92	5.87	7.17	9.37	3.01	6.07	9.61	4.49	7.17
6	11.63	7.35	10.76	8.97	5.06	7.00	8.74	4.47	6.41	7.35	3.98	6.07
7	10.33	6.11	8.11	9.07	5.42	7.15	8.39	4.11	6.21	10.22	3.85	7.68
8	11.01	6.08	8.55	10.28	5.08	7.18	10.12	4.07	7.96	9.58	5.15	7.20
9	11.23	6.76	9.22	10.13	5.58	7.95	10.63	5.13	8.08	9.32	4.29	6.72
10	10.83	6.43	9.19	10.11	4.96	7.57	8.35	5.16	7.11	8.98	4.24	6.76
11	11.02	6.18	9.36	10.05	4.41	7.32	9.78	4.91	7.19	10.15	3.88	7.27
12	10.70	6.00	8.03	8.36	4.78	6.85	8.71	4.47	6.93	9.47	4.24	7.56
13	9.51	5.37	7.51	10.20	4.04	7.91	10.53	4.88	8.19	9.06	5.00	7.34
14	10.99	5.34	8.53	8.92	5.26	7.36	8.67	5.06	7.20	8.68	4.75	6.83
15	11.11	5.39	8.36	9.43	4.47	7.13	8.91	5.00	7.09	8.49	4.29	6.44
16	10.41	5.07	7.96	8.89	4.51	7.17	7.81	4.25	6.59	7.84	4.43	6.42
17	10.02	4.97	7.61	8.85	4.04	6.46	8.03	4.60	6.60	8.21	4.55	6.64
18	9.73	4.42	7.13	7.50	4.02	6.20	9.08	5.85	7.47	9.03	4.57	7.19
19	9.72	5.18	7.19	7.60	3.78	6.03	9.99	5.75	8.57	9.90	4.62	7.16
20	9.46	3.63	6.52	9.07	3.44	6.22	9.36	4.82	6.69	9.34	4.81	7.07
21	7.89	4.14	6.23	8.70	3.02	5.79	9.86	4.61	6.70	7.16	4.24	5.94
22	8.67	4.40	6.43	9.44	4.28	6.70	9.59	4.25	6.70	11.24	2.80	7.33
23	10.12	4.90	6.98	9.75	5.01	7.51	9.58	5.27	7.72	9.50	4.48	6.24
24	9.21	5.07	6.95	10.34	5.00	7.83	10.05	5.55	8.09	9.11	3.75	6.41
25	9.93	5.40	7.26	9.48	5.27	7.00	9.22	5.53	6.95	8.81	4.28	6.37
26	10.68	5.80	8.94	8.19	4.63	6.64	7.39	4.27	6.14	9.45	3.13	6.59
27	10.12	6.00	8.34	8.54	4.36	6.63	7.51	3.23	6.14	9.42	2.88	6.20
28	9.62	5.74	7.35	8.27	4.38	6.53	7.62	3.19	5.84	8.83	3.18	6.02
29	9.47	5.49	7.49	8.51	3.78	6.60	9.25	3.43	6.24	8.53	4.28	6.61
30	10.04	5.84	8.17	8.56	5.41	7.25	7.75	3.17	6.08	10.50	5.08	7.20
31	10.73	5.93	8.36	---	---	---	7.65	3.60	6.17	9.96	4.94	7.28
MONTH	11.99	3.63	8.42	10.34	3.02	7.03	10.63	3.01	6.97	11.24	2.80	6.80

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.93	4.39	7.47	10.24	5.92	8.05	11.10	6.53	8.87	11.48	5.04	7.71
2	8.88	5.05	6.96	10.94	5.46	7.44	11.22	6.16	8.97	10.65	5.66	7.59
3	7.78	4.02	6.33	8.42	4.93	6.86	11.35	6.14	8.96	9.11	5.42	7.05
4	8.09	3.87	6.18	10.36	5.38	7.31	11.89	6.28	9.10	9.27	5.05	7.25
5	11.38	3.02	7.53	12.06	5.51	7.69	9.08	5.32	6.86	7.98	4.91	6.44
6	11.59	5.57	7.88	11.35	5.52	8.00	9.56	5.22	7.19	8.34	4.46	6.17
7	9.37	4.19	6.55	12.52	5.89	8.35	9.48	4.78	6.61	9.72	5.07	7.05
8	9.82	4.06	7.21	10.89	5.90	7.56	9.88	5.02	6.85	8.22	5.11	6.63
9	8.26	4.51	6.80	8.40	5.46	6.90	8.31	5.21	6.92	10.90	4.84	7.77
10	8.22	4.37	6.59	7.83	4.79	6.39	8.01	4.83	6.59	9.94	6.03	7.91
11	8.30	3.62	6.27	7.91	4.96	6.56	8.03	4.19	6.36	9.40	4.98	7.33
12	8.61	4.76	6.64	10.69	5.18	7.83	10.09	4.79	6.56	7.91	4.76	6.54
13	9.61	4.32	6.75	8.65	5.01	6.94	10.79	6.09	8.26	7.98	5.35	6.82
14	7.85	4.75	6.61	9.41	4.91	6.82	9.69	6.20	7.46	11.55	5.81	8.28
15	10.51	5.77	7.34	8.23	5.28	6.86	8.08	5.16	6.63	7.84	4.82	6.61
16	11.58	4.93	7.87	9.30	5.55	7.39	10.10	5.23	7.18	8.52	5.00	6.82
17	10.47	4.82	7.20	7.97	4.95	6.79	8.71	5.09	7.04	10.00	5.43	7.37
18	9.14	4.76	6.67	7.36	4.23	5.99	7.93	5.00	6.46	9.64	4.80	6.98
19	8.70	4.74	6.43	10.51	5.27	6.77	10.21	5.46	7.48	10.17	5.32	7.05
20	9.35	4.20	6.32	11.53	4.82	7.23	9.64	5.51	7.24	11.31	5.08	7.81
21	10.33	5.00	7.52	11.05	4.87	6.73	7.71	5.01	6.58	8.10	4.34	6.57
22	9.13	4.83	7.05	11.81	5.05	7.46	8.90	4.69	6.56	8.89	3.08	6.11
23	8.67	4.33	6.80	11.71	5.34	7.69	8.44	5.40	6.94	9.68	4.75	6.76
24	10.68	3.04	6.13	10.51	4.87	7.39	8.63	5.07	7.04	8.96	5.96	7.76
25	9.15	2.82	6.10	10.25	5.25	7.16	10.08	5.17	7.45	11.60	6.29	8.71
26	11.05	4.52	8.23	8.58	5.15	7.07	10.61	5.10	7.89	12.75	6.47	9.34
27	8.39	5.53	7.16	9.00	5.68	7.51	8.71	5.35	7.14	10.97	5.43	7.46
28	8.76	5.67	7.20	8.83	6.03	7.60	8.42	4.81	6.80	9.40	5.39	7.40
29	---	---	---	8.87	6.00	7.82	8.16	4.84	6.63	8.73	5.61	7.53
30	---	---	---	10.69	5.38	7.76	9.34	4.91	7.48	8.95	4.59	6.86
31	---	---	---	11.20	6.34	8.63	---	---	---	9.90	5.15	7.19
MONTH	11.59	2.82	6.92	12.52	4.23	7.31	11.89	4.19	7.27	12.75	3.08	7.25
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	11.07	5.85	8.53	10.89	4.99	7.42	8.94	4.26	6.59	8.67	5.20	6.91
2	7.95	6.14	7.16	8.96	3.98	6.32	9.09	5.32	6.82	11.03	5.68	8.16
3	7.87	4.89	6.66	10.75	4.97	7.03	9.39	5.58	7.19	10.21	5.82	7.62
4	10.86	4.83	7.68	9.16	5.77	7.36	8.67	5.61	7.31	8.49	5.40	7.18
5	8.71	4.78	6.44	9.82	5.44	7.08	9.55	5.26	6.96	9.35	5.46	7.65
6	9.52	5.65	7.35	11.22	4.88	7.95	8.09	5.02	6.83	11.82	5.56	8.75
7	10.24	5.27	7.83	9.74	5.34	7.64	9.11	5.07	7.23	12.09	5.49	8.30
8	10.80	4.81	7.37	8.48	5.53	7.16	10.02	5.23	7.85	11.58	4.81	7.96
9	9.08	4.82	6.95	10.73	5.29	7.28	11.09	5.30	8.34	9.65	4.82	7.27
10	11.11	4.55	6.87	11.91	4.83	7.81	11.19	5.19	8.12	11.54	4.96	7.84
11	7.73	4.08	6.35	11.70	4.91	7.51	11.64	5.00	8.18	10.57	4.93	7.60
12	8.13	5.11	6.85	10.29	4.29	6.66	10.44	4.75	7.79	10.07	5.21	7.42
13	9.08	5.45	7.53	8.97	3.94	6.62	10.48	4.62	7.92	9.77	6.14	7.62
14	11.35	5.30	8.28	9.10	4.59	6.87	8.81	3.99	6.76	---	---	---
15	11.15	6.44	8.74	9.25	3.95	6.83	8.26	3.87	6.46	---	---	---
16	9.19	5.64	7.59	11.02	3.35	6.55	8.54	4.58	6.80	---	---	---
17	9.78	6.32	7.76	10.24	5.45	7.70	10.33	5.32	7.36	---	---	---
18	12.29	6.16	8.90	8.95	3.23	6.33	8.57	5.68	7.16	---	---	---
19	11.41	6.47	8.56	8.99	4.84	6.70	9.33	5.49	7.58	---	---	---
20	10.23	5.74	7.40	12.61	4.90	8.10	11.35	5.43	8.13	---	---	---
21	12.02	5.10	7.17	9.23	5.59	6.96	11.52	5.35	8.11	---	---	---
22	12.09	5.47	7.25	10.54	4.54	6.96	9.92	5.48	7.63	---	---	---
23	8.78	3.96	6.66	11.98	4.63	8.52	12.47	5.73	8.62	---	---	---
24	8.28	4.75	6.77	11.33	5.35	7.69	9.88	5.59	7.85	---	---	---
25	8.75	5.02	7.03	9.91	5.18	7.52	9.39	5.23	7.17	---	---	---
26	8.60	5.18	7.23	9.51	5.47	7.52	10.39	4.44	6.98	---	---	---
27	10.96	5.17	8.15	10.38	5.70	8.19	11.96	4.35	7.84	---	---	---
28	11.26	5.01	8.08	9.45	5.57	7.52	11.95	4.59	7.72	---	---	---
29	11.30	4.92	8.08	10.09	5.68	7.66	9.23	5.37	7.27	---	---	---
30	9.49	5.01	7.32	11.53	5.51	8.12	8.00	4.86	6.71	---	---	---
31	---	---	---	11.37	6.31	8.55	9.03	5.37	7.14	---	---	---
MONTH	12.29	3.96	7.48	12.61	3.23	7.36	12.47	3.87	7.43	---	---	---

243

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11900	5380	10600	3450	6630	7980	11500	8930	10300	7710	3730	3300
2	17300	6150	4700	8190	6870	3500	11600	7240	4470	3430	3580	7470
3	23800	5830	8780	3990	4020	2000	13400	4510	4140	3730	5010	4640
4	23900	5570	7940	9650	3490	4780	13800	6420	8220	5300	4850	2880
5	23800	3880	3620	7760	9990	5650	2980	3390	3740	5860	3650	5140
6	20000	4190	3230	3340	8050	8530	5720	3140	5380	9520	3760	10400
7	10800	6330	3890	8380	4410	9270	5000	4920	9070	6610	4860	7380
8	12000	5920	8260	4700	7170	4420	4230	3790	8240	4680	7460	7830
9	12200	8470	7420	3940	4230	2990	4370	9020	5350	5160	9200	4000
10	12400	7680	2090	5780	3660	2790	3310	8980	5460	8280	7960	6550
11	13100	6990	3790	6990	3280	3070	4220	8510	3400	7310	8040	5300
12	6380	3900	2910	8870	4170	9150	5400	4320	3570	3780	7280	4400
13	5890	9170	9350	9130	5300	5530	11900	4650	5210	5070	8760	5180
14	9080	4860	4080	3730	6250	4650	6700	12200	9420	3860	3980	9200
15	8490	4730	4510	3800	8710	4430	3130	3760	11000	4800	3520	8430
16	7080	5720	2610	3610	10500	7420	6810	3880	4000	4830	4560	3380
17	5460	4530	1120	5520	8900	4760	5320	7230	4950	8890	6230	3560
18	4200	3270	7120	7240	4300	3280	3630	6860	11300	3900	2770	4820
19	4000	3340	10900	7990	3690	5190	5700	6590	8950	5250	4820	4420
20	4740	3390	1930	6410	4100	7630	6490	9580	5670	11300	7100	7380
21	3230	3670	1040	3620	8090	4220	3510	3920	4630	3880	7540	10500
22	3230	4570	3060	10900	5580	7810	4610	3420	4500	5090	4200	8260
23	4800	9440	8540	3730	6210	8950	3530	3590	4360	11700	8740	5160
24	3770	10700	10800	4590	4810	6920	4800	5950	3590	5340	5880	3750
25	4760	4970	2880	3710	4950	4850	7340	10800	3580	5230	4040	3370
26	12100	3620	3150	7570	11300	4550	8730	13400	3820	3940	5180	4810
27	8540	3970	3490	5110	3720	5010	5560	4480	9030	6940	9400	8000
28	3570	3660	3460	3520	4770	4460	3810	4290	8860	4210	8170	7930
29	4300	5660	4230	4970	---	4790	3720	4710	10100	5750	5830	7240
30	6850	6960	3600	7250	---	6600	7930	3690	7400	9020	2590	3590
31	9180	---	3560	7220	---	11100	---	4780	---	11500	4520	---
TOTAL	300850	166520	156660	184660	167150	176280	188750	190950	191710	191870	177210	178270
MEAN	9705	5551	5054	5957	5970	5686	6292	6160	6390	6189	5716	5942
MAX	23900	10700	10900	10900	11300	11100	13800	13400	11300	11700	9400	10500
MIN	3230	3270	1040	3340	3280	2000	2980	3140	3400	3430	2590	2880
CAL YR 1989	TOTAL 1966614 MEAN 5388 MAX 23900 MIN -168											
WTR YR 1990	TOTAL 2270880 MEAN 6222 MAX 23900 MIN 1040											

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC

LOCATION.--Lat 33°06'58'', long 79°57'22'', Berkeley County, Hydrologic Unit 03050201, on left bank of Cooper River, 1 mi downstream from Mepkin Creek, and at mile 36.7.

DRAINAGE AREA.--Undetermined.

GAGE HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is 18.50 feet below National Geodetic Vertical Datum 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, 24.38 ft, Sept. 22, 1989; minimum, 16.23 ft, Feb. 25, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.07 ft, June 18; minimum, 16.23 ft, Feb. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.77	20.84	21.80	21.95	19.02	20.54	21.96	18.52	20.52	20.93	17.63	19.14
2	22.76	19.92	21.67	22.48	18.73	20.60	21.54	18.68	20.01	21.37	18.45	19.79
3	22.81	21.69	22.09	21.81	19.02	20.56	20.86	16.77	19.23	20.74	18.32	19.60
4	22.79	21.00	22.06	21.87	19.36	20.66	21.21	18.57	19.73	21.02	18.95	19.88
5	22.89	21.53	22.17	21.84	19.34	20.59	20.48	17.13	19.28	20.74	18.01	19.77
6	22.27	20.94	21.74	21.58	18.95	20.35	20.89	18.36	19.75	20.87	18.08	19.55
7	21.77	18.91	20.46	21.74	18.87	20.29	20.68	18.10	19.55	21.66	17.86	20.39
8	22.30	19.55	20.79	21.90	18.72	20.36	21.96	18.38	20.68	22.07	19.01	20.48
9	22.78	20.64	21.46	21.98	19.53	20.82	22.21	19.03	20.96	21.57	18.17	20.05
10	22.50	20.33	21.51	21.98	18.96	20.59	21.76	19.00	20.55	21.72	18.14	19.98
11	22.81	20.10	21.59	22.04	18.37	20.42	22.44	18.88	20.57	22.20	17.69	20.29
12	22.47	19.87	21.16	21.73	18.72	20.31	21.94	18.42	20.40	21.82	17.88	20.16
13	22.32	19.30	20.85	22.12	18.16	20.66	22.40	18.80	20.76	21.84	17.35	19.89
14	22.43	19.34	21.12	22.11	18.74	20.61	21.67	18.30	20.18	21.56	18.66	20.16
15	22.78	19.33	21.24	21.79	18.46	20.37	21.60	18.15	20.11	21.02	18.24	19.77
16	22.22	18.98	20.90	21.73	18.53	20.22	21.26	17.81	19.82	21.07	18.50	19.74
17	22.17	18.90	20.76	21.18	16.64	19.46	21.46	18.37	19.92	20.58	18.67	19.66
18	21.67	18.48	20.39	21.06	17.98	19.58	21.33	18.62	20.03	20.90	18.54	19.97
19	21.71	19.06	20.43	20.66	17.78	19.33	21.56	19.91	20.65	20.48	18.71	19.74
20	20.82	17.80	19.53	20.56	17.20	19.51	20.97	18.76	19.93	21.04	18.63	20.01
21	21.24	18.28	19.64	20.36	17.22	19.02	21.31	18.22	20.03	20.69	17.49	19.29
22	21.05	18.48	19.80	21.16	18.31	20.00	21.15	18.23	19.91	20.58	16.90	19.44
23	21.83	18.88	20.34	21.00	18.76	20.02	21.28	18.92	20.21	21.28	18.32	19.64
24	21.76	19.02	20.43	21.65	18.92	20.41	21.57	19.28	20.44	21.20	17.71	19.73
25	22.05	19.33	20.67	21.80	19.14	20.37	21.79	19.34	20.43	21.63	18.20	19.85
26	22.58	19.65	21.42	21.58	18.61	20.15	20.85	18.20	19.57	21.07	17.29	19.35
27	22.54	19.80	21.36	21.65	18.30	20.10	21.05	17.23	19.54	21.52	16.70	19.37
28	22.40	19.69	20.90	21.31	18.41	19.95	20.74	17.21	19.24	21.28	17.23	19.44
29	22.46	19.40	21.00	21.26	17.80	19.87	21.48	17.43	19.56	21.14	17.72	19.77
30	22.43	19.78	21.23	21.76	18.58	20.26	21.01	17.17	19.46	21.10	18.07	19.78
31	22.64	19.62	21.24	---	---	---	21.15	17.61	19.61	21.23	18.72	20.11
MONTH	22.89	17.80	21.02	22.48	16.64	20.20	22.44	16.77	20.02	22.20	16.70	19.80

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	21.42	18.35	20.26	21.92	19.70	20.83	22.10	20.08	21.17	21.81	18.61	20.38
2	21.03	18.63	19.91	22.40	19.22	21.01	22.24	19.82	21.29	21.79	19.26	20.54
3	20.94	17.93	19.63	21.94	18.70	20.34	21.78	20.05	20.96	21.72	19.01	20.26
4	20.88	17.34	19.59	21.56	19.26	20.55	22.30	20.06	21.25	21.80	18.97	20.32
5	21.11	17.18	19.87	22.31	19.49	20.84	21.62	19.09	20.39	21.31	18.47	19.95
6	22.38	19.49	20.71	22.20	19.26	20.84	21.49	18.92	20.28	21.71	18.37	19.76
7	21.38	18.14	19.89	22.45	19.47	21.13	21.34	18.54	19.89	21.96	18.91	20.27
8	21.94	18.06	20.23	22.26	19.72	20.96	21.68	18.83	20.22	21.53	18.53	20.04
9	21.45	18.45	20.14	21.84	19.18	20.48	21.62	18.96	20.33	21.88	18.78	20.39
10	21.52	18.36	20.01	21.33	18.47	19.94	21.52	18.55	20.09	21.46	19.34	20.51
11	21.49	17.68	19.84	21.43	18.74	20.10	21.28	17.62	19.70	21.42	18.12	20.02
12	21.37	18.04	19.91	21.67	18.76	20.39	21.35	18.34	19.80	21.46	18.64	19.98
13	21.48	18.26	19.84	21.43	18.76	20.05	21.57	19.00	20.39	21.52	18.87	20.15
14	20.82	18.11	19.71	21.36	18.70	20.07	21.64	19.44	20.47	21.34	18.64	20.31
15	20.90	18.64	19.89	21.54	18.98	20.19	21.65	18.77	20.11	21.39	18.76	20.08
16	21.20	18.82	20.13	21.46	19.20	20.29	21.27	18.83	20.12	21.46	18.90	20.20
17	20.30	18.78	19.53	21.48	18.76	20.09	21.28	18.81	20.19	21.33	18.97	20.22
18	20.76	19.00	19.94	20.73	18.04	19.40	20.94	18.79	19.96	21.45	18.18	20.04
19	21.05	18.34	19.73	20.85	19.01	19.91	21.89	19.40	20.72	21.72	18.53	20.13
20	20.74	18.20	19.66	21.09	18.55	20.06	21.52	19.08	20.39	22.18	19.00	20.40
21	21.83	18.92	20.44	21.24	18.85	20.08	21.28	18.77	20.04	21.70	17.48	19.96
22	21.80	18.72	20.34	21.87	18.77	20.30	21.92	18.44	20.03	21.85	17.18	19.66
23	21.29	18.20	19.95	21.77	19.07	20.45	21.88	19.11	20.47	22.72	18.70	20.36
24	20.67	17.06	19.20	21.75	18.60	20.34	21.80	18.88	20.37	22.47	19.68	21.00
25	21.36	16.23	19.36	21.90	18.98	20.48	22.08	18.82	20.30	22.47	19.60	21.15
26	22.20	18.27	20.51	22.09	18.90	20.50	22.05	18.89	20.40	22.66	19.81	21.40
27	21.94	18.91	20.52	22.25	19.40	20.88	22.16	18.84	20.33	22.32	19.45	20.65
28	21.77	18.81	20.37	22.30	19.46	20.99	21.83	18.78	20.23	21.97	19.36	20.79
29	---	---	---	22.37	19.79	21.16	21.68	18.75	20.07	22.26	19.46	20.76
30	---	---	---	22.18	19.03	20.76	21.56	18.90	20.26	21.46	18.62	20.24
31	---	---	---	22.13	19.53	20.94	---	---	---	21.72	19.06	20.60
MONTH	22.38	16.23	19.97	22.45	18.04	20.46	22.30	17.62	20.34	22.72	17.18	20.34
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.25	19.97	21.07	21.74	18.60	20.05	21.84	18.27	20.13	22.17	18.81	20.51
2	21.45	19.22	20.48	21.75	18.12	19.92	22.04	18.96	20.28	22.40	19.60	20.87
3	21.40	18.81	20.00	22.12	18.98	20.50	22.20	19.30	20.59	22.04	19.42	20.77
4	21.64	18.80	20.18	21.96	19.23	20.56	21.90	19.32	20.48	21.97	19.29	20.60
5	22.18	18.40	20.01	21.97	18.82	20.20	21.67	19.21	20.32	22.18	19.46	20.90
6	22.10	19.37	20.54	22.02	18.85	20.36	21.77	18.96	20.20	22.34	19.44	21.26
7	21.97	19.17	20.40	22.05	19.30	20.59	21.94	18.98	20.38	22.23	19.42	21.08
8	21.79	18.72	20.15	22.00	19.36	20.55	21.86	19.14	20.74	22.44	18.82	20.80
9	21.45	18.76	20.01	21.84	19.23	20.49	22.06	19.22	20.98	22.35	18.77	20.70
10	21.35	18.48	19.89	21.61	18.79	20.45	22.27	19.13	20.96	22.77	18.94	20.93
11	21.27	18.12	19.79	21.58	18.73	20.35	22.29	19.08	20.93	22.57	18.89	20.83
12	21.73	19.04	20.33	21.46	18.40	19.95	22.22	18.74	20.76	22.58	19.06	20.88
13	21.96	19.37	20.69	21.22	17.90	19.86	22.27	18.42	20.69	22.49	19.24	20.93
14	21.87	19.20	20.86	21.29	18.53	20.14	21.88	18.06	20.24	23.02	19.68	21.15
15	22.34	19.43	21.14	21.82	17.90	20.06	21.91	17.97	19.96	22.37	20.30	21.32
16	22.32	19.52	21.08	21.01	17.40	19.72	22.04	17.92	20.13	22.27	19.38	20.76
17	22.55	19.70	21.20	22.26	18.42	20.33	22.66	19.04	20.58	22.41	19.51	20.90
18	23.07	19.60	21.28	21.58	17.34	19.81	22.14	18.89	20.61	22.38	19.82	21.17
19	22.77	19.72	21.14	22.15	17.88	19.99	22.19	19.46	20.76	22.44	19.83	21.10
20	22.72	18.94	20.72	22.84	18.43	20.34	22.16	19.40	20.86	22.11	19.62	21.11
21	22.59	18.80	20.59	21.80	18.20	20.30	22.20	19.27	20.85	22.50	19.55	21.29
22	22.05	18.74	20.46	21.61	18.60	20.07	22.07	19.43	20.92	22.32	19.46	21.07
23	21.83	18.11	20.11	22.28	18.62	20.74	22.54	19.65	21.35	22.13	18.73	20.57
24	21.80	18.56	20.16	22.30	19.32	20.78	22.18	19.48	21.03	21.84	18.73	20.44
25	21.94	18.97	20.38	22.04	19.12	20.82	21.90	19.16	20.57	21.71	18.73	20.32
26	21.92	19.16	20.57	21.96	19.42	20.91	21.80	18.38	20.23	21.60	18.70	20.28
27	21.94	19.12	20.83	22.41	19.68	21.24	21.92	18.39	20.45	22.02	18.39	20.26
28	22.04	18.93	20.78	22.18	19.49	21.00	22.17	18.50	20.55	22.22	18.84	20.55
29	22.12	18.52	20.58	22.46	19.28	20.96	21.77	19.01	20.51	22.40	19.13	20.76
30	21.69	18.21	20.15	22.34	19.12	20.91	21.54	18.94	20.26	22.12	18.93	20.60
31	---	---	---	22.33	19.38	20.77	22.19	19.29	20.58	---	---	---
MONTH	23.07	18.11	20.52	22.84	17.34	20.41	22.66	17.92	20.58	23.02	18.39	20.82
YEAR	23.07	16.23	20.38									

COOPER RIVER BASIN

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1982 to September 1985, April 1989 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum, 369 microsiemens, June 19, 1983; minimum, 48 microsiemens, May 25, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum, 148 microsiemens, Oct. 8; minimum, 75 microsiemens, May 3.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	116	102	105	115	110	112	100	97	98	103	95	98
2	115	98	105	116	111	113	98	96	97	96	93	95
3	108	99	103	112	105	109	100	96	98	99	94	95
4	108	106	107	112	106	109	100	96	97	96	94	95
5	109	106	107	110	103	107	100	96	98	95	94	95
6	109	107	108	108	100	104	100	98	99	98	95	96
7	143	108	115	111	105	108	101	99	100	98	95	96
8	148	110	117	115	107	109	103	96	99	99	89	94
9	122	110	113	109	106	108	100	96	97	93	86	90
10	118	108	111	108	106	107	98	93	95	91	79	85
11	113	107	109	109	106	108	97	91	95	91	84	88
12	114	108	110	110	107	108	96	92	94	91	89	90
13	118	109	112	109	105	107	94	89	92	93	90	91
14	118	112	114	109	104	106	95	92	93	93	90	92
15	117	111	113	109	106	107	95	92	94	93	91	92
16	116	112	114	107	105	106	95	91	93	93	90	92
17	120	114	116	109	105	107	95	92	93	94	91	93
18	129	116	120	108	105	106	95	93	93	94	92	93
19	118	113	116	109	106	107	94	92	92	94	93	93
20	121	113	116	109	106	107	94	91	92	96	93	94
21	120	112	115	110	107	108	95	92	93	96	94	95
22	118	112	114	108	105	106	95	90	93	96	92	94
23	119	113	115	106	101	104	92	90	91	96	92	94
24	121	113	115	103	101	102	95	91	93	97	95	96
25	118	113	115	103	101	102	97	95	96	98	96	97
26	115	111	112	104	103	104	98	95	97	98	94	96
27	114	110	112	106	104	105	99	96	98	97	94	96
28	117	110	112	108	104	105	100	97	98	99	95	97
29	115	110	113	108	100	104	99	94	96	104	98	99
30	116	113	114	100	98	99	101	95	97	99	96	97
31	116	110	113	---	---	---	105	96	99	97	91	94
MONTH	148	98	112	116	98	106	105	89	95	104	79	94

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	95	90	91	94	90	92	91	83	87	83	80	81
2	102	92	94	93	89	91	91	83	86	82	79	81
3	109	92	95	95	92	93	92	81	86	89	75	84
4	116	93	97	96	91	94	89	81	84	87	85	86
5	112	91	98	94	90	92	89	82	85	88	84	86
6	114	90	93	93	89	91	92	83	87	90	85	87
7	111	92	95	92	87	90	90	83	86	90	86	88
8	103	93	96	93	88	90	87	81	84	89	86	87
9	104	93	96	94	90	92	87	82	84	88	86	87
10	105	95	98	96	91	93	87	82	85	88	84	86
11	106	97	98	96	92	94	88	81	84	88	84	86
12	110	96	99	95	88	92	90	79	85	88	85	87
13	98	96	97	93	87	90	85	78	81	91	86	88
14	103	94	97	93	86	90	90	78	83	89	85	87
15	96	94	95	91	89	90	84	78	81	100	85	87
16	96	94	95	91	82	88	87	76	81	94	86	88
17	96	94	95	86	81	83	83	76	79	110	86	90
18	95	94	94	86	81	83	82	78	79	88	86	87
19	98	95	96	90	82	86	81	78	79	107	86	88
20	100	97	98	86	79	82	83	78	80	107	86	89
21	98	93	96	85	81	82	83	78	80	88	87	87
22	97	94	95	88	80	84	84	80	81	90	87	89
23	100	95	97	87	79	83	86	80	82	113	88	98
24	97	95	96	86	81	84	83	79	81	93	87	88
25	99	94	97	86	80	84	84	80	81	89	86	87
26	98	92	95	90	81	86	82	78	80	89	87	88
27	97	92	94	91	82	86	81	77	79	107	88	90
28	103	93	94	88	82	85	82	79	80	91	87	89
29	---	---	---	97	83	87	82	80	80	99	88	89
30	---	---	---	90	83	87	84	79	82	92	87	89
31	---	---	---	95	85	91	---	---	---	92	87	89
MONTH	116	90	96	97	79	88	92	76	82	113	75	88
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	90	87	88	101	90	93	105	90	92	97	94	96
2	95	87	88	104	89	94	108	87	92	106	94	97
3	98	88	90	101	90	93	93	90	91	104	94	96
4	94	89	90	101	91	93	105	90	94	108	95	97
5	90	88	89	98	92	93	103	91	93	107	96	98
6	92	87	89	106	88	92	103	91	94	104	94	97
7	90	88	89	94	86	89	113	90	96	98	94	95
8	94	88	89	96	87	89	109	90	94	98	94	96
9	96	89	90	97	87	90	109	92	95	97	95	96
10	100	90	92	99	88	90	105	91	93	99	96	97
11	99	89	91	97	88	90	94	91	93	99	96	97
12	104	88	92	99	88	91	102	91	94	99	96	98
13	116	87	95	95	89	90	107	92	97	100	97	98
14	100	89	91	101	87	91	96	92	94	101	97	98
15	102	89	91	93	87	89	98	94	96	99	95	97
16	91	89	90	99	88	90	107	94	98	99	96	98
17	103	90	94	103	90	93	107	94	95	99	96	98
18	107	90	97	121	89	99	97	94	95	102	96	98
19	105	90	94	124	89	104	103	94	96	102	96	98
20	106	91	95	128	89	107	107	95	97	103	96	98
21	103	91	94	123	89	97	99	95	96	105	97	99
22	111	91	98	111	89	94	105	94	97	101	97	99
23	108	91	95	122	91	98	104	94	96	106	99	100
24	107	92	96	117	90	95	96	93	94	101	98	100
25	103	92	96	108	89	94	106	94	96	100	97	99
26	109	91	97	101	89	93	109	96	98	100	97	99
27	102	91	94	113	90	96	103	93	97	111	97	100
28	102	91	94	107	89	97	105	94	96	101	98	99
29	103	91	94	105	89	91	105	94	95	101	99	100
30	104	91	93	107	89	93	97	94	96	102	99	100
31	---	---	---	105	90	93	106	94	96	---	---	---
MONTH	116	87	92	128	86	94	113	87	95	111	94	98
YEAR	148	75	95									

COOPER RIVER BASIN

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.--Water-stage recorder and data collection platform. Datum of gage is 10.14 feet below National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers bench mark). Prior to April 27, 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, unknown; minimum, unknown.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.52 ft, June 18; minimum, 7.90 ft, Feb. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	14.17	12.11	13.11	13.45	10.53	12.04	13.47	9.91	11.99	12.55	9.03	10.65
2	14.11	11.35	13.01	13.94	10.33	12.10	13.05	10.22	11.54	12.96	9.90	11.27
3	14.15	12.37	13.25	13.28	10.63	12.06	12.39	8.53	10.72	12.30	9.80	11.04
4	14.21	12.57	13.39	13.43	10.80	12.15	12.79	9.83	11.21	12.38	10.24	11.32
5	14.29	12.74	13.49	13.41	10.81	12.10	12.68	8.83	10.84	12.30	9.41	11.18
6	13.73	12.22	13.04	13.04	10.49	11.85	12.47	9.98	11.27	12.26	9.39	10.94
7	13.25	10.24	11.87	13.17	10.33	11.76	12.19	9.66	11.08	13.09	9.35	11.76
8	13.71	10.91	12.16	13.33	10.23	11.84	13.48	10.15	12.19	13.49	10.40	11.88
9	14.23	12.04	12.90	13.43	10.99	12.29	13.75	10.63	12.47	12.95	9.59	11.45
10	13.93	11.84	12.94	13.46	10.43	12.06	13.37	10.60	12.09	13.14	9.55	11.36
11	14.34	11.59	13.02	13.46	9.96	11.91	13.97	10.38	12.10	13.64	9.23	11.71
12	13.91	11.42	12.63	13.29	10.29	11.80	13.54	9.97	11.93	13.34	9.47	11.61
13	13.82	10.83	12.34	13.64	9.58	12.11	13.88	10.33	12.23	13.37	8.69	11.37
14	14.02	10.78	12.58	13.68	10.19	12.10	13.17	9.87	11.70	13.07	10.23	11.67
15	14.22	10.81	12.69	13.46	9.99	11.89	13.08	9.58	11.63	12.56	9.82	11.30
16	13.75	10.56	12.37	13.32	10.09	11.71	12.81	9.45	11.34	12.67	9.94	11.25
17	13.51	10.49	12.23	---	---	---	13.02	9.74	11.46	12.14	10.15	11.13
18	13.26	9.95	11.90	12.38	9.62	11.08	---	---	---	12.37	10.14	11.42
19	13.28	10.65	11.90	12.23	9.14	10.85	---	---	---	12.04	10.32	11.21
20	12.31	9.16	10.99	12.08	8.82	11.02	12.53	10.34	11.45	12.58	10.12	11.51
21	12.72	9.73	11.13	11.80	8.79	10.51	12.71	9.79	11.56	12.20	8.87	10.80
22	12.55	9.95	11.30	---	---	---	12.54	9.92	11.44	12.02	8.50	10.89
23	13.28	10.51	11.85	12.46	10.30	11.49	12.67	10.46	11.68	12.72	9.90	11.15
24	13.28	10.62	11.95	13.11	10.54	11.88	13.02	10.82	11.90	12.72	9.34	11.26
25	13.51	10.87	12.19	13.30	10.77	11.89	13.30	10.86	11.97	13.12	9.83	11.38
26	14.06	11.17	12.87	13.13	10.15	11.69	12.41	9.71	11.10	12.51	8.92	10.82
27	14.05	11.33	12.84	13.17	9.92	11.63	12.62	8.88	11.09	13.04	8.34	10.90
28	13.92	11.21	12.43	12.89	9.93	11.49	12.33	8.82	10.78	12.86	8.90	10.97
29	13.95	11.02	12.53	12.76	9.43	11.32	13.03	9.00	11.09	---	---	---
30	13.82	11.33	12.73	13.26	9.96	11.80	12.51	8.81	10.99	---	---	---
31	14.11	11.19	12.71	---	---	---	12.66	9.30	11.15	12.78	9.94	11.35
MONTH	14.34	9.16	12.46	13.94	8.79	11.73	13.97	8.53	11.52	13.64	8.34	11.26

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.95	9.96	11.72	13.44	11.07	12.32	13.47	11.30	12.50	13.24	10.12	11.86
2	12.57	10.08	11.38	13.76	10.73	12.35	13.57	11.26	12.63	13.30	10.71	12.05
3	12.46	9.50	11.13	13.50	10.21	11.95	13.15	11.31	12.29	13.22	10.50	11.93
4	---	---	---	13.10	10.83	12.06	13.68	11.44	12.58	13.28	10.32	11.83
5	---	---	---	13.72	10.92	12.35	13.07	10.47	11.79	12.78	9.92	11.48
6	---	---	---	13.61	10.83	12.33	12.90	10.39	11.65	13.20	9.95	11.30
7	12.86	9.76	11.45	13.88	10.96	12.63	12.65	10.00	11.29	13.52	10.31	11.80
8	13.46	9.69	11.73	13.86	11.26	12.49	13.08	10.19	11.64	13.06	9.96	11.56
9	13.01	10.07	11.66	13.39	10.78	12.02	13.02	10.36	11.74	13.41	10.32	11.85
10	13.07	9.87	11.52	12.88	10.04	11.47	12.92	9.97	11.50	12.86	10.81	12.02
11	12.98	9.23	11.37	12.95	10.25	11.62	12.58	9.07	11.09	13.00	9.68	11.49
12	12.90	9.61	11.42	13.20	10.31	11.86	12.95	9.74	11.16	12.93	10.22	11.50
13	12.98	9.79	11.34	12.86	10.35	11.54	13.08	10.47	11.85	13.08	10.40	11.66
14	12.35	9.60	11.16	12.87	10.22	11.54	13.21	10.90	11.97	12.74	10.12	11.74
15	12.39	10.11	11.35	13.04	10.38	11.71	13.20	10.19	11.64	12.95	10.33	11.61
16	12.63	10.39	11.56	13.00	10.77	11.77	12.78	10.42	11.63	12.96	10.47	11.72
17	11.81	10.14	10.99	13.00	10.21	11.58	12.78	10.34	11.58	12.88	10.37	11.70
18	12.29	10.64	11.48	12.26	9.56	10.92	12.44	10.34	11.50	12.91	9.85	11.55
19	12.58	9.79	11.25	12.40	10.53	11.42	13.33	10.89	12.24	13.17	9.95	11.63
20	12.19	9.89	11.20	12.63	10.16	11.55	12.99	10.56	11.87	13.65	10.30	11.89
21	13.29	10.49	11.94	12.59	10.45	11.60	12.79	10.24	11.56	13.19	9.00	11.46
22	13.29	10.37	11.85	13.27	10.34	11.81	13.44	10.03	11.54	13.31	8.86	11.20
23	12.77	9.75	11.45	13.25	10.63	11.91	13.44	10.59	11.99	14.25	10.30	11.92
24	12.36	8.68	10.69	13.30	10.16	11.84	13.34	10.33	11.87	14.02	11.11	11.51
25	12.91	7.90	10.87	13.41	10.50	12.00	13.69	10.31	11.77	14.06	11.08	12.61
26	13.72	9.89	12.00	13.62	10.46	12.03	13.63	10.46	11.85	14.11	11.30	12.84
27	---	---	---	13.83	10.98	12.40	13.64	10.22	11.81	13.91	11.00	12.16
28	---	---	---	13.78	11.04	12.51	13.32	10.31	11.74	13.51	10.98	12.31
29	---	---	---	13.94	11.26	12.68	13.24	10.18	11.59	13.82	10.94	12.26
30	---	---	---	13.73	10.39	12.18	13.09	10.36	11.73	12.97	10.14	11.76
31	---	---	---	13.48	10.80	12.28	---	---	---	13.21	10.60	12.12
MONTH	13.72	7.90	11.41	13.94	9.56	11.96	13.69	9.07	11.79	14.25	8.86	11.85
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	13.73	11.67	12.54	---	---	---	13.33	9.85	11.67	13.68	10.40	12.05
2	13.00	10.67	11.98	13.28	9.67	11.47	13.53	10.50	11.94	14.02	11.15	12.38
3	12.95	10.34	11.53	13.69	10.53	12.05	13.73	10.78	12.12	13.63	10.95	12.29
4	13.15	10.33	11.64	13.55	10.68	12.10	13.46	10.70	12.00	13.53	10.90	12.13
5	13.74	10.01	11.56	13.53	10.26	11.71	13.22	10.69	11.85	13.72	10.96	12.41
6	13.65	10.81	12.09	13.65	10.44	11.83	13.25	10.51	11.72	13.85	11.02	12.72
7	13.55	10.74	11.86	13.64	10.83	12.08	13.50	10.58	11.89	13.67	11.02	12.54
8	13.41	10.33	11.64	13.55	10.76	12.07	13.47	10.69	12.22	13.86	10.33	12.27
9	13.01	10.31	11.52	13.27	10.75	12.00	13.56	10.77	12.43	13.80	10.38	12.21
10	12.77	10.12	11.37	13.12	10.35	11.90	13.74	10.76	12.43	14.22	10.56	12.43
11	12.90	9.67	11.33	13.12	10.24	11.80	13.70	10.58	12.38	14.11	10.51	12.34
12	13.26	10.64	11.87	12.95	9.89	11.41	13.66	10.29	12.22	14.06	10.70	12.41
13	13.48	10.97	12.20	12.66	9.54	11.37	13.73	10.00	12.15	14.08	10.76	12.45
14	13.44	10.85	12.33	12.86	10.14	11.66	13.35	9.75	11.81	14.48	11.11	12.65
15	13.83	10.90	12.61	13.30	9.41	11.56	13.42	9.27	11.48	13.89	11.86	12.79
16	13.83	11.11	12.62	12.56	8.96	11.23	13.60	9.42	11.66	13.81	10.76	12.29
17	14.04	11.26	12.73	13.74	9.79	11.82	14.20	10.47	12.10	14.03	10.99	12.42
18	14.52	10.98	12.77	13.10	8.93	11.33	13.71	10.37	12.14	13.95	11.44	12.70
19	14.34	10.97	12.63	13.66	9.35	11.50	13.73	10.98	12.26	14.01	11.39	12.62
20	14.19	10.30	12.24	14.31	9.77	11.83	13.68	10.91	12.34	13.67	11.20	12.61
21	14.00	10.24	12.11	13.42	9.58	11.80	13.75	10.85	12.32	13.97	11.06	12.75
22	13.62	10.06	11.96	13.17	10.09	11.56	13.62	10.98	12.43	13.78	11.04	12.54
23	13.41	9.54	11.61	13.86	10.17	12.18	13.96	11.19	12.81	13.58	10.25	12.08
24	13.27	10.01	11.68	13.79	10.84	12.26	13.69	11.08	12.52	13.38	10.32	11.96
25	13.52	10.58	11.90	13.54	10.75	12.32	13.35	10.70	12.08	13.17	10.35	11.85
26	13.49	10.67	12.09	13.54	11.02	12.44	13.20	10.00	11.74	---	---	---
27	13.44	10.68	12.31	13.90	11.23	12.74	13.39	9.92	11.91	13.49	9.93	11.76
28	13.50	10.50	12.24	13.68	11.06	12.53	13.61	10.08	12.03	13.63	10.39	12.05
29	13.55	10.03	12.05	13.94	10.91	12.49	13.35	10.54	12.01	13.84	10.72	12.27
30	13.18	9.70	11.65	13.80	10.67	12.39	13.11	10.46	11.79	13.59	10.55	12.13
31	---	---	---	13.77	10.70	12.24	13.72	10.86	12.11	---	---	---
MONTH	14.52	9.54	12.02	14.31	8.93	11.92	14.20	9.27	12.08	14.48	9.93	12.35
YEAR	14.52	7.90	11.88									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1983 to current year.

pH: April 1983 to current year.

WATER TEMPERATURE: August 1975 to current year.

DISSOLVED OXYGEN: April 1983 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sept. 17, 1985; minimum, 40 microsiemens, Sept. 7, 1987.

pH: Maximum, 8.4 units, July 26, 27, 1988; minimum, 5.6 units, Sept. 7, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, July 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, Sept. 24, 25, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 318 microsiemens, Sept. 17; minimum, 80 microsiemens, Mar. 22.

pH: Maximum, 7.9 units, Feb. 16, May 16; minimum, 5.9 units, Oct. 2.

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 5 - 7, Sept. 2; minimum, 2.5°C, Dec. 25.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 5; minimum 0.5 mg/L, Oct. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	110	99	101	115	105	107	105	96	99	105	96	100
2	116	99	103	115	103	107	104	98	100	100	93	96
3	103	97	99	113	103	106	106	98	101	99	94	96
4	108	95	100	110	100	105	104	97	99	99	94	96
5	106	96	101	106	100	102	103	97	99	97	91	94
6	111	97	100	111	102	104	107	100	102	102	93	96
7	120	98	107	109	104	105	109	102	105	102	97	99
8	115	94	102	109	104	106	116	99	104	103	97	100
9	108	96	100	110	105	106	105	99	101	103	97	99
10	102	96	98	109	105	106	104	99	100	100	95	97
11	102	97	99	110	105	107	105	98	100	103	97	100
12	106	99	100	111	106	108	116	98	101	103	98	100
13	104	99	101	111	106	108	103	95	97	103	97	100
14	108	100	103	109	106	107	99	95	97	103	96	99
15	108	102	103	118	106	109	100	96	97	102	95	97
16	109	103	104	114	103	107	100	96	98	101	94	96
17	110	104	106	115	105	107	100	95	97	101	94	97
18	122	104	108	111	104	106	99	95	96	97	93	95
19	127	104	108	110	104	106	97	94	95	102	97	99
20	117	103	108	108	104	107	96	93	95	---	---	---
21	111	104	108	109	103	106	99	94	95	---	---	---
22	117	101	106	114	102	105	96	93	94	---	---	---
23	111	103	106	108	97	101	96	92	94	---	---	---
24	114	107	110	102	94	98	96	93	94	---	---	---
25	112	105	108	105	95	97	99	95	97	---	---	---
26	112	107	109	103	97	99	99	96	98	---	---	---
27	111	107	109	102	98	99	103	97	99	---	---	---
28	110	105	108	104	98	100	103	99	100	---	---	---
29	110	107	109	114	97	100	102	97	99	---	---	---
30	114	104	108	100	95	98	106	98	100	---	---	---
31	111	104	106	---	---	---	108	97	100	---	---	---
MONTH	127	94	104	118	94	104	116	92	98	105	91	98

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	100	95	97	92	86	88	91	86	88
2	---	---	---	98	95	96	91	86	87	90	86	88
3	---	---	---	99	94	97	91	85	88	90	85	87
4	---	---	---	102	93	99	92	84	86	89	87	87
5	---	---	---	100	95	97	94	84	87	91	86	88
6	---	---	---	97	94	95	94	88	90	92	87	89
7	---	---	---	96	92	94	96	87	91	92	89	90
8	---	---	---	96	92	94	95	89	91	94	88	90
9	96	92	93	97	94	95	94	88	91	95	89	91
10	97	92	94	100	93	97	94	89	90	91	89	90
11	101	92	95	99	95	97	102	88	91	93	90	91
12	103	92	96	101	91	96	97	88	91	92	90	91
13	100	91	94	95	90	93	91	84	87	94	91	93
14	98	90	93	95	90	93	88	85	86	94	92	93
15	94	90	91	95	90	92	87	84	86	95	92	93
16	92	89	90	95	88	92	90	86	88	95	94	94
17	93	89	90	94	84	86	89	86	87	97	95	96
18	92	90	90	91	84	86	92	87	89	97	93	95
19	93	90	92	89	85	88	91	85	88	95	93	94
20	97	92	95	89	82	85	87	84	86	95	93	94
21	96	90	93	86	83	85	89	85	87	96	93	95
22	95	88	91	87	80	85	91	86	88	100	94	96
23	96	91	93	86	82	84	96	87	89	118	95	99
24	98	90	92	88	83	86	99	86	88	116	95	101
25	96	91	93	88	86	87	97	86	89	117	94	97
26	96	88	91	90	86	87	90	85	87	97	95	96
27	99	88	92	91	86	88	88	86	86	99	95	97
28	100	96	97	91	84	87	90	87	88	104	97	98
29	---	---	---	94	85	89	92	86	88	127	96	102
30	---	---	---	92	87	89	96	87	89	103	96	98
31	---	---	---	99	86	90	---	---	---	105	95	98
MONTH	103	88	93	102	80	91	102	84	88	127	85	94
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	122	95	98	91	86	87	102	90	93	100	95	96
2	109	94	95	92	85	88	104	86	92	106	94	97
3	111	95	97	97	85	89	104	88	92	110	93	96
4	113	96	99	95	85	89	95	90	92	110	94	97
5	98	94	95	125	86	93	112	91	96	125	96	102
6	108	92	94	135	87	93	127	94	102	115	94	99
7	98	93	94	99	87	91	130	94	103	101	93	95
8	94	92	93	118	87	93	107	90	96	97	92	94
9	93	92	93	92	88	89	94	89	91	111	93	96
10	94	91	93	109	88	91	106	89	91	98	94	96
11	95	90	92	111	88	91	102	89	92	97	94	96
12	96	89	92	91	88	89	105	90	92	101	95	97
13	114	87	93	117	88	92	98	90	92	100	96	98
14	97	87	90	95	87	90	115	90	94	102	98	100
15	89	84	87	92	86	89	96	93	94	103	99	101
16	106	84	88	110	89	93	109	93	96	106	102	104
17	103	84	88	105	89	91	98	92	94	318	102	128
18	116	84	89	95	89	90	102	91	94	115	103	106
19	108	83	91	122	89	93	108	92	96	118	105	107
20	111	83	87	125	89	100	113	93	98	115	104	106
21	104	83	90	107	90	98	111	93	96	107	104	106
22	91	86	88	103	90	93	101	92	94	108	105	106
23	92	86	89	111	90	96	98	92	94	111	106	107
24	97	87	90	113	90	102	96	92	94	111	104	107
25	114	87	96	112	90	101	97	93	95	109	105	106
26	123	87	99	108	88	95	98	95	96	108	103	105
27	127	86	96	101	89	91	111	93	98	105	103	104
28	95	86	87	125	88	98	96	93	94	106	103	104
29	88	85	87	104	89	95	96	93	94	108	104	106
30	94	86	87	112	90	98	97	93	95	109	105	106
31	---	---	---	105	90	95	97	94	95	---	---	---
MONTH	127	83	92	135	85	93	130	86	95	318	92	102
YEAR	318	80	96									

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

pH (UNITS). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	22.5	22.5	19.0	18.5	19.0	13.5	12.5	13.0	7.5	6.5	7.0
2	23.0	22.5	22.5	19.0	18.5	18.5	13.0	12.5	13.0	7.5	6.0	6.5
3	24.0	23.0	23.5	18.5	18.0	18.5	13.0	12.0	12.0	6.5	5.5	6.0
4	24.0	23.5	23.5	18.5	17.5	18.0	12.0	11.0	11.5	7.0	6.5	6.5
5	24.0	23.0	23.5	18.0	18.0	18.0	11.5	10.5	10.5	7.0	6.5	6.5
6	23.5	23.0	23.5	18.5	18.0	18.0	11.0	10.5	10.5	7.5	7.0	7.0
7	24.0	23.5	23.5	18.5	18.0	18.5	11.5	11.0	11.0	8.0	7.0	7.5
8	24.0	23.5	23.5	19.0	18.5	18.5	12.0	11.0	11.5	9.0	7.0	8.0
9	23.5	22.5	23.0	18.5	18.0	18.5	10.5	10.0	10.5	10.0	9.0	9.5
10	22.5	21.5	22.0	18.0	18.0	18.0	9.5	9.0	9.5	10.5	10.0	10.0
11	22.5	21.5	22.0	18.0	17.5	18.0	9.5	9.0	9.5	10.5	10.0	10.0
12	22.0	21.5	22.0	18.0	17.5	18.0	10.0	9.5	9.5	10.0	9.5	9.5
13	22.5	21.5	22.0	18.0	17.5	18.0	10.5	9.5	10.0	9.0	8.0	8.5
14	22.5	21.5	22.0	18.0	17.5	18.0	10.5	9.5	10.0	8.5	8.0	8.5
15	21.5	21.5	21.5	18.0	17.5	18.0	10.0	9.5	9.5	9.0	8.0	8.5
16	22.5	21.5	22.0	18.0	17.0	17.5	10.0	9.5	9.5	9.0	8.5	8.5
17	22.5	22.0	22.0	17.0	15.5	16.0	9.5	8.5	9.0	9.5	8.5	9.0
18	22.5	22.0	22.0	16.0	15.0	15.5	8.5	8.0	8.5	9.0	8.5	9.0
19	22.0	21.5	22.0	15.0	14.5	15.0	9.0	8.0	8.5	9.5	9.0	9.0
20	21.5	19.5	20.0	15.0	14.5	14.5	8.5	7.5	8.0	9.5	9.0	9.0
21	19.5	18.5	18.5	15.0	14.5	14.5	7.5	7.5	7.5	10.5	9.0	9.5
22	18.5	18.0	18.0	15.0	14.5	15.0	7.5	6.5	7.0	10.5	10.0	10.0
23	18.5	17.5	18.0	15.0	14.5	15.0	6.5	5.0	5.5	10.0	9.5	10.0
24	18.5	18.0	18.5	14.5	13.5	14.0	5.0	3.0	4.0	11.0	10.0	10.5
25	18.5	18.0	18.0	13.5	13.0	13.5	3.0	2.5	3.0	12.5	10.5	11.5
26	18.5	18.0	18.0	14.0	13.0	13.5	3.5	3.0	3.5	12.5	11.0	12.0
27	18.5	18.0	18.0	14.0	14.0	14.0	4.5	3.5	4.0	11.0	10.0	10.5
28	18.5	18.0	18.0	15.0	14.0	14.5	5.0	4.0	4.5	11.0	10.0	10.5
29	18.5	18.0	18.0	15.0	14.5	14.5	5.0	4.5	5.0	12.5	11.0	11.5
30	18.5	18.0	18.5	14.0	13.0	13.5	5.5	5.0	5.5	12.5	11.0	11.5
31	19.0	18.5	18.5	---	---	---	6.5	5.5	6.0	12.0	11.0	11.5
MONTH DAY	24.0 MAX	17.5 MIN	21.0 MEAN	19.0 MAX	13.0 MIN	16.5 MEAN	13.5 MAX	2.5 MIN	8.5 MEAN	12.5 MAX	5.5 MIN	9.0 MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	11.0	11.5	13.0	12.5	13.0	19.5	18.0	19.0	22.5	21.0	21.5
2	12.5	11.5	12.0	13.0	12.5	13.0	20.0	19.0	19.0	22.5	21.5	22.0
3	14.0	12.0	13.0	14.5	13.0	13.5	20.0	18.5	19.0	23.0	21.5	22.5
4	---	---	---	14.5	13.5	14.0	19.0	18.0	18.5	23.0	21.5	22.5
5	---	---	---	14.5	13.5	14.0	20.0	18.0	19.0	22.5	21.0	22.0
6	---	---	---	14.5	13.5	14.0	20.5	19.0	19.5	22.0	20.5	21.5
7	13.5	13.0	13.5	14.0	13.0	13.5	20.0	19.5	19.5	22.0	20.5	21.0
8	13.5	13.0	13.0	13.5	13.0	13.0	19.5	18.5	19.5	22.5	21.5	22.0
9	14.0	13.0	13.5	13.5	13.0	13.0	19.5	19.0	19.5	22.5	21.5	22.0
10	14.5	13.5	14.0	15.5	13.5	14.5	20.5	19.0	19.5	22.0	21.5	22.0
11	14.5	13.5	14.0	16.5	15.0	15.5	20.0	19.5	20.0	22.5	21.0	22.0
12	14.0	13.0	13.5	17.0	15.0	16.5	20.0	17.5	18.5	23.0	22.0	22.5
13	14.0	13.0	13.5	16.5	15.0	15.5	18.0	17.0	17.5	23.0	22.5	22.5
14	14.0	13.5	14.0	17.0	15.5	16.5	18.0	17.5	17.5	23.5	22.0	23.0
15	14.5	13.5	14.0	17.5	15.5	16.5	18.5	17.0	17.5	24.0	22.5	23.5
16	15.0	14.0	14.5	18.0	16.0	17.0	19.0	18.0	18.5	25.5	24.0	24.5
17	15.5	14.5	14.5	17.5	16.0	16.5	20.0	19.0	19.0	25.5	24.0	24.5
18	14.5	14.0	14.5	17.5	16.0	17.0	19.5	17.5	18.5	24.0	23.0	23.5
19	14.0	14.0	14.0	18.0	16.5	17.0	18.0	17.0	17.5	24.5	23.0	23.5
20	14.0	14.0	14.0	17.5	17.0	17.0	18.0	17.0	18.0	24.0	23.5	23.5
21	14.0	13.5	13.5	17.0	16.5	17.0	19.0	17.5	18.5	24.5	23.5	24.0
22	15.0	14.0	14.5	18.0	16.5	17.0	19.5	18.5	19.0	25.0	24.0	24.5
23	15.0	14.5	15.0	18.5	17.0	17.5	20.0	18.5	19.5	24.0	22.5	23.5
24	14.5	13.5	14.0	19.0	18.0	18.5	20.5	19.0	19.5	24.0	23.0	23.5
25	13.5	12.5	13.0	19.5	18.0	19.0	20.5	19.0	20.0	24.5	23.5	24.0
26	13.0	12.0	12.5	19.5	19.0	19.0	20.5	18.5	19.5	24.0	23.0	23.5
27	13.0	12.0	12.5	19.5	18.0	18.5	20.5	19.0	20.0	25.0	23.5	24.5
28	13.0	12.0	12.5	18.5	17.5	18.0	20.5	19.5	20.0	25.5	24.5	25.0
29	---	---	---	18.0	18.0	18.0	21.0	19.5	20.5	25.5	24.0	24.5
30	---	---	---	18.0	17.5	18.0	21.0	20.5	20.5	25.0	23.5	24.0
31	---	---	---	18.5	18.0	18.0	---	---	---	25.0	24.0	24.5
MONTH	15.5	11.0	13.5	19.5	12.5	16.0	21.0	17.0	19.0	25.5	20.5	23.0

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.2	1.0	3.7	9.4	3.4	7.6	9.7	5.7	8.6	11.6	8.7	10.4
2	5.8	.5	3.5	9.1	4.3	7.8	9.5	5.1	8.2	12.0	9.5	11.0
3	5.7	.8	4.3	8.9	3.4	7.1	9.6	6.1	8.4	11.8	9.1	11.0
4	5.6	3.0	4.3	9.2	4.0	6.9	9.9	5.7	8.6	12.5	10.3	11.3
5	5.0	2.8	4.3	9.2	4.9	7.2	9.6	6.6	8.6	13.0	9.5	11.6
6	5.3	3.1	4.3	8.7	3.8	7.1	9.6	4.8	8.5	12.1	7.9	11.1
7	4.7	.6	2.3	8.3	6.2	7.5	9.6	4.4	8.5	11.6	8.5	10.5
8	5.0	.7	2.7	8.2	5.1	7.4	9.4	6.1	8.4	11.4	7.7	10.0
9	5.1	.8	3.7	8.9	2.0	7.4	9.8	6.6	8.5	10.0	6.2	8.8
10	5.5	1.2	3.9	9.3	4.8	7.8	10.0	7.8	9.4	9.1	6.3	8.2
11	7.2	1.4	4.6	9.4	6.1	8.3	10.0	8.4	9.4	9.8	6.5	8.5
12	7.1	2.1	5.0	9.4	7.3	8.6	9.9	6.3	8.9	10.3	7.4	9.0
13	6.7	2.4	4.9	9.6	4.8	8.4	9.4	6.5	8.5	10.6	6.9	9.1
14	6.4	3.7	5.2	9.4	5.6	8.1	9.3	6.6	8.5	10.6	5.7	9.3
15	6.9	3.6	5.7	8.9	5.5	7.3	9.6	6.5	8.7	10.5	7.5	9.7
16	6.7	3.0	5.0	8.3	5.2	7.1	9.6	6.8	8.8	10.7	7.9	9.7
17	6.2	2.7	5.1	8.2	5.0	7.1	9.5	7.4	8.7	11.2	8.6	10.2
18	6.5	2.2	4.5	8.4	5.5	7.2	9.4	7.7	8.9	11.2	8.0	10.4
19	6.3	3.3	5.3	8.3	4.8	7.6	10.3	8.1	9.5	10.9	8.1	9.9
20	6.8	3.2	5.0	8.5	6.1	7.7	10.1	7.6	9.5	11.2	8.9	10.1
21	6.4	3.3	5.2	8.5	6.5	7.9	10.5	7.5	9.6	10.4	8.5	9.8
22	7.4	2.6	5.5	8.5	3.9	7.5	11.0	8.0	9.8	11.3	8.9	10.2
23	7.7	2.3	5.6	8.8	6.0	7.7	11.2	8.5	10.4	11.2	8.9	10.5
24	8.6	3.7	6.2	9.2	5.8	8.3	12.0	9.9	11.1	11.0	8.8	10.3
25	8.4	4.3	6.6	9.4	5.9	8.6	12.0	10.3	11.3	11.1	8.3	10.2
26	10.5	5.0	8.4	9.4	6.7	8.5	12.3	9.9	11.2	11.4	6.6	10.2
27	10.4	4.9	8.6	9.1	5.5	8.1	11.6	10.0	11.0	11.3	9.8	10.5
28	10.3	6.9	8.7	9.1	4.8	7.8	11.7	9.7	10.9	11.6	9.5	10.7
29	10.3	6.3	8.5	9.2	4.1	7.9	12.0	9.7	11.1	11.5	9.5	10.6
30	9.6	5.7	8.5	9.5	7.0	8.4	12.0	9.5	11.0	11.7	9.1	10.6
31	9.7	3.9	8.1	---	---	---	11.6	8.9	10.8	11.4	9.1	10.8
MONTH	10.5	.5	5.4	9.6	2.0	7.7	12.3	4.4	9.5	13.0	5.7	10.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	8.9	10.7	9.6	7.9	9.0	7.9	6.9	7.3	8.2	4.9	7.2
2	10.9	9.7	10.4	9.5	8.3	8.9	7.7	7.0	7.4	7.6	4.0	6.8
3	10.8	9.3	10.2	9.3	6.1	8.3	8.2	6.7	7.5	---	---	---
4	---	---	---	9.2	7.9	8.6	8.5	7.2	8.0	---	---	---
5	---	---	---	9.8	7.6	9.0	8.4	7.2	7.9	---	---	---
6	---	---	---	9.7	8.0	9.1	8.2	7.0	7.7	---	---	---
7	10.2	8.7	9.5	9.7	7.9	9.0	8.3	7.5	7.9	---	---	---
8	10.4	8.5	9.6	9.9	8.1	9.1	8.6	7.6	8.1	---	---	---
9	9.9	8.9	9.4	9.7	8.1	9.1	8.8	7.9	8.3	---	---	---
10	9.6	8.5	9.0	10.0	8.0	9.2	8.9	7.9	8.4	---	---	---
11	9.6	8.1	8.9	10.1	8.4	9.4	8.5	7.7	8.1	---	---	---
12	10.2	8.2	9.2	10.2	8.6	9.5	8.8	7.6	8.2	---	---	---
13	10.3	8.6	9.4	10.3	8.5	9.4	9.1	8.2	8.6	---	---	---
14	10.3	8.5	9.6	9.9	8.9	9.4	8.7	7.6	8.1	---	---	---
15	10.1	8.9	9.6	9.8	8.2	9.0	8.3	7.4	7.8	---	---	---
16	10.3	8.8	9.3	8.8	7.8	8.3	8.4	7.2	7.8	---	---	---
17	10.2	8.2	9.2	8.6	7.7	8.1	8.5	7.5	8.0	---	---	---
18	9.8	8.1	9.1	8.5	7.4	8.0	8.0	7.5	7.7	---	---	---
19	9.4	7.8	8.7	8.6	7.5	8.1	8.3	7.2	7.7	7.8	6.6	7.2
20	9.3	6.8	8.3	9.3	7.7	8.5	8.5	7.3	8.0	7.1	6.4	6.8
21	10.0	7.9	9.1	9.3	7.6	8.6	8.3	7.3	8.0	7.4	5.9	6.7
22	9.6	7.9	8.8	9.4	8.4	8.8	8.0	7.3	7.7	7.0	5.7	6.5
23	8.8	7.5	8.2	9.3	8.3	8.8	8.3	7.0	7.7	7.7	5.8	6.8
24	9.4	7.2	8.4	8.8	7.9	8.5	8.5	7.3	7.9	7.7	6.2	7.1
25	9.8	7.3	8.6	9.1	7.9	8.5	8.6	7.2	7.9	7.9	6.2	6.9
26	10.5	7.8	9.4	8.8	7.9	8.4	9.2	5.3	7.5	7.1	5.2	6.3
27	10.3	8.6	9.3	8.8	7.7	8.2	9.2	6.8	7.7	7.3	5.7	6.3
28	9.5	8.4	8.9	8.7	7.9	8.2	7.8	6.2	7.2	7.1	5.3	6.0
29	---	---	---	8.5	7.7	8.1	8.5	5.9	7.2	7.2	5.3	6.1
30	---	---	---	8.0	7.3	7.8	8.3	5.8	7.3	7.5	5.8	6.5
31	---	---	---	7.7	6.8	7.4	---	---	---	7.7	6.2	6.9
MONTH	11.6	6.8	9.2	10.3	6.1	8.7	9.2	5.3	7.8	8.2	4.0	6.7

COOPER RIVER BASIN

257

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

WATER-QUALITY RECORDS

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 Rd 9.

PERIOD OF RECORD.--October 1980 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1980 to current year.

pH: February 1981 to current year.

WATER TEMPERATURE: February 1981 to current year.

DISSOLVED OXYGEN: February 1981 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 492 microsiemens, July 28, 1988; minimum, 43 microsiemens Sept. 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, July 20, 1986; minimum, 1.5°C, Dec. 26, 1989.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 17, 1990; minimum, 0.0 mg/L, Sept. 23 - Oct. 5, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 261 microsiemens, May 24; minimum, 71 microsiemens, Jan. 10, 11.

pH: Maximum, 8.2 units, June 12 - 14; 6.2 units, Oct 9 - 11.

WATER TEMPERATURE: Maximum, 31.5°C, July 9, 10, 11; minimum, 1.5°C, Dec. 26.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 17; minimum, 0.0 mg/L, Oct. 1 - 5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	116	98	105	114	109	112	108	97	102	133	104	120
2	129	100	111	112	110	111	104	96	101	111	101	107
3	121	98	106	112	107	109	108	100	102	110	101	103
4	101	90	98	111	103	107	101	95	98	103	99	101
5	101	83	94	112	104	107	105	97	101	100	98	98
6	104	86	96	117	103	108	111	100	104	99	96	97
7	119	97	106	113	107	110	114	105	109	100	95	98
8	109	101	103	117	109	112	153	100	123	99	89	95
9	102	97	99	119	109	113	130	99	111	105	76	90
10	103	96	99	113	104	109	111	98	105	88	71	82
11	108	99	103	114	104	110	115	96	105	88	71	80
12	109	99	104	119	106	112	126	93	107	89	79	85
13	109	102	105	131	107	116	111	93	102	90	78	87
14	108	101	104	123	109	115	96	89	93	98	86	92
15	108	103	106	141	111	120	100	88	94	100	91	96
16	113	104	107	120	110	116	98	91	94	106	97	101
17	117	104	109	117	107	113	94	89	92	112	91	104
18	116	108	111	118	105	111	95	92	93	117	108	112
19	114	105	111	121	109	115	94	92	93	114	108	110
20	127	91	108	119	108	114	98	93	95	111	106	108
21	111	77	98	124	113	119	97	90	94	124	109	113
22	117	86	102	124	112	119	95	90	92	128	112	118
23	117	96	108	119	107	113	91	88	89	112	106	109
24	121	101	110	109	102	106	94	88	91	112	104	108
25	131	107	117	113	102	107	98	89	94	129	109	115
26	130	114	121	118	110	114	104	96	99	115	104	110
27	124	114	119	129	112	118	106	97	102	111	103	106
28	124	114	119	150	115	124	112	103	106	123	106	113
29	137	119	127	141	114	125	115	102	108	138	108	119
30	150	114	130	117	100	111	145	104	117	124	103	112
31	119	110	115	---	---	---	164	111	126	112	99	105
MONTH	150	77	108	150	100	113	164	88	101	138	71	103

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	110	97	102	114	101	107	130	91	110	124	96	103
2	117	108	112	119	101	106	128	88	103	113	93	99
3	120	115	117	126	102	112	129	90	108	111	89	98
4	120	116	119	126	104	110	131	86	99	122	89	99
5	120	112	117	119	103	111	142	85	110	128	88	101
6	114	108	110	119	101	107	146	88	115	133	90	108
7	114	109	111	120	97	104	152	89	116	112	92	97
8	115	107	111	109	99	103	126	89	100	120	91	100
9	117	106	109	128	100	111	124	90	99	108	91	99
10	128	107	113	139	102	119	142	91	107	108	88	95
11	135	114	120	132	106	115	154	93	112	118	89	100
12	134	113	121	129	101	114	130	92	103	118	88	97
13	128	110	117	128	98	111	113	87	96	99	89	93
14	124	101	113	121	98	105	111	88	94	93	88	91
15	107	98	103	119	98	104	131	89	102	94	88	90
16	101	97	99	120	97	104	124	91	102	96	89	91
17	108	96	99	129	92	104	127	90	100	98	90	93
18	107	97	99	136	91	112	128	91	102	104	90	95
19	114	98	104	133	87	98	119	92	96	94	89	92
20	115	100	107	121	87	94	116	92	99	93	90	91
21	120	102	108	131	84	94	127	92	106	95	90	92
22	128	101	110	116	85	93	132	94	109	113	91	96
23	125	102	113	110	83	90	125	95	103	256	96	115
24	131	102	116	121	84	94	127	97	108	261	101	168
25	136	104	113	104	85	90	134	95	109	185	91	132
26	113	98	107	109	87	93	121	93	103	118	89	98
27	113	98	103	99	89	93	121	91	101	101	89	94
28	122	99	109	107	92	97	120	95	104	106	90	98
29	---	---	---	129	94	104	127	97	109	116	94	103
30	---	---	---	134	93	110	123	96	106	107	93	100
31	---	---	---	135	93	112	---	---	---	115	94	104
MONTH	136	96	110	139	83	104	154	85	104	261	88	101
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	110	89	99	96	90	94	110	99	102	151	107	115
2	99	90	93	102	92	95	119	95	103	151	106	122
3	99	91	94	108	95	99	---	---	---	121	104	111
4	97	92	94	108	95	102	---	---	---	147	108	118
5	106	91	94	108	95	100	---	---	---	202	119	152
6	106	93	98	108	94	99	---	---	---	177	104	148
7	100	91	95	98	94	96	---	---	---	134	105	118
8	94	90	92	100	94	97	155	111	138	117	101	107
9	94	91	92	108	96	101	124	109	120	118	100	109
10	98	91	94	111	96	102	131	109	117	113	103	109
11	98	92	95	99	95	98	126	110	115	114	102	108
12	110	96	101	99	95	97	119	108	111	214	103	120
13	168	97	128	103	96	100	114	107	109	122	101	112
14	144	98	119	109	96	101	116	106	110	113	101	107
15	127	93	96	103	96	100	116	108	112	107	99	102
16	106	91	96	122	97	105	127	108	114	111	99	103
17	105	95	100	120	96	103	125	110	117	118	102	109
18	103	93	98	115	97	103	151	107	118	137	105	118
19	98	92	95	118	99	107	158	108	127	148	106	120
20	99	89	94	118	98	106	153	105	129	147	103	124
21	115	90	96	107	97	100	130	110	118	118	104	111
22	117	93	104	111	99	104	126	109	115	116	104	109
23	108	94	101	122	99	110	121	111	117	119	107	111
24	123	99	109	103	98	101	123	108	114	112	101	105
25	157	102	126	109	99	104	128	109	116	108	97	104
26	197	112	150	112	100	105	134	112	119	110	100	105
27	199	109	151	113	101	108	128	115	120	118	103	108
28	157	96	105	113	100	105	119	102	109	116	107	110
29	105	92	96	107	100	104	114	101	107	115	108	111
30	99	91	94	108	99	103	112	104	107	125	112	117
31	---	---	---	106	98	101	111	104	108	---	---	---
MONTH	199	89	103	122	90	102	158	95	115	214	97	114
YEAR	261	71	106									

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.4	7.0	7.5	6.9	7.2	6.8	7.2	7.0	7.3	6.9	7.6	7.0
2	7.4	7.0	7.3	6.8	7.2	6.7	7.3	7.1	7.2	6.9	7.4	6.9
3	7.4	6.9	7.2	6.8	7.1	6.7	7.4	6.9	7.1	6.9	7.3	6.9
4	7.3	6.7	7.2	6.9	7.2	7.0	7.1	6.9	7.1	6.8	7.3	6.8
5	7.4	6.7	7.3	6.8	7.3	6.9	7.3	7.0	7.3	6.8	7.5	7.0
6	7.5	6.8	7.1	6.7	7.2	7.1	7.3	7.0	7.5	7.1	7.5	7.0
7	7.3	6.7	7.0	6.8	7.2	7.0	7.1	6.8	7.4	6.8	7.3	6.9
8	7.0	6.3	7.0	6.8	7.1	7.0	7.1	6.5	7.2	6.9	7.2	7.0
9	6.9	6.2	7.0	6.8	7.1	6.9	6.8	6.4	7.2	6.9	7.2	6.8
10	6.4	6.2	7.1	6.8	7.1	6.7	7.0	6.4	7.1	6.9	7.1	6.7
11	6.7	6.2	7.1	6.7	7.1	6.6	7.1	6.5	7.2	6.8	7.2	6.8
12	6.9	6.4	7.1	6.8	7.0	6.6	7.3	6.6	7.2	6.9	7.3	6.8
13	7.1	6.5	7.1	6.7	7.1	6.7	7.3	6.8	7.3	7.0	7.2	6.8
14	6.9	6.6	7.0	6.8	7.1	6.6	7.4	7.0	7.5	7.0	7.2	6.8
15	7.0	6.7	7.0	6.7	7.1	6.7	7.4	7.0	7.6	7.1	7.2	6.9
16	7.0	6.8	7.0	6.7	7.2	6.8	7.4	7.1	7.5	7.2	7.2	6.9
17	7.2	6.8	7.0	6.6	7.2	7.0	7.3	7.1	7.4	7.0	7.1	6.9
18	7.3	6.9	7.0	6.7	7.2	7.0	7.5	7.1	7.4	7.1	7.0	6.9
19	7.3	6.9	7.1	6.6	7.3	7.1	7.4	7.0	7.2	6.8	7.2	6.9
20	7.3	6.8	7.1	6.8	7.3	6.9	7.3	7.0	7.3	6.8	7.4	7.1
21	7.4	6.9	7.1	6.8	7.3	6.8	7.2	6.9	7.4	7.0	7.6	7.2
22	7.3	6.9	7.1	6.9	7.4	6.9	7.2	6.8	7.4	6.9	7.6	7.2
23	7.3	7.0	7.2	6.9	7.4	7.1	7.4	7.1	7.2	6.8	7.7	7.2
24	7.1	6.9	7.3	6.9	7.5	7.1	7.4	7.0	7.2	6.8	7.6	7.2
25	7.3	6.8	7.3	6.9	7.5	7.2	7.2	7.0	7.3	6.9	7.4	7.1
26	7.2	6.9	7.2	6.7	7.4	7.0	7.3	6.9	7.6	7.0	7.3	7.0
27	7.3	6.8	7.1	6.7	7.4	6.9	7.3	7.0	7.8	7.1	7.3	7.1
28	7.2	6.8	7.0	6.7	7.3	7.0	7.2	6.9	7.6	6.9	7.3	7.1
29	7.2	6.7	7.0	6.6	7.2	7.1	7.2	7.0	---	---	7.3	7.0
30	7.5	6.7	7.1	6.7	7.3	7.0	7.1	6.8	---	---	7.1	6.8
31	7.5	7.1	---	---	7.2	7.0	7.2	6.9	---	---	7.1	6.6
MONTH	7.5	6.2	7.5	6.6	7.5	6.6	7.5	6.4	7.8	6.8	7.7	6.6
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	6.5	7.8	7.0	7.5	7.1	7.3	7.1	7.9	7.3	7.6	7.3
2	7.1	6.5	7.8	7.0	7.4	7.0	7.4	7.1	7.9	7.3	7.5	7.2
3	7.2	6.5	7.7	7.0	7.3	7.0	7.6	7.2	---	---	7.7	7.1
4	7.5	6.6	7.5	7.0	7.3	7.0	7.5	7.2	---	---	7.5	7.2
5	7.3	6.6	7.6	7.1	7.8	7.0	7.4	7.1	---	---	7.6	7.1
6	7.4	6.7	7.5	7.0	7.9	7.1	7.4	7.1	---	---	7.6	7.1
7	7.5	6.8	7.7	7.2	7.5	7.2	7.5	7.1	---	---	7.5	7.1
8	7.6	6.9	7.8	7.2	7.4	7.0	7.6	7.2	7.3	6.8	---	---
9	7.6	7.0	7.6	7.2	7.4	7.1	7.6	7.2	7.3	6.8	---	---
10	7.6	6.9	7.5	7.2	7.4	7.1	7.8	7.2	7.4	6.7	---	---
11	7.5	7.0	7.5	7.0	7.8	7.2	7.8	7.3	7.4	6.7	---	---
12	7.7	7.1	7.7	7.0	8.2	7.3	7.8	7.3	7.4	6.6	---	---
13	7.9	7.2	7.7	7.2	8.2	7.4	7.9	7.3	7.3	6.6	---	---
14	7.9	7.2	7.8	7.1	8.2	7.4	7.6	7.3	7.4	6.7	---	---
15	7.4	7.0	7.7	7.2	7.8	7.2	7.4	7.2	7.3	6.8	---	---
16	7.5	7.0	7.8	7.2	7.4	7.1	7.6	7.2	7.2	7.0	---	---
17	7.7	7.0	7.6	7.1	7.4	7.2	7.6	7.2	7.3	7.0	---	---
18	7.5	7.0	7.4	7.0	7.5	7.1	7.4	7.2	7.5	7.0	8.0	7.3
19	7.6	7.1	7.5	7.1	7.4	7.0	7.5	7.2	7.5	7.1	8.0	7.2
20	7.6	7.1	7.5	7.2	7.5	7.0	7.4	7.2	7.4	7.1	7.9	7.3
21	7.6	7.0	7.4	7.1	7.5	7.1	7.6	7.2	7.7	7.1	7.6	7.2
22	7.5	7.0	7.2	7.0	7.4	7.1	7.7	7.4	7.7	7.3	7.6	7.2
23	7.6	7.2	7.5	7.1	7.4	7.1	8.1	7.5	7.6	7.2	7.6	7.1
24	7.7	7.1	7.3	7.1	7.5	7.1	8.0	7.6	7.6	7.2	7.9	7.1
25	7.7	7.0	7.2	6.8	7.5	7.2	7.9	7.6	7.6	7.1	8.0	7.2
26	7.7	7.1	7.2	6.8	7.6	7.2	7.9	7.4	7.6	7.1	7.9	7.2
27	7.6	7.0	7.1	6.7	7.6	7.3	8.0	7.6	7.5	7.0	7.6	7.1
28	7.6	7.1	7.0	6.8	7.5	7.2	7.9	7.5	7.6	7.3	7.6	7.2
29	7.5	7.0	7.2	6.8	7.5	7.2	7.9	7.5	7.5	7.3	7.5	7.2
30	7.6	7.1	7.3	6.8	7.4	7.1	7.9	7.4	7.5	7.3	7.4	7.2
31	---	---	7.3	7.0	---	---	7.7	7.4	7.6	7.3	---	---
MONTH	7.9	6.5	7.8	6.7	8.2	7.0	8.1	7.1	7.9	6.6	8.0	7.1
YEAR	8.2	6.2										

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	23.5	22.5	22.5	19.0	18.5	18.5	13.5	13.0	13.0	8.0	6.5	6.5
2	24.0	23.0	23.0	19.0	19.0	19.0	13.5	12.5	12.5	7.0	5.5	5.5
3	25.0	23.0	23.0	19.0	18.5	18.5	13.0	11.5	11.5	6.5	6.0	6.0
4	24.5	24.0	24.0	18.5	18.0	18.0	12.0	11.0	11.0	7.0	6.5	6.5
5	24.0	23.5	23.5	18.5	17.5	17.5	11.0	10.0	10.0	7.0	6.5	6.5
6	24.0	23.5	23.5	18.5	17.5	17.5	11.0	10.5	10.5	8.0	7.0	7.0
7	24.5	23.5	23.5	19.0	18.5	18.5	11.5	11.0	11.0	8.5	7.5	7.5
8	24.0	23.5	23.5	19.0	18.5	18.5	11.5	11.0	11.0	11.0	8.0	8.0
9	23.5	22.5	22.5	19.5	19.0	19.0	11.0	9.5	9.5	11.5	9.5	9.5
10	22.5	21.5	21.5	19.0	18.0	18.0	9.5	8.5	8.5	11.5	10.0	10.0
11	22.5	21.0	21.0	18.5	17.5	17.5	9.5	8.0	8.0	11.5	10.0	10.0
12	22.5	21.5	21.5	18.5	17.5	17.5	9.5	8.5	8.5	11.0	9.5	9.5
13	23.0	21.5	21.5	19.0	18.0	18.0	9.5	9.0	9.0	10.0	8.5	8.5
14	22.5	22.0	22.0	19.0	18.0	18.0	9.0	8.5	8.5	9.0	8.0	8.0
15	22.5	22.0	22.0	19.0	18.5	18.5	9.0	7.5	7.5	9.5	8.0	8.0
16	23.0	22.0	22.0	19.0	18.0	18.0	9.0	8.0	8.0	9.5	8.5	8.5
17	23.5	22.5	22.5	18.0	16.0	16.0	8.5	7.0	7.0	10.5	9.0	9.0
18	23.5	22.5	22.5	16.0	15.5	15.5	7.5	6.5	6.5	10.5	9.5	9.5
19	23.0	21.5	21.5	15.5	14.5	14.5	7.5	6.5	6.5	11.0	9.5	9.5
20	21.5	18.5	18.5	15.0	14.5	14.5	7.5	6.0	6.0	11.0	9.5	9.5
21	18.5	16.5	16.5	15.0	14.5	14.5	7.0	6.0	6.0	12.0	9.5	9.5
22	18.0	16.5	16.5	15.5	14.5	14.5	6.5	5.5	5.5	12.5	10.5	10.5
23	18.5	17.0	17.0	15.5	14.5	14.5	5.5	3.5	3.5	11.0	10.0	10.0
24	18.5	17.0	17.0	14.5	13.5	13.5	3.5	2.0	2.0	11.5	10.5	10.5
25	18.5	17.5	17.5	13.5	13.0	13.0	2.5	2.0	2.0	13.5	11.5	11.5
26	18.5	17.5	17.5	14.0	13.5	13.5	3.0	1.5	1.5	13.5	11.5	11.5
27	18.5	17.5	17.5	14.5	13.5	13.5	3.5	2.0	2.0	12.0	10.5	10.5
28	18.0	17.5	17.5	15.5	14.0	14.0	4.5	3.0	3.0	12.0	10.5	10.5
29	18.5	17.5	17.5	15.5	14.5	14.5	5.0	4.0	4.0	13.0	11.5	11.5
30	19.0	18.0	18.0	14.5	13.5	13.5	5.5	4.5	4.5	12.5	11.5	11.5
31	19.0	18.5	18.5	---	---	---	6.5	5.5	5.5	12.5	11.5	11.5
MONTH	25.0	16.5	20.5	19.5	13.0	16.5	13.5	1.5	7.0	13.5	5.5	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.5	11.0	11.0	14.0	13.0	13.0	19.5	17.5	17.5	25.0	22.0	22.0
2	13.0	11.5	11.5	14.0	13.5	13.5	20.5	18.5	18.5	25.5	23.0	23.0
3	14.5	12.5	12.5	15.0	13.5	13.5	21.0	18.5	18.5	26.5	23.5	23.5
4	15.0	14.0	14.0	15.0	14.0	14.0	20.0	17.5	17.5	27.0	24.0	24.0
5	15.0	13.5	13.5	15.5	14.0	14.0	20.0	17.5	17.5	26.5	23.0	23.0
6	13.5	12.5	12.5	16.0	14.0	14.0	20.5	18.0	18.0	25.5	22.5	22.5
7	14.5	13.0	13.0	15.5	13.5	13.5	20.0	18.5	18.5	24.5	22.0	22.0
8	15.0	14.0	14.0	14.0	12.5	12.5	20.0	18.0	18.0	24.5	22.5	22.5
9	15.5	14.0	14.0	14.0	13.0	13.0	19.5	18.0	18.0	24.0	22.5	22.5
10	15.5	15.0	15.0	16.0	13.5	13.5	20.5	18.5	18.5	24.5	22.5	22.5
11	16.0	14.5	14.5	17.5	15.0	15.0	21.0	19.5	19.5	24.5	22.5	22.5
12	15.5	14.0	14.0	18.5	15.5	15.5	19.5	18.5	18.5	24.5	23.0	23.0
13	15.0	14.0	14.0	18.0	16.0	16.0	19.5	18.0	18.0	24.5	23.5	23.5
14	15.5	14.5	14.5	20.0	16.5	16.5	19.0	18.5	18.5	25.0	23.5	23.5
15	16.0	15.0	15.0	20.0	17.0	17.0	20.5	18.0	18.0	25.5	23.5	23.5
16	16.5	15.0	15.0	21.0	17.0	17.0	21.0	19.0	19.0	26.5	24.5	24.5
17	17.5	15.5	15.5	21.5	16.5	16.5	22.0	20.0	20.0	27.0	25.5	25.5
18	17.5	15.0	15.0	21.5	16.5	16.5	22.0	19.0	19.0	27.0	24.5	24.5
19	15.5	14.5	14.5	19.5	16.5	16.5	19.5	18.5	18.5	26.0	24.5	24.5
20	15.5	14.5	14.5	19.5	17.0	17.0	19.5	18.0	18.0	26.0	25.0	25.0
21	15.0	14.0	14.0	18.0	15.5	15.5	21.0	18.5	18.5	26.5	25.0	25.0
22	16.5	14.5	14.5	17.5	16.0	16.0	22.0	20.0	20.0	26.5	25.0	25.0
23	16.5	16.0	16.0	18.5	16.5	16.5	22.0	20.0	20.0	25.5	24.0	24.0
24	16.0	14.0	14.0	19.5	17.0	17.0	23.0	20.5	20.5	25.5	24.5	24.5
25	14.0	13.0	13.0	19.5	17.5	17.5	24.0	21.0	21.0	25.5	24.0	24.0
26	13.5	12.0	12.0	19.5	18.5	18.5	24.5	21.0	21.0	25.0	24.0	24.0
27	13.0	11.5	11.5	18.5	17.5	17.5	24.5	21.0	21.0	25.5	24.5	24.5
28	13.5	12.0	12.0	18.0	17.0	17.0	23.0	21.5	21.5	26.0	25.0	25.0
29	---	---	---	17.5	17.0	17.0	24.0	21.5	21.5	26.0	25.5	25.5
30	---	---	---	17.5	17.0	17.0	24.5	22.0	22.0	25.5	24.5	24.5
31	---	---	---	18.0	17.0	17.0	---	---	---	25.0	24.5	24.5
MONTH	17.5	11.0	13.5	21.5	12.5	15.5	24.5	17.5	19.0	27.0	22.0	24.0

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.2	.0	.3	7.8	5.5	7.0	9.4	8.3	9.1	12.0	10.5	11.5
2	.8	.0	.1	7.8	5.5	7.0	9.4	8.2	9.0	12.1	11.0	11.7
3	6.2	.0	2.0	7.4	5.6	6.9	9.4	8.1	9.0	12.3	10.8	11.7
4	6.1	.0	3.0	7.5	5.9	7.0	9.8	8.9	9.5	11.6	10.7	11.3
5	5.0	.0	2.8	7.8	5.8	7.2	10.0	9.1	9.7	11.8	10.9	11.4
6	4.3	.1	1.3	7.5	5.8	7.1	9.9	9.4	9.7	11.8	10.6	11.2
7	3.1	.2	.9	7.3	6.0	6.9	9.7	9.0	9.5	11.3	10.1	10.9
8	5.3	.3	2.3	7.1	6.0	6.7	9.7	8.9	9.5	11.1	8.5	9.7
9	6.0	.4	3.6	7.5	6.5	6.9	9.9	9.1	9.5	10.2	7.9	9.1
10	6.7	.5	3.6	7.8	6.4	7.2	10.3	8.9	9.6	10.5	7.8	9.2
11	7.2	.7	4.0	8.0	6.4	7.4	10.3	8.8	9.8	11.2	8.2	9.8
12	6.3	.8	3.9	8.2	6.9	7.7	10.4	8.7	9.7	11.6	9.0	10.5
13	7.2	1.1	4.5	8.1	6.8	7.7	10.4	9.3	9.9	12.0	9.6	11.1
14	6.5	4.4	5.6	8.0	6.8	7.7	10.4	8.8	9.7	12.2	11.1	11.7
15	6.5	4.3	5.4	7.8	6.4	7.4	10.4	9.0	10.0	12.1	10.9	11.7
16	6.4	3.2	4.9	7.8	6.8	7.4	10.5	9.6	10.2	12.3	11.3	11.9
17	6.0	2.9	4.9	8.2	6.6	7.4	10.7	10.1	10.5	13.0	11.4	12.0
18	5.9	3.0	4.8	8.3	6.7	7.7	10.8	10.2	10.6	12.2	11.1	11.8
19	5.6	2.5	4.3	8.4	6.2	7.8	11.0	10.5	10.8	11.9	10.8	11.5
20	5.7	2.1	3.7	8.5	7.8	8.3	11.2	10.2	10.6	11.8	10.7	11.4
21	6.0	3.2	4.8	8.7	7.7	8.4	11.3	9.8	10.8	11.4	9.9	10.9
22	6.4	4.2	5.5	8.8	8.2	8.5	11.5	10.2	11.0	11.6	9.4	10.7
23	---	---	---	9.1	8.2	8.7	11.9	11.0	11.5	11.9	10.7	11.4
24	---	---	---	9.6	8.4	9.1	12.7	11.3	12.1	11.6	10.5	11.2
25	---	---	---	9.7	8.7	9.4	12.9	11.9	12.5	11.3	10.4	10.9
26	---	---	---	9.6	8.1	9.2	12.8	11.5	12.4	11.3	9.7	10.5
27	---	---	---	9.4	8.2	9.0	12.7	11.8	12.4	11.4	10.0	10.9
28	---	---	---	9.1	7.9	8.8	12.5	11.7	12.2	11.4	10.3	11.0
29	---	---	---	9.1	7.9	8.7	12.4	11.8	12.1	11.3	10.2	10.8
30	---	---	---	9.4	8.0	8.9	12.3	11.3	11.9	11.0	10.0	10.6
31	8.0	6.5	7.4	---	---	---	12.2	11.4	11.9	11.1	10.0	10.6
MONTH	8.0	.0	3.6	9.7	5.5	7.8	12.9	8.1	10.5	13.0	7.8	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.7	9.8	10.3	10.2	8.7	9.6	7.4	4.4	5.7	8.2	6.0	7.4
2	10.4	9.8	10.1	10.0	9.0	9.6	7.6	4.0	5.8	7.9	6.2	7.3
3	10.5	9.6	10.1	9.6	8.6	9.1	7.5	3.8	5.4	8.3	6.0	7.1
4	10.2	9.3	9.8	9.6	8.6	9.1	8.3	4.4	6.7	7.7	5.6	6.7
5	10.3	9.0	9.6	9.9	8.8	9.4	8.1	4.8	6.2	7.7	5.7	6.6
6	10.7	9.7	10.2	10.0	8.9	9.5	8.1	5.1	6.6	7.9	5.0	6.5
7	10.6	9.3	10.1	9.8	8.8	9.3	8.5	5.6	7.0	8.3	6.4	7.3
8	10.4	9.4	10.0	9.6	8.8	9.3	8.7	6.6	7.8	8.3	6.4	7.3
9	10.1	9.4	9.7	9.5	8.2	8.9	8.8	6.8	7.9	7.8	6.5	7.3
10	9.5	8.6	9.1	9.5	7.7	8.7	8.5	6.6	7.7	7.3	6.6	7.0
11	9.5	8.1	8.9	9.7	7.8	9.1	8.2	6.8	7.6	7.9	5.7	6.9
12	9.7	8.6	9.2	9.9	8.1	9.3	8.8	6.8	8.1	8.0	6.1	7.3
13	10.1	8.9	9.6	10.6	8.0	9.3	9.0	7.7	8.4	8.0	6.8	7.4
14	10.5	9.2	9.7	10.4	8.1	9.5	8.8	7.6	8.2	8.1	6.6	7.5
15	9.8	8.6	9.2	9.9	8.5	9.3	8.2	6.8	7.7	7.8	6.7	7.4
16	9.3	8.7	9.0	9.6	8.3	9.1	8.4	6.9	7.8	8.0	6.9	7.5
17	9.2	8.2	8.8	9.5	7.7	8.8	8.4	6.8	7.8	7.6	6.8	7.3
18	9.3	8.3	8.9	8.9	7.3	8.2	8.0	6.6	7.4	7.6	6.2	6.8
19	8.8	7.6	8.5	8.8	7.4	8.3	8.3	6.6	7.7	7.7	6.6	7.0
20	9.1	7.3	8.4	8.8	7.3	8.2	8.6	7.1	7.8	7.7	6.8	7.0
21	9.5	8.3	9.0	9.2	7.5	8.6	8.4	6.6	7.5	7.1	6.3	6.6
22	9.5	8.2	9.1	9.4	8.0	8.7	8.1	6.3	7.3	6.9	6.0	6.4
23	9.2	7.8	8.5	9.3	8.0	8.7	8.4	7.0	7.7	7.5	6.1	6.6
24	10.9	7.9	8.9	9.4	7.9	8.7	8.6	6.8	7.8	7.5	5.8	6.6
25	10.6	8.4	9.5	8.8	7.7	8.3	8.6	6.4	7.7	7.5	5.8	6.7
26	10.7	9.4	10.1	8.5	7.1	8.0	8.3	6.5	7.6	7.0	5.9	6.4
27	11.4	9.8	10.5	8.3	7.2	7.8	8.1	6.4	7.4	6.5	5.4	6.0
28	11.4	8.9	10.1	8.1	7.2	7.7	8.0	6.4	7.3	6.3	5.5	5.9
29	---	---	---	8.1	6.7	7.4	7.6	6.1	7.0	6.5	5.2	5.9
30	---	---	---	7.6	5.7	6.4	8.0	6.4	7.4	6.8	5.7	6.2
31	---	---	---	7.6	4.9	6.3	---	---	---	6.9	6.0	6.5
MONTH	11.4	7.3	9.5	10.6	4.9	8.7	9.0	3.8	7.3	8.3	5.0	6.9

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°03'27'', long 79°56'11'', Berkeley County, Hydrologic Unit 03050201, on right bank, 6.2 mi downstream from Seaboard Coast Line Railroad bridge, 7.4 mi upstream from Goose Creek, and at mile 28.5.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1981 to current year.

GAGE.--Data collection platform. Datum of gage is 14.34 feet below National Geodetic Vertical Datum 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, 20.70 ft, Jan. 25, 1990; minimum, 7.08 ft, Jan. 1, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.70 ft, Jan. 25; minimum, 7.08 ft, Jan. 1.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	18.41	15.20	16.85	17.82	14.32	16.04	19.81	11.74	16.15	17.37	7.08	12.51
2	18.22	14.83	16.65	18.03	14.12	16.11	19.55	11.90	15.48	17.96	8.74	13.60
3	18.31	14.89	16.66	17.77	14.44	16.07	17.72	8.37	13.44	16.81	9.12	13.26
4	18.35	15.29	16.86	17.78	14.37	16.11	19.13	10.20	14.69	16.64	9.55	13.39
5	18.44	15.66	16.96	17.82	14.55	16.12	17.86	9.42	14.03	16.95	8.85	13.27
6	17.93	15.29	16.49	17.38	14.31	15.83	18.47	11.24	15.11	17.47	9.06	13.77
7	17.39	13.66	15.69	17.32	13.79	15.65	18.03	10.80	14.68	18.53	11.70	15.43
8	17.92	14.26	16.15	17.33	13.99	15.81	19.73	12.65	16.91	19.81	10.80	15.62
9	18.41	15.33	16.78	17.69	13.76	16.14	20.26	12.82	17.37	18.94	9.54	14.97
10	18.22	15.18	16.78	17.50	13.69	15.89	20.14	12.11	16.68	18.88	9.92	14.67
11	18.54	15.20	16.86	17.58	13.24	15.88	20.27	11.87	16.63	19.64	9.03	15.40
12	18.11	14.82	16.60	17.72	13.43	15.72	20.29	11.18	16.46	19.22	9.43	14.78
13	18.13	14.20	16.36	18.08	12.77	15.93	20.30	11.98	16.45	19.39	8.30	14.78
14	18.40	14.10	16.48	18.20	13.36	16.01	19.84	10.58	15.48	19.51	11.41	15.60
15	18.51	14.22	16.56	17.91	13.23	15.77	19.75	10.15	15.50	18.64	11.42	15.13
16	18.21	13.76	16.30	17.59	10.56	15.07	18.53	10.37	14.76	18.62	10.88	14.91
17	18.18	13.79	16.19	19.13	7.92	14.44	19.12	11.09	15.15	17.84	11.45	14.87
18	17.91	13.43	15.93	18.79	10.07	14.67	18.59	11.05	15.08	18.22	12.01	15.35
19	17.72	13.91	15.74	18.03	9.71	14.36	19.23	13.02	15.88	17.63	12.45	14.96
20	16.91	12.31	14.80	17.74	10.01	14.48	17.72	11.66	14.90	19.03	12.73	15.91
21	17.17	12.91	15.18	17.28	9.73	13.77	18.17	11.18	15.19	18.37	9.54	14.62
22	17.15	13.50	15.38	18.55	12.72	15.79	17.71	11.87	14.96	17.13	11.32	14.63
23	17.44	14.33	16.01	18.08	11.71	15.22	18.23	11.80	15.06	18.82	11.94	15.55
24	17.54	14.37	16.13	18.90	12.49	16.04	18.20	11.80	15.25	19.69	11.60	16.50
25	17.77	14.68	16.39	19.41	12.97	16.30	19.33	12.35	15.79	20.70	12.61	16.87
26	18.25	15.06	16.85	19.50	12.47	16.12	17.45	10.27	13.91	18.92	10.38	14.96
27	18.33	15.10	16.86	19.47	11.86	15.99	17.97	9.10	14.13	20.12	9.66	15.54
28	18.22	14.94	16.57	19.44	11.65	15.61	17.02	8.76	13.25	20.03	10.75	15.68
29	18.27	14.78	16.75	18.71	10.61	15.13	18.40	9.14	13.83	20.10	11.05	16.14
30	18.27	15.18	16.84	19.84	11.78	16.01	17.76	8.80	13.65	19.84	10.35	15.63
31	18.35	14.95	16.66	---	---	---	18.17	9.34	14.01	20.03	10.79	15.87
MONTH	18.54	12.31	16.36	19.84	7.92	15.60	20.30	8.37	15.16	20.70	7.08	14.97

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	20.20	12.06	16.47	17.71	13.97	16.07	17.80	14.60	16.22	17.74	13.75	15.96
2	19.49	11.98	15.83	18.00	14.11	16.16	17.80	14.75	16.34	18.99	14.40	16.85
3	19.13	11.03	15.43	17.73	13.67	15.80	17.41	14.23	15.96	17.24	14.00	15.79
4	19.14	9.64	15.37	17.34	14.45	15.94	17.59	14.39	16.26	17.36	13.67	15.71
5	18.57	12.72	15.72	17.64	14.32	16.18	17.13	13.97	15.78	16.89	13.31	15.38
6	20.05	12.48	17.03	17.57	14.13	16.10	17.09	13.72	15.57	17.36	13.33	15.32
7	20.02	11.47	16.07	17.70	14.21	16.47	16.96	13.33	15.25	17.65	13.73	15.74
8	19.94	10.80	16.36	18.02	14.87	16.42	17.41	13.73	15.69	17.31	13.30	15.46
9	19.80	11.56	16.18	17.62	14.14	15.91	17.41	13.88	15.74	17.66	13.83	15.56
10	19.73	11.17	15.80	17.13	13.26	15.38	17.24	13.32	15.48	16.80	14.08	15.15
11	19.57	10.27	15.67	17.20	13.58	15.54	16.63	12.68	14.99	15.27	11.07	13.19
12	18.96	10.91	15.49	17.36	13.53	15.56	17.29	13.23	15.20	15.36	11.70	13.38
13	18.94	11.20	15.28	17.09	13.34	15.29	17.33	13.86	15.50	15.08	11.76	13.49
14	16.61	13.15	14.96	17.30	13.57	15.39	17.25	14.18	15.80	---	---	---
15	16.57	13.42	15.11	17.12	13.72	15.56	17.36	13.81	15.52	---	---	---
16	16.67	13.59	15.14	17.18	13.94	15.52	16.94	14.08	15.45	---	---	---
17	16.15	13.26	14.73	17.11	13.59	15.36	16.96	14.07	15.44	---	---	---
18	16.48	14.46	15.51	16.46	13.17	14.83	16.67	14.12	15.47	---	---	---
19	16.82	13.32	15.13	16.57	14.18	15.31	17.33	14.51	16.15	---	---	---
20	16.41	13.90	15.27	16.78	13.83	15.28	17.16	13.97	15.70	---	---	---
21	17.20	14.17	15.80	16.76	14.04	15.53	17.00	13.42	15.48	---	---	---
22	17.38	13.67	15.70	17.00	14.05	15.67	17.60	13.15	15.53	---	---	---
23	17.04	13.26	15.35	17.06	13.78	15.57	17.77	13.64	15.94	---	---	---
24	16.29	11.82	14.40	17.60	13.42	15.66	17.72	13.26	15.75	---	---	---
25	17.03	11.24	14.79	17.52	13.86	15.85	17.91	12.78	15.54	---	---	---
26	17.92	13.18	15.75	17.93	13.62	15.92	18.04	12.78	15.51	---	---	---
27	17.68	13.73	15.88	18.13	14.19	16.25	17.84	12.97	15.66	---	---	---
28	17.54	13.25	15.66	18.25	14.23	16.33	17.57	13.37	15.64	---	---	---
29	---	---	---	18.06	14.26	16.45	17.65	13.18	15.48	---	---	---
30	---	---	---	17.95	13.73	15.94	17.52	13.51	15.48	---	---	---
31	---	---	---	17.67	14.20	16.00	---	---	---	---	---	---
MONTH	20.20	9.64	15.57	18.25	13.17	15.78	18.04	12.68	15.65	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	17.52	13.14	15.44	17.44	13.72	15.67	17.84	14.22	16.13
2	---	---	---	17.37	13.38	15.58	17.59	14.38	16.05	18.31	14.25	16.30
3	---	---	---	17.93	14.36	16.14	17.85	14.28	16.13	17.96	14.02	16.22
4	---	---	---	17.86	14.10	16.09	17.76	13.90	15.95	17.95	14.09	16.09
5	---	---	---	17.46	13.50	15.62	17.63	13.80	15.83	18.07	14.43	16.32
6	---	---	---	17.87	13.62	15.62	17.65	13.57	15.70	18.17	14.41	16.45
7	---	---	---	17.98	14.13	15.97	17.83	13.59	15.80	17.70	14.23	16.23
8	17.64	13.66	15.97	17.93	14.12	16.03	17.82	14.08	16.01	17.74	13.70	16.00
9	17.39	13.66	15.49	17.50	14.15	15.88	17.78	14.18	16.12	17.91	13.82	16.14
10	17.08	13.61	15.25	17.37	13.80	15.62	17.65	14.00	16.14	18.14	14.05	16.30
11	17.64	13.50	15.42	17.21	13.48	15.53	17.63	13.98	16.11	18.13	14.01	16.26
12	17.70	14.32	15.93	17.13	13.41	15.28	17.64	13.74	15.96	18.08	14.23	16.37
13	17.85	14.62	16.16	17.09	13.19	15.28	17.72	13.52	15.88	18.22	14.26	16.43
14	17.77	14.40	16.12	17.23	13.60	15.58	17.45	13.14	15.64	18.39	14.38	16.55
15	17.82	14.34	16.37	17.24	12.91	15.40	17.53	12.70	15.46	18.27	14.40	16.56
16	17.89	14.78	16.62	17.03	12.69	15.15	17.82	12.89	15.67	18.17	14.09	16.28
17	18.14	14.75	16.70	17.70	12.65	15.59	18.20	13.70	16.07	18.36	14.52	16.48
18	18.47	14.12	16.62	17.30	12.51	15.29	18.08	13.69	16.14	18.35	14.70	16.63
19	18.44	13.73	16.42	17.75	12.62	15.44	18.11	13.92	16.18	18.15	14.70	16.58
20	18.28	13.43	16.18	18.22	12.73	15.64	18.12	13.83	16.12	18.01	14.65	16.45
21	17.97	13.29	16.07	17.73	12.61	15.61	18.06	14.06	16.08	17.92	14.52	16.49
22	17.99	12.83	15.81	17.57	13.09	15.40	18.05	14.31	16.32	17.74	14.58	16.24
23	17.88	12.58	15.50	18.23	13.56	15.87	17.97	14.73	16.57	17.61	13.89	15.99
24	17.91	13.24	15.61	17.81	14.16	16.04	17.77	14.60	16.34	17.46	14.21	15.94
25	17.81	13.80	15.82	17.77	14.17	16.23	17.47	14.34	15.92	17.25	14.25	15.82
26	17.85	14.17	16.01	17.90	14.52	16.41	17.21	13.73	15.63	17.13	14.11	15.70
27	17.78	14.20	16.07	17.95	14.97	16.63	17.32	13.78	15.73	17.39	13.70	15.64
28	17.62	14.08	15.96	17.76	14.83	16.48	17.47	13.97	15.90	17.50	14.35	15.95
29	17.43	13.65	15.79	17.98	14.68	16.45	17.50	14.24	15.89	17.77	14.60	16.21
30	17.20	13.18	15.45	17.71	14.44	16.23	17.34	14.21	15.82	17.59	14.23	16.11
31	---	---	---	17.71	14.03	16.01	17.82	14.58	16.16	---	---	---
MONTH	---	---	---	18.23	12.51	15.79	18.20	12.70	15.97	18.39	13.70	16.23

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1970 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: July 1981 to current year.

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: July 1981 to current year.

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

REMARKS.--Top and bottom temperature July 1975 to October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 4270 microsiemens, Oct. 8, 1985; minimum, 30 microsiemens, Sept. 2 - 4, 1987.

pH: Maximum, 8.5 units, Sept. 29, 30, 1981; minimum, 5.8 units, May 11, 12, 1990.

WATER TEMPERATURE: Maximum, 32.0°C, July 20, 21, 1986; minimum, 3.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Feb. 1, 1985; minimum, 0.0 mg/L, Oct. 2, 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 1870 microsiemens, May 23; minimum, 62 microsiemens, April 15.

pH: Maximum, 7.8 units, Sept. 26; minimum, 5.8 units, May 11, 12.

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 2, Sept. 13; minimum, 4.5°C, Dec. 27.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 1; minimum 0.0 mg/L, Oct. 2, 7, 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	134	118	123	178	133	150	214	94	140	376	162	241
2	148	118	126	166	131	147	113	86	97	252	138	202
3	138	118	122	164	130	147	101	83	88	190	126	162
4	134	114	121	157	127	139	90	78	84	170	115	146
5	138	116	124	153	126	139	87	75	80	133	112	119
6	136	116	122	224	124	172	130	79	98	127	111	117
7	138	118	123	206	115	159	154	77	125	157	110	130
8	138	124	127	189	113	147	409	78	214	168	102	122
9	148	124	129	207	114	154	356	93	212	121	94	107
10	146	122	125	159	108	131	170	81	130	109	85	98
11	144	116	125	152	108	128	185	72	126	112	85	95
12	126	116	122	173	107	138	278	67	157	96	84	91
13	146	118	130	244	112	158	256	122	180	95	88	92
14	170	124	143	222	109	150	172	118	135	98	87	92
15	162	124	141	265	114	185	150	112	128	99	85	92
16	166	124	142	283	128	174	144	114	125	105	85	92
17	174	126	144	171	126	143	136	116	128	99	84	91
18	170	128	146	169	119	146	146	116	132	97	82	88
19	172	126	153	154	115	135	130	116	123	90	79	83
20	148	138	143	185	107	138	118	108	115	88	79	82
21	150	136	143	145	100	125	122	112	116	91	77	82
22	156	134	146	218	104	161	162	112	130	95	77	84
23	210	136	169	206	122	157	152	118	132	93	75	84
24	270	140	199	150	114	129	134	116	122	284	78	131
25	338	148	241	128	106	118	148	116	125	354	92	195
26	382	148	253	202	112	135	144	116	130	284	99	170
27	212	130	167	226	112	163	222	122	151	181	95	131
28	200	134	158	272	114	189	216	124	174	223	101	150
29	292	134	183	250	118	182	236	134	183	330	120	202
30	398	152	247	228	126	174	272	140	203	306	108	194
31	380	138	218	---	---	---	346	160	243	230	102	163
MONTH	398	114	153	283	100	150	409	67	140	376	75	127

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

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	7.0	7.3	7.0	7.1	7.1	7.2	7.0	7.5	6.9
2	6.6	6.3	7.2	6.7	7.3	7.2	7.2	7.1	7.2	7.0	7.4	7.2
3	6.6	6.2	7.2	7.1	7.3	7.2	7.2	7.1	7.2	7.0	7.3	7.1
4	6.5	6.3	7.2	6.9	7.5	7.3	7.3	7.1	7.2	7.0	7.4	7.0
5	6.5	6.3	7.1	6.7	7.6	7.4	7.3	7.2	7.2	7.0	7.3	7.1
6	6.5	6.0	6.9	6.7	7.6	7.4	7.3	7.2	7.2	7.0	7.3	7.0
7	6.3	5.9	6.7	6.3	7.5	7.2	7.2	7.1	7.2	7.0	7.3	7.0
8	6.6	6.3	6.7	6.6	7.6	7.3	7.2	7.0	7.2	7.1	7.2	7.0
9	6.5	6.3	6.9	6.6	7.6	7.5	7.1	6.8	7.3	7.0	7.2	7.0
10	6.5	6.4	6.9	6.7	7.6	7.4	6.9	6.8	7.2	7.0	7.2	7.0
11	6.5	6.3	7.1	6.5	7.4	7.1	6.9	6.8	7.2	7.0	7.2	7.0
12	6.5	6.3	7.2	6.8	7.2	6.9	7.0	6.6	7.3	7.1	7.2	7.0
13	6.5	6.3	7.5	6.7	7.0	6.9	7.1	7.0	7.4	7.1	7.1	6.9
14	6.5	6.3	7.4	6.9	7.1	6.9	7.2	7.0	7.3	7.0	7.2	6.9
15	6.5	6.3	7.2	6.9	7.1	7.0	7.1	7.0	7.3	7.0	7.2	6.9
16	6.6	6.2	7.3	7.2	7.1	7.0	7.1	7.0	7.3	7.1	7.1	6.9
17	6.8	6.4	7.4	7.3	7.2	7.1	7.1	7.0	7.3	6.9	7.1	6.8
18	7.0	6.8	7.4	6.9	7.2	7.1	7.1	7.0	7.1	6.9	7.0	6.8
19	7.1	6.9	6.9	6.8	7.2	7.1	7.1	7.0	7.1	6.8	7.0	6.7
20	7.1	6.9	7.0	6.9	7.3	7.1	7.1	7.0	7.0	6.8	7.0	6.8
21	7.0	6.8	7.2	7.0	7.2	7.2	7.1	7.0	7.1	6.9	7.1	6.9
22	7.0	6.7	7.4	7.1	7.3	7.2	7.1	6.9	7.1	6.9	7.2	7.0
23	6.9	6.7	7.4	7.2	7.3	7.2	7.1	7.0	7.0	6.8	7.2	7.0
24	7.1	6.8	7.5	7.3	7.4	7.3	7.2	7.0	7.0	6.8	7.2	7.0
25	7.0	6.8	7.6	7.4	7.4	7.3	7.3	7.1	7.1	6.8	7.2	7.0
26	7.1	6.9	7.6	7.4	7.3	7.2	7.2	7.0	7.2	6.9	7.1	6.9
27	7.1	7.0	7.6	7.3	7.3	7.2	7.2	7.0	7.3	7.0	7.1	6.9
28	7.2	6.9	7.4	7.0	7.3	7.1	7.3	7.0	7.3	7.0	7.1	6.9
29	7.2	6.9	7.4	7.0	7.2	7.1	7.2	7.1	---	---	7.2	6.9
30	7.3	7.0	7.1	7.0	7.2	7.1	7.3	7.0	---	---	7.0	6.8
31	7.3	7.1	---	---	7.1	7.1	7.3	7.0	---	---	6.9	6.8
MONTH	7.3	5.9	7.6	6.3	7.6	6.9	7.3	6.6	7.4	6.8	7.5	6.7
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.7	7.2	6.9	7.2	7.0	7.3	7.0	7.5	7.1	7.3	7.0
2	6.8	6.6	7.3	6.9	7.1	7.0	7.3	7.0	7.7	7.1	7.3	7.0
3	6.9	6.6	7.2	6.9	7.1	6.9	7.3	7.1	7.6	7.3	7.2	7.0
4	6.9	6.8	7.1	6.9	7.1	6.9	7.3	7.1	7.6	7.2	7.5	7.1
5	7.0	6.8	7.0	6.5	7.1	6.9	7.3	7.0	7.6	7.3	7.4	7.0
6	7.0	6.8	6.8	6.5	---	---	7.2	7.0	7.7	7.4	7.4	7.1
7	6.9	6.8	6.8	6.6	---	---	7.3	7.0	7.6	7.3	7.5	7.0
8	6.9	6.8	6.8	6.7	7.1	6.6	7.2	7.1	7.5	7.1	7.6	7.1
9	6.9	6.8	6.8	6.5	7.0	6.4	7.2	6.9	7.5	7.2	7.8	7.1
10	6.9	6.8	6.6	6.3	7.1	6.6	7.5	7.1	7.5	7.2	7.7	7.2
11	6.8	6.7	6.3	5.8	6.9	6.5	7.5	7.0	7.4	7.1	7.6	7.0
12	6.9	6.7	6.0	5.8	7.1	6.5	7.5	7.1	7.6	7.2	7.7	7.1
13	7.5	6.8	6.5	5.9	6.9	6.7	7.5	7.1	7.6	7.2	7.6	6.9
14	7.2	7.0	7.1	6.4	7.5	6.6	7.6	7.2	7.5	7.1	---	---
15	7.1	6.9	7.2	6.5	7.4	6.7	7.5	7.1	7.4	7.1	---	---
16	7.1	6.9	7.1	6.7	7.2	6.8	7.4	7.1	7.2	7.0	---	---
17	7.1	6.9	7.1	6.6	7.2	6.7	7.4	7.0	7.3	7.0	---	---
18	7.1	6.9	6.9	6.4	7.1	6.7	7.2	7.0	7.5	7.1	---	---
19	7.1	6.9	6.7	6.5	7.1	6.7	7.2	6.9	7.4	7.2	---	---
20	7.1	6.9	6.9	6.3	7.1	6.7	7.2	7.1	7.4	7.2	---	---
21	7.1	6.8	6.9	6.3	7.2	6.9	7.2	7.0	7.3	7.1	7.4	6.9
22	7.0	6.7	7.0	6.4	7.2	7.0	7.2	7.0	7.3	7.1	7.1	6.5
23	---	---	6.9	6.6	7.2	7.0	7.3	7.0	7.4	7.1	7.2	6.7
24	---	---	6.9	6.7	7.2	7.0	7.5	7.1	7.4	7.1	7.4	6.9
25	---	---	7.2	6.8	7.2	7.0	7.4	7.1	7.4	7.0	7.4	6.7
26	---	---	7.0	6.8	7.3	7.0	7.4	7.1	7.4	7.0	7.8	7.0
27	---	---	7.0	6.8	7.3	7.1	7.5	7.1	7.3	6.9	7.3	6.5
28	7.2	7.0	7.0	6.8	7.3	7.1	7.5	7.2	7.3	7.1	7.2	6.4
29	7.3	6.9	6.9	6.6	7.3	7.0	7.6	7.3	7.5	7.0	7.2	6.6
30	7.2	6.9	6.9	6.8	7.3	7.0	7.5	7.2	7.4	6.9	7.1	6.7
31	---	---	7.1	6.9	---	---	7.4	7.1	7.5	6.9	---	---
MONTH	7.5	6.6	7.3	5.8	7.5	6.4	7.6	6.9	7.7	6.9	7.8	6.4
YEAR	7.8	5.8										

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	22.5	22.0	22.5	19.0	18.0	18.5	14.5	13.5	14.0	7.5	7.0	7.0
2	23.0	22.5	22.5	19.5	18.5	19.0	13.5	13.0	13.5	8.0	7.5	7.5
3	23.5	22.5	23.0	19.5	18.0	19.0	13.5	12.5	13.0	8.0	7.5	8.0
4	23.5	23.0	23.5	19.0	17.5	18.5	12.5	12.0	12.0	8.0	7.5	8.0
5	23.5	23.0	23.0	19.0	17.5	18.0	12.0	11.0	11.5	8.0	7.5	7.5
6	23.5	22.5	23.0	19.0	17.5	18.0	12.0	11.0	11.5	8.0	7.5	8.0
7	23.5	23.0	23.5	19.0	18.0	18.5	12.0	11.5	12.0	8.5	8.0	8.5
8	23.5	23.0	23.5	19.0	18.5	18.5	12.5	11.5	12.0	9.5	8.0	9.0
9	23.0	21.5	22.5	19.0	18.5	19.0	12.0	10.5	11.5	10.5	9.5	10.0
10	22.0	21.0	21.5	19.0	17.5	18.5	10.5	10.0	10.5	11.0	10.5	10.5
11	21.5	21.0	21.0	18.5	17.5	18.0	10.5	10.0	10.5	11.5	11.0	11.0
12	21.5	21.0	21.5	18.5	17.5	18.0	11.0	10.0	10.5	11.5	11.0	11.0
13	22.0	21.5	21.5	19.0	18.0	18.5	11.0	11.0	11.0	11.0	9.5	10.0
14	22.0	21.5	22.0	19.0	18.0	18.5	11.0	10.5	10.5	10.0	9.0	9.5
15	22.5	21.5	22.0	19.0	18.0	19.0	10.5	10.5	10.5	10.5	9.5	10.0
16	22.5	21.5	22.0	19.0	18.0	18.5	10.5	10.0	10.5	10.5	9.5	10.0
17	23.0	22.0	22.5	18.0	16.5	17.5	10.0	9.5	10.0	11.0	10.0	10.5
18	23.0	22.5	23.0	17.0	15.5	16.5	9.5	9.5	9.5	11.0	10.5	11.0
19	23.0	21.5	22.5	16.0	15.0	15.5	9.0	8.5	9.0	11.5	10.5	11.0
20	22.0	19.0	20.5	15.5	14.5	15.0	8.5	8.5	8.5	11.5	10.5	11.0
21	20.0	18.0	19.0	15.0	14.5	14.5	8.5	8.0	8.5	11.5	11.0	11.5
22	19.5	17.0	18.5	15.5	14.5	15.0	8.0	8.0	8.0	11.5	11.5	11.5
23	19.0	17.0	18.0	15.5	15.0	15.0	8.0	6.5	7.5	11.5	11.0	11.5
24	18.5	17.5	18.0	15.0	14.0	14.5	6.5	5.5	6.0	12.0	11.0	11.5
25	18.5	17.0	18.0	14.0	14.0	14.0	5.5	5.0	5.5	12.5	11.0	12.0
26	18.0	17.5	17.5	14.0	14.0	14.0	5.0	5.0	5.0	13.0	12.0	13.0
27	18.0	17.5	17.5	14.5	14.0	14.0	5.0	4.5	5.0	13.0	11.0	12.0
28	18.0	17.5	17.5	15.0	14.5	14.5	5.0	5.0	5.0	13.0	11.0	12.5
29	18.0	17.0	18.0	15.0	15.0	15.0	5.5	5.0	5.5	14.0	12.0	13.0
30	18.5	18.0	18.0	15.0	14.5	15.0	6.0	5.5	6.0	14.5	13.0	13.5
31	19.0	18.0	18.5	---	---	---	7.0	6.0	6.5	14.5	12.5	13.5
MONTH	23.5	17.0	21.0	19.5	14.0	17.0	14.5	4.5	9.5	14.5	7.0	10.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	14.0	12.0	13.0	14.0	13.0	13.5	18.0	16.5	17.0	22.5	21.5	22.0
2	14.0	13.0	13.5	14.0	13.5	13.5	18.5	17.5	18.0	23.0	22.0	22.5
3	14.5	13.5	14.0	15.0	13.5	14.0	18.5	17.5	18.0	23.5	23.0	23.0
4	15.5	14.5	15.0	15.0	14.0	14.5	17.5	16.5	17.0	24.0	23.0	23.5
5	16.0	14.5	15.5	15.0	14.0	14.5	17.5	16.5	17.0	23.5	23.0	23.0
6	15.0	13.0	14.0	15.0	14.5	14.5	18.5	17.0	17.5	23.0	22.0	22.5
7	14.5	13.0	14.0	15.0	14.0	14.5	18.5	18.0	18.0	23.0	21.5	22.5
8	15.0	14.0	14.5	14.0	13.0	13.5	18.0	17.5	18.0	22.5	21.5	22.0
9	15.5	14.5	15.0	13.5	13.0	13.5	18.0	17.5	18.0	22.5	22.0	22.0
10	15.5	15.0	15.5	15.0	13.5	14.0	19.0	17.5	18.0	22.5	21.5	22.0
11	16.0	15.0	15.5	16.5	14.0	15.0	19.0	18.5	18.5	22.5	21.0	22.0
12	15.5	14.5	15.0	18.0	15.0	16.5	18.5	18.0	18.5	23.0	21.5	22.0
13	15.5	13.5	15.0	17.5	16.0	17.0	18.5	17.5	18.0	23.0	22.0	22.5
14	16.0	14.5	15.5	18.0	16.5	17.5	18.0	17.5	17.5	24.0	22.5	23.0
15	16.0	15.0	16.0	18.0	17.0	18.0	18.0	17.0	17.5	24.0	23.0	23.5
16	16.5	16.0	16.0	18.5	18.0	18.0	19.0	17.5	18.5	25.0	23.5	24.0
17	16.5	16.0	16.5	19.0	17.5	18.5	19.5	18.5	19.0	25.0	24.0	24.5
18	16.5	15.0	16.0	18.5	16.5	17.5	19.5	18.0	19.0	25.0	24.0	24.5
19	16.0	15.0	15.5	18.0	17.0	17.5	18.5	17.0	18.0	25.0	24.0	24.5
20	15.0	14.5	15.0	17.5	16.0	16.5	17.5	17.0	17.5	25.0	24.0	24.5
21	15.0	14.0	14.5	16.5	15.5	16.0	18.5	17.5	18.0	25.0	24.0	24.5
22	15.5	14.5	15.0	16.0	15.5	15.5	19.0	18.0	18.5	25.0	24.5	25.0
23	16.0	15.0	15.5	16.5	16.0	16.0	20.0	18.5	19.0	25.0	23.5	24.5
24	15.5	14.5	15.0	17.5	16.5	17.0	20.5	19.0	19.5	25.0	23.5	24.5
25	14.5	13.5	14.0	18.0	17.0	17.5	21.0	19.5	20.5	25.0	23.5	24.5
26	14.0	12.5	13.0	18.0	17.5	18.0	21.0	20.0	20.5	25.0	24.5	25.0
27	13.0	12.0	12.5	18.0	17.5	17.5	21.5	20.0	21.0	25.5	24.5	25.0
28	13.5	12.5	13.0	17.5	16.5	17.0	21.5	20.5	21.0	26.0	25.0	25.5
29	---	---	---	17.5	16.5	17.0	21.5	20.0	21.0	26.0	25.5	26.0
30	---	---	---	17.0	16.0	16.5	22.0	21.0	21.5	26.0	24.5	25.5
31	---	---	---	17.0	16.0	16.5	---	---	---	26.0	25.0	25.5
MONTH	16.5	12.0	14.5	19.0	13.0	16.0	22.0	16.5	18.5	26.0	21.0	23.5

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.8	3.3	3.9	8.5	6.6	7.2	9.2	8.4	8.8	12.9	11.7	12.2
2	3.6	.0	2.5	7.4	7.0	7.2	9.1	8.6	8.9	12.5	11.9	12.2
3	5.0	.5	2.8	7.2	6.5	7.0	9.3	8.7	9.0	12.3	11.7	11.9
4	4.8	.3	3.1	7.3	6.9	7.1	9.5	9.0	9.3	---	---	---
5	4.6	.8	2.9	7.2	6.8	7.1	9.8	9.2	9.5	---	---	---
6	4.5	.7	2.8	7.3	6.9	7.2	9.8	9.3	9.5	---	---	---
7	2.9	.0	1.3	7.2	6.8	7.0	9.7	8.8	9.3	---	---	---
8	.8	.0	.2	7.1	6.7	6.9	9.6	8.5	9.2	---	---	---
9	4.6	.4	1.9	6.9	6.3	6.7	9.6	9.1	9.4	---	---	---
10	4.7	3.3	4.1	7.2	6.5	6.9	10.0	9.5	9.7	---	---	---
11	5.4	4.1	4.7	7.4	6.5	7.0	10.3	9.7	10.0	---	---	---
12	5.7	4.7	5.1	7.6	7.0	7.3	10.4	9.5	10.0	---	---	---
13	5.0	3.8	4.5	7.7	7.1	7.4	10.1	9.5	9.7	---	---	---
14	4.5	2.8	4.0	8.1	7.2	7.8	10.1	9.6	9.9	---	---	---
15	5.1	3.1	4.3	8.6	7.1	8.0	10.5	9.9	10.2	---	---	---
16	5.3	4.0	4.8	8.5	7.8	8.1	10.6	10.0	10.3	---	---	---
17	5.8	4.2	5.2	7.8	7.5	7.6	10.9	10.2	10.5	---	---	---
18	6.1	4.5	5.4	7.7	7.3	7.5	10.9	10.3	10.6	---	---	---
19	5.7	4.4	4.7	7.7	7.4	7.5	10.9	10.6	10.7	---	---	---
20	5.3	4.4	4.9	7.7	7.5	7.6	11.4	10.8	11.0	---	---	---
21	5.5	4.9	5.2	7.9	7.7	7.8	11.5	10.9	11.2	---	---	---
22	5.5	4.8	5.2	9.3	7.7	8.4	11.9	11.2	11.4	---	---	---
23	5.6	5.1	5.4	9.0	8.5	8.7	12.2	11.4	11.6	---	---	---
24	5.9	5.0	5.5	9.1	8.6	8.9	12.3	11.7	11.9	---	---	---
25	6.1	5.4	5.7	9.3	8.6	9.0	12.4	12.1	12.2	11.0	10.4	10.8
26	6.5	5.6	6.1	9.2	8.8	8.9	12.8	12.1	12.3	10.8	10.1	10.5
27	7.3	6.5	6.9	9.0	8.7	8.8	12.6	12.1	12.3	11.3	10.3	10.6
28	7.3	6.8	7.1	8.9	8.5	8.8	12.5	12.1	12.2	11.1	10.2	10.6
29	7.5	6.8	7.2	9.0	8.5	8.8	12.4	12.0	12.2	10.9	10.1	10.5
30	7.4	6.9	7.2	9.3	8.7	9.0	12.4	12.0	12.2	10.9	10.0	10.4
31	7.3	7.0	7.1	---	---	---	12.6	11.7	12.1	10.9	9.9	10.4
MONTH	7.5	.0	4.6	9.3	6.3	7.8	12.8	8.4	10.6	12.9	9.9	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.9	10.0	10.4	10.3	9.4	9.8	7.7	6.8	7.2	8.2	7.1	7.7
2	10.8	9.8	10.4	10.0	9.3	9.6	7.5	6.7	7.1	8.3	7.1	7.7
3	10.6	9.7	10.1	9.8	9.2	9.4	7.5	6.8	7.1	7.9	7.0	7.5
4	10.2	9.1	9.7	9.6	8.7	9.1	8.2	7.1	7.6	7.8	6.7	7.3
5	9.5	9.0	9.3	9.5	8.8	9.2	8.1	7.6	7.9	7.4	6.5	7.1
6	10.0	9.0	9.3	9.7	8.9	9.2	7.9	7.4	7.7	7.4	6.1	6.7
7	9.7	9.1	9.4	9.6	8.9	9.2	8.1	7.5	7.7	7.6	6.1	6.6
8	9.6	9.1	9.3	9.5	8.9	9.1	8.5	7.5	7.8	8.1	6.2	7.1
9	9.4	8.9	9.2	9.2	8.7	9.0	8.6	7.5	7.9	7.8	6.2	7.0
10	9.2	8.5	8.9	9.4	8.7	9.0	8.7	7.7	8.0	7.5	6.7	7.0
11	9.0	8.1	8.6	9.5	8.7	9.1	8.4	7.6	7.9	7.7	6.4	7.0
12	9.2	8.3	8.8	9.6	8.8	9.2	8.5	7.6	7.9	8.1	6.6	7.2
13	9.9	8.6	9.1	9.5	8.7	9.2	8.7	7.5	8.0	7.6	6.8	7.1
14	9.9	9.0	9.4	9.4	8.6	9.1	8.1	7.6	7.9	7.9	6.2	7.0
15	10.0	9.2	9.6	9.0	8.5	8.8	7.9	7.4	7.6	8.0	6.8	7.3
16	9.8	9.0	9.5	8.8	8.2	8.6	7.8	7.2	7.5	7.7	6.7	7.2
17	9.3	8.6	8.9	8.7	8.0	8.4	7.8	7.2	7.5	7.4	6.5	6.9
18	9.1	8.5	8.8	8.4	7.8	8.1	7.7	7.1	7.3	7.0	6.0	6.6
19	8.8	8.2	8.5	8.3	7.8	8.0	7.5	7.0	7.3	7.1	6.2	6.7
20	9.1	8.5	8.7	8.5	7.7	8.0	8.0	7.1	7.5	6.9	6.1	6.6
21	9.1	8.6	8.8	8.6	8.0	8.3	8.0	7.4	7.8	6.6	5.9	6.3
22	9.4	8.8	9.1	8.9	8.1	8.5	7.9	7.3	7.7	6.5	5.6	6.1
23	9.2	8.7	8.9	9.0	8.3	8.7	8.0	7.2	7.6	6.8	5.5	6.1
24	9.2	8.4	8.8	9.2	8.5	8.8	8.5	7.2	7.7	7.1	5.4	6.0
25	9.6	8.7	9.0	8.8	8.1	8.5	8.8	7.4	7.9	7.7	5.2	6.4
26	10.0	8.8	9.3	8.5	7.7	8.2	8.7	7.4	8.0	7.2	5.8	6.6
27	10.4	9.1	9.7	8.4	7.6	8.0	8.7	7.1	8.0	6.7	6.1	6.4
28	10.4	9.4	9.8	8.3	7.5	7.8	8.0	7.4	7.8	6.4	5.8	6.0
29	---	---	---	7.9	7.2	7.6	8.1	7.1	7.5	6.7	5.5	5.9
30	---	---	---	7.8	7.3	7.5	8.3	6.8	7.5	6.9	5.8	6.2
31	---	---	---	7.6	7.1	7.3	---	---	---	6.8	5.8	6.2
MONTH	10.9	8.1	9.3	10.3	7.1	8.7	8.8	6.7	7.7	8.3	5.2	6.8

COOPER RIVER BASIN

273

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.--Water-stage recorder and data collection platform. Datum of gage is 6.38 feet below National Geodetic Vertical Datum 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, Sept. 22, 1989; minimum, 2.13 ft, Apr. 7, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.80 ft, May 26; minimum, 2.32 ft, Feb. 24.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.42	5.33	8.07	9.96	5.03	7.55	9.78	4.53	7.20	8.63	2.91	6.04
2	10.04	5.18	7.78	10.10	5.21	7.71	9.63	4.58	6.94	9.26	3.72	6.58
3	10.04	5.16	7.76	9.97	5.66	7.76	8.58	3.43	5.92	8.97	3.67	6.49
4	10.08	5.74	8.01	10.01	5.78	7.77	9.36	4.32	6.67	9.01	3.80	6.57
5	10.20	6.25	8.17	10.07	5.79	7.82	8.93	3.64	6.36	9.07	3.62	6.41
6	9.64	5.86	7.70	9.61	5.15	7.43	9.24	4.28	6.88	9.33	3.75	6.71
7	9.19	4.97	7.14	9.38	4.85	7.19	8.94	3.90	6.66	9.74	4.45	7.39
8	9.88	5.36	7.67	9.50	4.67	7.37	9.93	4.58	7.64	10.48	3.24	7.30
9	10.29	5.87	8.19	9.98	3.89	7.51	10.32	4.02	7.84	9.84	3.40	7.04
10	10.25	5.52	8.15	9.88	3.64	7.31	10.21	4.26	7.54	9.71	3.37	6.76
11	10.54	4.98	8.15	9.96	3.91	7.35	10.45	3.84	7.50	10.10	3.20	7.10
12	10.42	4.82	7.97	10.22	3.64	7.20	10.55	3.53	7.59	9.70	3.20	6.58
13	10.34	4.25	7.79	10.52	3.17	7.35	10.23	3.82	7.22	9.76	3.37	6.80
14	10.50	4.11	7.79	10.68	3.60	7.43	9.96	3.42	6.87	9.73	4.14	7.09
15	10.71	3.96	7.73	10.46	3.68	7.34	10.12	3.51	7.01	9.46	4.24	6.95
16	10.70	3.79	7.59	9.49	3.54	6.69	9.42	3.77	6.68	8.99	4.20	6.77
17	10.65	4.00	7.51	9.54	3.15	6.47	9.67	4.49	7.01	8.83	4.51	6.76
18	10.33	4.01	7.37	9.30	4.02	6.58	---	---	---	8.93	4.83	6.86
19	9.77	4.22	7.06	9.03	4.10	6.55	---	---	---	8.63	4.76	6.72
20	9.15	3.20	6.37	8.76	4.17	6.54	8.95	4.75	7.01	9.26	5.16	7.13
21	9.42	4.15	6.84	8.53	4.00	6.29	9.25	4.86	7.19	8.92	3.70	6.48
22	9.34	4.49	7.04	9.17	5.10	7.23	9.04	4.81	7.12	8.22	4.27	6.36
23	9.53	5.27	7.59	8.96	4.39	6.84	9.42	4.82	7.16	9.10	4.40	6.80
24	9.65	5.18	7.71	9.24	4.88	7.25	9.32	4.92	7.18	9.49	4.53	7.08
25	9.85	5.50	8.00	9.56	5.05	7.41	10.03	4.52	7.57	9.44	4.22	6.96
26	10.17	5.66	8.26	9.78	4.92	7.36	9.07	3.94	6.64	8.69	2.97	6.00
27	10.33	5.66	8.27	9.69	4.60	7.28	9.48	3.81	6.91	9.39	2.96	6.46
28	10.33	5.47	8.07	9.68	4.32	7.06	8.99	3.54	6.37	9.37	3.42	6.59
29	10.46	5.67	8.33	9.33	3.94	6.83	9.53	3.84	6.67	9.60	3.44	6.78
30	10.57	5.84	8.34	9.83	4.73	6.97	9.46	3.65	6.63	9.51	3.28	6.46
31	10.40	5.36	7.97	---	---	---	9.59	3.92	6.82	9.37	3.44	6.67
MONTH	10.71	3.20	7.75	10.68	3.15	7.18	---	---	---	10.48	2.91	6.73

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON. SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.61	3.96	6.95	10.36	4.36	7.82	10.19	4.98	7.59	9.56	4.54	7.16
2	9.44	4.06	6.74	10.55	4.55	7.68	10.14	5.21	7.71	9.67	4.81	7.42
3	9.14	4.08	6.64	10.23	4.28	7.38	9.71	4.52	7.38	9.60	4.96	7.49
4	9.36	3.42	6.68	9.85	5.20	7.62	9.73	4.81	7.65	9.61	4.64	7.40
5	8.93	4.42	6.88	10.06	5.18	7.75	9.41	4.58	7.41	9.30	4.32	7.06
6	10.02	4.00	7.43	10.00	4.65	7.64	9.47	4.34	7.22	9.81	4.49	7.14
7	9.97	4.24	7.12	9.96	5.64	8.13	9.46	4.04	6.94	10.01	4.65	7.48
8	9.89	3.45	7.21	10.26	5.33	8.03	9.95	4.50	7.40	9.73	4.28	7.13
9	9.84	3.73	7.15	10.12	4.49	7.52	9.93	4.45	7.38	10.02	4.33	7.20
10	9.86	3.53	6.95	9.64	3.95	7.04	9.69	4.09	7.11	9.43	4.46	7.11
11	9.78	3.39	7.06	9.66	4.15	7.21	8.97	3.73	6.57	9.68	3.71	6.79
12	9.36	3.89	6.86	9.71	4.05	7.06	9.65	4.04	6.94	9.80	4.45	7.06
13	9.25	4.15	6.82	9.47	3.99	6.86	9.69	4.54	7.14	9.24	4.56	7.12
14	8.91	4.11	6.61	9.68	4.30	7.04	9.65	5.26	7.46	9.46	4.53	6.95
15	8.91	4.44	6.79	9.57	4.70	7.15	9.45	5.17	7.22	9.40	5.13	7.25
16	8.99	4.57	6.66	9.31	4.77	7.14	9.31	5.16	7.14	9.63	5.08	7.36
17	8.42	4.55	6.47	9.37	4.65	6.98	9.29	5.33	7.16	9.49	4.68	7.01
18	8.81	5.99	7.40	8.91	4.57	6.61	9.00	5.13	7.32	9.15	4.19	6.93
19	9.08	4.68	6.86	8.91	5.32	7.11	9.66	5.53	7.81	9.37	4.08	7.05
20	8.72	5.19	7.09	9.08	4.56	6.93	9.51	4.72	7.26	9.79	4.11	7.26
21	9.48	4.76	7.40	9.06	5.19	7.27	9.38	4.09	7.11	9.86	3.49	6.96
22	9.79	4.19	7.26	9.31	4.81	7.27	10.14	3.72	7.22	10.05	3.29	6.98
23	9.55	4.24	7.03	9.51	4.01	7.08	10.40	3.80	7.55	11.11	4.21	7.88
24	8.57	2.32	5.90	9.77	4.18	7.30	10.35	3.30	7.22	11.34	4.20	8.01
25	9.48	2.39	6.48	10.03	3.95	7.43	10.33	2.93	6.98	12.14	4.69	8.49
26	10.19	3.75	7.25	10.60	3.95	7.57	10.41	3.07	6.86	12.80	5.82	9.24
27	10.24	3.93	7.39	10.81	4.31	7.83	10.23	3.36	6.91	---	---	---
28	10.18	3.58	7.16	10.95	4.35	7.87	10.26	3.73	7.11	---	---	---
29	---	---	---	10.47	4.07	7.81	9.99	3.76	7.00	---	---	---
30	---	---	---	10.21	4.10	7.29	10.08	3.84	6.90	---	---	---
31	---	---	---	10.23	4.27	7.34	---	---	---	---	---	---
MONTH	10.24	2.32	6.94	10.95	3.95	7.38	10.41	2.93	7.22	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	10.14	5.69	8.03	9.60	4.56	7.14	10.18	5.60	7.87	---	---	---
2	9.61	5.07	7.63	9.82	4.74	7.52	10.37	6.03	8.23	---	---	---
3	9.65	4.79	7.34	10.29	5.85	8.14	10.31	5.48	8.03	---	---	---
4	9.65	4.64	7.14	10.30	5.54	7.98	10.26	5.26	7.87	---	---	---
5	10.35	5.06	7.50	9.95	4.92	7.51	10.27	5.01	7.78	---	---	---
6	10.17	4.96	7.74	10.33	4.77	7.49	10.24	4.63	7.56	---	---	---
7	9.84	4.40	7.23	10.60	5.12	7.83	10.25	4.58	7.53	---	---	---
8	9.76	4.48	7.05	10.56	5.20	7.91	10.10	4.51	7.58	---	---	---
9	9.78	4.60	7.14	10.16	5.07	7.66	10.07	4.68	7.55	---	---	---
10	9.47	4.28	6.87	9.94	4.70	7.35	10.02	4.29	7.57	---	---	---
11	10.07	4.49	7.21	9.81	4.29	7.22	9.96	4.46	7.56	---	---	---
12	10.25	4.94	7.66	---	---	---	9.93	4.42	7.46	---	---	---
13	10.18	5.30	7.86	---	---	---	9.93	4.38	7.36	10.54	5.15	8.05
14	10.15	5.39	7.86	---	---	---	9.86	4.05	7.22	10.54	5.26	8.16
15	10.11	5.44	8.19	---	---	---	9.92	4.00	7.10	10.48	4.89	8.10
16	---	---	---	---	---	---	10.18	4.06	7.35	10.61	4.89	8.01
17	---	---	---	---	---	---	10.51	4.46	7.74	10.75	5.25	8.23
18	---	---	---	---	---	---	10.70	4.18	7.80	10.68	5.26	8.30
19	---	---	---	---	---	---	10.58	4.22	7.79	10.49	5.22	8.21
20	10.91	3.99	7.85	---	---	---	10.50	4.11	7.65	10.32	5.16	8.01
21	10.68	3.87	7.71	---	---	---	10.47	4.46	7.60	10.29	5.16	8.03
22	10.39	3.30	7.34	---	---	---	10.51	4.70	7.87	10.00	5.23	7.77
23	10.37	3.20	7.08	---	---	---	10.29	5.25	8.05	9.81	4.89	7.65
24	10.52	3.80	7.24	10.63	4.74	7.71	---	---	---	9.86	5.61	7.72
25	10.46	4.23	7.41	10.74	5.13	8.21	---	---	---	9.52	5.87	7.62
26	10.27	4.57	7.61	10.65	5.45	8.48	9.47	4.95	7.30	9.30	5.63	7.39
27	10.24	4.70	7.61	10.72	6.11	8.64	---	---	---	9.41	5.18	7.31
28	9.95	4.79	7.45	10.45	6.13	8.56	---	---	---	9.54	5.76	7.60
29	9.56	4.72	7.32	10.56	6.18	8.52	9.53	5.54	7.54	9.79	5.64	7.81
30	9.28	4.40	7.05	10.22	6.11	8.27	9.59	5.41	7.54	9.79	5.19	7.73
31	---	---	---	10.12	5.79	7.99	9.91	5.76	7.86	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 32°59'00" , long 79°55'23" , Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 9.9 mi from junction of East and West Branch Cooper River and at mile 19.4.

PERIOD OF RECORD.--June 1983 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1983 to current year.

pH: June 1983 to current year.

WATER TEMPERATURE: June 1983 to current year.

DISSOLVED OXYGEN: June 1983 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 35,200 microsiemens, June 8, 1987; minimum, 60 microsiemens Feb. 10, 12, 14, 1985, Jan. 5, 6, 1986.

pH: Maximum, 8.3 units, Oct. 8, 9, 1987, Jan. 15, 16, Feb. 14, 28, 29, 1988; minimum, 5.7 units, Sept. 8, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, July 21, 1986; minimum, 4.5°C, Jan. 17, 1988.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 5, 1984; minimum, 1.5 mg/L, Oct. 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 23,200 microsiemens, Feb. 21; minimum, 100 microsiemens, many days, many months.

pH: Maximum, 8.1 units, Oct. 28, 29; minimum, 6.5 units, Dec. 25, Apr. 1.

WATER TEMPERATURE: Maximum, 31.5°C, Aug. 2; minimum, 2.5°C, Dec. 23, 25, 26.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Dec. 28; minimum 1.5 mg/L, Oct. 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	180	100	128	4800	100	1010	8320	100	1770	8860	380	2350
2	160	100	115	8520	100	1880	5880	100	1000	7340	140	2190
3	200	100	120	9260	140	2290	2920	100	609	5120	100	1490
4	140	100	108	8760	140	1860	6760	100	1320	6360	180	1890
5	200	100	127	13500	200	3680	7600	100	1780	3840	140	844
6	200	100	140	14700	280	4830	10400	140	4030	6360	260	1780
7	620	100	227	10100	240	3410	9880	100	3800	11100	280	2900
8	5760	100	1100	11100	280	3910	16200	260	6020	10400	300	2190
9	7640	100	1320	11100	240	3470	14200	240	4280	3500	300	953
10	4780	100	1130	6540	140	1550	8300	100	2110	2060	280	712
11	4120	120	971	6520	200	1680	9520	100	2290	2140	180	692
12	2380	100	671	6140	240	1730	8580	100	2560	1220	180	502
13	3600	100	994	7560	240	2160	6860	100	1560	1180	100	363
14	4100	100	1210	6160	260	1660	2040	100	456	1280	100	536
15	3400	100	902	7020	100	2030	4440	100	824	3500	140	946
16	2820	120	788	4000	100	1130	1800	100	511	2560	140	969
17	3060	120	822	5660	100	975	6240	100	1040	4320	380	1430
18	3560	120	892	6000	100	1390	6240	100	1260	5260	100	1450
19	2040	100	790	7680	180	2210	3600	100	837	3120	140	831
20	1080	180	397	9100	100	3170	2580	100	535	9040	180	2540
21	4940	120	991	9960	160	3070	7600	100	1920	7440	240	2130
22	8320	180	2070	13600	400	6070	8780	100	3280	8980	300	2590
23	12300	340	4740	11400	100	3030	13800	100	3180	8980	300	3120
24	13200	340	5350	7120	100	1910	8700	100	2820	15300	380	6210
25	14200	500	5980	5700	100	1960	14200	100	3700	14600	120	5370
26	14800	620	4850	13000	100	4430	7420	100	1870	7020	100	1570
27	7960	260	2140	13500	120	4280	11300	100	3600	6760	100	1430
28	8580	240	2260	13500	300	4320	7520	140	2600	6760	100	1910
29	12100	200	3880	10400	280	3150	10800	380	3040	8440	100	2830
30	14300	400	4770	7540	240	2670	10400	120	3180	5220	100	1580
31	9440	280	2380	---	---	---	12100	240	4010	4480	100	1170
MONTH	14800	100	1690	14700	100	2700	16200	100	2320	15300	100	1850

pH (UNITS), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

[illegible]

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	23.5	23.5	23.5	20.0	19.5	19.5	15.5	14.5	15.0	7.5	6.5	7.0
2	24.0	23.5	23.5	20.0	19.5	19.5	15.0	14.0	14.5	8.0	7.0	7.5
3	24.0	23.5	24.0	20.0	19.5	19.5	14.5	13.0	13.5	8.5	7.5	8.0
4	24.5	24.0	24.5	19.5	19.0	19.5	13.5	12.5	13.0	8.5	8.0	8.5
5	25.0	24.0	24.5	19.5	19.0	19.5	13.0	12.0	12.5	8.5	8.0	8.5
6	24.5	24.0	24.5	20.0	19.0	19.5	13.0	12.0	12.5	8.5	8.0	8.5
7	25.0	24.0	24.5	20.0	19.0	19.5	13.0	12.5	12.5	9.0	8.5	8.5
8	25.0	24.5	24.5	20.0	19.5	19.5	13.0	12.0	13.0	9.5	8.5	9.0
9	24.5	23.5	24.0	20.0	19.5	19.5	12.5	11.0	12.0	9.5	9.0	9.5
10	24.0	22.5	23.0	19.5	19.0	19.5	11.5	10.5	11.0	10.0	9.5	10.0
11	23.0	22.5	22.5	19.5	18.5	19.0	11.0	10.0	10.5	10.5	10.0	10.0
12	22.5	22.0	22.5	19.0	18.5	19.0	11.0	10.0	10.5	11.0	10.5	10.5
13	23.0	22.5	22.5	19.5	18.5	19.0	11.0	10.0	10.5	10.5	10.0	10.0
14	23.0	22.5	23.0	19.5	19.0	19.0	10.0	9.5	10.0	10.0	9.5	10.0
15	23.5	23.0	23.5	19.5	19.0	19.5	10.5	9.5	10.0	10.5	9.5	10.0
16	24.0	23.0	23.5	19.5	18.5	19.0	10.0	9.5	10.0	10.5	9.5	10.0
17	24.5	23.5	24.0	18.5	18.0	18.0	9.5	9.0	9.5	11.0	10.0	10.5
18	24.5	24.0	24.0	18.0	17.0	17.5	9.5	9.0	9.0	11.0	10.5	10.5
19	24.5	24.0	24.0	17.5	16.0	17.0	9.0	7.5	8.5	11.0	11.0	11.0
20	23.5	22.0	23.0	17.0	15.5	16.5	8.5	7.5	8.0	11.5	11.0	11.0
21	22.0	21.0	21.5	17.0	15.5	16.0	8.0	7.5	8.0	11.5	11.0	11.5
22	21.5	20.5	21.0	16.5	16.0	16.5	8.0	6.0	7.5	12.0	11.0	11.5
23	21.5	20.5	21.0	16.5	15.0	16.0	6.5	2.5	5.5	12.0	11.5	11.5
24	21.0	20.0	20.5	15.5	14.5	15.0	9.0	3.5	5.0	12.0	11.5	11.5
25	20.5	19.5	20.0	15.0	14.0	14.5	7.5	2.5	4.5	12.5	12.0	12.5
26	20.0	19.5	20.0	15.0	14.0	14.5	4.5	2.5	4.0	13.0	12.5	12.5
27	19.5	18.5	19.0	15.0	14.0	14.5	5.0	3.5	4.0	13.0	12.5	12.5
28	19.5	19.0	19.0	15.5	14.5	15.0	5.0	4.0	4.5	13.0	12.5	13.0
29	19.5	19.0	19.0	15.5	15.0	15.5	5.5	4.5	5.0	13.5	12.5	13.0
30	19.5	19.0	19.5	15.5	15.0	15.0	6.0	5.0	5.5	14.0	13.0	13.5
31	20.0	19.5	19.5	---	---	---	6.5	5.5	6.0	14.0	13.5	13.5
MONTH	25.0	18.5	22.5	20.0	14.0	17.5	15.5	2.5	9.0	14.0	6.5	10.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	14.0	13.5	13.5	14.0	13.0	13.5	17.5	16.5	17.0	23.0	22.0	22.5
2	14.0	13.5	14.0	13.5	13.0	13.5	18.5	17.5	18.0	23.5	22.5	23.0
3	14.5	13.5	14.0	14.0	13.5	13.5	18.5	18.0	18.5	24.0	23.0	23.5
4	15.0	14.5	14.5	14.5	13.5	14.0	18.0	17.0	18.0	24.0	23.5	24.0
5	15.0	14.0	14.5	14.5	14.0	14.0	17.5	17.0	17.5	24.0	24.0	24.0
6	15.0	14.0	14.5	14.5	14.0	14.5	18.0	17.5	17.5	24.0	23.5	24.0
7	15.0	14.0	14.5	14.5	14.0	14.5	18.0	17.5	18.0	24.0	23.5	23.5
8	15.0	14.5	14.5	14.0	13.5	14.0	18.0	17.5	18.0	24.0	23.0	23.5
9	15.5	14.5	15.0	14.0	13.5	13.5	18.0	17.5	18.0	23.5	23.0	23.0
10	15.5	15.0	15.5	14.0	13.5	14.0	18.5	18.0	18.0	23.0	22.5	23.0
11	16.0	15.5	15.5	15.0	14.0	14.5	19.0	18.5	18.5	23.0	22.5	22.5
12	16.0	15.5	15.5	15.5	14.5	15.0	19.0	18.5	18.5	23.0	22.5	22.5
13	16.0	15.5	16.0	17.0	15.0	16.0	19.0	18.0	18.5	23.0	22.5	23.0
14	16.5	15.5	16.0	17.5	16.0	17.0	18.5	18.0	18.5	24.0	23.0	23.0
15	16.5	16.0	16.0	18.0	16.5	17.5	19.0	18.0	18.5	24.0	23.0	23.5
16	17.0	16.5	16.5	18.5	17.5	18.0	19.5	18.5	18.5	25.0	23.5	24.0
17	17.0	16.5	16.5	19.0	18.5	19.0	19.5	18.5	19.0	25.0	24.0	24.5
18	16.5	16.0	16.0	19.0	18.5	18.5	19.5	18.5	19.0	25.5	24.5	25.0
19	16.0	15.5	16.0	19.0	18.5	18.5	19.0	18.5	18.5	25.5	25.0	25.0
20	16.0	15.0	15.5	18.5	17.0	18.0	19.0	18.5	19.0	26.0	25.0	25.5
21	15.5	14.5	15.0	17.5	16.5	17.0	19.0	18.5	18.5	26.0	25.5	25.5
22	15.5	14.5	15.0	17.0	16.0	17.0	19.5	18.5	19.0	26.0	25.0	25.5
23	15.5	15.0	15.0	17.0	16.0	16.5	19.5	19.0	19.5	25.5	24.5	25.5
24	15.0	15.0	15.0	17.0	16.5	17.0	20.0	19.5	20.0	25.5	25.0	25.0
25	15.0	13.5	14.5	17.5	17.0	17.5	21.0	20.0	20.5	26.0	25.0	25.5
26	14.5	13.5	14.0	18.0	17.5	17.5	21.5	20.5	21.0	26.0	25.0	25.5
27	13.5	13.0	13.5	18.0	17.5	17.5	22.0	21.0	21.5	---	---	---
28	14.0	12.5	13.0	17.5	17.0	17.5	22.0	21.5	21.5	---	---	---
29	---	---	---	17.5	17.0	17.5	22.0	21.0	21.5	---	---	---
30	---	---	---	17.0	16.5	17.0	22.5	21.5	22.0	---	---	---
31	---	---	---	17.0	16.5	16.5	---	---	---	---	---	---
MONTH	17.0	12.5	15.0	19.0	13.0	16.0	22.5	16.5	19.0	26.0	22.0	24.0

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4.3	3.7	3.9	7.5	6.9	7.3	9.2	8.4	8.9	12.7	11.3	12.2
2	4.3	2.9	3.6	7.3	6.7	7.2	9.6	8.5	9.2	12.7	11.0	12.0
3	3.8	2.1	2.9	7.3	6.8	7.2	9.8	9.0	9.5	12.4	10.8	11.9
4	5.1	2.8	4.3	7.5	6.8	7.2	9.9	8.9	9.5	12.3	10.9	11.7
5	5.5	4.1	4.7	7.5	6.8	7.2	9.9	9.0	9.6	11.7	11.1	11.5
6	5.6	3.9	5.0	7.4	6.7	7.1	10.0	8.9	9.6	11.7	10.7	11.4
7	4.8	2.5	4.3	7.3	6.5	7.1	10.0	8.7	9.6	11.5	10.5	11.1
8	4.1	1.5	3.0	7.3	6.4	7.1	9.9	8.8	9.4	11.2	10.4	10.9
9	3.9	2.0	2.8	7.2	6.5	7.0	9.9	9.2	9.6	10.9	10.0	10.7
10	5.3	3.1	4.3	7.3	6.8	7.0	10.1	9.2	9.8	10.6	10.0	10.3
11	5.5	4.0	5.2	7.3	6.6	7.1	10.2	9.3	9.9	10.3	9.1	10.0
12	5.6	4.7	5.3	7.5	6.8	7.2	10.3	9.3	9.9	10.0	9.4	9.8
13	5.4	4.6	5.1	7.6	6.8	7.3	10.3	9.1	9.9	10.4	9.7	10.1
14	5.3	4.4	4.9	7.8	6.8	7.4	10.3	9.4	10.0	10.6	9.6	10.3
15	4.9	4.4	4.7	7.7	6.8	7.4	10.4	9.4	10.1	10.7	9.9	10.4
16	4.9	4.3	4.6	8.1	7.2	7.7	10.7	9.6	10.3	10.8	9.6	10.5
17	5.1	4.4	4.8	8.1	7.5	7.9	10.7	9.7	10.3	10.8	9.9	10.5
18	5.2	4.5	5.0	8.2	7.5	7.9	10.7	9.8	10.5	10.8	9.9	10.5
19	5.8	4.8	5.4	8.3	7.5	8.0	11.1	10.0	10.7	10.9	9.8	10.6
20	6.5	5.5	6.2	8.6	7.4	8.2	11.3	10.1	10.9	10.7	9.1	10.3
21	6.7	6.1	6.5	8.7	8.0	8.4	11.4	9.9	10.9	10.6	9.5	10.3
22	6.7	6.1	6.5	8.7	7.7	8.3	11.6	10.1	10.9	10.5	9.6	10.2
23	6.7	5.9	6.3	8.9	7.9	8.6	12.6	10.0	11.0	10.4	9.3	10.1
24	6.5	5.9	6.3	9.3	8.3	8.9	12.7	10.6	11.8	10.4	9.4	9.9
25	6.7	6.1	6.4	9.7	8.6	9.2	13.0	10.9	12.1	11.0	8.9	10.3
26	6.9	6.2	6.5	9.7	8.4	9.2	13.0	11.4	12.5	11.0	9.8	10.7
27	7.5	6.3	7.0	9.7	8.4	9.2	13.2	11.6	12.5	11.0	10.0	10.7
28	7.8	6.6	7.4	9.7	8.6	9.2	13.3	11.9	12.7	10.9	9.9	10.6
29	7.9	6.9	7.5	9.7	8.6	9.3	13.2	11.4	12.6	10.8	9.5	10.4
30	7.8	6.8	7.4	9.6	8.4	9.1	13.0	11.3	12.5	11.0	9.5	10.5
31	7.6	7.0	7.4	---	---	---	12.9	11.2	12.3	10.9	9.5	10.5
MONTH	7.9	1.5	5.3	9.7	6.4	7.9	13.3	8.4	10.6	12.7	8.9	10.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	9.2	10.5	9.8	8.5	9.2	7.7	6.1	7.3	8.1	5.8	7.5
2	10.9	9.1	10.5	9.6	8.3	9.2	7.5	4.8	7.1	8.2	6.6	7.6
3	11.0	9.3	10.5	9.6	6.7	8.7	7.4	5.6	7.1	8.2	6.0	7.7
4	10.8	8.7	10.3	9.5	8.1	9.1	7.9	6.6	7.2	8.0	4.8	7.4
5	10.6	9.6	10.3	9.5	8.4	9.0	8.1	6.1	7.6	7.9	5.7	7.4
6	10.5	9.1	10.2	9.6	8.3	9.0	8.2	6.5	7.8	7.6	5.8	7.2
7	10.6	9.2	10.1	9.5	7.9	9.0	8.1	7.1	7.8	7.5	5.5	6.9
8	10.7	9.3	10.1	9.4	7.6	8.9	8.0	6.7	7.6	7.8	5.6	7.0
9	10.6	9.1	10.0	9.3	8.1	8.9	8.0	6.1	7.5	7.9	5.2	7.2
10	10.4	8.8	9.8	9.3	6.6	8.7	8.0	6.8	7.5	8.3	5.6	7.7
11	10.2	7.9	9.7	9.2	6.8	8.6	8.0	6.8	7.5	8.3	6.0	7.9
12	10.3	8.4	9.7	9.3	7.6	8.6	7.9	6.7	7.5	8.4	6.0	7.9
13	10.4	9.2	9.8	9.4	5.8	8.7	8.1	7.2	7.7	8.3	6.8	7.8
14	10.6	8.4	9.9	9.2	7.9	8.7	8.4	7.2	7.8	8.3	6.5	7.8
15	10.4	8.7	9.6	9.1	4.1	8.2	8.4	7.1	7.9	8.1	5.7	7.7
16	10.0	8.0	9.4	8.9	6.4	8.3	8.4	7.0	7.9	8.1	6.4	7.6
17	9.9	8.5	9.5	8.8	6.8	8.2	8.5	7.2	7.9	8.2	6.3	7.5
18	9.6	8.2	9.2	8.5	5.3	7.9	8.1	7.1	7.8	8.1	6.5	7.4
19	9.3	6.4	8.6	---	---	---	8.0	6.5	7.5	7.3	5.9	7.0
20	9.1	7.5	8.5	---	---	---	8.5	6.9	7.7	7.1	5.9	6.8
21	9.5	7.3	8.6	---	---	---	8.2	6.8	7.7	6.8	5.5	6.5
22	9.5	8.0	9.0	---	---	---	10.6	7.1	8.0	6.6	5.2	6.2
23	9.5	7.7	8.9	---	---	---	10.4	6.9	8.8	6.4	5.7	6.2
24	9.4	7.7	9.1	---	---	---	9.5	6.6	7.7	6.5	4.8	5.8
25	9.3	8.3	9.0	---	---	---	8.1	6.2	7.4	5.8	4.4	5.3
26	9.5	8.6	9.1	---	---	---	8.2	6.0	7.6	6.4	5.0	5.7
27	9.9	8.4	9.3	8.1	5.6	7.6	8.4	6.4	7.7	6.2	5.1	5.8
28	10.0	8.5	9.4	8.1	4.8	7.4	8.1	5.0	7.5	5.8	4.3	5.6
29	---	---	---	7.9	5.9	7.4	8.4	6.7	7.6	5.7	4.9	5.4
30	---	---	---	7.8	6.5	7.5	7.9	6.4	7.4	5.8	4.4	5.4
31	---	---	---	7.8	5.9	7.4	---	---	---	5.8	4.3	5.2
MONTH	11.0	6.4	9.6	9.8	4.1	8.4	10.6	4.8	7.6	8.4	4.3	6.8

COOPER RIVER BASIN

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.--October 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): October 1986 to current year.

SPECIFIC CONDUCTANCE (Bottom): October 1986 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): Maximum, 55,900 microsiemens, Aug. 28, 1990; minimum, 6520 microsiemens, Sept. 6, 1987.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 64,300 microsiemens, May 5, 1989; minimum, 11,400 microsiemens, Sept. 7, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Top): Maximum, 55,900 microsiemens, Aug. 28; minimum, 22,000 microsiemens, Oct. 3.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 59,300 microsiemens, July 7; minimum, 19,600 microsiemens, Oct. 3.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	40000	23900	31500	41100	31300	35600	46300	36400	40800	44800	35200	40100
2	38600	22900	30100	43900	28600	36300	44800	35700	40000	46800	36200	41400
3	44700	22000	33300	44800	30200	38100	42300	34000	38000	46100	36400	41300
4	45100	27900	36300	44100	32300	38200	44300	34900	39000	46000	37200	41600
5	45600	29100	37600	44700	35700	39500	41800	34700	38500	46800	35300	41100
6	43700	28100	36200	43500	30400	36900	43800	36300	39800	48500	35600	42000
7	44700	29700	39000	42000	30800	37100	42700	35400	39300	49800	35200	42100
8	48500	34400	41500	43200	31400	37000	47200	35400	41200	48600	31400	38800
9	46200	33300	41300	43600	30600	37400	47100	34300	40900	47700	30300	37800
10	44700	31000	38600	46100	32000	38400	46600	34500	40100	47100	30100	37500
11	44700	31700	37100	46800	32000	39300	46600	33400	39600	49100	28800	38700
12	44400	29900	36800	45200	32200	37600	46800	32500	39900	47300	28500	37100
13	47100	29900	37200	47400	31100	39400	46100	32100	38600	47100	30700	38300
14	46700	30400	38400	47800	31200	39100	44900	29700	37100	46100	30100	37800
15	45300	29200	36900	47200	28000	38500	45600	30200	37300	45600	31800	38000
16	44400	28400	36100	43800	30300	36500	42700	29900	36300	43100	33300	38700
17	41600	28500	34700	44200	31800	36600	42800	31500	37700	44500	34300	40000
18	43200	28000	34500	41500	32600	36800	42300	30500	37400	45200	37700	42100
19	38700	27300	32500	42400	32100	37700	43600	34200	38800	45500	38500	42500
20	38800	24800	32400	41800	31800	37800	42100	34100	38400	49200	40700	45100
21	41700	29900	34900	41100	30500	37200	42900	35400	39400	48500	39300	45200
22	42600	29600	37000	43700	31500	38000	42000	33900	38900	47100	39400	44200
23	42000	31800	37000	42400	31900	37200	42100	32700	37600	48200	34200	41200
24	42300	31100	37100	43100	32800	38100	41200	33300	37100	44100	34200	38800
25	43500	32900	37600	42000	31100	36200	42500	33700	37200	44600	35400	39000
26	44000	32000	36100	---	---	---	39600	32500	35600	41600	33900	37800
27	40800	30800	35500	---	---	---	45000	32200	38800	44600	33200	38500
28	40700	30100	35200	44300	34600	38500	45500	35200	40200	45600	33900	39100
29	42500	30600	37200	43600	34200	39600	48000	35400	41100	46000	34100	39800
30	41900	30600	36600	47200	37300	41700	49000	35200	41500	---	---	---
31	42000	32700	35800	---	---	---	48800	36800	41500	---	---	---
MONTH	48500	22000	36200	47800	28000	37900	49000	29700	39000	49800	28500	40200

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	46700	35300	40800	45100	32600	38000	45900	36600	41100
2	45200	35300	40900	48500	34800	41600	43200	31800	37000	46000	36700	41900
3	44100	34600	40400	49000	35100	40600	42000	30500	37500	45500	36300	41800
4	45400	34600	41200	43100	35400	39900	49500	33900	41200	45200	36100	41000
5	42700	36700	40000	44500	35600	40300	43100	33100	38600	44500	34800	39700
6	46800	34800	42100	45100	34400	40400	43200	29500	37500	47400	34800	41300
7	48900	34600	40900	43600	29500	36700	46200	31100	37900	46200	37600	41400
8	47800	36000	41700	40400	32800	37000	45400	29600	40000	46900	35500	41200
9	48400	34400	41200	39200	31500	34800	44300	32600	38700	46300	35700	40600
10	46600	34300	40300	41400	28000	34700	45000	32500	38200	44300	34600	39400
11	48800	33400	42500	42200	27800	35500	43800	33600	38400	49000	32600	40800
12	46500	34900	41800	41600	30600	36000	44400	31600	38900	46500	34600	40600
13	46500	37600	42300	43600	31200	36700	44700	35000	39400	44400	32500	39500
14	45200	37600	42000	43300	31700	37800	44700	35600	40800	44500	35900	40200
15	44400	34700	39900	43000	33000	38100	43500	34800	40000	45000	36600	41400
16	42800	36000	39800	42600	27600	37000	43100	37000	40800	46100	36900	41700
17	43100	35600	40600	41900	32400	37700	43900	39200	42200	44400	36800	40500
18	47600	42000	45200	43200	32800	39700	45500	36500	42800	45700	36600	41300
19	47900	41000	46000	44800	38800	43000	46900	38100	43600	45700	37000	41700
20	46700	42700	45300	45700	37600	42900	44100	35500	40800	46200	35200	40900
21	47900	39600	44500	45400	41700	43600	42800	34800	39100	49200	33500	40700
22	44800	37000	40500	44800	36500	41600	48700	33400	40300	50200	33800	41900
23	44400	36700	39900	44100	34500	40000	49200	36800	42600	51200	37600	44600
24	44600	35200	39300	45500	35400	40000	53900	35600	44900	51700	37800	44700
25	47500	34500	41500	46500	34700	39500	52900	34300	42100	51500	37500	44100
26	47600	36600	42500	49800	34900	42200	48500	33700	41100	51100	36300	43700
27	47400	35700	41900	50700	37000	44000	48500	33500	40700	49100	37000	42600
28	46300	34300	40800	49900	37700	44000	48200	34600	40400	49600	36400	43200
29	---	---	---	48600	36500	43300	48200	34700	41000	49900	35000	41600
30	---	---	---	48200	30000	40100	47800	34800	40400	46300	36700	42000
31	---	---	---	47400	33300	39700	---	---	---	46900		

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

BOTTOM												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	41700	23900	31300	41600	30700	35100	45800	36400	39800	42400	33000	37300
2	38200	22600	29200	43600	31900	36300	44300	30800	37500	44000	30100	37400
3	45700	19600	32800	44600	30600	37100	41900	32600	36600	43400	30800	37100
4	45900	20000	34100	44700	32400	37700	43600	33900	37400	43900	33800	38200
5	46100	23600	34800	43900	35300	39100	41800	29100	36800	43600	32900	37500
6	43200	20700	33900	43600	34400	38400	44000	33700	38500	46100	32700	38300
7	45900	19800	36300	42500	34300	37700	43300	32000	38000	47600	32600	39100
8	50400	27600	41200	43200	34800	37800	48300	34800	40500	46400	27800	36100
9	49200	29700	39900	44300	33300	38700	48600	35200	41800	45800	28900	35300
10	45000	27500	35100	46000	33000	38900	48000	32200	40500	44300	26500	34500
11	45400	32200	37700	46900	32900	39500	48100	34100	40600	47100	25500	36000
12	45300	30600	37300	47500	32200	39300	48600	33300	40900	43300	27100	34200
13	46800	30800	38000	48100	31700	40100	47700	31600	39200	44100	27900	34900
14	46700	30600	38300	48100	32000	40000	45700	30300	37700	42800	28500	35000
15	46200	29800	37600	47700	32300	39500	47000	31100	37800	42500	29400	34800
16	44500	28400	36400	44800	31400	37000	43600	30500	36500	40700	28100	35000
17	43300	28200	35200	44800	30700	36700	44000	31800	37800	41100	28600	34800
18	43000	28000	34100	42500	31400	36700	43600	31500	37700	42900	33500	38400
19	40800	27900	32500	43500	31900	37600	45100	32900	39000	43100	33100	38000
20	38700	27300	31600	42400	33800	37800	43600	31600	38200	46600	34900	40800
21	41200	29300	34100	42300	34600	38100	43300	33400	38000	46000	33900	39200
22	42300	30600	36000	44400	35400	39300	43300	31400	37800	45000	33600	39200
23	42000	30100	36800	43500	34700	38700	43500	33800	38100	46000	33700	41000
24	42700	33300	37200	44400	35600	39300	42300	31800	35300	46800	38700	42100
25	43800	34900	38600	44500	35300	39400	39600	32200	35100	45700	36600	40400
26	44600	35200	39100	---	---	---	39400	31700	34500	44300	34300	38900
27	43600	34900	38400	---	---	---	45400	30900	36700	46700	33800	40000
28	42900	33700	37800	46000	35900	39100	42000	31900	35700	47200	34500	41000
29	43000	33700	37700	44700	32300	38700	41000	30600	35000	47400	34600	41200
30	42600	33700	37700	47000	36500	40700	46400	30600	36800	---	---	---
31	42200	33000	36600	---	---	---	45000	29200	37000	---	---	---
MONTH	50400	19600	36000	48100	30600	38400	48600	29100	37800	47600	25500	37800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	46400	34700	39700	47700	24200	38500	53900	40900	47500
2	43600	32100	36800	46100	34200	39700	44700	29600	36800	54100	42700	48100
3	42300	32200	36300	46100	32300	37800	43900	28700	35900	54700	43400	48300
4	43400	32000	36500	42800	33300	37500	48300	31000	38800	53900	43900	48100
5	43200	33200	38000	44200	33200	37200	44900	31700	38200	53500	42600	47800
6	45300	33100	37700	43800	32400	37200	44300	31800	37400	54600	43200	47900
7	45000	32900	38300	43500	31800	37100	47700	32600	38500	52600	41800	47100
8	45800	31800	38800	40400	32300	36100	48300	34600	40800	47400	39800	43300
9	45100	33100	39100	39000	31400	34900	49300	35700	41400	44600	36900	40600
10	45100	33100	38700	39600	30100	34400	48700	35900	41200	48200	36600	40700
11	46600	32200	39200	40700	30000	35100	45800	35400	40100	47800	35700	41400
12	44300	33300	38600	40600	30300	34800	48000	36200	41100	48400	35700	40700
13	43700	32600	37800	39700	29400	34000	48800	35100	40900	45600	34900	40200
14	42600	33900	37300	41800	29900	34700	48400	36100	40700	47500	35900	39800
15	41500	33000	36600	41000	30700	35300	46900	36600	41500	46900	35400	40300
16	41300	31200	35300	41800	30500	34700	47200	37200	42100	47300	37400	41200
17	40100	28400	35300	40100	29900	34400	47500	39400	43200	46100	35800	40100
18	44000	30100	38200	41600	31000	35500	47400	37100	42700	46100	35500	40300
19	45700	31200	39900	42400	31300	38600	49200	38600	43800	46400	35500	40700
20	44600	33800	40600	44800	33200	38300	46900	37000	41600	47200	35400	40800
21	45700	32700	39400	43800	33600	39500	44100	36900	40300	48700	34200	40500
22	43800	34800	38900	43800	34500	39100	47000	35400	40300	49700	34300	41800
23	43700	36100	39100	44100	35200	38500	45300	37000	40900	50900	36300	44000
24	43000	34900	38100	45400	35400	39700	44900	35200	39300	51000	37200	44000
25	46500	33800	40200	46500	34800	40400	44000	33900	39200	50900	36200	43400
26	47200	35800	41400	48400	34500	41200	42200	32400	37400	50700	35600	42800
27	46600	35400	41000	49700	35800	42500	56200	33800	43100	48200	33800	41200
28	45900	33600	40100	52900	36600	44900	56300	38000	47400	47800	33200	39900
29	---	---	---	51500	39500	46100	55800	41700	47700	46300	32000	37800
30	---	---	---	50100	37200	43300	56200	38500	47200	42100	31900	36100
31	---	---	---	50100	35400	41400	---	---	---	40200	30200	35000
MONTH	47200	28400	38400	52900	29400	38200	56300	24200	40900	54700	30200	42300

285

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	37000	27300	31800	51700	37300	44400	53000	36100	45300	51100	38100	42700
2	31700	24100	27700	54000	40200	46800	53600	42000	47200	52100	37800	44500
3	29200	22700	25800	56300	44000	48800	53700	39700	46800	51800	37300	45300
4	27900	22700	25000	55800	44300	49100	52900	40500	46200	53300	37900	45200
5	34900	22900	27600	55200	44000	49000	53900	42300	47400	53100	39600	46200
6	38100	28900	33300	57200	45100	49900	54300	36600	47400	52500	38900	46300
7	44900	33800	38100	59300	45600	51000	53500	41100	46900	50400	38100	44500
8	42600	33500	38400	52700	39600	47800	52800	37000	45900	49800	36200	42500
9	39600	30200	35700	51800	42000	46100	52000	40800	46000	50500	36100	42500
10	36700	29700	33000	51200	38800	45200	52700	39100	45000	49600	36900	42300
11	36200	28800	32100	51100	35600	44700	48700	35200	41000	48500	36300	41600
12	34900	28000	30500	50100	39300	44200	49400	34700	42100	47800	36300	41400
13	33400	27700	30100	49900	38500	43500	50000	34200	41200	47900	37000	41400
14	34000	29200	31600	49800	38700	43300	49400	33300	41400	48200	37300	42500
15	35600	30800	33200	49500	36500	43000	47900	33500	41000	49200	36500	42200
16	37800	32600	35200	49500	38300	43400	52100	34700	42600	50600	35500	42300
17	41200	33600	37300	48900	38600	43300	52900	35400	43800	52200	36800	43400
18	46400	37500	41100	52000	36500	43500	54000	38800	45300	51400	37200	44300
19	45900	41600	43800	53500	38000	45100	53300	36400	45900	51200	36900	44300
20	51100	39200	44100	54100	38700	46100	52800	34600	44600	50700	37100	44200
21	51300	32800	43100	54300	38000	45800	53000	38900	44800	50000	36400	42800
22	52400	35600	43400	55000	38500	45600	53500	38600	45800	47200	32500	40900
23	53100	36300	43800	55900	39800	46800	52300	40300	45600	47900	34500	40100
24	52900	38000	44300	56000	36500	45400	50300	38100	43200	46500	34800	40500
25	52900	39500	44900	54900	37900	46000	47600	35400	41100	46700	35600	40800
26	52200	40100	45600	54300	36300	46200	48000	34900	40600	46200	36300	40900
27	51900	40900	45600	55000	39800	46900	49900	33800	40900	46100	35600	41300
28	50500	40500	44500	54100	39200	46900	50400	35600	42800	47800	36900	41600
29	48900	38200	43900	54100	41400	47500	50300	36100	42100	49200	37800	42500
30	48700	36700	43100	53600	43200	47300	49300	36300	42600	48800	36600	43200
31	---	---	---	51900								

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.--undefined.

PERIOD OF DAILY RECORD.--October 1985 to current year.

GAGE.--Data collection platform. Datum of gage is 17.12 ft below National Geodetic Vertical Datum 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, 12.44 ft, Feb. 24, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.37 ft, May 23; minimum gage height, 12.44 ft, Feb. 24.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.82	15.40	18.22	20.63	15.32	17.86	20.43	14.89	17.56	19.08	13.37	16.46
2	20.48	15.26	17.86	20.82	15.58	18.07	20.25	14.84	17.29	19.84	14.25	16.99
3	20.31	15.26	17.86	20.72	16.02	18.15	19.15	13.88	16.30	19.59	14.05	16.87
4	20.39	15.84	18.16	20.52	16.20	18.19	19.92	14.88	17.06	19.48	14.13	16.74
5	20.51	16.31	18.24	20.71	16.10	18.24	19.47	14.17	16.78	19.55	13.97	16.69
6	19.85	16.00	17.77	20.28	15.50	17.83	19.82	14.68	17.27	19.93	14.13	17.08
7	19.52	15.34	17.39	19.91	15.19	17.56	19.50	14.44	17.11	20.46	14.69	17.73
8	20.45	15.88	18.01	20.12	14.95	17.74	20.83	14.99	18.09	21.42	13.35	17.51
9	20.75	16.12	18.46	20.67	14.02	17.74	21.28	14.20	18.22	20.57	13.51	17.32
10	20.72	15.77	18.34	20.71	13.84	17.57	21.04	14.13	17.91	20.43	13.46	17.01
11	21.01	15.03	18.27	20.81	13.74	17.68	21.48	13.88	17.80	20.86	13.37	17.39
12	21.06	14.44	18.12	21.08	13.73	17.53	21.56	13.71	17.90	20.32	13.18	16.76
13	21.06	14.34	18.07	21.55	13.40	17.69	21.17	13.94	17.50	20.48	13.86	17.26
14	21.63	14.17	18.10	21.68	13.71	17.76	20.75	13.36	17.15	20.43	14.44	17.47
15	21.88	13.88	17.98	21.50	13.91	17.75	20.99	13.82	17.36	20.13	14.66	17.39
16	21.86	13.84	17.86	20.14	13.78	16.89	20.10	14.05	17.08	19.53	14.73	17.17
17	21.72	14.12	17.76	20.32	13.56	17.01	20.32	14.99	17.46	19.39	15.04	17.22
18	21.22	14.31	17.79	19.90	14.39	16.97	19.82	14.80	17.29	19.46	15.26	17.25
19	20.41	14.44	17.25	19.68	14.58	17.02	20.02	15.74	17.68	19.18	15.21	17.16
20	19.78	13.68	16.73	19.24	14.49	16.88	19.44	15.18	17.42	19.89	15.61	17.57
21	20.08	14.64	17.23	19.06	14.45	16.78	19.88	15.37	17.61	19.46	14.34	16.85
22	20.03	15.02	17.49	19.81	15.47	17.68	19.85	15.42	17.63	18.74	14.74	16.76
23	20.19	15.76	18.06	19.73	14.80	17.24	20.18	15.38	17.68	19.74	14.93	17.23
24	20.30	15.72	18.17	19.89	15.27	17.65	20.10	15.34	17.61	20.18	14.72	17.55
25	20.60	16.05	18.49	20.18	15.39	17.82	20.73	14.36	17.92	20.39	14.24	17.45
26	20.94	16.08	18.66	20.46	15.12	17.79	19.68	14.33	17.01	19.26	13.21	16.36
27	21.23	15.95	18.65	20.44	15.08	17.74	20.20	14.30	17.23	20.07	13.43	16.91
28	21.18	15.77	18.53	20.34	14.84	17.47	19.59	13.82	16.83	20.16	13.83	17.10
29	21.48	16.15	18.90	20.06	14.33	17.32	20.24	14.30	17.13	20.29	13.81	17.17
30	21.60	16.12	18.76	20.68	15.16	17.71	20.37	14.02	17.15	20.18	13.63	16.86
31	21.18	15.57	18.25	---	---	---	20.35	14.31	17.29	20.19	13.86	17.03
MONTH	21.88	13.68	18.05	21.68	13.40	17.58	21.56	13.36	17.40	21.42	13.18	17.11

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	20.11	14.33	17.29	21.37	14.69	17.98	20.77	15.06	17.81	20.31	14.93	17.56
2	20.13	14.40	17.08	21.27	14.78	18.04	20.83	15.34	17.94	20.31	15.29	17.80
3	19.74	14.53	17.01	21.08	14.73	17.74	20.33	14.90	17.68	20.25	15.45	17.91
4	20.04	13.88	17.00	20.66	15.65	18.08	20.34	15.09	17.89	20.03	15.13	17.77
5	19.57	15.00	17.37	20.85	15.71	18.19	19.99	14.93	17.73	19.99	14.70	17.42
6	20.72	14.43	17.74	20.76	15.07	18.03	19.96	14.70	17.53	20.58	15.03	17.70
7	20.84	13.73	17.55	20.68	16.01	18.59	20.12	14.48	17.42	20.64	15.27	17.99
8	20.79	13.71	17.63	21.18	15.38	18.52	20.80	14.73	17.89	20.47	14.73	17.59
9	20.64	14.04	17.53	21.01	14.66	17.94	20.69	14.87	17.86	20.71	14.74	17.63
10	20.55	13.69	17.25	20.41	14.32	17.52	20.33	14.45	17.50	20.04	14.75	17.42
11	20.77	13.81	17.59	20.43	14.52	17.69	19.58	14.07	16.95	20.33	13.97	17.23
12	20.01	14.27	17.28	20.28	14.45	17.45	20.29	14.55	17.45	20.51	14.88	17.55
13	19.80	14.49	17.23	20.09	14.35	17.26	20.32	14.95	17.45	19.88	14.97	17.50
14	19.47	14.38	17.00	20.36	14.72	17.51	20.20	15.75	17.90	20.07	14.87	17.38
15	19.37	14.90	17.15	20.28	15.13	17.65	19.89	15.63	17.65	20.34	15.59	17.75
16	19.43	14.79	16.87	19.89	15.15	17.51	19.91	15.60	17.57	20.26	15.31	17.81
17	18.99	15.02	16.87	19.81	15.09	17.27	19.90	15.81	17.56	20.09	15.13	17.39
18	19.53	16.51	17.97	19.49	15.01	17.09	19.57	15.91	17.89	19.75	14.73	17.36
19	19.75	15.23	17.34	19.46	15.86	17.58	20.39	16.15	18.32	19.99	14.60	17.43
20	19.34	15.81	17.67	19.63	15.23	17.39	20.18	15.10	17.67	20.38	14.44	17.56
21	20.31	15.32	17.94	19.74	15.79	17.78	19.98	14.54	17.48	20.72	13.81	17.30
22	20.51	14.45	17.60	19.98	15.30	17.68	21.01	14.21	17.70	21.08	13.64	17.49
23	20.35	13.71	17.36	20.18	14.47	17.40	21.30	14.18	17.98	22.37	14.60	18.51
24	19.15	12.44	16.18	20.42	14.52	17.67	21.31	13.49	17.59	22.18	14.99	18.36
25	20.32	12.85	17.05	20.88	14.16	17.80	21.22	13.14	17.33	22.00	13.93	18.01
26	21.01	14.10	17.72	21.65	14.21	18.00	21.27	13.17	17.19	21.73	14.11	17.86
27	21.16	14.03	17.79	21.91	14.64	18.31	21.17	13.47	17.25	21.39	14.48	17.76
28	21.03	13.91	17.53	22.05	14.71	18.35	21.13	13.92	17.42	21.79	15.07	18.29
29	---	---	---	21.37	14.16	18.05	20.88	14.15	17.37	21.53	14.51	17.86
30	---	---	---	21.13	14.35	17.60	20.77	14.28	17.17	20.37	15.00	17.83
31	---	---	---	20.87	14.52	17.57	---	---	---	20.63	15.67	18.17
MONTH	21.16	12.44	17.34	22.05	14.16	17.78	21.31	13.14	17.60	22.37	13.64	17.72
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.63	15.89	18.26	20.19	15.00	17.49	20.42	15.51	17.76	20.85	15.99	18.37
2	20.06	15.35	17.83	20.49	15.15	17.93	20.67	15.99	18.15	21.07	15.77	18.41
3	20.24	15.15	17.68	20.81	16.22	18.44	20.90	15.74	18.29	21.01	15.25	18.23
4	20.25	15.05	17.54	20.69	15.81	18.21	20.76	15.38	18.04	21.32	15.11	18.28
5	21.20	15.65	18.14	20.35	15.16	17.72	20.86	15.07	17.92	21.32	15.28	18.37
6	20.83	15.43	18.19	20.74	15.10	17.71	20.98	14.77	17.77	21.06	15.04	18.22
7	20.29	15.06	17.57	21.03	15.40	18.07	21.03	14.83	17.85	20.93	14.61	17.91
8	20.38	14.80	17.41	21.09	15.35	18.14	20.89	14.72	17.85	20.92	14.27	17.70
9	20.30	15.05	17.52	20.64	15.20	17.85	20.62	14.79	17.85	21.35	14.85	18.15
10	20.17	14.67	17.22	20.28	14.76	17.46	20.66	14.68	17.87	21.32	15.17	18.23
11	20.83	14.88	17.80	20.17	14.39	17.31	20.62	14.79	17.83	21.24	15.25	18.24
12	21.01	15.49	18.17	20.01	14.21	17.17	20.61	14.61	17.75	21.31	15.54	18.46
13	20.75	15.83	18.24	20.42	14.59	17.32	20.50	14.75	17.66	21.29	15.57	18.42
14	20.64	15.51	17.91	20.16	14.67	17.50	20.52	14.39	17.55	21.20	15.60	18.48
15	20.45	15.35	18.15	20.03	14.20	17.29	20.56	14.39	17.48	21.10	15.14	18.34
16	21.09	15.91	18.70	20.25	14.22	17.26	20.87	14.50	17.73	21.45	15.24	18.38
17	21.22	15.81	18.69	20.57	14.10	17.39	21.23	14.84	18.12	21.65	15.44	18.67
18	21.37	15.17	18.42	20.67	13.97	17.35	21.70	14.55	18.24	21.38	15.53	18.70
19	21.33	14.56	18.16	21.05	14.06	17.55	21.52	14.49	18.18	21.33	15.51	18.56
20	21.87	14.37	18.27	21.18	13.93	17.61	21.32	14.28	17.99	21.00	15.42	18.30
21	21.67	14.16	18.07	21.01	13.58	17.41	21.18	14.63	17.98	20.96	15.46	18.31
22	21.31	13.61	17.67	21.10	13.69	17.35	21.19	14.99	18.25	20.56	15.47	17.99
23	21.18	13.55	17.42	21.36	14.27	17.73	21.00	15.49	18.35	20.52	15.22	18.03
24	21.37	14.06	17.66	21.29	14.44	17.86	20.65	15.33	18.14	20.54	16.14	18.23
25	21.32	14.53	17.81	21.07	15.07	18.24	20.28	15.52	17.81	20.18	16.22	18.04
26	21.10	14.91	18.01	20.98	15.41	18.53	20.06	15.43	17.70	19.85	16.13	17.85
27	20.53	15.09	17.93	20.96	16.14	18.67	20.01	15.76	17.80	19.92	15.78	17.81
28	20.44	15.16	17.74	20.86	16.18	18.62	20.18	15.82	17.97	20.17	16.26	18.09
29	19.99	15.09	17.60	20.91	16.27	18.55	20.12	16.47	18.02	20.42	16.13	18.29
30	19.79	14.83	17.38	20.33	16.10	18.24	20.32	16.01	18.06	20.54	15.88	18.49
31	---	---	---	20.11	15.55	17.74	20.59	16.41	18.40	---	---	---
MONTH	21.87	13.55	17.91	21.36	13.58	17.80	21.70	14.28	17.95	21.65	14.27	18.25
YEAR	22.37	12.44	17.71									

EDISTO RIVER BASIN

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat 33°35'21'', long 81°21'57'', Aiken County, Hydrologic Unit 03050204, at center of downstream side of bridge, on county dirt road, 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi².

PERIOD OF RECORD.--October 1980 to March 1987, February 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Prior to February 1988, gage at same site, at different datum.

REMARKS.--Records good, except for estimated daily discharges, Dec. 9 - 12, Feb. 1 to Apr. 5, which are poor.

AVERAGE DISCHARGE.--8 years (water years 1981 - 86, 1989 - current year), 23.2 ft³/s, 10.10 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 172 ft³/s, May 29, 1984, gage height, 4.65 ft, at datum then in use; minimum, 10 ft³/s, July 27, 1990, gage height, 1.91 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 45 ft³/s, July 12, gage height, 3.11 ft; minimum, 10 ft³/s, July 27, gage height, 1.91 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	17	17	21	18	17	21	19	13	14	13	20
2	29	19	17	19	17	17	21	20	12	13	15	18
3	20	19	17	18	17	17	20	17	13	13	16	17
4	18	18	17	18	18	17	19	17	14	12	15	17
5	17	18	17	19	18	17	19	30	15	12	14	18
6	17	18	17	26	17	17	17	23	15	12	14	19
7	17	18	18	25	17	17	17	19	15	12	15	18
8	16	18	34	23	17	16	17	18	15	13	15	18
9	16	19	32	17	17	16	17	18	15	13	15	18
10	16	18	26	17	20	18	17	21	15	12	15	17
11	16	18	22	17	19	17	20	18	16	12	14	19
12	16	18	20	17	18	16	18	18	15	14	14	17
13	16	18	27	16	17	16	17	17	15	16	14	16
14	17	18	21	17	17	16	17	17	15	14	14	18
15	18	23	18	17	17	16	17	18	15	14	15	18
16	17	24	17	17	19	16	17	18	16	14	16	18
17	18	20	17	17	23	18	17	18	15	14	16	16
18	23	19	17	17	18	20	17	17	15	14	15	16
19	21	19	19	17	22	18	17	17	14	13	15	16
20	19	18	19	17	20	16	17	16	14	11	15	16
21	18	18	18	18	18	16	17	16	14	12	15	16
22	18	18	18	18	20	16	17	16	15	15	28	16
23	17	22	18	17	21	16	16	13	17	18	19	16
24	17	19	17	18	20	16	16	14	15	18	17	16
25	17	18	17	19	19	16	16	16	15	17	16	16
26	17	19	17	22	18	16	16	15	14	14	16	16
27	17	18	17	19	17	16	16	15	14	13	16	16
28	17	19	17	18	17	16	17	19	14	13	16	16
29	17	18	17	18	---	25	20	19	14	13	15	16
30	17	18	17	18	---	22	18	15	14	14	17	17
31	17	---	19	18	---	24	---	13	---	13	20	---
TOTAL	556	564	601	575	516	537	528	547	438	422	490	511
MEAN	17.9	18.8	19.4	18.5	18.4	17.3	17.6	17.6	14.6	13.6	15.8	17.0
MAX	29	24	34	26	23	25	21	30	17	18	28	20
MIN	16	17	17	16	17	16	16	13	12	11	13	16

CAL YR 1989 TOTAL 6931 MEAN 19.0 MAX 46 MIN 12
WTR YR 1990 TOTAL 6285 MEAN 17.2 MAX 34 MIN 11

EDISTO RIVER BASIN

289

02173000 SOUTH FORK EDISTO RIVER NEAR DENMARK, SC

LOCATION.--Lat 33°23'35'', long 81°08'00'', Bamberg-Orangeburg County Line, Hydrologic Unit 03050204, on left bank at downstream side of bridge on U.S. Highway 321, 360 ft downstream from Seaboard Coast Line Railroad Bridge, 1.8 mi downstream from Little River, and 4.8 mi north of Denmark, and at mile 136.6.

DRAINAGE AREA.--720 mi², approximately (measured on topographic and highway planning survey maps).

PERIOD OF RECORD.--August 1931 to September 1971, October 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 155.68 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 27, 1931, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--50 years (water years 1932-71, 1981 to current year), 764 ft³/s, 14.41 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,500 ft³/s, Apr. 11, 1936, gage height, 10.91 ft, from rating curve extended above 7,100 ft³/s, on basis of velocity-area studies; minimum, 133 ft³/s, July 12, 13, 1990, gage height, 2.37 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 11.7 ft in October 1929, on basis of information from State Highway Department (discharge 17,100 ft³/s) (by conveyance-slope study).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1320 ft³/s, Dec. 15, gage height, 6.88 ft; minimum, 133 ft³/s, July 12, 13, gage height, 2.37 ft; minimum daily discharge, 133 ft³/s, July 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	657	496	674	726	804	778	678	423	458	181	185	273
2	1030	497	662	744	813	761	712	414	393	178	176	266
3	1040	544	646	748	786	742	706	414	354	171	178	269
4	901	579	625	748	752	715	681	427	334	162	183	256
5	782	579	608	747	736	688	667	423	307	156	181	233
6	735	575	595	761	721	670	658	470	288	151	181	220
7	699	570	591	839	706	660	647	510	280	145	180	210
8	703	570	659	1000	690	654	622	529	282	142	204	204
9	750	592	860	1070	675	666	591	539	290	140	277	228
10	755	620	1030	1060	670	711	568	581	304	138	318	236
11	711	604	1090	999	675	730	562	664	412	135	333	227
12	650	585	1080	954	674	712	557	751	430	134	351	212
13	582	569	1110	962	663	685	545	725	401	133	343	211
14	525	559	1220	978	650	662	538	645	345	148	307	222
15	504	582	1320	965	641	649	543	589	308	192	278	233
16	512	678	1270	917	652	648	556	570	290	206	266	223
17	516	723	1160	855	740	657	582	548	293	209	228	210
18	587	722	1050	802	786	699	600	483	275	211	219	212
19	759	716	1000	768	831	710	566	417	257	242	212	208
20	762	703	1010	741	861	699	512	378	242	252	207	201
21	704	689	980	726	846	683	480	362	228	255	200	190
22	678	678	924	717	863	669	454	376	213	267	223	183
23	663	719	856	704	935	668	430	353	214	284	316	183
24	642	757	805	696	952	673	409	339	260	305	374	180
25	628	751	777	694	935	665	397	324	259	339	389	175
26	619	725	774	753	921	638	387	302	240	307	389	176
27	604	704	770	811	867	609	371	290	231	292	355	176
28	575	684	757	823	808	589	347	351	214	263	323	173
29	539	677	739	819	---	582	393	504	200	241	291	169
30	514	677	717	796	---	596	425	540	188	220	269	173
31	501	---	703	786	---	630	---	522	---	200	270	---
TOTAL	20827	19124	27062	25709	21653	20898	16184	14763	8790	6399	8206	6332
MEAN	672	637	873	829	773	674	539	476	293	206	265	211
MAX	1040	757	1320	1070	952	778	712	751	458	339	389	273
MIN	501	496	591	694	641	582	347	290	188	133	176	169

CAL YR 1989 TOTAL 244756 MEAN 671 MAX 1320 MIN 245
WTR YR 1990 TOTAL 195947 MEAN 537 MAX 1320 MIN 133

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, SC

LOCATION.--Lat 33°29'00'', Long 80°52'25'', Orangeburg County, Hydrologic Unit 03050203, on left bank, under bridge on U.S. Highway 301 at Orangeburg, 0.5 mi upstream from Seaboard Coast Line Railroad bridge, 1.5 mi downstream from Caw Caw Swamp and at mile 22.1.

DRAINAGE AREA.--683 mi².

REVISED RECORDS.--WSP 1032: Drainage area.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 149.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: Nov. 7 - 8, which are fair. About 9.7 ft³/s, diverted by City of Orangeburg for municipal supply.

AVERAGE DISCHARGE.--52 years, 772 ft³/s, 15.35 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,500 ft³/s, Sept. 18, 1945, gage height, 14.28 ft, from rating curve extended above 5,300 ft³/s, by velocity-area studies; minimum, 190 ft³/s, Sept. 13, 14, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 14.7 ft in September 1928, discharge, 10,000 ft³/s, from rating curve extended as described above, on basis of information from Department of Public Utilities, City of Orangeburg.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,460 ft³/s, Oct. 2, gage height 7.47 ft; minimum 231 ft³/s, July 11 - 13, gage height, 1.76 ft; minimum daily, 232 ft³/s, July 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	863	501	655	731	802	786	753	455	476	320	272	413
2	1380	502	646	737	806	769	798	450	459	312	265	371
3	1150	516	627	758	814	765	785	444	441	299	275	360
4	1010	543	604	765	807	738	749	445	430	288	272	373
5	916	579	589	762	792	705	711	463	400	278	269	350
6	848	601	576	772	781	674	678	552	374	269	272	336
7	798	642	579	816	774	657	655	640	362	257	289	321
8	760	626	698	979	746	648	635	702	383	252	359	319
9	744	615	883	1070	720	649	604	735	449	249	383	312
10	767	664	1030	1090	708	666	572	765	422	245	386	304
11	764	632	1150	1040	708	687	558	800	474	235	407	304
12	723	621	1180	966	695	690	554	840	489	232	395	301
13	667	598	1200	922	683	672	551	810	473	237	368	300
14	617	577	1160	916	665	645	551	698	442	262	343	298
15	580	578	1270	922	650	632	549	603	414	308	341	306
16	556	626	1250	910	662	629	542	547	497	395	335	311
17	551	661	1120	871	729	639	526	533	552	367	340	309
18	605	747	1020	831	782	685	507	508	561	366	353	309
19	644	749	967	792	881	722	490	465	513	362	348	316
20	688	734	956	764	896	719	476	434	419	369	335	317
21	701	715	962	747	890	692	467	424	364	400	321	313
22	684	665	944	734	880	666	461	422	350	404	316	304
23	657	702	893	765	917	653	452	420	429	383	333	295
24	636	724	853	755	962	647	441	408	498	375	372	281
25	616	750	806	744	954	648	431	393	515	374	436	273
26	598	740	785	752	916	636	421	379	530	369	453	274
27	578	717	774	787	875	606	414	365	463	356	495	277
28	556	696	767	833	830	584	409	396	410	341	528	275
29	537	677	754	849	---	583	438	469	371	323	537	276
30	520	664	734	842	---	603	459	499	341	303	518	284
31	508	---	720	818	---	682	---	497	---	285	470	---
TOTAL	22222	19362	27152	26040	22325	20777	16637	16561	13301	9755	11386	9382
MEAN	717	645	876	840	797	670	555	534	443	315	367	313
MAX	1380	750	1270	1090	962	786	798	840	561	404	537	413
MIN	508	501	576	731	650	583	409	365	341	232	265	273

CAL YR 1989 TOTAL 241356 MEAN 661 MAX 1380 MIN 302
WTR YR 1990 TOTAL 214900 MEAN 589 MAX 1380 MIN 232

REVISION.--The Calendar Year Summary in the SC-89-1 are revised as follows: CAL YR 1988 TOTAL 177296
MEAN 486 MAX 1040 MIN 225

EDISTO RIVER BASIN

291

02174000 EDISTO RIVER NEAR BRANCHVILLE, SC

LOCATION.--Lat 33°10'35'', long 80°48'05'', Bamberg County, Hydrologic Unit 03050205, on right bank 400 ft downstream from bridge on U.S. Highway 21, 4.7 mi downstream from Brier Branch, 5.2 mi south of Branchville, and at mile 100.0.

DRAINAGE AREA.--1,720 mi², approximately.

PERIOD OF RECORD.--October 1945 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 80.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to May 19, 1949, at datum 1.00 ft higher.

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

AVERAGE DISCHARGE.--45 years, 1,945 ft³/s, 15.36 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,600 ft³/s, Sept. 3, 1964, gage height, 11.44 ft; minimum, 323 ft³/s, Aug. 14, 1956, July 13, 1990.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 13.5 ft, present datum, in September 1928, on basis of information from State Highway Department, discharge, 25,700 ft³/s, by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,400 ft³/s, Oct. 5, gage height, 8.06 ft; minimum, 323 ft³/s, July 13, gage height, 0.28 ft; minimum daily, 325 ft³/s, July 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1840	1180	1600	1920	2130	2540	1510	821	937	576	511	763
2	1930	1140	1540	1880	2130	2430	1570	836	945	540	477	729
3	2210	1130	1490	1860	2070	2300	1630	829	917	509	458	677
4	3480	1110	1440	1840	2030	2150	1670	819	857	487	444	657
5	4350	1110	1410	1830	2050	2030	1690	812	801	461	436	648
6	4010	1110	1370	1850	2080	1940	1690	845	759	439	435	622
7	3440	1130	1330	1920	2080	1850	1630	849	718	420	479	586
8	3010	1170	1360	2130	2020	1760	1540	872	686	399	480	557
9	2770	1210	1540	2450	1930	1670	1460	931	698	379	504	535
10	2520	1220	1760	2820	1870	1610	1390	1010	723	363	569	527
11	2260	1230	2060	3110	1830	1580	1350	1080	790	354	611	520
12	2040	1230	2480	3200	1790	1580	1290	1130	809	341	636	517
13	1920	1240	2870	3130	1740	1600	1230	1180	849	325	658	509
14	1850	1250	3060	2980	1700	1630	1170	1250	858	334	669	495
15	1780	1250	3120	2790	1660	1640	1120	1370	835	352	661	490
16	1680	1250	3120	2640	1630	1600	1100	1450	806	403	660	489
17	1550	1250	3110	2550	1660	1570	1080	1370	768	468	652	496
18	1480	1270	3170	2520	1710	1640	1060	1190	767	520	615	494
19	1490	1340	3230	2480	1860	1680	1050	1070	779	552	589	483
20	1530	1420	3200	2400	2130	1710	1050	996	784	565	573	482
21	1530	1500	3060	2300	2450	1730	1050	897	755	581	551	482
22	1570	1530	2910	2200	2680	1730	1020	822	678	600	534	476
23	1660	1550	2780	2100	2750	1690	961	783	615	617	523	464
24	1700	1570	2680	1970	2760	1620	913	768	595	624	537	444
25	1650	1570	2570	1880	2760	1550	877	754	626	625	601	426
26	1570	1600	2460	1870	2760	1490	846	734	687	629	688	405
27	1490	1630	2330	1880	2730	1460	820	712	727	640	775	393
28	1410	1660	2210	1910	2640	1440	809	731	726	627	781	392
29	1340	1670	2120	1960	---	1420	793	844	684	607	777	390
30	1290	1650	2020	2020	---	1410	805	856	624	579	775	388
31	1230	---	1960	2090	---	1440	---	912	---	546	779	---
TOTAL	63580	40170	71360	70480	59630	53490	36174	29523	22803	15462	18438	15536
MEAN	2051	1339	2302	2274	2130	1725	1206	952	760	499	595	518
MAX	4350	1670	3230	3200	2760	2540	1690	1450	945	640	781	763
MIN	1230	1110	1330	1830	1630	1410	793	712	595	325	435	388

CAL YR 1989 TOTAL 589321 MEAN 1615 MAX 4350 MIN 619
WTR YR 1990 TOTAL 496646 MEAN 1361 MAX 4350 MIN 325

EDISTO RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC
(National stream-quality accounting network station)

LOCATION.--Lat 33°01'40'', long 80°23'30'', Dorchester County, Hydrologic Unit 03050205, on left bank at downstream side of bridge on State Highway 61, 2.3 mi downstream from Four Hole Swamp, 2.8 mi west of Givhans, and at mile 59.9.

DRAINAGE AREA.--2,730 mi², approximately.

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1303: 1939 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 20.46 ft National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. About 118 ft³/s a day diverted above station for Charleston water supply during year.

AVERAGE DISCHARGE.--51 years, 2,573 ft³/s, 12.80 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,500 ft³/s, June 14, 1973, gage height, 15.84 ft; minimum, 250 ft³/s, July 13 - 14, 1990, gage height, 1.04; minimum gage height, 0.51 ft, Aug. 16, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1904, 17.5 ft in February 1925, from investigation by Charleston Commissioners of Public Works, discharge, 24,900 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,830 ft³/s, Oct. 10, gage height, 11.11 ft; minimum, 250 ft³/s, July 13 - 14, gage height, 1.04 ft; minimum daily discharge, 252 ft³/s, July 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3160	2700	2180	3490	2840	3810	2860	777	715	452	384	644
2	3680	2530	2190	3330	2840	3790	3200	759	738	416	366	654
3	4410	2430	2160	3220	2850	3740	3300	754	752	381	343	630
4	4980	2340	2110	3120	2870	3630	3180	748	752	357	330	604
5	5300	2250	2040	3030	2860	3490	2970	731	703	341	313	554
6	5480	2150	1970	3040	2830	3330	2780	714	638	320	310	526
7	5790	2060	1910	3220	2820	3150	2650	698	593	307	353	502
8	6210	1980	1940	3720	2820	2970	2550	700	547	299	360	475
9	6490	1940	2240	4300	2820	2790	2460	714	522	285	432	451
10	6740	1900	2660	4840	2810	2630	2350	779	512	271	446	433
11	6770	1870	3150	5010	2780	2490	2220	859	582	261	447	421
12	6440	1850	3610	5000	2710	2370	2090	897	663	255	447	407
13	5900	1810	3950	5000	2650	2260	1980	954	685	252	462	396
14	5300	1790	4180	5030	2570	2180	1870	996	712	254	486	394
15	4770	1790	4490	5030	2500	2130	1770	1040	702	256	508	389
16	4310	1810	4870	4950	2440	2100	1650	1090	693	256	507	376
17	3940	1800	5220	4820	2430	2090	1520	1160	664	266	508	370
18	3760	1790	5480	4660	2450	2130	1410	1210	618	309	506	372
19	3740	1780	5630	4480	2500	2210	1330	1190	601	343	485	374
20	3720	1790	5700	4280	2550	2290	1260	1050	613	372	468	369
21	3740	1820	5700	4100	2630	2330	1210	930	620	388	457	364
22	3770	1850	5630	3940	2770	2350	1170	813	604	458	437	363
23	3690	1940	5470	3760	2960	2340	1130	705	554	426	432	360
24	3550	2020	5220	3570	3230	2320	1050	640	488	443	468	350
25	3390	2080	4930	3380	3500	2280	966	605	444	436	438	342
26	3290	2110	4670	3230	3700	2220	894	585	440	435	462	336
27	3220	2120	4430	3110	3780	2160	835	572	473	434	515	322
28	3170	2130	4230	3030	3800	2100	783	561	513	441	577	313
29	3120	2150	4050	2970	---	2090	784	571	524	446	612	310
30	3020	2170	3860	2920	---	2190	798	636	503	434	609	311
31	2870	---	3670	2870	---	2440	---	672	---	414	612	---
TOTAL	137720	60750	119540	120450	80310	80400	55020	25110	18168	11008	14080	12712
MEAN	4443	2025	3856	3885	2868	2594	1834	810	606	355	454	424
MAX	6770	2700	5700	5030	3800	3810	3300	1210	752	458	612	654
MIN	2870	1780	1910	2870	2430	2090	783	561	440	252	310	310

CAL YR 1989 TOTAL 827473 MEAN 2267 MAX 6770 MIN 510
WTR YR 1990 TOTAL 735268 MEAN 2014 MAX 6770 MIN 252

EDISTO RIVER BASIN

293

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1967 to July 1973, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS. / 100 ML)	STREP-TOCOCCHI, FECAL, KF AGAR (COLS. PER 100 ML)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CaCO3)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
NOV 16...	1400	1810	754	17.5	K66	K120	7.2	76	25	7.0	83
JAN 31...	1700	2850	766	12.0	K50	K120	8.7	80	21	7.0	101
APR 13...	1200	1980	772	17.0	K50	K40	7.7	79	23	7.1	72
MAY 24...	1600	633	764	25.0	K22	K44	7.4	89	15	6.8	62
JUL 12...	0800	255	766	31.0	230	120	6.4	86	17	7.1	99
SEP 19...	1300	375	762	25.0	K40	K120	8.6	104	12	7.1	87

DATE	TUR-BID-ITY (NTU)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV 16...	1.4	7.8	1.4	2.2	6.1	32	0.5	19	10	0.10
JAN 31...	3.0	6.6	1.2	1.6	6.0	36	0.6	19	9.5	0.10
APR 13...	4.5	7.1	1.2	1.6	5.5	33	0.5	23	8.1	0.10
MAY 24...	2.2	4.7	0.80	0.90	7.0	48	0.8	8	10	<0.10
JUL 12...	2.3	5.7	0.78	1.0	8.2	49	0.9	12	16	<0.10
SEP 19...	4.0	3.7	0.74	1.3	13	67	2	9	11	0.20

DATE	SULFATE DIS-SOLVED (MG/L AS SO4)	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)
NOV 16...	3.0	6.6	68	48	0.09	332	<0.010	<0.100	0.020	0.03
JAN 31...	4.0	2.4	69	42	0.09	531	<0.010	0.120	0.020	0.03
APR 13...	3.5	4.5	63	44	0.09	337	<0.010	0.200	0.060	0.08
MAY 24...	5.1	5.8	44	41	0.06	75.2	<0.010	0.400	0.020	0.03
JUL 12...	4.0	5.1	52	48	0.07	35.8	<0.010	0.300	0.020	0.03
SEP 19...	14	5.9	56	57	0.08	56.7	<0.010	0.500	0.020	0.03

EDISTO RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DATE	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)
NOV 16...	0.020	0.58	0.60	0.09	0.030	0.050	0.070	90	<1	120
JAN 31...	0.020	0.78	0.80	0.03	0.010	0.030	0.050	120	<1	34
APR 13...	0.090	0.51	0.60	0.06	0.020	0.040	0.060	--	--	--
MAY 24...	0.030	0.47	0.50	0.06	0.020	0.040	0.080	60	1	27
JUL 12...	0.020	0.48	0.50	0.12	0.040	0.060	0.060	--	--	--
SEP 19...	0.030	0.27	0.30	0.06	0.020	0.040	0.040	40	2	22

DATE	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)
NOV 16...	<0.5	<1.0	1	<3	1	580	1	6	29	<4
JAN 31...	<0.5	<1.0	<5	<3	<10	420	<10	7	54	<4
APR 13...	--	--	--	--	--	--	--	6	32	--
MAY 24...	<0.5	<1.0	1	<3	1	350	<1	10	17	<4
JUL 12...	--	--	--	--	--	--	--	5	3.4	--
SEP 19...	<0.5	<1.0	<1	<3	1	300	<1	2	2.0	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
NOV 16...	25	93	0.1	<10	1	<1	<1.0	27	<6	36
JAN 31...	17	73	<0.1	<10	<10	<1	<1.0	24	<6	9
APR 13...	--	100	--	--	--	--	--	--	--	--
MAY 24...	29	100	<0.1	<10	<1	<1	<1.0	18	<6	4
JUL 12...	--	95	--	--	--	--	--	--	--	--
SEP 19...	20	100	<0.1	<10	1	<1	<1.0	17	<6	8

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

COMBAHEE RIVER BASIN

295

02175500 SALKEHATCHIE RIVER NEAR MILEY, SC

LOCATION.--Lat 32°59'20'', long 81°03'10'', Hampton County, Hydrologic Unit 03050207, on right bank, 90 ft downstream from bridge on U.S. Highway 601, 2.4 mi downstream from Savannah Creek, 3.1 mi upstream from Hampton and Branchville Railroad bridge, 3.1 mi northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 mi².

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 64.35 ft above National Geodetic Vertical Datum of 1929. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

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

AVERAGE DISCHARGE.--39 years, 335 ft³/s, 13.34 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,300 ft³/s, Mar. 13, 1980, gage height, 5.44 ft; minimum, 17 ft³/s, Sept. 13, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,110 ft³/s, Oct. 6, gage height, 4.23 ft; minimum, 18 ft³/s, July 9 - 11, gage height, 0.86 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	388	194	362	344	415	402	460	180	262	33	43	167
2	494	226	349	342	395	366	459	166	231	29	40	204
3	461	260	336	339	370	352	438	150	160	27	48	192
4	398	247	326	339	352	350	403	131	124	26	46	204
5	335	236	317	349	346	347	360	123	107	23	42	187
6	794	230	307	403	347	343	312	144	95	22	41	135
7	1090	233	299	491	346	342	275	132	87	20	40	95
8	939	237	356	683	344	319	252	120	85	19	44	75
9	709	246	519	747	344	303	232	126	165	18	72	65
10	528	269	702	855	349	306	217	147	191	18	85	59
11	449	274	794	1020	360	310	221	136	236	19	95	54
12	397	262	909	961	362	314	254	121	221	19	98	50
13	380	251	1000	841	353	314	251	118	165	20	96	48
14	363	245	995	711	350	314	244	117	126	32	95	46
15	328	258	928	591	343	312	244	108	133	55	102	49
16	278	324	820	502	323	303	226	98	196	49	102	49
17	249	349	681	441	364	299	199	88	195	45	109	47
18	332	325	603	391	399	340	180	80	150	46	114	45
19	443	306	594	368	475	380	164	76	123	49	111	43
20	500	308	593	356	573	385	157	76	107	59	115	41
21	433	327	573	351	661	383	148	72	88	73	89	38
22	385	347	519	351	742	383	141	77	70	82	87	37
23	386	399	483	348	782	375	132	76	57	79	148	36
24	428	403	480	347	819	344	128	69	49	88	157	34
25	418	382	459	347	736	300	121	63	46	90	130	33
26	379	358	426	384	633	267	115	58	43	83	128	33
27	333	345	401	395	552	250	107	56	41	87	128	33
28	288	354	379	393	454	236	102	84	41	81	120	31
29	249	374	361	392	---	270	164	311	39	63	109	30
30	221	367	347	409	---	352	194	398	36	54	101	31
31	202	---	337	426	---	402	---	292	---	49	116	---
TOTAL	13577	8936	16555	15217	12889	10263	6900	3993	3669	1457	2851	2191
MEAN	438	298	534	491	460	331	230	129	122	47.0	92.0	73.0
MAX	1090	403	1000	1020	819	402	460	398	262	90	157	204
MIN	202	194	299	339	323	236	102	56	36	18	40	30

CAL YR 1989 TOTAL 110111 MEAN 302 MAX 1090 MIN 44
WTR YR 1990 TOTAL 98498 MEAN 270 MAX 1090 MIN 18

BROAD RIVER BASIN

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC

LOCATION.--Lat 32°50'10'', long 81°07'55'', Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 50.30 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--39 years, 179 ft³/s, 11.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,160 ft³/s, Sept. 2, 1969, gage height, 8.39 ft, from floodmarks; no flow for some days in 1951, 1954, 1956, 1957, 1968, 1969, 1980, 1981, 1982, 1986, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,440 ft³/s, Jan. 8, gage height, 5.06 ft; no flow for part or all of each day; July 4 - 25, 31, Aug. 1 - 8, Sept. 19 - 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	159	44	165	269	255	232	475	73	32	.62	.00	3.2
2	267	51	149	285	241	214	396	47	18	.35	.00	2.2
3	486	84	136	284	229	207	317	29	12	.09	.00	1.5
4	538	126	124	272	221	200	238	21	8.6	.01	.00	1.9
5	446	128	115	251	210	186	180	18	6.4	.00	.00	1.5
6	312	110	109	466	197	172	142	14	4.0	.00	.00	1.0
7	217	98	108	817	187	158	123	10	3.3	.00	.00	.88
8	165	88	223	1320	176	146	108	9.1	2.9	.00	.01	1.8
9	135	84	678	1270	167	142	97	8.7	7.3	.00	.43	2.6
10	122	81	842	1000	170	143	89	10	14	.00	2.0	2.7
11	122	78	768	793	202	148	88	11	37	.00	3.5	3.4
12	126	77	644	648	236	145	87	9.0	76	.00	3.8	3.4
13	127	77	634	537	231	137	82	7.2	63	.00	3.0	2.8
14	119	70	638	461	205	128	79	6.1	25	.00	5.4	2.6
15	108	79	583	408	181	118	73	5.3	14	.00	3.6	1.9
16	98	113	498	373	176	116	67	4.6	36	.00	2.0	1.0
17	88	145	411	345	268	121	58	3.8	96	.00	2.7	.34
18	98	179	370	324	352	174	47	3.6	228	.00	1.8	.07
19	130	183	403	311	429	263	39	2.6	137	.00	1.1	.00
20	171	153	539	298	479	253	35	1.9	67	.00	.68	.00
21	194	131	586	295	460	200	32	1.8	30	.00	.37	.00
22	177	112	539	299	428	157	30	2.5	15	.00	.27	.00
23	146	142	470	290	458	131	27	3.7	8.7	.00	2.9	.00
24	121	198	431	273	481	114	23	5.7	4.8	.00	3.6	.00
25	101	232	359	261	421	100	19	5.5	3.0	.00	8.9	.00
26	85	221	335	313	359	91	15	4.0	2.1	.33	10	.00
27	70	187	320	369	305	79	12	3.0	1.7	.61	7.6	.00
28	59	167	302	371	262	72	12	6.9	1.6	.81	6.5	.00
29	51	178	283	337	---	97	31	10	1.0	.55	6.4	.00
30	46	182	265	301	---	217	77	35	.57	.19	5.8	.00
31	44	---	251	274	---	403	---	56	---	.02	4.5	---
TOTAL	5128	3798	12278	14115	7986	5064	3098	429.0	955.97	3.58	86.86	34.79
MEAN	165	127	396	455	285	163	103	13.8	31.9	.12	2.80	1.16
MAX	538	232	842	1320	481	403	475	73	228	.81	10	3.4
MIN	44	44	108	251	167	72	12	1.8	.57	.00	.00	.00

CAL YR 1989 TOTAL 52556.72 MEAN 144 MAX 1130 MIN .82
WTR YR 1990 TOTAL 52977.20 MEAN 145 MAX 1320 MIN .00

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.--Lat 34°48'50'', long 83°18'22'', Oconee County, SC-Rabon 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 War Woman 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 mi².

PERIOD OF RECORD.--May 1907 to June 1908, October 1939 to current year. Monthly discharge only for May 1907 to June 1908, published in WSP 1303.

REVISED RECORDS.--WSP 1383: 1940-41, drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above National Geodetic Vertical Datum of 1929. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

REMARKS.--Estimated daily discharges: Feb. 17 - 28. Records good.

AVERAGE DISCHARGE.--51 years (water years 1940-90), 649 ft³/s, 42.58 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,000 ft³/s, Aug. 30, 1940, gage height, 13.8 ft, from rating curve extended above 4,700 ft³/s, on basis of slope-area measurements at gage heights 9.9 and 13.2 ft; minimum, 88 ft³/s, Oct. 8, 12, 13, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 1	1830	7,010	5.87	Feb. 16	1445	* 11,000	* 7.59
Feb. 10	1300	4,400	4.56	Mar. 17	1145	8,370	6.47

Minimum discharge, 191 ft³/s, Sept. 7, 8, gage height, 1.09 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5330	568	556	1380	1050	1300	1200	739	533	271	257	248
2	3590	546	540	907	991	1460	1150	711	558	261	257	231
3	2000	538	526	785	963	2280	1100	734	596	252	267	221
4	1560	521	509	841	1370	1730	1060	744	510	245	254	211
5	1340	513	505	974	1300	1500	1030	790	474	240	256	205
6	1190	564	497	955	1120	1390	1010	727	461	232	343	204
7	1080	611	496	908	1060	1310	988	682	451	230	347	195
8	996	606	871	1050	969	1330	952	646	439	250	298	204
9	925	675	926	988	969	1520	924	728	428	245	315	411
10	883	585	789	886	3090	1390	947	2110	440	487	380	348
11	845	544	697	812	1980	1290	1070	1210	418	291	290	263
12	806	526	1040	777	1550	1220	929	951	400	261	260	368
13	774	510	1300	724	1370	1170	890	870	382	340	250	513
14	742	502	964	697	1270	1130	868	791	377	1080	287	590
15	714	580	837	679	1200	1100	862	734	372	849	261	655
16	705	1340	764	664	4790	1880	831	696	365	469	315	415
17	899	847	703	645	3420	5730	807	690	376	356	255	325
18	863	701	673	649	2330	2940	786	671	364	345	255	286
19	1040	638	665	627	2240	2160	767	621	347	447	241	265
20	805	605	647	683	1930	1890	755	706	331	403	251	255
21	742	581	618	1590	1740	1720	754	672	322	387	246	244
22	704	601	595	1020	1970	1610	744	609	317	375	276	365
23	672	1070	552	868	2110	1520	732	585	311	341	333	329
24	651	783	522	836	1770	1460	712	575	301	310	288	253
25	631	696	593	1410	1580	1400	691	558	293	383	538	236
26	611	660	565	1360	1490	1370	675	548	289	332	403	227
27	597	630	538	1080	1410	1340	657	553	287	300	312	218
28	585	618	528	971	1350	1260	867	591	322	286	270	212
29	575	588	520	1170	---	1260	1080	753	314	296	244	212
30	567	568	554	1530	---	1250	808	582	285	329	247	208
31	584	---	1110	1170	---	1310	---	538	---	279	296	---
TOTAL	34006	19315	21200	29636	48382	51220	26646	23115	11663	11172	9092	8917
MEAN	1097	644	684	956	1728	1652	888	746	389	360	293	297
MAX	5330	1340	1300	1590	4790	5730	1200	2110	596	1080	538	655
MIN	567	502	496	627	963	1100	657	538	285	230	241	195

CAL YR 1989 TOTAL 282305 MEAN 773 MAX 5330 MIN 273
WTR YR 1990 TOTAL 294364 MEAN 806 MAX 5730 MIN 195

SAVANNAH RIVER BASIN

02184475 HOWARD CREEK NEAR JOCASSEE, SC

LOCATION.--Lat 35°00'10'', long 83°01'31'', Oconee county, Hydrologic Unit 03060101, on left side of downstream end of culvert on SC Hwy 130, at West Bad Creek, 0.3 mi upstream of Bad Creek, 1.4 mi south of NC-SC border, and 8.2 mi northwest of Salem.

DRAINAGE AREA.--2.16 mi²

PERIOD OF RECORD.--May 1988 to current year.

GAGE.--Data collection platform. Datum of gage is 2,100 ft above National Geodetic Vertical Datum of 1929 (from topographic map)

REMARKS.--Records fair, except for estimated daily discharges: Oct. 1, Nov. 15, 16, Jan. 13, 14, Feb. 16, Mar. 17, Apr. 18, Aug. 29 to Sept. 7, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 3, 1989, gage height, 2.33 ft; minimum daily, 1.4 ft³/s, June 11, 15, 16, 19, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 1.79 ft; minimum daily, 1.9 ft³/s, Sept. 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	135	10	11	17	17	14	14	13	6.4	2.4	2.0	7.0
2	59	6.9	11	16	17	19	14	12	5.9	2.3	3.0	17
3	38	12	5.9	14	16	25	13	11	6.2	4.4	3.6	12
4	32	12	10	7.0	19	18	11	12	5.9	2.0	3.7	5.0
5	31	6.1	9.7	6.8	18	23	11	10	4.6	4.0	6.3	4.5
6	28	16	7.8	6.9	17	21	11	11	5.7	5.1	10	4.0
7	28	8.0	10	6.6	8.7	11	12	8.2	7.5	2.0	10	3.7
8	28	14	17	9.8	20	20	11	11	3.2	2.0	2.3	2.2
9	27	13	12	16	22	19	11	18	3.1	2.5	4.2	5.8
10	27	10	11	23	45	14	10	35	4.6	2.6	7.4	6.7
11	14	12	14	19	31	13	9.3	25	9.8	4.4	2.8	9.8
12	15	7.9	22	19	29	13	14	21	4.7	7.9	2.1	11
13	17	8.9	24	22	26	12	11	13	3.1	3.6	5.6	16
14	9.1	8.0	8.5	22	25	11	10	12	3.1	21	4.0	13
15	16	21	12	19	18	11	10	9.2	6.9	17	6.7	13
16	9.7	36	11	12	57	31	10	8.9	3.2	13	2.2	9.2
17	17	11	11	8.1	32	70	8.5	11	3.2	4.8	3.7	4.3
18	15	19	11	12	27	35	12	11	2.9	6.9	3.1	3.3
19	19	23	11	11	25	28	8.9	9.5	7.3	16	4.3	6.4
20	14	21	10	12	26	26	9.9	8.1	2.8	3.3	5.8	4.6
21	15	11	16	20	27	27	11	8.9	2.7	5.1	3.3	2.8
22	6.8	17	14	23	32	27	9.4	11	2.6	12	5.6	7.1
23	12	19	8.1	11	30	27	10	8.3	2.6	7.8	7.4	5.9
24	17	17	4.4	13	29	26	8.8	7.6	2.7	3.0	7.4	1.9
25	11	11	6.1	27	29	19	7.4	7.4	2.6	2.6	18	4.6
26	13	14	11	25	28	16	6.0	8.2	4.8	2.5	15	3.0
27	7.5	9.7	13	15	24	16	9.3	7.6	6.6	2.5	8.1	2.0
28	13	12	10	6.6	16	12	19	12	6.3	6.8	6.8	5.2
29	10	12	8.0	23	---	14	18	13	2.7	5.8	2.7	2.5
30	9.1	7.0	8.3	23	---	16	16	8.0	2.4	2.1	2.7	5.2
31	14	---	17	18	---	15	---	5.7	---	2.0	7.0	---
TOTAL	707.2	405.5	355.8	483.8	710.7	649	336.5	367.6	136.1	179.4	176.8	198.7
MEAN	22.8	13.5	11.5	15.6	25.4	20.9	11.2	11.9	4.54	5.79	5.70	6.62
MAX	135	36	24	27	57	70	19	35	9.8	21	18	17
MIN	6.8	6.1	4.4	6.6	8.7	11	6.0	5.7	2.4	2.0	2.0	1.9

CAL YR 1989 TOTAL 5090.6 MEAN 13.9 MAX 135 MIN 2.0
WTR YR 1990 TOTAL 4707.1 MEAN 12.9 MAX 135 MIN 1.9

SAVANNAH RIVER BASIN

299

02185200 LITTLE RIVER NEAR WALHALLA, SC

LOCATION.--Lat 34°50'11'', long 82°58'48'', Oconee County, Hydrologic Unit 03060101, at downstream side of bridge on County Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla.

DRAINAGE AREA.--72.0 mi².

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 807.63 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: Aug. 29 - 31, which are fair.

AVERAGE DISCHARGE.--23 years, 175 ft³/s, 33.01 in/yr.

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 12,800 ft³/s, June 4, 1967, gage height, 12.29 ft (revised); minimum, 12 ft³/s, Aug. 3, 4, 1986, gage height, 0.84 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 1	1400	* 4690	* 7.03	Mar. 17	0900	4380	6.77

Minimum discharge, 49 ft³/s, Sept. 8, gage height, 1.08 ft; minimum daily, 52 ft³/s, Sept. 7, 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2830	142	147	400	245	240	276	188	133	81	74	67
2	1030	140	141	271	223	379	267	179	136	80	74	63
3	488	139	133	202	215	731	257	174	141	78	72	59
4	344	136	129	222	341	415	248	177	136	78	72	57
5	277	134	128	222	266	338	241	175	129	76	72	55
6	237	150	126	234	234	300	233	166	126	76	77	53
7	217	150	127	221	238	271	232	163	124	76	86	52
8	203	156	250	291	225	280	224	157	121	76	75	52
9	192	150	226	252	238	334	220	206	120	75	72	107
10	186	140	197	221	681	308	230	513	125	74	85	107
11	181	136	181	206	408	291	256	262	115	74	73	132
12	175	135	385	196	331	276	224	216	109	74	71	220
13	171	133	357	188	299	265	217	202	106	83	69	262
14	167	141	257	183	284	257	215	188	106	160	69	237
15	163	161	218	180	273	252	217	176	106	119	69	186
16	162	292	197	177	537	564	212	168	105	94	81	127
17	200	197	179	176	426	2350	208	168	108	85	69	103
18	184	175	170	177	312	732	200	157	103	100	69	92
19	194	162	169	172	325	498	193	152	100	140	69	83
20	169	156	164	190	277	413	192	168	95	95	69	80
21	157	151	158	496	248	363	188	161	94	113	69	76
22	153	164	152	268	300	333	189	153	91	124	83	113
23	151	253	147	228	292	308	188	148	91	100	107	91
24	149	189	146	220	254	299	186	147	83	90	72	80
25	147	174	145	626	233	289	183	143	81	100	77	76
26	146	165	144	406	235	292	179	142	80	91	71	74
27	145	155	165	301	241	294	175	140	80	81	67	72
28	143	157	205	283	244	279	225	140	82	76	67	70
29	131	151	203	357	---	282	233	158	88	76	65	69
30	135	147	216	347	---	283	200	139	88	76	63	69
31	144	---	403	279	---	289	---	136	---	74	77	---
TOTAL	9371	4831	5965	8192	8425	12805	6508	5562	3202	2795	2285	2984
MEAN	302	161	192	264	301	413	217	179	107	90.2	73.7	99.5
MAX	2830	292	403	626	681	2350	276	513	141	160	107	262
MIN	131	133	126	172	215	240	175	136	80	74	63	52

CAL YR 1989 TOTAL 64919 MEAN 178 MAX 2830 MIN 54
WTR YR 1990 TOTAL 72925 MEAN 200 MAX 2830 MIN 52

SAVANNAH RIVER BASIN
02185300 LAKE KEOWEE NEAR SIX MILE, SC

LOCATION.--Lat 34°47'59'', long 82°53'06'', Pickens County, Hydrologic Unit 03060101, on right wingwall of Lake Keowee Spillway, approximately 100 ft. from spillway.

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (based on Bench Mark elevation provided by Duke Power Company).

REMARKS.--Lake is formed by earth dikes and dam. Generation began in 1971. Usable capacity, 17,060,000,000 ft³ between elevations 775.0 ft (normal limit of drawdown) and 800.0 ft (maximum normal elevation). Dead storage below 775.0 ft, 22,620,000,000 ft³. Lake is used for generation of power and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 799.66 ft, July 7, 1990; minimum gage height, 786.10 ft, Feb. 27, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 799.66 ft, July 7, minimum gage height, 794.93 ft, Sept. 9.

Capacity table (Elevation, in feet)
and usable contents (in billions of cubic feet)
(Provided by Duke Power Co.)

780.0 ft	2.94 ft ³
785.0 ft	6.11 ft ³
790.0 ft	9.52 ft ³
795.0 ft	13.18 ft ³
800.0 ft	17.06 ft ³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	798.81	798.39	798.60	797.95	798.86	798.45	798.76	799.07	799.21	799.07	797.99	797.55
2	799.03	798.55	798.16	798.17	798.73	799.28	798.79	799.14	799.14	799.09	797.92	797.80
3	799.12	798.71	798.23	798.23	799.09	798.89	798.58	798.99	799.30	799.22	798.30	797.69
4	798.94	798.49	798.37	798.27	798.87	798.83	798.55	798.95	799.22	799.27	798.32	797.31
5	799.18	798.79	798.15	798.63	798.96	798.74	798.46	799.04	799.24	799.17	797.97	796.74
6	799.12	798.60	798.06	799.15	799.12	799.08	798.39	799.04	799.30	799.23	798.43	796.45
7	799.28	798.89	798.34	798.74	799.05	798.89	798.66	799.03	799.32	799.46	798.56	796.16
8	799.00	798.69	798.66	798.76	799.07	799.02	798.49	799.22	799.45	799.01	798.43	795.62
9	799.13	798.90	798.50	799.21	798.68	799.22	798.36	799.61	799.27	799.18	798.48	795.48
10	799.11	799.02	798.27	799.06	798.93	799.29	798.40	799.31	799.02	799.06	798.42	796.42
11	799.06	799.08	798.36	798.91	798.95	798.87	798.41	799.43	799.31	799.13	798.45	797.09
12	799.25	798.71	798.77	799.23	798.67	798.51	798.34	799.20	799.01	799.03	798.36	797.40
13	799.07	798.84	798.75	799.13	798.77	798.60	798.29	799.14	799.04	799.03	798.33	797.85
14	798.79	798.83	798.66	799.14	798.86	798.63	798.30	799.08	798.93	799.28	798.42	798.61
15	798.63	799.33	798.31	798.87	798.85	798.81	798.40	798.98	798.88	799.25	798.67	798.99
16	799.05	799.19	798.18	799.05	798.77	799.18	798.58	799.25	799.04	799.23	798.70	798.76
17	799.39	799.06	797.60	798.79	798.98	799.02	798.69	798.98	799.03	799.01	798.78	798.61
18	798.95	798.95	797.99	798.88	798.99	798.84	798.58	799.00	799.11	798.63	798.66	798.58
19	798.89	798.67	798.00	798.95	798.90	798.77	798.31	799.21	798.77	798.97	798.80	798.70
20	799.05	798.78	798.35	799.23	798.73	798.66	798.40	799.15	798.64	799.19	798.69	798.84
21	798.52	798.95	797.65	798.76	798.54	798.41	798.41	799.13	798.98	799.51	798.77	798.91
22	799.13	799.17	797.70	799.02	798.98	798.70	798.62	799.02	798.94	799.31	798.43	798.75
23	799.06	799.17	798.10	798.86	798.98	798.97	798.77	799.00	798.98	798.78	798.48	798.56
24	799.04	799.03	797.20	799.13	798.53	799.20	798.63	799.23	798.90	798.67	798.35	798.27
25	799.30	799.05	796.51	799.15	798.52	799.03	798.91	799.29	798.90	798.62	798.52	798.32
26	799.10	799.16	796.95	799.19	798.18	798.81	798.97	799.41	798.72	798.76	798.35	798.45
27	798.83	798.42	796.90	798.92	798.36	798.98	799.18	799.08	798.93	798.45	798.54	798.10
28	798.74	798.86	796.97	798.87	798.33	798.85	798.98	798.87	799.13	798.50	798.14	797.99
29	798.14	798.89	797.18	798.82	---	798.84	799.05	799.04	799.13	798.37	797.61	797.99
30	798.49	798.38	797.58	798.84	---	798.64	799.16	799.21	799.13	798.02	797.56	797.83
31	798.50	---	798.04	798.94	---	798.91	---	799.11	---	798.12	797.47	---
MAX	799.39	799.33	798.77	799.23	799.12	799.29	799.18	799.61	799.45	799.51	798.80	798.99
MIN	798.14	798.38	796.51	797.95	798.18	798.41	798.29	798.87	798.64	798.02	797.47	795.48
[+]	15.90	15.80	15.54	16.24	15.76	16.21	16.41	16.37	16.38	15.60	15.10	15.38
[*]	254	-39	-97	261	-198	168	77	-15	4	-291	-187	108

CAL YR 1989 * 223 MAX 799.39 MIN 786.90
WTR YR 1990 * 5 MAX 799.61 MIN 795.48

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

SAVANNAH RIVER BASIN

301

02186000 TWELVE MILE CREEK NEAR LIBERTY, SC

LOCATION.--Lat 34°48'05'', long 82°44'55'', Pickens County, Hydrologic Unit 03060101, on left bank, 40 ft downstream from bridge on State Road 137, 0.8 mi downstream from Rices Creek, and 3.4 mi west of Liberty.

DRAINAGE AREA.--106 mi².

PERIOD OF RECORD.--May 1967 to July 1968 (discharge measurements only), July 1954 to September 1964, May 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 822.18 ft above National Geodetic Vertical datum of 1929 (levels by Soil Conservation Service).

REMARKS.--May 1989 to September 1989: Records good, except for estimated daily discharges: June 20 - 27, July 1, July 31, Aug. 1, which are poor.

WATER YEAR 1990: Records good, except for period of intake lag, July 25 to Aug. 29, which are fair, and estimated daily discharges: Oct. 1 - 3, Oct. 26 to Dec. 6, Mar. 17, 18, which are poor.

AVERAGE DISCHARGE.--11 years (1955 - 1964, 1990), 198 ft³/s, 25.37 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,360 ft³/s, Dec. 12, 1961, gage height, 12.23 ft; minimum, 30 ft³/s, Sept. 23, 1955, gage height, 1.79 ft.

EXTREMES FOR CURRENT YEAR.--May 1989 to September 1989: Maximum discharge, 4,110 ft³/s, July 3, gage height, 10.69 ft; minimum, 71 ft³/s, July 14, 15, gage height, 1.95 ft.

WATER YEAR 1990: Maximum discharge, 4,660 ft³/s, Mar. 17, gage height, 11.37 ft, from floodmarks; minimum, 65 ft³/s, Aug. 19, 21, gage height, 1.86.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	106	200	92
2	---	---	---	---	---	---	---	---	---	104	144	91
3	---	---	---	---	---	---	---	---	---	1760	133	86
4	---	---	---	---	---	---	---	---	---	1840	119	78
5	---	---	---	---	---	---	---	---	---	532	113	77
6	---	---	---	---	---	---	---	---	---	318	109	77
7	---	---	---	---	---	---	---	---	---	267	115	88
8	---	---	---	---	---	---	---	---	78	245	106	89
9	---	---	---	---	---	---	---	---	144	193	105	84
10	---	---	---	---	---	---	---	---	125	169	96	80
11	---	---	---	---	---	---	---	---	89	157	93	77
12	---	---	---	---	---	---	---	---	77	161	92	76
13	---	---	---	---	---	---	---	---	78	146	107	81
14	---	---	---	---	---	---	---	---	75	141	98	88
15	---	---	---	---	---	---	---	---	116	133	101	109
16	---	---	---	---	---	---	---	---	312	132	99	180
17	---	---	---	---	---	---	---	---	386	128	95	121
18	---	---	---	---	---	---	---	---	175	155	99	97
19	---	---	---	---	---	---	---	---	228	138	99	87
20	---	---	---	---	---	---	---	---	350	197	94	83
21	---	---	---	---	---	---	---	---	300	228	91	83
22	---	---	---	---	---	---	---	---	260	393	87	136
23	---	---	---	---	---	---	---	---	200	237	87	130
24	---	---	---	---	---	---	---	---	170	189	80	101
25	---	---	---	---	---	---	---	---	150	160	101	137
26	---	---	---	---	---	---	---	---	130	141	126	296
27	---	---	---	---	---	---	---	---	125	143	164	169
28	---	---	---	---	---	---	---	---	119	172	110	125
29	---	---	---	---	---	---	---	---	119	136	103	132
30	---	---	---	---	---	---	---	---	116	125	119	276
31	---	---	---	---	---	---	---	---	---	120	105	---
TOTAL	---	---	---	---	---	---	---	---	3922	9066	3390	3426
MEAN	---	---	---	---	---	---	---	---	171	292	109	114
MAX	---	---	---	---	---	---	---	---	386	1840	200	296
MIN	---	---	---	---	---	---	---	---	75	104	80	76

WTR YR 1989 TOTAL 19804 MEAN 172 MAX 1840 MIN 75

SAVANNAH RIVER BASIN

02186000 TWELVE MILE CREEK NEAR LIBERTY, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2800	115	119	386	241	233	268	192	142	84	96	139
2	1650	110	116	232	227	338	252	185	145	80	105	104
3	635	107	114	193	217	1140	243	183	153	76	100	92
4	291	108	112	195	515	506	236	186	146	73	93	85
5	210	109	111	220	443	351	231	202	139	73	90	81
6	183	110	111	240	297	304	230	183	135	71	91	79
7	168	140	110	232	261	278	238	180	135	78	98	77
8	155	150	245	368	233	265	225	175	131	75	91	73
9	146	123	290	318	227	312	219	191	125	75	93	102
10	137	115	266	241	659	285	223	368	126	71	229	92
11	134	107	213	211	456	265	290	229	122	71	120	96
12	129	103	429	194	320	251	232	196	116	69	93	244
13	127	103	534	179	271	243	220	184	115	76	83	190
14	125	101	301	172	248	237	217	179	114	177	76	154
15	121	108	229	167	235	231	239	173	113	212	73	145
16	122	269	199	164	648	527	220	171	113	131	72	118
17	161	227	180	161	682	3200	214	171	119	103	67	103
18	168	158	170	161	362	1700	207	172	115	96	67	94
19	188	138	167	161	409	778	201	163	118	133	68	89
20	149	128	165	161	342	668	201	168	108	117	67	89
21	132	123	156	443	291	509	205	173	103	147	66	87
22	125	120	149	280	352	338	206	163	101	196	78	119
23	122	258	143	218	373	297	201	158	101	152	97	110
24	119	209	140	204	303	284	198	155	96	122	97	91
25	117	163	138	920	266	273	193	153	92	451	97	87
26	115	149	139	560	249	271	189	153	91	296	95	85
27	112	140	137	324	241	285	187	149	91	169	89	82
28	119	134	135	261	237	259	204	152	87	137	82	79
29	115	129	133	289	---	272	252	183	87	120	76	79
30	110	122	141	394	---	276	206	156	89	113	75	79
31	112	---	255	281	---	294	---	147	---	104	195	---
TOTAL	9097	4176	5847	8530	9605	15470	6647	5593	3468	3948	2919	3144
MEAN	293	139	189	275	343	499	222	180	116	127	94.2	105
MAX	2800	269	534	920	682	3200	290	368	153	451	229	244
MIN	110	101	110	161	217	231	187	147	87	69	66	73

WTR YR 1990 TOTAL 78444 MEAN 215 MAX 3200 MIN 66

SAVANNAH RIVER BASIN

303

02186645 CONERROSS CREEK NEAR SENECA, SC

LOCATION.--Lat 34°38'57'', long 82°59'30'', Oconee County, Hydrologic Unit 03060101, on right bank 30 ft downstream of bridge on County Road 63, and 3.0 miles southwest of Seneca.

DRAINAGE AREA.--65.4 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 740 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except those greater than 700 ft³/s and estimated daily discharges: Oct. 1, 2, Nov. 16, Jan. 21, 25, Feb. 10, 16, Mar. 2, 3, 16 - 18, Sept. 13, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Mar. 17, 1990, gage height, 14.31 ft; minimum daily, 34 ft³/s, June 3, 1989, July 6, 8, 9, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Mar. 17, gage height, 14.31 ft; minimum daily, 34 ft³/s, July 6, 8, 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2300	60	68	218	123	126	150	99	72	39	41	42
2	1000	59	65	124	119	235	143	97	75	38	41	41
3	415	60	65	104	113	650	138	93	79	37	41	40
4	330	58	64	112	220	311	132	95	76	36	40	42
5	248	57	63	118	188	216	128	95	70	35	60	39
6	207	70	63	151	141	166	130	88	68	34	89	38
7	188	71	65	127	128	151	135	88	66	35	100	36
8	173	71	226	219	118	166	122	86	65	34	64	39
9	148	69	179	155	125	216	120	119	61	34	54	69
10	97	63	132	122	486	187	128	205	80	37	57	54
11	85	60	106	108	235	180	153	121	67	36	53	49
12	81	59	291	99	160	155	124	102	60	35	47	92
13	77	59	297	91	138	147	117	97	58	46	44	500
14	75	58	155	87	128	141	116	93	57	98	43	264
15	71	82	121	86	122	138	125	88	56	81	42	195
16	70	360	103	83	450	380	117	86	59	55	41	118
17	76	115	95	83	368	2800	112	89	63	48	39	86
18	78	85	89	84	234	600	108	84	59	46	44	76
19	77	76	90	81	304	459	105	80	54	48	49	70
20	68	72	87	90	194	391	106	87	51	56	42	66
21	66	69	81	430	162	327	109	101	51	95	58	62
22	64	104	77	172	189	267	109	85	49	117	159	97
23	63	331	74	127	177	247	105	80	47	87	77	69
24	62	122	71	122	151	221	103	79	46	65	62	59
25	62	96	73	900	138	170	99	77	44	57	54	56
26	59	85	72	373	132	166	97	76	44	55	50	52
27	60	80	71	225	130	168	96	73	43	50	48	49
28	58	78	71	154	129	153	119	80	43	47	45	48
29	58	72	69	158	---	163	129	101	43	45	43	47
30	58	69	79	165	---	161	107	80	42	45	43	46
31	61	---	227	136	---	166	---	74	---	43	46	---
TOTAL	6535	2770	3389	5304	5302	10024	3582	2898	1748	1614	1716	2541
MEAN	211	92.3	109	171	189	323	119	93.5	58.3	52.1	55.4	84.7
MAX	2300	360	297	900	486	2800	153	205	80	117	159	500
MIN	58	57	63	81	113	126	96	73	42	34	39	36

CAL YR 1989 TOTAL 32827 MEAN 122 MAX 2300 MIN 34
WTR YR 1990 TOTAL 47423 MEAN 130 MAX 2800 MIN 34

SAVANNAH RIVER BASIN

02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25'', long 82°49'20'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi².

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to October 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft³ between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft, Apr. 8, 1964; minimum, 626.70 ft, Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 664.17 ft, Mar. 5; minimum, 654.93 ft, Sept. 28.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

645.0 ft	29.82 ft ³
650.0 ft	39.42 ft ³
655.0 ft	50.02 ft ³
660.0 ft	61.66 ft ³
665.0 ft	74.43 ft ³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	660.26	660.64	659.28	657.59	659.74	662.85	662.24	662.15	659.73	658.09	658.07	656.01
2	660.96	660.57	659.46	657.55	659.67	663.11	662.32	662.13	659.92	658.06	658.00	656.04
3	661.26	660.47	659.52	657.50	659.84	663.76	662.43	662.07	659.99	657.98	657.87	655.79
4	661.39	660.53	659.40	657.49	660.16	664.14	662.44	662.00	659.90	657.93	657.73	655.96
5	661.42	660.59	659.29	657.50	660.10	663.93	662.48	662.11	659.82	657.82	657.80	656.12
6	661.38	660.55	659.16	657.74	660.01	663.52	662.54	662.20	659.72	657.72	657.75	656.38
7	661.49	660.53	659.19	657.94	659.80	663.17	662.70	662.10	659.74	657.75	657.59	656.33
8	661.55	660.48	659.31	658.06	659.70	662.80	662.84	662.01	659.70	657.77	657.40	656.37
9	661.55	660.37	659.56	658.11	659.70	662.47	662.73	662.06	659.80	657.65	657.25	656.44
10	661.64	660.30	659.72	658.12	660.46	662.18	662.65	662.49	659.86	657.43	657.33	656.38
11	661.64	660.36	659.50	658.13	660.97	661.96	662.49	662.44	659.74	657.36	657.36	656.57
12	661.65	660.41	659.48	658.13	660.74	661.63	662.41	662.62	659.63	657.26	657.39	656.39
13	661.70	660.27	659.43	658.30	660.39	661.21	662.25	662.70	659.51	657.30	657.17	656.36
14	661.80	660.12	659.31	658.43	660.01	660.70	662.43	662.53	659.46	657.58	656.95	656.40
15	661.86	660.14	659.19	658.39	659.72	660.24	662.56	662.40	659.36	657.76	656.72	656.49
16	661.68	660.30	659.33	658.23	660.22	660.24	662.38	662.20	659.43	657.84	656.42	656.54
17	661.56	660.18	659.48	658.08	660.64	662.48	662.06	661.89	659.47	657.88	656.19	656.38
18	661.47	660.18	659.33	657.94	661.14	662.45	661.98	661.49	659.55	657.92	656.23	656.08
19	661.36	660.25	659.15	657.89	661.53	662.09	661.95	661.57	659.35	658.00	656.27	655.81
20	661.22	660.05	658.91	658.20	661.66	662.12	661.94	661.70	659.17	658.10	656.04	655.70
21	661.27	659.91	658.67	658.55	661.67	662.02	662.06	661.37	658.92	658.22	656.01	655.57
22	661.33	660.00	658.55	658.64	661.84	661.86	662.17	661.10	658.84	658.39	656.10	655.70
23	661.19	659.92	658.52	658.59	661.94	661.70	662.11	660.77	658.87	658.45	655.97	655.73
24	661.14	659.85	658.50	658.82	662.29	661.91	662.03	660.40	658.90	658.40	655.81	655.51
25	661.15	659.94	658.28	659.37	662.49	662.08	661.94	660.03	658.79	658.25	655.92	655.30
26	661.04	660.07	657.98	659.46	662.72	661.95	661.91	660.28	658.66	658.18	656.01	655.19
27	660.89	659.98	657.69	659.73	662.79	661.78	661.79	660.36	658.58	658.00	655.95	655.12
28	660.97	659.76	657.40	659.89	662.86	661.75	662.02	660.29	658.50	658.06	656.00	654.97
29	661.04	659.57	657.11	659.91	---	661.84	662.16	660.16	658.29	658.07	656.18	655.00
30	660.87	659.44	657.24	659.89	---	661.84	662.22	660.00	658.16	658.13	656.12	655.03
31	660.76	---	657.58	659.82	---	662.04	---	659.86	---	658.05	655.97	---
MAX	661.86	660.64	659.72	659.91	662.86	664.14	662.84	662.70	659.99	658.45	658.07	656.57
MIN	660.26	659.44	657.11	657.49	659.67	660.24	661.79	659.86	658.16	657.26	655.81	654.97
[+]	63.5	60.3	55.9	61.2	68.8	66.7	67.2	61.3	57.2	57.0	52.2	50.1
[*]	2315	-1235	-1643	1979	3142	-784	193	-2203	-1582	-75	-1792	-810

CAL YR 1989 * 796 MAX 661.86 MIN 645.73
WTR YR 1990 * -228 MAX 664.14 MIN 654.97

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

SAVANNAH RIVER BASIN

305

02187251 HARTWELL LAKE TAILRACE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'26'', long 82°49'21'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi², approximately.

PERIOD OF RECORD.--October 1987 to current year. Data prior to October 1987 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 483.81 ft, Jan. 22, 1988; minimum, 475.01 ft, Apr. 1, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 483.61 ft, Oct. 16; minimum, 475.09 ft, Sept. 26.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	476.69	475.31	475.76	483.58	475.20	476.77	481.33	475.87	478.52	---	---	---
2	482.40	476.25	478.17	481.62	475.20	476.98	476.38	476.08	476.21	---	---	---
3	482.39	476.49	477.92	481.63	475.20	477.01	476.28	476.05	476.14	---	---	---
4	482.36	476.39	477.55	475.22	475.20	475.20	482.13	475.52	477.77	---	---	---
5	480.77	476.33	477.51	475.20	475.20	475.20	482.14	475.57	477.54	---	---	---
6	480.71	476.14	477.92	481.48	475.20	476.60	482.14	475.60	477.60	---	---	---
7	476.79	476.63	476.72	483.11	475.20	476.63	482.14	475.93	478.93	---	---	---
8	476.86	476.72	476.78	483.45	475.20	476.45	482.37	475.24	478.00	---	---	---
9	479.13	476.32	477.53	483.47	475.20	477.01	---	---	---	---	---	---
10	479.21	476.27	477.50	481.60	475.20	476.65	---	---	---	---	---	---
11	479.16	476.22	477.45	475.22	475.20	475.20	---	---	---	---	---	---
12	479.05	476.15	477.38	475.21	475.20	475.20	---	---	---	---	---	---
13	479.03	476.04	477.31	483.36	475.21	477.25	---	---	---	---	---	---
14	476.65	476.32	476.45	483.35	475.22	477.23	---	---	---	---	---	---
15	476.56	476.18	476.40	483.38	475.26	477.30	---	---	---	---	---	---
16	483.61	475.57	477.98	483.37	475.38	477.39	---	---	---	---	---	---
17	483.54	475.55	477.95	483.50	475.50	477.86	---	---	---	---	---	---
18	481.59	475.43	477.53	481.48	475.52	476.51	---	---	---	---	---	---
19	481.72	475.31	477.47	476.11	475.86	476.01	---	---	---	---	---	---
20	481.72	475.25	477.89	483.56	475.52	477.90	---	---	---	---	---	---
21	475.27	475.23	475.24	482.02	475.64	477.96	---	---	---	---	---	---
22	475.24	475.23	475.23	482.06	475.58	478.05	---	---	---	---	---	---
23	481.44	475.23	477.29	482.07	475.65	477.66	---	---	---	---	---	---
24	481.63	475.22	477.37	480.80	475.56	477.32	---	---	---	483.40	476.44	478.02
25	481.68	475.22	477.37	475.93	475.67	475.82	---	---	---	483.43	476.59	478.02
26	481.66	475.21	477.33	475.92	475.82	475.86	---	---	---	483.44	476.59	479.20
27	481.68	475.21	477.33	480.82	475.59	478.16	---	---	---	478.22	477.06	477.50
28	475.22	475.20	475.20	480.82	475.62	478.18	---	---	---	477.54	477.40	477.48
29	475.21	475.20	475.20	481.33	475.62	478.31	---	---	---	483.54	476.62	478.82
30	483.51	475.20	477.16	481.35	475.84	478.91	---	---	---	483.52	476.44	478.73
31	483.57	475.20	476.75	---	---	---	---	---	---	483.50	476.24	478.55
MONTH	483.61	475.20	477.05	483.58	475.20	476.95	482.37	475.24	477.59	483.54	476.24	478.29

SAVANNAH RIVER BASIN

307

02187252 SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'15'', long 82°48'55'', Anderson County (SC), Hydrologic Unit 03060103, on left bank at Highway 29, 6.8 mi east of Hartwell, and at mile 304.6.

DRAINAGE AREA.--2,090 mi², approximately.

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 480 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Dec. 18 to Jan. 23, Feb. 13 - 16, Mar. 7 - 10, 19, 22 - 31, Apr. 1 - 12, 17, 18, 20, 25, 26, May 27 - 31, June 1 - 12, 21 - 27, July 15 - 19, 21 - 31, Aug. 1 - 9, 23, 24, and Sept. 3, and those below 1,000 ft³/s, which are poor. Flow completely regulated by Hartwell Lake (see sta. 02187250) on the Savannah River.

AVERAGE DISCHARGE--6 years, 3616 ft³/s, 23.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 38,300 ft³/s, Jan. 21, 1985, gage height, 12.63 ft; minimum daily, 63 ft³/s, Nov. 18, 1984, Mar. 16, 23, Dec. 14, 1986, Jan. 4, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 38,200 ft³/s, Jan. 28, gage height, 12.62 ft; minimum daily, 91 ft³/s, Oct. 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	981	5510	9540	4810	11500	9010	5410	8650	7640	3470	1380	112
2	8600	5170	1820	4860	3340	9050	8600	8580	740	3960	2440	112
3	7690	5140	1660	4840	3650	6540	8240	8320	953	3520	3820	7250
4	6170	101	7800	4770	12900	7280	8100	8470	5450	3500	3820	3460
5	6080	102	7220	4820	12500	15900	7820	4110	5340	5100	111	744
6	7260	4190	7150	1200	11800	19600	7780	4260	5130	4930	4170	1060
7	3280	4210	7370	900	11200	19200	4240	8770	4880	1120	4990	7250
8	3470	4020	9690	3900	11000	18700	4440	9080	4560	1160	4990	120
9	6250	5390	1780	4910	10800	18700	11700	9180	293	5940	4920	114
10	6030	4200	626	3900	1930	18500	11800	6920	324	8470	534	6950
11	5890	105	10300	3910	1500	17700	11900	10700	5590	4370	128	1080
12	5650	107	10400	3900	15100	19400	11900	5290	4950	4520	127	12200
13	5480	6190	10800	1300	17600	19400	11500	3770	4750	2610	6780	6940
14	2480	6310	11300	800	17300	19300	4000	12300	4640	376	6820	4410
15	2340	6440	11300	6630	17700	19500	4290	9150	4590	182	7810	117
16	8530	6500	2220	6700	17700	19200	12000	12200	254	2090	8620	117
17	7890	7870	2200	6650	7230	14500	17700	15100	293	1910	6940	8130
18	6510	3210	10200	6680	11300	26800	8860	15200	3680	1870	120	8080
19	6090	1380	10200	6720	14700	26500	7900	2670	7060	192	120	8060
20	7930	8850	11200	1200	15700	16600	6740	2760	6850	2490	6380	7020
21	109	8940	10300	850	13500	12000	2600	14600	7680	131	6320	6440
22	110	9180	11000	6090	10900	12700	2750	14500	4170	131	6510	128
23	6020	7520	6180	7070	10300	13200	7760	14500	351	5550	6440	127
24	6030	6020	2310	9920	5100	5100	8000	14400	316	5020	4810	6330
25	5970	978	7920	15100	5390	5450	8380	14200	4600	5020	114	6320
26	5990	1050	10200	7420	9010	14200	8390	1780	4740	4990	112	4600
27	5650	8990	10200	7210	9080	14900	8600	1500	4350	4950	6400	4620
28	98	9050	10200	13600	9110	14700	4150	8100	4690	121	3040	4810
29	91	9640	10300	12700	---	14400	4350	8140	8220	121	113	124
30	6290	10200	1100	12100	---	12100	8640	8100	5670	3850	4370	124
31	5480	---	800	13000	---	5310	---	8030	---	3890	4410	---
TOTAL	156439	156563	225286	188460	298840	465440	238540	273330	122754	95554	117659	116949
MEAN	5046	5219	7267	6079	10670	15010	7951	8817	4092	3082	3795	3898
MAX	8600	10200	11300	15100	17700	26800	17700	15200	8220	8470	8620	12200
MIN	91	101	626	800	1500	5100	2600	1500	254	121	111	112

CAL YR 1989 TOTAL 1236965 MEAN 3389 MAX 11300 MIN 91
WTR YR 1990 TOTAL 2455814 MEAN 6728 MAX 26800 MIN 91

SAVANNAH RIVER BASIN

02187910 ROCKY RIVER NEAR STARR, SC

LOCATION.--Lat 34°22'59'', long 82°34'39'', Anderson County, Hydrologic Unit 03060103, on downstream side of bridge on State Road 244, 0.5 mi upstream of Beaver Creek, 2.5 mi upstream of Secession Lake, and 6.7 mi east of Starr.

DRAINAGE AREA.--111 mi².

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

GAGE.--Data collection platform. Elevation of gage is 570 ft above National Geodetic Vertical datum of 1929 (from topographic map).

REMARKS.--May 1989 to September 1989: Records good, except for estimated daily discharges: July 20 - 24, Sept. 8 - 14, 25 - 30, which are poor.

WATER YEAR 1990: Records good, except for estimated daily discharges: Oct. 1 - 11, Jan. 21, 22 Feb. 10 - 12, 16 - 21, Mar. 17 - 19, Aug. 3 - 9, 19 - 24, Sept. 4 - 30, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Mar. 18, 1990, gage height, 15.55 ft; minimum daily, 26 ft³/s, Aug. 18, 19, 1990.

EXTREMES FOR CURRENT YEAR.--May 1989 to September 1989: Maximum discharge, 537 ft³/s, June 21, gage height, 7.03 ft; minimum daily, 30 ft³/s, Sept. 25.

WATER YEAR 1990: Maximum discharge, unknown, Mar. 18, gage height, 15.55 ft; minimum daily, 26 ft³/s, Aug. 18, 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	52	79	65	46
2	---	---	---	---	---	---	---	---	51	66	79	44
3	---	---	---	---	---	---	---	---	49	98	72	42
4	---	---	---	---	---	---	---	---	50	272	64	40
5	---	---	---	---	---	---	---	---	48	140	58	39
6	---	---	---	---	---	---	---	---	67	95	56	40
7	---	---	---	---	---	---	---	---	55	81	58	41
8	---	---	---	---	---	---	---	---	54	73	56	42
9	---	---	---	---	---	---	---	---	59	67	48	44
10	---	---	---	---	---	---	---	---	58	61	46	43
11	---	---	---	---	---	---	---	---	54	58	44	43
12	---	---	---	---	---	---	---	---	50	54	43	42
13	---	---	---	---	---	---	---	---	48	52	43	41
14	---	---	---	---	---	---	---	---	47	48	43	44
15	---	---	---	---	---	---	---	---	52	48	45	69
16	---	---	---	---	---	---	---	---	97	95	50	84
17	---	---	---	---	---	---	---	---	124	127	57	85
18	---	---	---	---	---	---	---	---	90	89	53	76
19	---	---	---	---	---	---	---	---	73	71	50	70
20	---	---	---	---	---	---	---	---	103	78	47	67
21	---	---	---	---	---	---	---	---	433	85	46	67
22	---	---	---	---	---	---	---	---	341	90	45	86
23	---	---	---	---	---	---	---	---	235	78	44	46
24	---	---	---	---	---	---	---	---	136	66	43	32
25	---	---	---	---	---	---	---	69	80	57	42	30
26	---	---	---	---	---	---	---	66	72	73	46	80
27	---	---	---	---	---	---	---	63	63	65	59	60
28	---	---	---	---	---	---	---	60	58	146	67	50
29	---	---	---	---	---	---	---	58	78	138	55	52
30	---	---	---	---	---	---	---	54	79	88	52	65
31	---	---	---	---	---	---	---	53	---	64	49	---
TOTAL	---	---	---	---	---	---	---	---	2856	2702	1625	1610
MEAN	---	---	---	---	---	---	---	---	95.2	87.2	52.4	53.7
MAX	---	---	---	---	---	---	---	---	433	272	79	86
MIN	---	---	---	---	---	---	---	---	47	48	42	30

SAVANNAH RIVER BASIN

309

02187910 ROCKY RIVER NEAR STARR, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	850	73	87	306	153	104	230	91	67	37	34	52
2	1200	74	83	266	142	90	154	85	66	36	34	51
3	650	74	79	166	136	360	143	84	68	34	33	51
4	340	76	76	145	159	261	134	162	69	33	35	37
5	140	75	75	164	205	117	128	125	65	32	52	35
6	130	90	74	211	155	99	126	83	62	31	80	34
7	120	201	74	237	138	93	130	80	60	30	60	35
8	105	83	218	258	131	128	125	78	57	29	36	37
9	95	75	436	253	131	186	120	79	53	30	35	40
10	90	71	335	189	520	134	129	134	58	31	34	38
11	80	69	222	154	820	136	155	176	70	30	33	36
12	74	68	207	137	520	127	140	90	57	28	31	62
13	73	131	493	123	230	121	137	82	52	30	29	80
14	73	254	398	111	181	116	128	81	50	43	29	100
15	72	243	216	109	158	113	120	81	49	62	28	83
16	72	325	165	107	370	122	121	79	51	56	28	75
17	72	294	141	106	990	1150	113	78	56	50	27	70
18	81	198	128	105	900	1350	106	82	53	48	26	65
19	208	144	125	106	950	880	102	77	51	49	26	62
20	111	117	125	105	970	401	100	75	49	68	35	60
21	86	103	116	500	480	164	100	90	46	70	50	85
22	84	95	108	700	286	181	96	87	45	105	80	125
23	83	168	101	273	389	173	95	80	44	124	100	82
24	82	163	94	186	257	167	93	76	42	53	60	58
25	80	123	94	397	177	159	91	74	40	47	54	51
26	77	109	95	689	147	156	90	73	40	44	55	46
27	75	102	95	368	132	189	88	71	40	41	55	44
28	72	99	94	218	126	170	92	74	40	39	54	43
29	70	96	93	185	---	171	174	81	40	38	54	42
30	70	96	97	220	---	188	163	75	39	38	54	40
31	72	---	117	181	---	222	---	69	---	36	52	---
TOTAL	5487	3889	4861	7275	9953	8028	3723	2752	1579	1422	1393	1719
MEAN	177	130	157	235	355	259	124	88.8	52.6	45.9	44.9	57.3
MAX	1200	325	493	700	990	1350	230	176	70	124	100	125
MIN	70	68	74	105	126	90	88	69	39	28	26	34

WTR YR 1990 TOTAL 52081 MEAN 143 MAX 1350 MIN 26

02189004 RICHARD B. RUSSELL LAKE NEAR CALHOUN FALLS, SC

LOCATION.--Lat 34°01'30'', long 82°35'42'', Elbert County (GA)-Abbeville County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in left spillway elevator tower of dam on Savannah River, 1.2 mi downstream from Beer Manor Creek, 4.6 mi south of Calhoun Falls, and at River mile 275.1.

DRAINAGE AREA.--2,900 mi² (Corps of Engineers).

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Lake formed by concrete dam completed Dec. 1983. Usable capacity 5,523,408,000 ft³ between elevations 470.0 ft (normal limit of drawdown) and 475.0 ft (maximum power pool). Dead storage below 470.0 ft, 39,158,992,800 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 436.0 ft. Lake is used for flood control, generation of power and recreation.

COOPERATION.--Capacity table furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 478.37 ft, Feb. 20, 1990; minimum 465.65 ft, May 7, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 478.37 ft, Feb. 20; minimum, 470.06 ft, Sept. 11.

Capacity table (elevation in feet) and usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

469.0 ft	38.1 ft ³	475.0 ft	44.7 ft ³
470.0 ft	39.2 ft ³	476.0 ft	45.9 ft ³
471.0 ft	40.2 ft ³	477.0 ft	47.1 ft ³
472.0 ft	41.3 ft ³	478.0 ft	48.3 ft ³
473.0 ft	42.4 ft ³	479.0 ft	49.5 ft ³
474.0 ft	43.5 ft ³	480.0 ft	50.8 ft ³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	476.72	474.26	475.92	475.53	476.43	477.36	477.10	477.00	475.67	475.94	473.20	470.62
2	477.09	474.29	475.95	475.62	476.15	477.45	477.09	476.88	475.71	475.89	473.09	470.63
3	476.86	474.29	475.79	475.76	476.21	477.71	476.93	476.89	475.77	475.89	473.02	470.94
4	476.96	474.32	475.72	475.86	476.34	477.83	476.84	476.96	475.75	475.85	473.37	470.87
5	476.91	474.31	475.86	476.03	476.11	477.14	476.76	477.07	475.67	475.74	473.36	470.59
6	476.82	474.33	475.87	476.17	475.98	476.79	476.72	477.09	475.59	475.73	473.38	470.18
7	476.91	474.41	476.09	476.29	475.81	476.45	476.76	477.18	475.43	475.72	473.22	470.46
8	476.99	474.37	476.15	476.31	475.64	476.11	476.81	477.18	475.33	475.73	473.14	470.47
9	476.92	474.48	475.55	476.43	475.71	475.81	476.83	477.32	475.38	475.52	473.28	470.48
10	476.85	474.49	474.83	476.47	475.73	475.83	476.90	477.18	475.44	475.51	473.32	470.48
11	476.76	474.49	475.02	476.48	475.51	475.72	476.97	477.02	475.53	475.37	473.32	470.06
12	476.68	474.52	475.45	476.45	475.78	475.68	476.99	476.90	475.55	475.23	473.31	470.73
13	476.59	474.72	475.62	476.42	475.85	475.58	476.97	476.82	475.58	474.97	473.16	470.96
14	476.60	474.91	475.85	476.47	475.87	475.48	477.06	476.84	475.37	475.09	472.98	471.20
15	476.36	475.24	476.07	476.58	475.91	475.37	477.12	476.56	475.30	475.13	472.89	471.23
16	476.18	475.44	476.14	476.49	476.39	475.42	477.11	476.36	475.33	474.88	472.80	471.24
17	475.96	475.64	476.07	476.40	476.59	476.83	477.18	476.43	475.34	474.79	472.62	471.51
18	475.68	475.72	476.03	476.32	477.17	476.19	477.12	476.58	475.26	474.77	472.62	471.81
19	475.33	475.74	475.66	476.41	478.15	476.54	476.84	476.58	475.29	474.61	472.62	472.01
20	475.09	475.72	475.53	476.53	478.19	476.37	476.51	476.62	475.39	474.69	472.39	471.96
21	475.12	475.76	475.31	476.72	476.99	476.66	476.59	476.59	475.58	474.74	472.17	471.82
22	475.13	475.78	474.90	476.87	477.49	476.90	476.63	476.53	475.60	474.77	471.96	471.97
23	475.03	475.73	474.46	476.79	477.22	477.17	476.69	476.43	475.59	474.48	471.83	471.96
24	474.91	475.55	474.32	476.72	477.35	477.27	476.80	476.36	475.59	474.40	471.70	472.01
25	474.78	475.59	474.44	476.90	477.42	477.38	476.78	476.27	475.61	474.30	471.71	472.07
26	474.25	475.60	474.51	477.16	477.37	477.69	476.88	476.09	475.71	474.20	471.73	471.82
27	474.12	475.64	474.61	477.16	477.38	477.93	476.96	476.11	475.68	474.09	471.26	471.57
28	474.13	475.70	474.81	477.26	477.37	478.01	477.05	476.12	475.67	474.08	470.93	471.22
29	474.15	475.74	474.99	477.16	---	477.84	477.07	476.11	475.76	474.08	470.36	471.23
30	474.22	475.87	475.02	476.93	---	477.09	477.07	476.08	475.86	473.81	470.32	471.24
31	474.24	---	475.16	476.64	---	476.99	---	475.87	---	473.53	470.62	---
MAX	477.09	475.87	476.15	477.26	478.19	478.01	477.18	477.32	475.86	475.94	473.38	472.07
MIN	474.12	474.26	474.32	475.53	475.51	475.37	476.51	475.87	475.26	473.53	470.32	470.06
[+]	43.79	45.73	44.89	46.64	47.52	47.10	47.16	45.73	45.72	42.98	39.82	40.46
[*]	-8	748	-314	653	364	-172	39	-534	-4	-1023	-1180	247
CAL YR 1989	*	142		MAX 477.09	MIN 470.02							
WTR YR 1990	*	-106		MAX 478.19	MIN 470.06							

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT THE END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

SAVANNAH RIVER BASIN

311

02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC

LOCATION.--Lat 34°04'17'', long 82°30'03'', Abbeville County, Hydrologic Unit 03060103, on downstream side of bridge, on State Road 40 (Island Ford Road), 2.9 mi upstream from Calhoun Creek, and 4.6 mi north of Mount Carmel.

DRAINAGE AREA.--217 mi².

PERIOD OF DAILY RECORD.--December 1939 to September 1970, October 1986 to current year.

REVISED RECORD.--WSP 1433:1948.

GAGE.--Data collection platform. Datum of gage is 353.97 ft above National Geodetic Vertical Datum of 1929. December 1939 to October 16, 1987 at site 850 ft downstream at same datum.

REMARKS.--Records good, except for estimated daily discharges: Oct. 26 to Nov. 13, which are poor.

AVERAGE DISCHARGE.--34 years (water years 1940-70, 1987-current year), 206 ft³/s, 12.89 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,800 ft³/s, Aug. 14, 1940, gage height, 29.60 ft, (from high-water mark), from rating curve extended above 13,000 ft³/s; minimum, 0.7 ft³/s, Oct. 9, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 2	1530	*7810	*20.97	Feb. 19	1445	5910	18.44
Feb. 10	0445	3040	12.72	Mar. 18	0015	3530	13.94
Feb. 16	2045	3290	13.36				

Minimum discharge, 13.0 ft³/s, Aug. 20, 21, gage height, 2.64 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2950	86	75	325	152	170	350	184	85	40	24	46
2	6890	92	74	227	132	165	314	168	85	37	22	39
3	3170	98	75	151	118	589	287	157	92	35	22	30
4	593	92	73	126	121	873	265	153	106	34	22	25
5	463	90	72	123	180	367	253	369	93	33	22	22
6	382	92	72	197	129	267	245	242	81	32	23	20
7	323	110	73	233	110	218	249	185	77	30	26	19
8	272	180	310	596	100	192	241	169	75	28	30	18
9	228	130	793	415	360	227	228	157	78	27	24	16
10	193	100	555	249	2450	270	227	214	87	28	27	21
11	163	94	316	190	1170	246	269	213	77	33	30	21
12	134	86	488	160	432	204	262	164	69	28	27	27
13	114	82	1250	134	262	187	228	147	62	26	23	27
14	101	65	630	120	176	178	219	137	59	29	19	30
15	97	66	298	114	131	172	234	131	59	50	19	44
16	85	157	210	108	1410	185	235	121	59	52	18	41
17	78	184	159	108	1840	2440	214	109	67	40	17	30
18	76	106	131	104	944	2990	202	103	68	83	15	24
19	77	86	133	104	4750	1170	192	98	62	73	14	22
20	73	78	146	102	4330	500	191	95	58	64	13	21
21	67	75	124	240	860	383	195	110	53	67	14	21
22	63	74	108	319	518	322	194	132	57	57	17	38
23	64	115	94	196	683	287	194	106	63	51	52	50
24	60	158	83	155	475	268	188	96	64	54	67	42
25	57	105	95	979	336	254	181	94	53	46	50	30
26	67	92	90	1520	259	244	178	92	48	40	37	26
27	72	87	87	712	211	274	168	89	46	36	33	24
28	74	85	84	320	188	256	170	86	45	33	30	23
29	76	82	81	238	---	252	232	100	43	30	26	22
30	80	79	81	259	---	275	220	111	41	28	24	22
31	84	---	96	197	---	332	---	89	---	26	32	---
TOTAL	17226	3026	6956	9021	22827	14757	6825	4421	2012	1270	819	841
MEAN	556	101	224	291	815	476	227	143	67.1	41.0	26.4	28.0
MAX	6890	184	1250	1520	4750	2990	350	369	106	83	67	50
MIN	57	65	72	102	100	165	168	86	41	26	13	16

CAL YR 1989 TOTAL 72715 MEAN 199 MAX 6890 MIN 34
WTR YR 1990 TOTAL 90001 MEAN 247 MAX 6890 MIN 13

SAVANNAH RIVER BASIN

02194500 THURMOND LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°12'00'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi², approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

REVISED RECORDS.--WSP 1703: 1953.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1952, nonrecording gage at same site and datum. Prior to Dec. 1987, published as Clark Hill Lake near Clarks Hill, SC.

REMARKS.--Lake is formed by concrete dam with earth dam at each end; dam completed in 1952. Storage began in December 1951. Usable capacity, 75,360,000,000 ft³ between elevations 305.0 ft (normal limit of drawdown) and 335.0 ft (top of spillway gates). Dead storage below 305.0 ft, 50,960,000,000 ft³. Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 336.72 ft, Apr. 9, 1964; minimum, 296.48 ft, Feb. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 333.58 ft, Mar. 20; minimum, 323.91 ft, Sept. 10.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

315.0 ft	18.73 ft ³
320.0 ft	30.06 ft ³
325.0 ft	43.12 ft ³
330.0 ft	58.37 ft ³
336.0 ft	78.84 ft ³

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	329.28	329.02	329.67	327.82	329.79	329.57	330.55	331.72	329.91	328.92	327.04	325.34
2	331.32	328.97	329.66	327.81	329.82	329.31	330.72	331.77	329.82	328.78	326.93	325.19
3	332.87	328.89	329.60	327.74	329.82	328.99	330.83	331.76	329.74	328.63	326.84	325.09
4	333.22	328.88	329.53	327.66	329.88	328.63	330.91	331.85	329.79	328.55	326.75	324.96
5	332.81	328.85	329.37	327.62	329.89	328.82	330.98	331.98	329.80	328.47	326.72	324.84
6	332.45	328.79	329.29	327.75	329.86	328.94	331.12	331.96	329.86	328.33	326.73	324.59
7	331.86	328.77	329.28	327.96	329.89	329.02	331.12	331.91	329.91	328.22	326.62	324.29
8	331.54	328.78	329.44	328.31	329.87	329.16	331.12	331.91	329.93	328.12	326.61	324.09
9	331.35	328.76	329.67	328.57	329.98	329.38	331.16	331.91	329.84	328.07	326.47	323.92
10	331.16	328.71	329.80	328.72	330.49	329.52	331.29	331.99	329.82	328.01	326.44	324.01
11	330.99	328.68	329.75	328.80	330.89	329.61	331.33	332.01	329.83	327.94	326.34	324.06
12	330.78	328.67	329.85	328.86	331.08	329.64	331.40	331.97	329.85	327.90	326.26	324.04
13	330.56	328.68	330.03	328.90	331.04	329.66	331.47	331.92	329.81	327.84	326.27	324.07
14	330.52	328.65	330.04	328.90	330.96	329.68	331.47	331.93	329.80	327.77	326.30	324.11
15	330.56	328.63	330.02	328.84	330.83	329.73	331.53	331.87	329.83	327.72	326.33	324.04
16	330.41	328.72	329.57	328.78	331.05	329.85	331.57	331.77	329.74	327.74	326.40	324.00
17	330.30	328.78	329.19	328.73	331.53	330.68	331.64	331.74	329.69	327.67	326.44	324.00
18	330.17	328.80	329.18	328.71	331.45	332.07	331.59	331.62	329.65	327.52	326.26	324.01
19	330.01	328.77	329.19	328.60	332.38	333.24	331.63	331.15	329.62	327.46	326.14	324.08
20	329.84	328.93	329.17	328.57	333.25	333.34	331.65	330.70	329.55	327.32	326.14	324.14
21	329.78	329.03	329.21	328.75	333.49	332.88	331.65	330.65	329.48	327.28	326.26	324.13
22	329.73	329.30	329.15	328.80	333.43	332.42	331.65	330.56	329.45	327.26	326.34	324.10
23	329.65	329.42	329.04	328.85	333.40	331.94	331.59	330.48	329.38	327.32	326.45	324.01
24	329.55	329.58	328.64	328.87	332.69	331.18	331.57	330.40	329.29	327.32	326.49	323.98
25	329.44	329.61	328.41	329.15	331.84	330.40	331.59	330.32	329.18	327.34	326.43	323.96
26	329.35	329.60	328.30	329.45	331.18	330.16	331.57	330.37	329.04	327.34	326.37	324.00
27	329.23	329.62	328.14	329.72	330.51	330.10	331.52	330.33	329.01	327.34	326.35	324.06
28	329.23	329.68	327.95	329.67	329.91	330.05	331.64	330.30	328.97	327.23	326.13	324.15
29	329.21	329.66	327.76	329.75	---	330.12	331.67	330.12	329.03	327.15	325.93	324.05
30	329.14	329.66	327.71	329.79	---	330.39	331.71	329.99	329.00	327.13	325.89	323.96
31	329.09	---	327.88	329.79	---	330.50	---	329.98	---	327.13	325.47	---
MAX	333.22	329.68	330.04	329.79	333.49	333.34	331.71	332.01	329.93	328.92	327.04	325.34
MIN	329.09	328.63	327.71	327.62	329.79	328.63	330.55	329.98	328.97	327.13	325.47	323.92
[+]	55.60	57.33	51.91	57.73	58.10	60.07	64.18	58.31	55.32	49.62	44.56	40.41
[*]	1393	667	-2024	2173	153	735	1586	-2192	-1153	-2128	-1889	-1601

CAL YR 1989 * 1163 MAX 333.22 MIN 312.74

WTR YR 1990 * - 363 MAX 333.49 MIN 323.92

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.

[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°11'48'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in powerhouse visitors lobby in the observers room at the J. Strom Thurmond Dam on the Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi², approximately.

PERIOD OF RECORD.--October 1987 to current year. Data prior to October 1987 is available in the office of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 186.17 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 15.45 ft, Feb. 27, 1990; minimum, 2.10 ft, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 15.45 ft, Feb. 27; minimum, 2.10 ft, June 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.18	4.29	5.03	12.75	4.98	7.87	12.51	5.68	8.08	10.73	3.21	5.91
2	13.93	4.88	8.56	12.44	6.04	8.28	7.74	4.14	5.68	12.90	5.58	8.50
3	14.02	6.44	9.92	12.36	5.98	8.19	6.56	3.14	4.52	12.20	5.60	8.26
4	13.82	6.05	10.06	7.33	3.95	5.31	13.47	3.37	8.15	12.52	5.86	8.16
5	14.37	12.27	13.16	4.90	2.69	3.58	11.30	5.63	7.96	11.55	5.82	8.30
6	14.62	10.42	13.39	11.40	2.66	6.21	11.51	6.04	8.44	7.03	4.26	5.30
7	14.94	8.25	12.99	10.53	3.86	6.70	11.76	5.74	8.37	5.93	3.86	4.64
8	14.06	6.59	10.19	11.52	4.47	7.19	13.78	5.91	10.02	10.34	4.47	6.93
9	13.08	4.88	8.91	10.20	5.03	7.17	14.10	7.00	10.81	9.24	6.05	7.20
10	13.06	6.28	9.32	12.21	6.11	7.92	13.77	6.91	10.62	10.25	5.17	6.51
11	13.23	6.16	9.41	6.70	5.38	6.10	13.98	6.87	10.40	10.61	3.97	6.28
12	12.93	6.52	9.43	5.69	4.44	5.15	13.79	7.14	10.67	8.79	3.60	5.87
13	13.25	6.25	9.61	10.77	3.51	5.49	13.97	6.81	10.86	7.45	3.09	4.86
14	7.84	4.47	5.74	10.65	4.29	5.89	13.70	7.32	10.60	5.16	2.45	3.28
15	7.48	3.85	5.17	11.11	4.88	6.88	13.97	6.94	10.85	11.78	3.62	7.96
16	14.20	3.32	8.91	11.33	5.84	7.18	13.66	6.66	10.76	13.07	6.13	9.36
17	14.71	6.35	10.45	10.22	5.81	7.07	13.54	6.69	10.70	12.96	6.10	9.34
18	14.81	6.93	11.09	7.08	5.12	6.18	13.66	6.54	10.71	12.95	5.77	9.11
19	14.73	6.96	11.26	5.81	3.69	4.79	14.26	7.17	11.64	12.47	6.15	9.29
20	13.79	6.85	10.49	9.73	2.84	4.79	14.01	7.33	11.01	7.70	3.67	5.43
21	8.27	3.41	5.48	9.87	3.21	4.86	13.87	7.08	10.79	5.79	2.60	3.57
22	5.13	2.23	3.51	9.00	4.40	5.69	14.04	7.04	11.43	12.42	3.47	7.87
23	12.68	3.00	7.82	8.99	5.13	6.15	13.97	7.49	11.54	12.43	5.80	8.81
24	12.94	5.88	9.11	9.97	5.65	6.83	14.27	7.11	11.21	12.45	6.00	9.00
25	13.16	5.71	9.17	7.18	5.81	6.56	13.57	6.74	10.67	11.43	5.81	8.24
26	13.11	5.75	9.06	6.72	4.71	5.63	13.78	7.04	10.98	12.40	5.31	8.55
27	13.37	5.89	9.28	12.06	4.20	7.16	14.07	6.93	10.99	11.82	4.80	7.05
28	7.16	3.69	5.07	12.82	6.63	8.76	14.02	6.83	10.89	9.99	4.02	6.17
29	4.83	2.16	3.29	12.73	6.15	8.58	13.89	6.94	10.99	13.60	4.92	9.82
30	11.68	2.91	6.07	12.57	5.88	8.23	8.67	4.29	6.01	13.86	6.03	10.31
31	12.26	5.23	7.13	---	---	---	4.73	3.13	3.79	13.69	6.20	10.36
MONTH	14.94	2.16	8.65	12.82	2.66	6.55	14.27	3.13	9.68	13.86	2.45	7.43

SAVANNAH RIVER BASIN

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.17	6.32	10.19	14.75	7.04	11.71	4.98	2.60	3.65	11.93	4.27	6.94
2	12.81	6.15	10.18	14.83	6.62	11.55	9.96	3.71	5.68	12.35	4.25	7.01
3	8.30	3.92	5.68	14.93	6.89	11.60	10.03	3.88	5.73	12.40	3.21	6.40
4	5.68	2.72	3.91	14.29	7.31	11.58	10.20	4.23	5.95	11.85	4.61	7.13
5	12.79	3.11	9.09	14.39	7.15	11.79	9.72	3.78	5.64	8.55	6.02	6.92
6	13.30	6.18	10.33	15.02	9.56	12.53	11.29	3.15	5.12	7.83	6.10	6.88
7	13.37	6.20	10.32	14.91	9.35	12.39	6.23	3.07	4.41	12.90	4.29	7.09
8	13.83	6.29	10.29	14.42	9.02	12.26	4.92	2.42	3.30	11.31	3.70	6.51
9	12.93	6.21	10.27	14.41	8.95	12.22	12.72	3.07	7.06	12.25	3.75	6.30
10	11.50	5.01	7.97	14.31	8.39	12.25	12.95	5.84	8.32	11.77	4.20	6.58
11	10.45	6.36	8.73	14.91	8.34	12.27	12.86	6.02	8.48	13.41	4.85	8.08
12	11.83	5.88	8.96	15.03	8.51	12.78	12.68	6.49	8.82	10.15	4.82	6.78
13	12.32	10.85	12.10	15.06	8.20	12.49	12.69	6.26	8.63	7.22	2.94	4.97
14	12.32	12.22	12.27	15.04	8.24	12.45	7.45	3.48	5.65	12.12	3.31	7.10
15	12.86	12.23	12.41	14.44	8.12	12.27	4.34	2.31	3.07	12.52	6.14	9.24
16	14.30	12.23	13.27	13.89	8.12	12.06	11.78	2.81	6.91	12.75	7.03	10.26
17	13.58	6.76	10.00	15.04	5.40	10.57	13.42	5.46	9.48	12.70	7.39	10.39
18	15.00	7.15	12.08	15.06	10.01	13.57	12.78	5.83	8.29	12.63	7.32	10.27
19	14.76	9.08	12.76	14.94	11.49	13.85	12.48	5.18	7.79	12.81	6.67	10.42
20	14.57	8.73	12.41	14.86	11.62	13.90	12.17	4.57	7.51	13.07	6.70	10.49
21	14.50	10.85	13.04	14.95	12.12	14.33	6.41	2.47	4.22	14.15	5.87	10.38
22	14.31	9.34	12.77	14.99	12.18	14.40	5.05	2.15	3.20	14.22	5.77	10.60
23	14.29	8.77	12.65	15.05	12.18	14.44	11.85	3.04	6.87	14.22	5.95	10.74
24	15.34	10.29	14.16	15.16	11.96	14.43	12.32	3.79	6.80	14.05	6.62	10.67
25	15.40	13.46	14.67	15.29	11.91	14.50	12.34	4.22	7.04	14.07	5.99	10.54
26	15.43	11.92	14.66	15.25	8.13	12.60	12.65	3.97	6.85	8.72	4.33	5.90
27	15.45	12.25	15.16	13.13	6.47	9.83	10.46	3.52	6.50	6.67	2.14	3.98
28	15.29	10.89	14.23	13.10	6.45	9.79	7.24	5.76	6.41	13.31	3.01	7.29
29	---	---	---	13.27	6.41	10.04	6.22	4.68	5.37	13.58	4.26	8.60
30	---	---	---	13.22	6.32	9.80	12.72	3.21	6.36	13.60	4.80	8.79
31	---	---	---	7.72	3.89	5.46	---	---	---	13.35	3.86	7.74
MONTH	15.45	2.72	11.23	15.29	3.89	12.12	13.42	2.15	6.30	14.22	2.14	8.10
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	13.18	4.81	8.38	8.00	4.94	6.13	12.69	4.58	7.56	---	---	---
2	7.36	3.41	5.78	11.01	4.22	6.43	12.29	4.93	7.72	---	---	---
3	7.31	2.46	4.51	8.26	4.13	5.98	13.00	4.82	7.68	---	---	---
4	12.19	2.10	5.13	8.46	4.21	6.03	8.18	5.52	6.65	---	---	---
5	9.62	3.39	5.46	12.90	4.61	7.23	6.65	4.81	5.72	---	---	---
6	11.47	3.44	5.53	12.37	4.69	7.40	12.54	3.44	6.74	---	---	---
7	12.06	3.91	6.36	7.72	5.44	6.49	13.59	4.37	7.58	---	---	---
8	12.47	5.71	7.77	6.71	4.56	5.77	13.49	4.83	7.75	---	---	---
9	7.96	5.58	6.64	13.22	3.51	6.74	12.33	4.59	7.44	---	---	---
10	6.97	4.34	5.46	13.60	4.92	7.66	12.13	3.75	6.93	---	---	---
11	11.51	3.02	5.59	12.06	5.21	7.35	8.36	5.50	6.69	---	---	---
12	9.03	3.46	5.33	11.63	4.19	6.72	7.88	4.85	5.99	---	---	---
13	10.84	3.74	6.17	11.13	3.61	6.28	12.50	3.53	6.97	---	---	---
14	12.64	3.93	7.01	7.79	5.07	6.36	---	---	---	---	---	---
15	11.40	4.19	6.80	7.23	4.27	5.52	---	---	---	---	---	---
16	8.18	5.13	6.48	10.08	3.31	5.16	---	---	---	---	---	---
17	6.99	5.08	5.92	11.72	3.59	6.14	---	---	---	---	---	---
18	13.21	3.61	6.50	10.81	4.02	6.53	---	---	---	---	---	---
19	13.17	3.73	6.92	9.02	4.12	5.84	---	---	---	---	---	---
20	12.83	3.93	7.16	11.61	4.62	6.86	---	---	---	---	---	---
21	12.90	4.38	7.32	8.33	5.56	6.87	---	---	---	---	---	---
22	11.01	4.35	6.57	6.75	4.75	5.80	---	---	---	---	---	---
23	7.90	5.77	6.61	12.76	4.24	7.27	---	---	---	---	---	---
24	7.66	5.73	6.60	12.06	4.32	6.81	---	---	---	---	---	---
25	12.99	3.79	6.78	12.49	4.15	6.65	---	---	---	---	---	---
26	13.42	3.41	6.68	11.81	4.19	6.67	---	---	---	---	---	---
27	12.19	3.95	6.26	11.69	4.47	6.86	---	---	---	---	---	---
28	11.37	4.09	6.17	8.35	5.47	6.73	---	---	---	---	---	---
29	10.68	4.03	6.05	7.57	5.44	6.44	---	---	---	---	---	---
30	7.65	4.90	6.21	13.40	4.21	7.27	---	---	---	---	---	---
31	---	---	---	12.59	4.81	7.37	---	---	---	---	---	---
MONTH	13.42	2.10	6.34	13.60	3.31	6.56	13.59	3.44	7.03	---	---	---
YEAR	15.45	2.10	8.23									

SAVANNAH RIVER BASIN

315

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 mi².

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.--Water-stage recorder and data collection platform. Datum of gage is 197.34 ft above National Geodetic Vertical Datum of 1929 (levels by Southeastern Power Administration). October 15, 1929 to September 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

REMARKS.--Estimated daily discharges: Nov. 3, 9, 10, 15, 16, are poor. Records good above 3600 ft³/s, fair from 240 ft³/s to 3600 ft³/s, and poor below 240 ft³/s.

AVERAGE DISCHARGE.--45 years (1930-31, 1940-78, 1985-1990), 404 ft³/s, 10.07 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,100 ft³/s, Aug. 14, 1940, gage height, 41.08 ft, Aug. 14, 1940; no flow many days Sept., Oct., Nov. 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Oct. 2	1200	7630	20.96	Feb. 19	2200	9540	23.32

Minimum daily, 3.7 ft³/s, Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1260	59	93	1060	438	363	713	241	162	15	9.8	276
2	6400	58	88	815	349	339	479	178	125	16	9.5	93
3	4110	58	85	461	317	2180	389	158	98	14	11	45
4	844	58	82	353	303	1510	313	137	84	12	8.6	25
5	366	60	80	309	328	737	269	750	75	12	9.1	16
6	256	61	80	745	308	537	244	809	67	11	7.0	12
7	199	62	80	1220	262	441	251	357	60	8.2	6.4	9.5
8	191	62	1120	3510	244	375	264	221	52	7.2	6.3	7.2
9	171	84	2840	2290	238	402	224	180	46	7.0	6.4	6.4
10	151	112	2110	1080	637	654	201	378	122	8.6	6.4	6.6
11	139	99	893	681	1140	855	216	547	311	9.8	5.7	9.2
12	130	84	614	520	1050	571	241	269	174	8.7	5.1	6.2
13	122	74	2580	419	512	427	209	193	130	11	4.8	5.5
14	114	68	1350	348	389	364	195	168	89	7.6	5.2	7.0
15	108	66	637	307	328	324	189	142	70	8.4	5.5	11
16	104	68	461	287	657	301	203	123	46	12	4.8	22
17	98	121	375	268	3510	1980	204	108	49	17	4.4	21
18	93	174	309	254	1370	3700	183	114	50	62	4.0	13
19	96	160	308	248	5900	1330	164	120	45	62	4.2	8.6
20	101	142	515	240	6280	674	148	113	38	28	3.9	8.4
21	101	129	508	315	1820	500	140	101	34	21	4.8	6.7
22	96	117	404	791	856	413	138	101	31	19	336	6.1
23	90	110	306	482	1170	364	137	108	36	22	310	7.3
24	85	269	232	341	975	326	133	105	34	39	103	18
25	79	188	221	302	656	299	126	92	31	25	51	16
26	74	150	208	880	490	276	119	79	30	24	66	11
27	70	109	206	698	415	287	112	70	22	15	52	8.1
28	67	102	193	434	383	319	109	63	21	13	27	5.7
29	64	101	184	357	---	290	663	817	18	11	19	6.7
30	62	97	181	547	---	505	498	456	15	9.5	14	3.7
31	61	---	193	638	---	575	---	194	---	12	399	---
TOTAL	15902	3102	17536	21200	31325	22218	7474	7492	2165	548.0	1509.9	697.9
MEAN	513	103	566	684	1119	717	249	242	72.2	17.7	48.7	23.3
MAX	6400	269	2840	3510	6280	3700	713	817	311	62	399	276
MIN	61	58	80	240	238	276	109	63	15	7.0	3.9	3.7

CAL YR 1989 TOTAL 190755 MEAN 523 MAX 9730 MIN 47
WTR YR 1990 TOTAL 131169.8 MEAN 359 MAX 6400 MIN 3.7

SAVANNAH RIVER BASIN

317

02196483 SAVANNAH RIVER AT STEVENS CREEK DAM NEAR MORGANA, SC

LOCATION.--Lat 33°33'46'', long 82°03'04'', Edgefield County, SC-Columbia County, GA, Hydrologic Unit 03060106, on upstream side of Stevens Creek Dam, about 3.2 mi south of Morgana, and at mile 208.1.

DRAINAGE AREA.--7,150 mi².

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Data collection platform. Datum of gage is 114.42 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 74.49 ft, Feb. 27, 1990; minimum, 67.36 ft, May 27, 1990, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 74.49 ft, Feb. 27; minimum, 67.36 ft, May. 27, June 4.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	71.41	72.00	70.95	71.55	72.31	71.49	69.90	71.09	71.96	70.79	71.10
2	---	70.91	72.13	70.32	71.85	71.20	70.47	71.07	71.57	70.86	70.39	70.02
3	---	70.43	71.79	71.19	72.33	71.03	70.24	71.58	71.67	70.08	70.79	68.84
4	---	70.26	71.08	72.11	72.42	72.11	70.94	71.99	70.55	71.40	71.09	70.03
5	---	70.93	69.66	72.16	71.63	71.49	71.14	71.91	69.47	72.67	71.31	71.48
6	---	70.75	70.26	71.90	71.25	71.56	71.72	71.68	70.22	71.15	70.19	71.41
7	---	70.26	70.93	72.04	71.83	72.09	72.30	70.90	71.06	71.76	69.60	71.62
8	72.67	70.16	71.16	71.60	72.16	71.99	71.76	70.68	71.65	72.06	70.01	71.67
9	72.30	71.15	71.99	71.26	72.08	71.62	70.71	71.24	71.79	71.22	70.12	70.97
10	71.96	71.94	71.74	72.17	72.22	71.75	71.67	71.67	71.54	70.74	70.22	69.29
11	72.13	72.11	70.60	72.10	71.39	71.94	71.45	72.08	70.22	71.13	70.81	70.05
12	72.75	72.13	70.25	71.73	70.82	71.28	70.63	71.53	69.49	71.27	71.05	71.69
13	72.43	71.25	70.75	72.20	70.80	71.30	71.24	71.55	70.42	71.77	69.92	71.77
14	71.45	70.53	70.60	72.52	71.32	71.66	72.06	70.53	71.19	72.12	69.15	70.60
15	71.00	71.56	70.64	70.78	71.97	71.36	72.62	70.32	71.65	71.81	70.45	69.84
16	70.81	---	71.23	70.58	72.17	---	73.14	71.05	71.60	70.90	71.43	69.82
17	71.25	---	70.84	72.02	72.45	---	71.24	71.61	71.73	71.10	71.47	68.69
18	72.17	72.10	70.36	72.32	71.69	71.95	70.03	71.82	70.98	71.19	71.43	69.25
19	72.29	71.72	69.93	71.80	70.94	71.11	70.82	71.72	70.39	71.22	70.88	70.23
20	72.59	70.66	70.13	72.07	70.64	71.25	71.46	71.32	71.60	71.04	69.58	70.18
21	72.80	69.45	70.69	71.97	71.97	71.11	71.75	69.96	72.14	71.86	69.59	72.93
22	72.60	70.69	71.53	71.45	72.73	71.68	72.03	69.24	72.28	72.23	70.46	72.22
23	71.97	71.28	71.89	70.93	71.27	72.12	71.22	69.81	71.76	71.71	71.90	70.52
24	71.38	71.99	71.85	71.80	70.41	72.95	70.72	70.43	71.42	71.50	71.04	69.13
25	71.32	72.53	71.12	72.29	70.24	71.18	70.71	70.89	70.44	71.28	70.68	69.59
26	70.61	71.93	70.53	71.49	69.54	69.74	71.05	71.28	70.45	70.29	69.94	70.56
27	69.66	71.18	71.18	71.02	70.19	69.68	71.26	71.24	70.59	70.29	68.74	70.60
28	69.94	70.47	71.89	70.80	71.72	70.69	71.45	69.89	71.29	71.26	69.94	70.62
29	71.66	71.68	72.29	70.31	---	71.56	71.41	69.13	71.54	71.78	71.81	71.53
30	71.78	71.70	71.81	69.88	---	71.63	70.57	70.41	72.06	70.86	71.43	70.06
31	71.57	---	71.78	70.96	---	71.58	---	70.95	---	70.87	71.09	---
MEAN	71.71	71.18	71.12	71.51	71.48	71.48	71.31	70.95	71.13	71.33	70.56	70.54
MAX	72.80	72.53	72.29	72.52	72.73	72.95	73.14	72.08	72.28	72.67	71.90	72.93
MIN	69.66	69.45	69.66	69.88	69.54	69.68	70.03	69.13	69.47	70.08	68.74	68.69

WTR YR 1989 MEAN 71.18 MAX 73.14 MIN 68.69

SAVANNAH RIVER BASIN

02196483 SAVANNAH RIVER AT STEVENS CREEK DAM NEAR MORGANA, SC

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.18	71.49	71.58	70.04	72.71	72.98	68.85	70.42	70.67	71.16	70.96	71.03
2	71.97	72.23	70.82	71.99	72.71	72.79	69.55	70.55	69.65	70.26	71.31	70.91
3	72.79	71.98	69.24	71.78	70.67	72.97	69.64	69.78	68.79	70.28	71.27	70.10
4	72.24	70.32	70.79	71.86	69.09	73.08	69.90	71.03	68.91	70.58	71.56	70.35
5	73.90	68.68	71.50	71.93	71.13	72.95	69.29	72.01	69.41	71.17	70.70	70.81
6	74.10	69.82	71.90	70.39	72.78	73.44	68.93	72.05	69.64	71.21	70.02	72.01
7	73.68	70.41	71.84	69.94	72.73	73.36	69.33	70.56	70.41	71.71	70.89	71.41
8	72.98	70.99	72.68	71.32	72.70	73.28	68.40	69.88	71.83	70.98	71.27	70.43
9	71.14	71.46	73.33	72.06	72.75	73.27	70.09	69.69	71.48	70.16	70.84	69.52
10	71.70	72.27	73.14	71.04	71.65	73.32	71.80	70.42	70.20	71.30	70.43	69.51
11	71.71	71.52	72.80	70.35	72.40	73.26	72.06	71.22	69.52	71.43	71.69	70.00
12	72.02	70.54	73.00	69.72	72.16	73.54	72.34	70.37	70.01	70.51	71.03	70.32
13	72.01	69.69	73.08	69.91	73.63	73.39	72.11	68.98	70.48	70.26	70.32	71.33
14	70.59	70.30	73.02	68.60	73.79	73.34	70.54	69.99	70.90	71.48	70.51	71.76
15	69.94	71.30	72.88	70.87	73.89	73.29	68.10	72.25	71.06	70.68	70.44	72.35
16	70.80	72.05	72.98	72.42	74.07	73.22	69.94	72.46	71.61	69.64	70.66	71.02
17	72.74	71.85	72.87	72.43	73.17	72.42	72.17	72.49	71.21	---	71.33	70.47
18	73.12	71.50	72.89	72.09	73.34	73.98	71.49	72.34	70.44	---	70.68	70.75
19	73.10	70.00	73.32	72.29	73.97	73.88	70.91	72.35	70.56	70.34	71.57	70.69
20	72.68	68.91	73.20	70.23	73.94	73.82	70.29	72.34	70.85	71.33	70.38	70.77
21	70.29	69.26	73.07	68.82	73.87	73.95	68.93	72.02	71.08	71.99	70.76	71.43
22	68.64	70.42	73.26	70.77	73.67	74.00	68.24	72.09	70.89	71.00	71.28	71.59
23	70.56	71.10	73.46	71.99	73.52	74.03	69.58	72.21	71.97	70.92	71.64	71.29
24	72.11	71.87	73.32	72.11	73.96	74.04	70.21	72.43	71.97	70.36	71.15	70.85
25	72.02	71.99	73.02	71.77	74.09	74.08	70.33	72.19	70.47	70.40	71.75	71.35
26	72.01	70.98	73.19	71.82	74.11	73.65	70.04	70.41	70.29	70.50	70.80	71.14
27	72.16	70.45	73.17	71.43	74.30	72.19	70.03	68.58	70.60	70.90	70.97	71.27
28	69.95	72.84	73.07	70.39	73.93	72.23	71.61	69.59	70.64	71.73	71.74	71.12
29	68.39	72.10	73.21	72.06	---	72.35	70.52	70.75	70.67	71.52	71.77	71.78
30	69.30	71.76	71.05	72.64	---	72.26	69.79	71.10	71.33	70.70	72.33	71.56
31	70.76	---	69.02	72.78	---	70.41	---	70.01	---	70.98	71.84	---
MEAN	71.60	71.00	72.44	71.22	73.03	73.19	70.17	71.05	70.58	70.88	71.09	70.96
MAX	74.10	72.84	73.46	72.78	74.30	74.08	72.34	72.49	71.97	71.99	72.33	72.35
MIN	68.39	68.68	69.02	68.60	69.09	70.41	68.10	68.58	68.79	69.64	70.02	69.51
CAL YR 1989	MEAN 71.28		MAX 74.10		MIN 68.39							
WTR YR 1990	MEAN 71.43		MAX 74.30		MIN 68.10							

319

LOCATION.--Lat 33°33'46'', long 82°03'02'', Edgefield County, SC-Columbia County, GA, Hydrologic Unit 03060106, on downstream end of lock, 200 ft below Stevens Creek Dam, about 3.2 mi south of Morgana, and at mile 208.

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Data collection platform. Datum of gage is 114.42 ft above National Geodetic Vertical Datum of 1929.
Prior to May 24, 1989, at site 200 ft upstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 47.93 ft. Feb. 19, 1990; minimum, 40.88 ft, June 26, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 47.93 ft. Feb. 19; minimum, 41.19 ft. Apr. 22.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.79	44.12	43.72	43.80	43.85	42.42	44.02	45.10	43.33	---	44.22	44.07
2	43.82	44.26	43.81	43.92	43.78	42.77	44.23	---	42.97	---	43.87	43.45
3	43.72	44.10	43.81	43.93	43.70	43.40	44.35	---	43.26	43.48	43.88	42.82
4	42.56	44.03	43.74	43.43	43.75	43.46	44.31	---	43.29	43.86	43.45	43.35
5	44.31	43.94	43.81	43.21	43.73	43.04	44.32	43.80	43.25	44.70	43.38	44.21
6	44.20	43.90	43.83	43.98	43.75	43.24	44.31	43.70	43.27	44.50	43.39	44.26
7	43.85	43.84	43.86	44.07	43.64	42.28	43.84	44.12	43.26	43.84	43.30	43.62
8	43.59	43.81	43.90	43.99	43.34	42.67	44.18	43.54	43.36	43.62	43.64	43.27
9	43.97	43.75	43.82	43.91	43.22	43.20	---	43.58	43.42	43.57	43.66	43.89
10	44.05	43.77	43.82	43.46	43.53	43.63	---	44.01	43.37	43.63	43.55	45.00
11	44.13	43.79	43.78	43.17	43.63	43.66	---	43.60	43.41	43.58	43.03	44.15
12	44.32	43.84	43.80	43.50	43.65	43.67	---	43.50	42.74	43.65	43.36	43.10
13	43.78	43.87	43.81	43.76	43.58	43.43	44.19	43.86	43.01	44.10	43.26	42.97
14	44.34	44.03	43.74	43.23	43.57	43.26	44.36	43.86	43.09	44.04	43.22	43.46
15	44.70	43.97	43.74	43.93	43.53	43.62	43.73	43.62	43.25	43.73	43.33	43.80
16	44.58	---	43.82	43.91	43.46	---	42.96	43.02	43.24	43.73	43.49	43.88
17	44.33	---	43.94	43.78	43.09	---	43.04	44.43	43.13	44.17	43.47	44.57
18	43.85	43.87	43.94	43.35	43.56	44.26	44.63	45.42	43.15	44.42	43.41	43.45
19	44.17	43.86	44.03	43.75	43.50	44.23	44.91	44.95	43.09	44.52	42.98	44.21
20	43.87	43.84	43.92	43.72	43.58	44.15	44.55	44.35	43.19	44.01	42.91	44.03
21	44.03	43.97	43.81	43.95	43.15	44.11	44.98	43.44	44.06	44.19	43.37	45.21
22	44.06	43.98	43.82	43.90	41.52	43.88	45.00	42.70	44.53	44.36	43.94	45.20
23	43.97	43.94	43.92	43.96	41.84	43.33	44.98	42.15	43.90	43.97	44.41	44.61
24	44.13	43.94	43.83	43.90	43.03	42.11	44.62	42.87	43.64	43.88	44.20	43.34
25	43.75	43.61	43.85	43.33	43.26	42.51	44.78	43.37	43.42	44.32	43.91	43.48
26	43.98	43.84	43.81	43.43	43.44	43.77	44.88	43.41	43.15	43.97	43.45	43.96
27	44.24	43.90	43.78	43.63	43.52	44.06	44.96	43.35	43.39	43.65	42.92	44.10
28	44.62	43.94	43.86	43.91	43.50	44.09	45.06	43.41	43.31	43.50	43.06	44.04
29	44.43	43.75	43.46	43.91	---	44.13	44.98	42.96	43.36	43.49	44.45	44.00
30	44.36	43.80	43.84	43.90	---	44.00	44.92	43.25	43.42	43.44	44.35	43.62
31	44.37	---	43.79	43.85	---	43.76	---	43.30	---	43.56	44.22	---
MAX	4											

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.69	44.15	---	43.45	45.25	46.07	43.09	44.09	44.74	43.45	44.56	44.43
2	45.18	44.35	43.99	44.55	45.27	45.94	43.47	44.19	44.34	43.98	44.61	44.00
3	45.92	44.48	43.51	44.40	44.14	46.14	43.73	43.87	43.49	43.99	44.59	44.09
4	45.33	43.99	44.24	44.39	43.29	46.28	43.88	43.79	43.51	43.78	43.77	44.27
5	46.41	43.19	44.41	---	44.40	46.09	43.92	43.61	43.79	44.13	43.91	44.37
6	46.56	43.53	44.63	---	45.24	46.38	43.45	43.66	43.66	44.25	44.16	44.87
7	46.33	44.15	---	---	45.27	46.27	43.43	44.32	43.50	43.48	44.53	45.08
8	45.84	44.14	---	---	45.21	46.25	42.80	44.25	43.95	43.48	44.60	44.41
9	44.96	43.94	---	44.68	45.27	46.21	43.05	44.12	43.95	43.91	44.76	43.83
10	45.20	44.24	---	44.27	44.64	46.17	44.20	44.00	43.95	44.25	44.51	43.51
11	45.19	43.42	45.48	44.17	45.05	46.25	44.39	44.21	43.76	44.28	43.86	43.54
12	45.20	43.37	45.63	44.03	44.91	46.51	44.44	44.69	43.39	44.23	43.97	43.48
13	45.25	43.59	45.77	43.85	46.09	46.29	44.38	43.81	43.42	43.57	44.23	43.51
14	44.09	43.68	45.75	42.13	46.20	46.26	44.04	43.91	43.97	43.53	44.32	43.74
15	43.64	43.69	45.60	43.58	46.22	46.18	42.44	44.86	43.63	43.51	44.33	43.76
16	44.39	43.98	---	44.79	46.51	46.14	43.21	45.29	43.32	43.62	44.24	43.51
17	45.18	43.85	---	44.87	45.90	45.40	44.60	45.43	43.47	---	44.17	43.39
18	45.61	43.51	---	44.76	---	47.20	44.52	45.42	43.84	---	43.72	43.50
19	45.82	43.57	---	44.86	---	46.99	44.37	45.45	43.99	43.85	43.68	43.53
20	45.63	43.63	---	44.12	47.22	46.86	44.43	45.47	44.15	43.59	44.23	43.86
21	44.30	43.35	45.47	42.79	47.00	46.99	43.51	45.33	44.16	43.70	44.25	44.18
22	43.11	43.34	45.53	44.00	46.63	47.01	42.18	45.47	43.74	43.69	44.39	43.49
23	43.75	43.56	45.75	44.63	46.49	47.02	43.42	45.46	43.15	44.13	44.46	43.48
24	44.79	43.31	45.71	44.72	46.88	47.01	43.86	45.52	43.28	44.42	44.42	43.70
25	44.92	43.34	45.37	44.57	47.16	47.03	44.12	45.36	44.10	44.26	43.72	44.01
26	44.82	43.49	45.45	44.61	47.14	46.60	44.10	44.19	44.03	44.25	43.70	44.05
27	44.90	44.09	45.45	44.44	47.47	45.16	43.58	43.36	43.71	44.07	44.34	44.01
28	44.02	44.21	45.43	43.65	47.09	45.18	43.17	43.97	43.65	43.62	45.12	43.84
29	42.86	---	45.45	44.92	---	45.30	43.48	44.87	43.35	43.61	45.27	43.34
30	43.41	---	44.32	45.38	---	45.20	43.79	44.91	43.20	44.49	45.24	43.38
31	44.07	---	43.13	45.41	---	44.07	---	44.70	---	44.54	45.12	---
MEAN	44.85	43.75	45.05	44.30	45.84	46.21	43.70	44.57	43.74	43.92	44.35	43.87
MAX	46.56	44.48	45.77	45.41	47.47	47.20	44.60	45.52	44.74	44.54	45.27	45.08
MIN	42.86	43.19	43.13	42.13	43.29	44.07	42.18	43.36	43.15	43.45	43.68	43.34
CAL YR 1989	MEAN 43.89		MAX 46.56	MIN 41.52								
WTR YR 1990	MEAN 44.50		MAX 47.47	MIN 42.13								

SAVANNAH RIVER BASIN

321

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 206.

DRAINAGE AREA.--7,150 mi².

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Data collection platform. Elevation of gage is 150 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--1989 WATER YEAR.--Estimated daily discharges: Oct. 5 - 7, Mar. 27, May 6, 29, June 2, 12, 13, 20, 21, 26, July 1, 4 - 14, 20 - 24, Aug. 6 - 11, 19 - 21, 28, Sept. 10, 18. Records poor.

1990 WATER YEAR.--Estimated daily discharges: Oct. 22, 23, 29, 30, Nov. 6, Jan. 6 - 9, 14, 15, 21, Apr. 2, 8, 9, 15, 16, 22, 23, 27, June 28 - 30, Aug. 17. Records poor. Flow regulated by Thurmond Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 36,100 ft³/s, Feb. 20, 27, 1990, gage height, 11.55 ft; minimum daily, 65 ft³/s, Mar. 18, 1989.

EXTREMES FOR CURRENT YEAR.--WATER YEAR 1990: Maximum discharge, 36,100 ft³/s, Feb. 20, 27, gage height, 11.55 ft; minimum daily, 298 ft³/s, June 23.

WATER YEAR 1989: Maximum discharge, 25,600 ft³/s, Sept. 21, gage height, 10.84 ft; minimum daily, 65 ft³/s, Mar. 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4140	2430	2100	3020	1220	4330	503	641	955	1250	5200	6630
2	5900	1400	2360	1650	2080	2520	300	1160	450	2450	3020	3620
3	7810	1750	2130	1720	2420	593	118	2340	1410	3010	3320	1750
4	10000	1690	2940	3020	1470	439	178	1970	1600	3400	1270	4600
5	11500	2450	2110	4610	1580	1800	142	1500	1030	5800	965	8210
6	4500	2560	2010	2120	920	709	230	1700	1280	8800	1800	8680
7	3000	1980	1890	936	1180	3950	1850	2770	1390	3700	2150	9020
8	2520	1730	1790	2160	1930	2260	768	1790	1540	3500	1650	8850
9	2030	1590	2250	1630	2040	616	3600	1980	2330	3350	1200	5200
10	904	1840	2220	2740	1230	121	5750	5320	2240	3750	950	1900
11	1370	1760	3160	4300	888	221	7430	7330	3020	4400	450	3370
12	802	1890	2120	3510	793	627	4740	1890	200	3600	2400	8960
13	2210	2360	2500	1980	590	1320	975	1950	310	3400	1840	10700
14	1890	1470	2280	4100	484	1760	1160	2610	681	2800	1180	6810
15	226	1540	2490	2490	437	641	5240	2180	1050	2450	1290	3700
16	976	1820	2730	1650	619	181	12100	1950	1770	3080	1950	3330
17	829	2070	2160	1830	1970	69	12500	1840	1560	4780	1500	719
18	1810	1780	2810	3480	362	65	2850	2890	2110	5930	1510	450
19	1370	1850	1320	2350	768	71	1490	1700	1170	6930	210	4710
20	1930	2480	1640	2260	283	68	2860	2160	1800	4800	250	3240
21	1860	1460	2710	1210	2080	74	1180	2420	4800	5400	640	12100
22	1690	1180	3000	2120	12100	193	1680	1250	8140	5800	2840	13200
23	2350	1470	2680	1470	9310	1960	1780	1880	4480	5100	6950	7900
24	1130	1340	3730	1360	2730	10100	2540	1630	2950	4550	5550	1530
25	2080	2210	3970	3070	1500	6940	1860	876	2080	7100	4130	1680
26	2350	2000	4050	3590	1040	1120	1460	1280	1100	4610	2400	3250
27	2240	1930	3710	3310	351	380	832	1170	1260	2660	733	3910
28	1410	1080	2300	2530	436	209	433	1960	562	1500	600	3840
29	1500	1830	3030	2060	---	131	1130	240	896	1770	9140	3390
30	2170	1870	2130	1650	---	411	1890	544	1260	1980	8690	2220
31	1450	---	2280	1640	---	754	---	760	---	1830	7570	---
TOTAL	85947	54810	78600	75566	52811	44633	79569	61681	55424	123480	83348	157469
MEAN	2772	1827	2535	2438	1886	1440	2652	1990	1847	3983	2689	5249
MAX	11500	2560	4050	4610	12100	10100	12500	7330	8140	8800	9140	13200
MIN	226	1080	1320	936	283	65	118	240	200	1250	210	450

WTR YR 1989 TOTAL 953338 MEAN 2612 MAX 13200 MIN 65

SAVANNAH RIVER BASIN

02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3060	5690	7530	4140	14100	20500	1690	6130	10800	2560	4760	7610
2	12500	7230	5670	12200	14500	20000	3400	6440	8010	7250	5360	5760
3	18400	8030	2780	11300	6540	22000	4030	4310	2340	6490	5150	6580
4	13900	5360	6520	10300	1810	22600	4800	3700	2280	5410	1090	6590
5	22500	1400	7740	11600	8850	20900	5270	3520	3100	7590	2440	6820
6	24100	2810	9800	7200	14400	23800	2400	3610	2400	8850	3470	10300
7	22100	5520	9400	5200	14700	22600	2520	8480	1320	4520	5130	12200
8	18300	5290	15000	6600	14300	22400	502	7510	2890	4420	5450	7480
9	10800	4530	21200	8900	14700	22300	4660	6770	2700	5450	6670	4470
10	12600	6260	20600	6220	10400	22100	7480	5680	3030	6450	4630	2090
11	12600	2140	16700	5500	13600	22700	9060	7080	1420	6690	1120	2350
12	13000	2220	18200	4770	12100	24800	9520	11000	774	6190	2070	1930
13	13200	2460	19800	4070	21100	23000	8880	4620	1210	3140	4590	2090
14	5580	2650	19100	725	22000	22600	6290	4960	3630	2580	5430	3700
15	3290	3030	18100	7940	22200	22000	540	12000	1850	2610	5480	4520
16	7810	4650	18700	11200	24800	21600	5310	15200	706	3060	4920	3680
17	13500	3990	18400	11800	19400	16300	10500	16500	1860	3290	3500	1990
18	16400	2430	17300	10600	21300	31300	10000	16500	3090	6300	2760	2450
19	17700	3170	20100	11700	27200	29400	8680	16800	3640	4140	2630	2590
20	15900	2610	18900	6150	29800	28300	9170	17100	4450	2810	5170	4520
21	7040	1390	18500	898	28000	29500	3470	15500	4210	3180	5150	5740
22	1310	1170	19500	6010	25000	29600	337	16800	2150	2180	6810	2510
23	7210	3620	21600	10100	24000	29900	4000	16700	298	3860	6880	3430
24	10700	1420	21800	10900	28100	30000	4620	17300	690	4610	6520	3240
25	11500	1840	19700	9730	31100	30400	6520	15600	4280	3210	2830	5020
26	11100	2680	20900	9930	30700	26200	6310	7420	3840	3400	3050	5330
27	11400	5050	19700	9000	33800	13700	3410	2060	1980	2540	6880	5130
28	5500	6310	19400	3700	29900	13900	1300	5680	1560	689	12200	4260
29	1410	10000	20700	12900	---	15100	2910	12000	649	812	12600	1750
30	5370	8570	11200	14900	---	14100	4110	12500	1060	4780	12500	2600
31	4950	---	2790	15400	---	6670	---	10500	---	4620	11900	---
TOTAL	354730	123520	487130	261583	558400	700270	151689	309970	82217	133681	169140	138730
MEAN	11440	4117	15710	8438	19940	22590	5056	9999	2741	4312	5456	4624
MAX	24100	10000	21600	15400	33800	31300	10500	17300	10800	8850	12600	12200
MIN	1310	1170	2780	725	1810	6670	337	2060	298	689	1090	1750

CAL YR 1989 TOTAL 1699361 MEAN 4656 MAX 24100 MIN 65
WTR YR 1990 TOTAL 3471060 MEAN 9510 MAX 33800 MIN 298

SAVANNAH RIVER BASIN

323

02196500 AUGUSTA CANAL NEAR AUGUSTA, GA

LOCATION.--Lat 33°30'50'', long 82°00'15'', Richmond County, Hydrologic Unit 03060106, at Augusta City Waterworks Plant, and 3.5 mi downstream of Augusta City Lock and Dam near Augusta, Ga.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Data collection platform. Datum of gage is 148.92 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Flow regulated by gate operations at Augusta City Lock and Dam. Discharge record computed by utilization of the one-dimensional unsteady flow simulation model. An auxiliary water stage recorder (sta 02196485) is used in conjunction with this station for computation of discharge.

Water Year 1989.--Estimated daily discharges: Jan. 6, Feb. 11 - 15, June 11 - 15. Records fair.

Water Year 1990.--Estimated daily discharges: Oct. 11 to Dec. 12, Apr. 26 to May 2, June 7 - 10. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 3,160 ft³/s, Sept. 8, 1989; minimum daily, 1,060 ft³/s, Dec. 26, 1988.

EXTREMES FOR CURRENT YEAR.--WATER YEAR 1990: Maximum daily discharge, 3,110 ft³/s, Sept. 21; minimum daily, 1,110 ft³/s, Dec. 25.

WATER YEAR 1989: Maximum daily discharge, 3,160 ft³/s, Sept. 8; minimum daily, 1,060 ft³/s, Dec. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2560	2730	2770	1900	2530	2460	2280	2480	2900	2490	2790	2910
2	2090	2880	2650	2520	1990	2360	1980	2500	2820	1900	2820	2680
3	2550	2780	2680	2360	1840	2400	2350	2570	2340	1480	2770	1670
4	2900	2860	2250	2530	2290	2280	2420	2440	2270	1410	2670	2050
5	2890	2410	2650	2470	2070	2040	2510	2440	2570	1190	2710	2800
6	2860	2370	2670	2470	2500	2380	2430	2330	2480	1330	2250	2850
7	2830	2800	2690	2460	2440	2460	2300	1960	2420	1270	2620	2890
8	2720	2830	2680	2040	2550	2460	2210	2420	2590	1440	2910	3160
9	2320	2900	2570	2400	2670	2540	1560	2470	2440	1380	2870	2590
10	2810	2750	2630	2520	2670	2420	1970	2460	2360	2470	2780	2380
11	2800	2870	2110	2430	2650	2380	2270	2450	2360	2960	2880	2980
12	2780	2730	2610	2400	2620	2120	2340	2460	2360	3060	2420	3150
13	2860	2420	2540	2540	2600	1990	2490	2380	2360	2490	2330	2680
14	2980	2810	2650	2370	2570	2160	2350	2100	2360	2810	2590	2740
15	2950	2840	2660	2210	2540	2350	2030	2340	2360	2440	2780	2830
16	2480	2850	2610	2420	2520	2360	1850	2460	2370	2020	2860	2520
17	3020	2780	2490	2450	2460	2480	2420	2580	2370	2580	2870	2200
18	3090	2760	2090	2540	2450	2160	2550	2600	2010	2780	2690	2590
19	3040	2680	2670	2550	2050	2060	2410	2550	2530	2750	2720	2670
20	3000	2330	2590	2430	2420	2420	2450	2360	2710	2680	2180	2810
21	2840	2760	1990	2530	2300	2390	2500	2120	2580	2720	2770	2510
22	2790	2860	1980	2030	2380	2300	2230	2660	2680	2500	2970	2300
23	2440	2710	1840	2420	2310	2070	2080	2570	2560	2090	2940	2600
24	2980	2760	1250	2540	2290	2310	2440	2620	2480	2720	3010	2260
25	2820	2680	1120	2530	2390	2250	2460	2800	2030	2670	2950	2280
26	2910	2650	1060	2270	2010	1950	2440	2700	2600	2690	2670	2590
27	3040	2260	1670	2060	2470	2320	2780	2670	2610	2750	2380	2680
28	2920	2710	2320	1990	2330	2380	2860	2220	2950	2740	2770	2550
29	2620	2650	2500	2050	---	2420	2470	2490	2760	2500	2880	2640
30	2530	2630	2480	2320	---	2230	2040	2910	2650	2150	2830	2520
31	2670	---	2270	2310	---	2360	---	2920	---	2870	2930	---
TOTAL	86090	81050	71740	73060	66910	71260	69470	77030	74880	71330	84610	78080
MEAN	2777	2702	2314	2357	2390	2299	2316	2485	2496	2301	2729	2603
MAX	3090	2900	2770	2550	2670	2540	2860	2920	2950	3060	3010	3160
MIN	2090	2260	1060	1900	1840	1950	1560	1960	2010	1190	2180	1670

WTR YR 1989 TOTAL 905510 MEAN 2481 MAX 3160 MIN 1060

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1990	2700	2630	2250	2420	2410	1840	2550	2510	2260	2920	2390
2	2500	2800	2400	2310	2320	2160	2220	2570	2350	1450	2780	1590
3	2530	2620	1830	2400	2170	2180	2340	2590	2170	1500	2820	1840
4	2640	2230	2420	2340	1850	2110	2380	2590	2420	1370	2630	2330
5	2550	1900	2510	2400	2170	2310	2260	2010	2420	1380	2040	2610
6	2570	2480	2400	2140	2350	2330	2360	2060	2410	1380	2390	2850
7	2580	2550	2460	1870	2290	2380	2140	1680	2410	1310	2700	2940
8	2130	2720	2300	2180	2290	2370	1970	2010	2400	1380	2810	2690
9	2620	2480	2440	2310	2240	2260	2210	1960	2400	2290	2640	2180
10	2670	2570	1690	2480	2040	2230	2310	2120	2390	2850	2530	2860
11	2690	2140	2500	2460	1890	2050	2290	2340	2380	2920	2580	2970
12	2660	1840	2460	2410	2120	2200	2290	2080	2380	2930	2250	2970
13	2780	2480	2340	2240	2250	2390	2360	2040	2440	2830	2540	2960
14	2680	2660	2450	1720	2290	2390	2260	2250	2470	2480	2790	2800
15	2300	2500	2390	2210	2260	2250	2100	2350	2690	2400	2890	2410
16	2740	2530	2250	2390	2100	2280	2280	2620	2380	2550	2860	1980
17	2690	2510	2050	2350	2080	2050	2420	2490	1840	2730	2720	2630
18	2670	2240	2390	2440	2070	1970	2320	2340	2340	2630	2430	2690
19	2620	1870	2420	2350	2030	2220	2450	2260	2550	2530	2250	2700
20	2640	2510	2390	2170	2260	2300	2320	2070	2560	2450	2740	2720
21	2420	2510	2350	1850	2240	2230	2200	2520	2760	2350	2860	3110
22	2100	2660	2470	2370	2210	2270	2000	2450	2670	2190	2450	2760
23	2680	1770	1920	2380	2140	2210	2260	2520	2300	2480	2690	2040
24	2800	2220	1210	2260	2220	2090	2660	2400	2260	2620	2740	2810
25	2800	2160	1110	2290	2110	2000	2460	2700	2470	2710	2420	2920
26	2590	1960	1120	2390	2200	2150	2470	2370	2540	2540	2260	2910
27	2650	2540	1780	2200	2190	2320	2490	1990	2640	2530	2580	2860
28	2320	2550	1760	2020	2340	2230	2500	2340	2580	2410	2700	2800
29	1990	2570	1710	2090	---	2090	2520	2420	2800	2270	2610	2700
30	2330	2460	1710	2350	---	2250	2540	2370	2690	2590	2630	2220
31	2720	---	1800	2320	---	2070	---	2430	---	2870	2620	---
TOTAL	78650	71730	65660	69940	61140	68750	69220	71490	73620	71180	80870	78240
MEAN	2537	2391	2118	2256	2184	2218	2307	2306	2454	2296	2609	2608
MAX	2800	2800	2630	2480	2420	2410	2660	2700	2800	2930	2920	

SAVANNAH RIVER BASIN

325

02196689 LITTLE HORSE CREEK NEAR GRANITEVILLE, SC

LOCATION.--Lat 33°33'49'', long 81°52'27'', Aiken County, Hydrologic Unit 03060106, on downstream side of bridge on county road 104, 0.5 mi downstream of Hightower Creek, 1.0 mi upstream of Sudlow Lake, and 3.8 mi west of Graniteville.

DRAINAGE AREA.--26.6 mi².

PERIOD OF RECORD.--October 1989 to September 1990.

GAGE.--Water-stage recorder. Elevation of gage is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Sept. 25 - 27, which are poor.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 179 ft³/s, May 5, gage height, 3.99 ft; minimum daily, 7.0 ft³/s, July 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	25	32	48	31	30	33	22	16	11	10	17
2	47	26	30	40	31	30	29	19	15	14	10	14
3	34	28	30	44	30	45	28	18	18	12	16	13
4	29	28	28	43	31	37	27	20	22	11	14	12
5	27	27	34	42	31	33	26	100	17	9.4	11	12
6	26	27	34	49	27	31	25	85	14	8.4	10	11
7	25	28	36	47	19	29	27	41	14	7.0	19	10
8	22	29	72	56	19	29	25	34	34	7.4	15	10
9	23	30	62	41	27	30	24	31	46	9.9	15	9.9
10	23	29	46	36	30	34	25	44	38	21	75	17
11	22	29	39	34	30	33	34	38	33	15	31	14
12	22	29	40	33	28	31	26	31	25	11	21	13
13	22	29	50	32	27	29	26	29	21	21	18	12
14	23	30	43	32	27	28	25	27	19	34	17	14
15	25	34	41	31	27	27	25	25	18	28	15	16
16	25	36	37	37	33	27	24	25	23	21	14	13
17	25	34	34	35	46	35	23	24	23	24	14	12
18	28	34	33	33	34	39	22	25	19	35	13	10
19	36	44	37	33	49	31	20	22	17	30	13	9.7
20	29	37	37	30	40	32	21	21	15	32	12	10
21	26	32	35	37	34	31	21	23	13	27	12	10
22	24	30	33	36	34	28	19	21	13	38	83	11
23	24	39	32	32	38	27	19	19	14	35	33	12
24	24	34	30	30	34	27	18	18	13	26	22	9.9
25	24	32	31	36	32	27	17	17	11	22	18	9.4
26	23	32	31	45	30	26	16	17	11	27	16	9.5
27	22	31	31	34	30	27	15	16	9.9	19	16	9.6
28	22	32	32	32	31	26	20	18	9.2	15	15	10
29	23	34	31	33	---	27	37	19	9.9	14	14	11
30	23	33	31	36	---	32	27	17	8.7	13	13	11
31	24	---	36	32	---	39	---	17	---	11	20	---
TOTAL	806	942	1148	1159	880	957	724	883	559.7	609.1	625	353.0
MEAN	26.0	31.4	37.0	37.4	31.4	30.9	24.1	28.5	18.7	19.6	20.2	11.8
MAX	47	44	72	56	49	45	37	100	46	38	83	17
MIN	22	25	28	30	19	26	15	16	8.7	7.0	10	9.4

CAL YR 1989 TOTAL 6031.5 MEAN 26.6 MAX 126 MIN 3.6
WTR YR 1990 TOTAL 9645.8 MEAN 26.4 MAX 100 MIN 7.0

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 mi², 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).

GAGE.--Data collection platform. Datum of gage is 96.58 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark). 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 NGVD (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft NGVD (levels by 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: May 3, June 4, and Aug. 7, which are poor. Flow regulated by Thurmond Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

AVERAGE DISCHARGE.--83 years (water years 1884-91, 1897-1906, 1926-90), 9,989 ft³/s, 18.07 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 350,000 ft³/s, Oct. 3, 1929; maximum gage height, 46.3 ft, Sept. 27, 1929 (at site and datum then in use); minimum discharge, 648 ft³/s, Sept. 24, 1939, from rating curve extended below 1,400 ft³/s; minimum daily, 1.040 ft³/s, Oct. 2, 1927.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of January 17, 1796 reached a stage of about 40 ft (at site and datum of Fifth Street gage), marked by local residents; discharge approximately 360,000 ft³/s, by slope-conveyance study. Little information exists and the data are considered approximate. Data furnished by Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 35,300 ft³/s, Feb. 27, gage height, 20.69 ft; minimum daily, 4,010 ft³/s, Oct. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4390	7360	9430	5340	16300	26800	6710	7260	11600	5040	8460	12900
2	10200	8590	8150	9820	15800	23200	5940	8870	11000	5490	8620	7020
3	20100	9570	4750	11000	13500	22600	8020	7800	6890	6740	9040	7620
4	18200	8540	6690	10200	5610	24500	7280	6270	6100	5960	6300	8520
5	21500	4030	9570	11200	7740	23000	8310	5730	5490	6120	5230	8020
6	25300	4110	10100	9620	14700	24700	6400	6470	5600	8600	5220	9790
7	24500	7120	10700	6470	16000	25000	5660	8250	5320	6380	6280	14200
8	23900	7170	12200	7570	16200	24900	5020	9180	5310	4930	8160	11900
9	14800	6720	20200	12800	15900	24500	4520	8360	7640	6010	9470	7250
10	14800	6970	21400	10600	13900	24300	8700	7660	6360	8250	8930	6240
11	14100	5440	19200	8760	13900	24400	11400	7630	5910	8820	5700	5200
12	14000	4210	18500	7300	13700	25600	11500	11800	5250	8780	5200	5100
13	14200	4310	19600	7330	19100	25500	11200	7920	5020	7490	6170	5050
14	11900	4520	20700	4520	22500	25000	9620	7290	5850	5070	8700	5210
15	5840	4730	18600	5270	23200	24600	5880	10900	7280	5040	8490	5940
16	6510	6120	18400	12300	24600	24100	4600	15700	5240	5350	8520	5580
17	13400	6370	17900	13500	24900	20400	9210	16900	5070	5160	7260	5000
18	16400	4360	17400	13200	20700	28200	13900	17200	5620	8170	8440	4960
19	18400	4590	18400	13000	26900	31700	11500	17200	7100	7640	5330	4980
20	18000	5230	19600	10600	31600	30800	11200	17500	7990	5130	7620	5040
21	13700	4370	18200	5430	31900	31000	9070	16900	8180	5900	8110	6520
22	5200	4070	18000	6450	28800	31500	4580	17300	7590	5600	9570	6370
23	4780	4360	19700	11800	27000	31600	5130	17900	4930	6420	9670	4880
24	10900	4380	19200	12600	28700	31700	8810	18100	4890	8440	9350	5880
25	12300	4040	17200	12300	32500	31700	8320	17000	5870	7830	6770	6280
26	11800	4050	17600	11700	32700	31300	8860	15000	7300	7330	6090	6290
27	12700	5730	17400	12400	34600	20800	8170	6340	7160	6700	6440	6290
28	9970	6660	17200	7260	33000	17600	6110	5420	5500	5120	12500	6410
29	4680	11400	17200	10700	---	16900	5450	12000	5530	4850	14400	5390
30	4010	10200	13900	15900	---	16600	5700	13600	4920	6520	14600	4910
31	7000	---	6230	16900	---	13700	---	13400	---	8040	13900	---
TOTAL	407480	179320	483320	313840	605950	778200	236770	358850	193510	202920	258540	204740
MEAN	13140	5977	15590	10120	21640	25100	7892	11580	6450	6546	8340	6825
MAX	25300	11400	21400	16900	34600	31700	13900	18100	11600	8820	14600	14200
MIN	4010	4030	4750	4520	5610	13700	4520	5420	4890	4850	5200	4880
CAL YR 1989	TOTAL 2610800		MEAN 7153	MAX 25300		MIN 3800						
WTR YR 1990	TOTAL 4223440		MEAN 11570	MAX 34600		MIN 4010						

SAVANNAH RIVER BASIN

327

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1949 to September 1950, February 1968 to September 1972, July 1973 to September 1986, November 1989 to September 1990.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1973 to September 1986, November 1989 to September 1990.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 26.5°C, Aug. 14 - 17, 1981; minimum, 4.5°C Feb. 19, 20, 1979.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 26.0°C, Sept. 9; minimum, 7.5°C, Dec. 23, 24, Jan. 14.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1				---	---	---	14.0	13.5	14.0	9.0	8.5	9.0
2				---	---	---	14.0	13.5	14.0	9.0	8.0	8.5
3				---	---	---	13.5	13.0	13.0	8.5	7.5	8.0
4				---	---	---	13.0	11.0	12.5	9.0	8.5	9.0
5				---	---	---	12.5	10.5	11.5	9.0	8.5	9.0
6				---	---	---	13.5	12.5	13.0	9.0	8.5	9.0
7				---	---	---	14.0	13.0	13.5	9.5	9.0	9.0
8				---	---	---	14.0	12.5	13.5	9.5	9.0	9.5
9				---	---	---	12.5	10.5	11.5	9.5	9.0	9.5
10				---	---	---	11.0	10.0	11.0	9.5	9.0	9.0
11				---	---	---	11.5	10.0	11.0	9.5	9.0	9.0
12				---	---	---	12.5	11.5	12.0	9.5	9.0	9.0
13				---	---	---	12.0	10.5	11.5	9.0	8.0	8.5
14				---	---	---	11.0	10.5	10.5	8.0	7.5	8.0
15				17.5	17.5	17.5	11.0	10.5	11.0	8.5	8.0	8.0
16				18.0	17.5	17.5	11.5	10.0	11.0	9.0	8.0	8.5
17				17.5	16.0	16.5	10.5	9.5	10.5	9.0	8.5	9.0
18				16.0	15.0	15.5	10.5	9.5	10.0	9.0	9.0	9.0
19				15.0	14.5	15.0	10.5	9.5	10.0	9.0	9.0	9.0
20				14.5	14.5	14.5	10.5	9.5	10.0	9.5	9.0	9.5
21				15.0	14.5	14.5	10.0	9.0	9.5	10.5	9.5	9.5
22				15.0	14.5	14.5	9.5	8.5	9.5	10.5	9.5	10.0
23				15.0	14.5	14.5	9.0	7.5	8.5	10.0	9.5	9.5
24				14.5	13.5	14.0	8.0	7.5	8.0	10.0	9.5	9.5
25				13.5	13.0	13.5	8.5	8.0	8.0	10.0	9.5	9.5
26				14.0	13.5	14.0	8.5	8.0	8.0	10.0	9.0	9.5
27				15.0	14.0	14.5	8.5	8.0	8.5	9.0	8.0	8.5
28				16.0	15.0	15.5	9.0	8.0	8.5	10.0	9.0	9.5
29				16.0	15.0	16.0	8.5	8.0	8.5	10.0	9.0	9.5
30				15.0	14.0	14.5	8.5	8.0	8.5	9.5	9.0	9.0
31				---	---	---	9.0	8.5	9.0	9.5	9.0	9.5
MONTH				18.0	13.0	15.0	14.0	7.5	10.5	10.5	7.5	9.0

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	9.0	9.0	11.5	11.0	11.5	15.0	13.5	14.0	21.0	19.0	20.0
2	10.0	9.5	9.5	11.5	11.0	11.0	16.5	15.0	15.5	---	---	---
3	10.5	9.5	10.0	11.5	11.0	11.0	17.0	16.0	16.5	---	---	---
4	11.0	10.5	10.5	11.5	11.0	11.0	16.0	15.0	15.5	---	---	---
5	12.0	11.0	11.5	12.0	11.0	11.5	15.5	14.5	15.0	19.5	18.0	19.0
6	11.0	10.0	10.0	12.0	11.0	11.5	16.5	15.5	16.0	18.5	17.5	18.0
7	10.5	10.0	10.5	12.0	11.5	11.5	16.5	16.5	16.5	19.0	17.5	18.0
8	10.5	10.0	10.5	11.5	10.5	11.0	17.0	16.0	16.5	19.0	17.5	18.5
9	10.5	10.0	10.5	11.0	10.5	11.0	17.0	16.0	16.5	19.5	16.5	18.5
10	10.5	10.5	10.5	12.5	11.0	11.5	16.5	15.5	16.5	20.0	17.0	18.5
11	11.0	10.5	11.0	13.0	12.0	12.5	15.5	15.0	15.5	18.5	17.0	18.0
12	11.0	10.5	10.5	13.0	12.0	12.5	15.0	14.5	15.0	18.5	17.5	18.0
13	---	---	---	13.0	12.0	12.5	15.5	15.0	15.5	19.0	17.5	18.5
14	---	---	---	13.0	12.0	12.5	15.5	15.0	15.5	20.0	18.5	19.0
15	11.0	10.0	10.5	13.0	12.5	13.0	16.5	15.0	15.5	20.0	18.0	19.0
16	11.0	11.0	11.0	13.5	12.5	13.0	18.0	16.0	17.0	18.5	17.0	17.5
17	12.0	10.5	11.0	13.5	12.0	12.5	19.0	16.5	18.0	18.0	16.5	17.0
18	12.5	10.5	11.5	13.5	12.0	13.0	17.0	15.0	15.5	17.5	16.5	17.0
19	11.0	10.0	10.5	13.5	12.5	13.0	15.0	14.5	15.0	18.0	16.5	17.0
20	11.0	10.5	11.0	13.0	12.0	12.5	15.0	14.5	15.0	18.0	16.5	17.5
21	11.0	10.5	10.5	13.0	12.0	12.5	16.0	15.0	15.5	18.5	17.0	17.5
22	11.5	10.5	11.0	13.0	12.0	12.5	17.0	15.5	16.5	19.0	17.0	17.5
23	11.5	11.0	11.0	13.5	12.5	13.0	19.0	16.5	17.5	19.0	17.0	18.0
24	11.5	10.5	11.0	13.5	12.5	13.0	19.0	17.5	18.5	19.0	17.0	17.5
25	11.5	10.5	11.0	13.5	12.5	13.0	19.0	17.0	17.5	18.5	17.0	17.5
26	11.0	10.5	10.5	13.5	13.0	13.0	19.0	16.5	17.5	19.0	17.5	18.0
27	11.5	10.5	11.0	14.0	13.0	13.5	19.0	17.0	18.0	20.5	18.0	19.0
28	11.5	10.5	11.0	14.0	13.0	13.5	18.5	17.0	17.5	21.5	19.5	21.0
29	---	---	---	13.5	13.0	13.0	18.5	18.0	18.0	22.0	18.0	19.5
30	---	---	---	13.0	12.5	13.0	19.0	18.0	18.5	19.0	18.0	18.0
31	---	---	---	13.5	13.0	13.0	---	---	---	20.0	18.0	19.0
MONTH	12.5	9.0	10.5	14.0	10.5	12.5	19.0	13.5	16.5	22.0	16.5	18.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	19.5	18.0	19.0	24.5	23.0	24.0	23.0	21.5	22.5	22.5	22.0	22.0
2	19.0	18.0	18.5	24.5	24.0	24.5	22.5	21.0	22.0	24.5	22.0	23.0
3	---	---	---	24.5	23.0	24.0	22.5	21.0	21.5	25.5	23.5	24.5
4	---	---	---	23.5	21.5	22.5	23.0	21.0	22.0	25.0	23.5	24.5
5	---	---	---	23.5	22.5	23.0	23.5	23.0	23.0	24.0	23.0	23.5
6	22.5	21.5	22.0	23.5	22.0	23.0	24.5	23.0	24.0	24.0	22.5	23.0
7	23.0	21.5	22.5	23.0	21.0	22.0	24.5	23.5	24.0	23.0	22.0	22.5
8	23.0	22.0	22.5	23.5	23.0	23.0	23.5	22.0	22.5	23.0	22.5	22.5
9	22.5	21.5	22.0	24.5	23.0	24.0	22.0	21.0	21.5	26.0	22.5	23.5
10	22.0	21.0	21.0	25.0	23.5	24.5	22.5	21.0	21.5	---	---	---
11	22.5	21.5	22.0	23.0	21.5	22.5	23.0	21.5	22.0	---	---	---
12	23.5	22.5	23.0	23.0	21.5	22.5	24.5	23.0	23.5	25.5	24.5	25.0
13	24.0	22.5	23.0	23.0	21.5	22.5	25.0	23.0	24.0	25.5	24.5	25.0
14	23.5	22.0	22.5	23.0	22.0	22.5	25.0	23.0	24.5	25.0	24.0	25.0
15	23.0	21.0	22.0	23.0	22.0	22.5	23.5	22.0	23.0	24.5	24.0	24.0
16	22.5	20.5	21.5	23.0	22.5	22.5	23.0	21.5	22.5	24.0	23.5	23.5
17	23.0	21.0	22.0	24.5	22.5	23.5	23.0	21.5	22.0	24.0	23.5	24.0
18	23.0	22.0	22.5	24.0	22.5	23.5	22.5	21.5	22.0	24.5	23.5	24.0
19	23.5	22.5	23.0	22.5	21.0	21.5	23.0	22.0	22.5	24.0	23.5	23.5
20	23.0	21.0	22.0	21.5	21.0	21.0	24.0	23.0	24.0	24.0	23.5	23.5
21	22.5	20.0	21.5	22.5	21.0	22.0	24.5	23.0	24.0	24.5	23.5	24.0
22	22.5	20.5	21.5	23.0	22.0	22.5	23.5	22.0	22.5	24.0	23.5	23.5
23	22.5	21.5	21.5	23.5	22.5	23.0	22.5	21.5	22.0	24.0	23.5	24.0
24	23.0	21.5	22.5	24.0	22.5	23.5	23.5	21.5	22.5	23.5	23.0	23.5
25	23.0	22.5	22.5	23.5	21.5	22.5	24.5	22.0	23.5	23.0	22.0	22.5
26	23.0	22.0	22.5	23.0	22.0	22.5	---	---	---	22.5	21.5	22.0
27	23.0	20.5	21.5	23.0	22.0	22.5	25.0	22.5	23.5	23.0	22.0	22.0
28	22.5	21.5	22.0	23.5	22.5	23.0	25.0	22.0	23.5	23.0	22.5	22.5
29	23.5	22.0	23.0	24.5	22.5	23.5	23.0	21.5	22.0	23.0	22.5	23.0
30	24.5	23.0	23.5	24.5	23.5	24.0	23.0	22.0	22.0	23.0	22.5	22.5
31	---	---	---	24.5	23.5	24.0	22.5	21.5	22.0	---	---	---
MONTH	24.5	18.0	22.0	25.0	21.0	23.0	25.0	21.0	22.5	26.0	21.5	23.5
YEAR	26.0	7.5	16.5									

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC
(Hydrologic bench-mark station and radiochemical program station)

LOCATION.--Lat 33°22'14'', long 81°37'43'', Aiken County, Hydrologic Unit 03060106, at upstream side of Treadway bridge on SRS Road 8-1, 1.0 mi downstream from US highway 278, 0.2 mi east of SRS Road F-1, 5.0 mi southeast of New Ellenton.

DRAINAGE AREA.--98.7 mi² (revised).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Data collection platform. Elevation of gage is 165 ft above National Geodetic Vertical Datum of 1929 (from topographic map). June 10, 1966 to Sept. 30, 1989 at site 1.0 mi upstream at datum 10 ft higher.

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

AVERAGE DISCHARGE.--24 years, 103 ft³/s, 14.17 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 472 ft³/s, June 13, 1973, gage height, 8.37 ft; minimum, 49 ft³/s, July 22, Aug. 19, 22, 23, 1983; minimum gage height, 4.80 ft, Oct. 6, 7, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 250 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
July 26	1200	* 202	* 6.79				

Minimum discharge, 57 ft³/s, July 2, 3, 5 -8, minimum gage height, 5.03 ft, June 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	79	80	104	79	75	83	72	68	60	68	80
2	155	81	80	87	79	75	78	70	68	59	68	73
3	102	88	79	83	79	77	76	69	69	60	75	70
4	88	82	79	82	80	75	75	68	70	60	71	69
5	83	80	79	81	80	73	74	73	66	59	68	68
6	81	80	79	94	78	73	74	75	65	59	67	68
7	80	80	83	98	78	72	74	71	65	59	89	67
8	79	81	130	114	77	72	73	69	67	59	78	66
9	78	83	137	94	77	75	72	70	70	60	75	67
10	77	81	110	87	77	79	72	91	68	60	72	66
11	77	80	95	84	78	75	78	76	71	61	70	65
12	77	79	93	82	76	73	74	71	66	62	68	65
13	77	79	114	80	74	73	72	70	65	98	67	64
14	77	79	104	80	74	73	72	69	64	89	67	66
15	82	95	93	80	74	73	73	68	65	75	67	69
16	80	119	92	79	81	73	72	67	71	69	66	65
17	80	95	88	79	98	83	71	66	67	69	67	63
18	101	86	86	79	81	90	70	66	65	86	68	62
19	106	83	91	79	101	78	70	67	63	92	68	62
20	85	82	93	79	90	75	71	65	62	77	66	62
21	82	81	87	86	80	74	70	70	61	72	66	62
22	79	80	84	83	81	73	70	66	62	85	111	62
23	79	99	82	79	84	72	70	63	76	79	91	62
24	78	90	81	79	79	72	69	62	67	74	77	61
25	78	84	81	84	76	72	68	78	64	72	76	61
26	77	83	81	108	75	72	68	66	63	160	78	61
27	77	82	81	86	75	72	68	65	62	90	90	60
28	77	82	80	82	75	72	70	80	62	76	97	60
29	77	83	79	81	---	85	93	93	61	72	77	61
30	77	81	79	85	---	99	76	72	61	70	72	63
31	79	---	86	81	---	93	---	69	---	69	98	---
TOTAL	2615	2537	2786	2659	2236	2368	2196	2197	1974	2292	2338	1950
MEAN	84.4	84.6	89.9	85.8	79.9	76.4	73.2	70.9	65.8	73.9	75.4	65.0
MAX	155	119	137	114	101	99	93	93	76	160	111	80
MIN	77	79	79	79	74	72	68	62	61	59	66	60

WTR YR 1990 TOTAL 28148 MEAN 77.1 MAX 160 MIN 59

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1966 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	OXYGEN, DIS- SOLVED (MG/L)	HARD- NESS TOTAL (MG/L AS CACO3)	PH (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TUR- BID- ITY (NTU)
DEC												
28...	0830	80	761	10.0	210	240	10.0	89	3	5.6	15	1.1
FEB												
23...	1700	83	751	16.5	80	180	8.8	91	3	5.7	14	1.8
APR												
10...	1245	72	764	17.0	140	320	9.1	94	3	5.9	10	1.0
SEP												
18...	1400	63	763	19.0	210	320	8.8	95	2	5.9	13	1.1

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SULFATE DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
DEC												
28...	0.52	0.33	0.40	1.5	51	0.4	2	2.3	<0.10	<1.0	7.5	13
FEB												
23...	0.50	0.34	0.30	1.5	52	0.4	2	2.0	0.30	<1.0	6.9	2
APR												
10...	0.49	0.31	0.20	1.5	54	0.4	2	3.0	<0.10	1.1	6.2	9
SEP												
18...	0.43	0.29	0.30	1.7	58	0.5	2	2.2	0.10	<1.0	7.6	14

DATE	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)
DEC											
28...	--	--	--	<0.010	0.270	0.010	0.01	0.020	--	<0.20	<0.010
FEB											
23...	--	--	--	<0.010	0.240	0.010	0.01	0.020	--	<0.20	<0.010
APR											
10...	15	0.01	1.75	<0.010	0.200	<0.010	--	0.030	0.47	0.50	<0.010
SEP											
18...	--	--	--	<0.010	0.200	0.010	0.01	0.030	--	<0.20	<0.010

DATE	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)
DEC											
28...	<0.010	<0.010	40	<1	26	<0.5	<1.0	1	<3	<10	76
FEB											
23...	<0.010	0.010	60	<1	22	<0.5	<1.0	<5	<3	<10	96
APR											
10...	<0.010	0.010	50	<1	29	0.6	<1.0	<1	<3	<1	120
SEP											
18...	<0.010	<0.010	20	<1	18	<0.5	<1.0	1	<3	1	76

SAVANNAH RIVER BASIN

331

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DATE	PHOS- PHORUS DIS- SOLVED (UG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)
DEC 28...	<0.010	<0.010	40	<1	26	<0.5	<1.0	1	<3	<10	76
FEB 23...	<0.010	0.010	60	<1	22	<0.5	<1.0	<5	<3	<10	96
APR 10...	<0.010	0.010	50	<1	29	0.6	<1.0	<1	<3	<1	120
SEP 18...	<0.010	<0.010	20	<1	18	<0.5	<1.0	1	<3	1	76

DATE	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)
DEC 28...	<10	1	0.22	<4	7	100	<0.1	<10	<10	<1	<1.0
FEB 23...	<10	4	0.90	<4	7	96	<0.1	<10	<10	<1	<1.0
APR 10...	<1	3	0.58	<4	5	90	<0.1	<10	1	<1	<1.0
SEP 18...	<1	2	0.34	<4	6	100	<0.1	<10	<1	<1	<1.0

DATE	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)
DEC 28...	4	0.02	<6	14	5.7	0.9	1.2	1.1	0.5	0.4	1.1
FEB 23...	5	--	<6	7	--	--	--	--	--	--	--
APR 10...	3	--	<6	<3	--	--	--	--	--	--	--
SEP 18...	2	--	<6	11	--	--	--	--	--	--	--

NOTE: "K" denotes a bacteria count outside ideal limits.
">" denotes a value greater than that listed.
"<" denotes a value less than that listed.

SAVANNAH RIVER BASIN

021973026 A-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°20'42'', long 81°44'02'', Aiken County, Hydrologic Unit 03060106, 40 ft southeast of Road 1-A, 100 ft southeast of the southeast corner of the Savannah River Site Laboratory (Area-A), at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Oct. 1, 18, Nov. 15, 16, Dec. 8, 12, 31, Jan. 6, 25, Feb. 16, Mar. 17, Apr. 28, May 5, 9, 21, 28, July 13, 25, Aug. 10, 22, 26, 30, 31, which are poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 25, 1990, gage height, 1.86 ft; no flow for part of Oct. 9, 13, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 25, gage height, 1.86 ft; minimum daily, .06 ft³/s, Aug. 28, Sept. 1 - 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.80	.12	.38	.41	.37	.47	.21	.47	.17	.20	.12	.06
2	.14	.33	.42	.37	.34	.53	.20	.50	.16	.20	.25	.06
3	.11	.12	.42	.37	.28	.47	.21	.53	.30	.19	.14	.06
4	.15	.11	.50	.37	.28	.41	.30	.52	.23	.18	.11	.07
5	.20	.11	.49	.39	.32	.37	.45	.56	.16	.19	.11	.08
6	.15	.09	.50	1.0	.38	.33	.37	.48	.14	.20	.17	.08
7	.10	.10	1.1	1.2	.37	.29	.26	.52	.14	.20	.14	.08
8	.09	.08	1.2	.36	.39	.32	.28	.54	.24	.49	.26	.11
9	.12	.08	.92	.32	.37	.40	.32	.65	.12	.28	.12	.08
10	.16	.08	.49	.35	.46	.30	.39	.51	.34	.17	.20	.08
11	.14	.08	.73	.30	.41	.28	.36	.50	.58	.16	.15	.07
12	.10	.07	1.0	.36	.40	.25	.40	.48	.62	.14	.10	.08
13	.11	.07	.38	.38	.44	.29	.37	.51	.66	.36	.11	.18
14	.10	.07	.27	.39	.40	.25	.33	.54	.63	.17	.13	.11
15	.13	.30	.38	.38	.26	.25	.32	.50	.80	.08	.15	.07
16	.08	.28	.38	.40	.51	.28	.28	.52	.60	.07	.10	.08
17	.25	.28	.44	.40	.44	.42	.28	.61	.52	.09	.10	.08
18	.20	.25	.50	.37	.74	.23	.27	.56	.54	.14	.12	.09
19	.16	.23	.74	.42	.57	.27	.27	.48	.43	.08	.14	.09
20	.08	.28	.37	.37	.38	.27	.25	.48	.37	.08	.09	.09
21	.09	.27	.34	.69	.38	.32	.27	.56	.53	.08	.09	.09
22	.09	.38	.35	.36	.56	.27	.31	.41	.80	.09	1.8	.07
23	.13	.77	.18	.37	.40	.27	.27	.39	.58	.09	.09	.14
24	.10	.60	.25	.37	.40	.29	.29	.46	.34	.07	.17	.09
25	.14	.59	.42	1.1	.45	.27	.31	.48	.23	1.5	.08	.08
26	.12	.42	.09	.29	.47	.27	.39	.31	.17	.11	.18	.10
27	.13	.38	.21	.21	.47	.29	.49	.21	.22	.11	.11	.07
28	.10	.48	.28	.40	.47	.27	.51	.21	.24	.11	.06	.09
29	.11	.37	.30	.43	---	.79	.40	.14	.23	.11	.07	.07
30	.12	.37	.31	.37	---	.43	.44	.19	.22	.11	.21	.11
31	.11	---	.86	.37	---	.23	---	.21	---	.14	.18	---
TOTAL	4.61	7.76	15.20	13.87	11.71	10.38	9.80	14.03	11.31	6.19	5.85	2.61
MEAN	.15	.26	.49	.45	.42	.33	.33	.45	.38	.20	.19	.087
MAX	.80	.77	1.2	1.2	.74	.79	.51	.65	.80	1.5	1.8	.18
MIN	.08	.07	.09	.21	.26	.23	.20	.14	.12	.07	.06	.06
CAL YR 1989	TOTAL	92.91	MEAN	.25	MAX	1.8	MIN	.03				
WTR YR 1990	TOTAL	113.32	MEAN	.31	MAX	1.8	MIN	.06				

SAVANNAH RIVER BASIN

333

021973028 A-011 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°20'10'', long 81°43'53'', Aiken County, Hydrologic Unit 03060106, on left downstream culvert wingwall, 1000 ft northeast of Road D, and 0.5 mi southeast of Rd 1-A, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 370 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except estimated daily discharges: July 3 to Aug. 1, which are poor and those above 7.8 ft³/s, which are undefined. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 25, 1990, gage height, 2.55 ft; minimum daily, less than 0.01 ft³/s Mar. 5, 1985, July 27, Aug. 29, 31, Sept. 20-26, Nov. 29, 1986, Apr. 30, 1988, Oct. 13, Feb. 8, 11, 13, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 25, gage height, 2.55 ft; minimum daily, less than 0.01 ft³/s, Oct. 13, Feb. 8, 11, 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	.05	.04	.15	.03	.03	.05	.06	.04	.06	.06	.04
2	.07	.25	.04	.05	.03	.03	.05	.07	.03	.06	.11	.04
3	.04	.04	.04	.05	.03	.05	.05	.06	.05	.08	.05	.04
4	.04	.03	.04	.05	.07	.03	.05	.10	.04	.05	.05	.04
5	.03	.02	.04	.05	.02	.03	.05	.26	.04	.04	.04	.04
6	.02	.02	.05	.49	.02	.03	.07	.05	.04	.04	.05	.04
7	.02	.03	.71	.89	.01	.03	.06	.05	.04	.04	.04	.04
8	.02	.04	1.3	.16	.01	.03	.03	.05	.04	.08	.23	.11
9	.02	.04	.61	.08	.05	.14	.03	.20	.04	.07	.04	.04
10	.01	.03	.06	.03	.08	.03	.11	.33	.06	.06	.41	.04
11	.01	.03	.04	.03	.01	.03	.04	.02	.04	.04	.04	.04
12	.02	.02	.48	.03	.03	.04	.03	.04	.05	.04	.04	.04
13	.01	.03	.10	.05	.01	.03	.03	.04	.04	.06	.04	.04
14	.04	.03	.04	.04	.01	.03	.03	.05	.04	.04	.04	.12
15	.06	.58	.04	.03	.02	.20	.03	.05	.16	.03	.04	.04
16	.03	.53	.04	.03	1.0	.03	.03	.08	.04	.04	.05	.03
17	.05	.02	.05	.03	.05	.50	.03	.11	.04	.04	.04	.03
18	.68	.02	.07	.68	.43	.03	.23	.06	.05	.05	.04	.04
19	.03	.02	.35	.08	.36	.03	.03	.05	.09	.04	.04	.04
20	.03	.02	.06	.97	.05	.03	.04	.05	.10	.04	.04	.04
21	.03	.02	.05	.40	.04	.03	.04	.12	.10	.04	.43	.04
22	.04	.08	.05	.07	.24	.03	.03	.03	.14	.04	2.4	.04
23	.02	.36	.05	.22	.04	.03	.03	.06	.07	.05	.05	.04
24	.02	.04	.05	.22	.02	.03	.04	.05	.05	.06	.05	.04
25	.02	.04	.05	.93	.01	.03	.04	.04	.06	1.8	.04	.05
26	.04	.03	.05	.61	.03	.03	.04	.03	.06	.04	.45	.05
27	.04	.03	.05	.24	.03	.06	.04	.05	.06	.04	.06	.06
28	.04	.17	.05	.03	.03	.03	.34	.93	.07	.05	.04	.04
29	.04	.03	.05	.09	---	.38	.06	.03	.06	.04	.05	.03
30	.04	.03	.05	.03	---	.28	.05	.03	.06	.04	.38	.06
31	.05	---	.57	.03	---	.11	---	.03	---	.04	.33	---
TOTAL	3.21	2.68	5.27	6.84	2.76	2.42	1.78	3.18	1.80	3.24	5.77	1.38
MEAN	.10	.089	.17	.22	.099	.078	.059	.10	.060	.10	.19	.046
MAX	1.6	.58	1.3	.97	1.0	.50	.34	.93	.16	1.8	2.4	.12
MIN	.01	.02	.04	.03	.01	.03	.03	.02	.03	.03	.04	.03

CAL YR 1989 TOTAL 60.76 MEAN .17 MAX 2.8 MIN .01
WTR YR 1990 TOTAL 40.33 MEAN .11 MAX 2.4 MIN .01

SAVANNAH RIVER BASIN

02197309 TIMS BRANCH AT ROAD C AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'12'', long 81°41'45'', Aiken County, Hydrologic Unit 03060106, on right upstream end of metal culvert, 30 ft northeast of SRS Road C and 300 ft northwest of Upper Three Runs Creek, at Savannah River Site.

DRAINAGE AREA.--17.5 mi².

PERIOD OF RECORD.--March 1974 to November 1982, May 1984 to current year.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 140 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Oct. 1, 3 - 5, Dec. 18, 25, Aug. 7, which are poor. Flow regulated by Savannah River Site operations 5 mi upstream.

AVERAGE DISCHARGE.-- 14 years, 5.49 ft³/s, 4.26 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 91 ft³/s, Aug. 22, 1990, gage height, 5.27 ft; minimum daily, 1.0 ft³/s, September 27, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 91 ft³/s, Aug. 22, gage height, 5.27 ft; minimum daily, 2.0 ft³/s, Sept. 27 - 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	3.0	4.6	7.0	4.5	4.4	5.8	3.3	3.0	2.6	2.6	3.5
2	21	3.4	4.0	5.0	4.4	7.3	4.7	3.2	3.0	2.5	3.6	3.2
3	5.8	4.2	3.7	4.6	4.4	5.0	4.2	3.2	3.0	2.5	4.9	2.9
4	5.0	3.4	3.5	8.8	4.7	4.5	3.9	3.2	3.0	2.5	4.0	2.7
5	4.4	3.1	3.4	6.0	4.6	4.2	3.9	5.0	2.9	2.4	2.8	2.6
6	4.3	3.2	3.4	7.0	4.4	4.1	3.9	5.3	2.9	2.4	2.6	2.6
7	4.0	3.4	4.2	7.7	4.4	4.1	3.9	3.6	2.9	2.4	2.7	2.6
8	3.7	3.4	13	11	4.4	4.1	3.8	3.3	2.9	2.4	2.8	2.6
9	3.5	3.5	14	7.6	4.7	4.6	3.6	3.4	2.9	2.4	3.7	2.6
10	3.3	3.4	9.6	6.1	6.5	4.7	3.8	5.8	2.9	2.4	3.8	2.6
11	3.3	3.3	6.8	5.4	5.7	4.2	4.6	3.6	2.9	2.4	3.8	2.6
12	3.2	2.9	6.5	5.0	4.8	4.0	3.7	3.2	2.8	2.4	2.7	2.6
13	3.2	2.8	8.5	4.6	4.5	3.9	3.6	3.2	4.4	2.9	2.6	2.6
14	3.2	2.8	6.3	4.4	4.4	3.6	3.6	3.2	3.1	4.4	2.6	2.7
15	3.5	4.8	5.1	4.5	4.2	4.0	3.6	3.2	2.9	2.7	2.6	2.9
16	3.2	9.6	4.9	4.6	6.2	4.6	3.4	3.2	3.0	2.4	2.6	2.6
17	3.1	5.5	4.5	4.6	8.6	6.3	3.3	3.1	2.9	2.6	2.6	2.5
18	3.9	4.5	4.9	4.8	6.1	7.0	3.3	3.1	2.8	3.2	2.6	2.4
19	6.5	3.9	5.5	4.2	10	5.5	8.8	3.1	2.8	3.4	2.6	2.4
20	4.2	3.4	6.2	4.2	7.1	5.0	6.8	3.1	2.7	2.7	2.6	2.3
21	3.7	3.0	5.3	6.2	5.6	4.7	4.2	3.1	2.7	2.5	2.5	2.3
22	3.4	3.0	4.9	4.7	5.6	4.5	3.4	3.1	2.7	3.5	57	2.2
23	3.2	5.6	4.6	4.3	6.5	4.1	3.3	3.1	2.7	2.8	17	2.2
24	3.1	4.6	4.2	4.7	5.3	4.0	3.3	3.0	2.7	2.3	8.3	2.1
25	3.1	3.7	4.2	5.8	4.6	3.8	3.2	3.0	2.7	4.5	6.6	2.1
26	3.1	3.6	4.2	8.3	4.6	3.7	3.2	3.0	2.7	13	4.5	2.1
27	3.0	3.6	4.0	5.5	4.6	3.7	3.2	3.0	2.7	11	6.1	2.0
28	3.0	3.7	4.0	4.6	4.4	3.7	3.8	3.5	2.6	5.9	4.9	2.0
29	3.0	10	4.0	4.2	---	5.3	5.7	5.2	2.6	4.1	3.9	2.0
30	3.0	6.5	4.0	5.0	---	6.4	3.7	3.0	2.6	2.9	3.0	2.0
31	3.1	---	5.0	4.6	---	8.2	---	3.0	---	2.6	4.1	---
TOTAL	132.2	124.8	171.0	175.0	149.8	147.2	123.2	107.3	86.4	108.7	178.7	74.5
MEAN	4.26	4.16	5.52	5.65	5.35	4.75	4.11	3.46	2.88	3.51	5.76	2.48
MAX	21	10	14	11	10	8.2	8.8	5.8	4.4	13	57	3.5
MIN	3.0	2.8	3.4	4.2	4.2	3.6	3.2	3.0	2.6	2.3	2.5	2.0

CAL YR 1989 TOTAL 1822.2 MEAN 4.99 MAX 29 MIN 2.5
WTR YR 1990 TOTAL 1578.8 MEAN 4.33 MAX 57 MIN 2.0

SAVANNAH RIVER BASIN

335

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'08'', long 81°41'40'', Aiken County, Hydrologic Unit 03060106, on right bank, 100 ft upstream of SRS Road C, 2.0 mi east of SRS Road 2, at Savannah River Site.

DRAINAGE AREA.--176 mi².

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection Platform. Elevation of gage is 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Oct. 3, 4, 9, 19 - 24, Aug. 23 - 30, which are poor.

AVERAGE DISCHARGE.--16 years, 195 ft³/s, 15.05 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 962 ft³/s, Feb. 6, 1985, gage height, 6.25 ft; minimum daily, 85 ft³/s, July 8 - 12, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 869 ft³/s, Aug. 22, gage height, 6.08 ft; minimum daily, 85 ft³/s, July 11 - 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	182	138	155	245	161	152	203	134	116	95	105	172
2	541	145	151	223	159	155	171	125	114	93	110	133
3	522	180	149	184	161	160	156	120	118	91	127	120
4	300	169	148	177	172	158	147	119	121	90	118	114
5	150	152	149	170	182	151	144	145	116	89	108	110
6	139	147	148	200	164	148	142	187	111	88	104	108
7	134	147	159	244	161	146	143	145	109	87	118	105
8	131	148	308	316	158	146	142	129	112	86	143	103
9	130	158	463	274	154	152	140	125	125	86	150	102
10	130	163	418	205	158	180	139	177	117	86	139	102
11	131	150	256	183	167	167	149	170	120	85	121	101
12	130	146	214	174	156	154	147	135	122	85	110	101
13	130	144	263	165	150	149	139	128	115	113	104	101
14	131	143	242	162	147	147	138	125	109	153	103	103
15	138	188	204	161	146	146	139	120	109	129	103	112
16	143	300	184	160	175	146	138	118	145	113	103	105
17	139	285	173	160	280	174	135	116	130	109	102	101
18	151	190	174	159	223	247	133	117	116	137	101	100
19	185	165	191	158	262	196	135	114	109	186	101	99
20	190	155	214	160	254	164	135	113	107	147	101	98
21	162	151	195	183	193	151	131	115	106	122	99	99
22	147	148	178	193	182	147	130	120	103	136	696	98
23	136	205	168	171	208	146	130	114	106	135	380	97
24	133	218	163	161	187	143	127	111	110	119	290	96
25	138	179	163	168	166	142	124	113	105	153	153	96
26	136	166	165	243	156	141	123	117	102	462	130	96
27	135	163	165	225	154	141	121	110	102	246	131	94
28	135	161	162	183	153	140	123	118	99	137	137	93
29	134	179	160	171	---	160	167	162	98	121	140	93
30	135	164	158	178	---	222	153	137	97	113	143	94
31	137	---	175	171	---	226	---	121	---	108	257	---
TOTAL	5355	5147	6215	5927	4989	4997	4244	4000	3369	4000	4827	3146
MEAN	173	172	200	191	178	161	141	129	112	129	156	105
MAX	541	300	463	316	280	247	203	187	145	462	696	172
MIN	130	138	148	158	146	140	121	110	97	85	99	93

WTR YR 1990 TOTAL 56216 MEAN 154 MAX 696 MIN 85

SAVANNAH RIVER BASIN

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'20'', long 81°44'42'', Aiken County, Hydrologic Unit 03060106, near right bank, on downstream side of bridge at SRS Road A, 2.0 mi south of SRS Road 2, at Savannah River Plant.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--June 1974 to January 1978, October 1978 to current year.

GAGE.--Data collection platform. Elevation of gage is 90 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Oct. 2 - 4, Nov. 22 - 26, which are poor.

AVERAGE DISCHARGE.--15 years, 235 ft³/s, 15.72 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,230 ft³/s, May 29, 1976, gage height, 6.76 ft; minimum daily, 83 ft³/s, July 7, 8, 11, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 572 ft³/s, Aug. 22, gage height, 5.15 ft; minimum daily, 83 ft³/s, July 7, 8, 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	181	163	197	268	194	234	148	129	113	90	118	253
2	475	173	192	282	191	183	179	117	110	88	117	178
3	520	208	189	232	191	142	184	110	113	86	158	153
4	291	213	188	216	202	157	172	110	118	87	144	140
5	202	193	185	210	221	163	165	124	113	87	128	134
6	184	185	185	224	197	170	161	204	107	85	118	130
7	185	181	189	273	188	173	160	164	103	83	128	126
8	197	181	272	320	186	172	159	135	107	83	167	120
9	193	189	383	335	182	165	156	130	122	84	180	117
10	156	201	390	264	182	145	153	173	122	84	184	117
11	151	188	364	223	193	149	153	195	120	83	155	114
12	149	179	269	211	186	160	149	148	124	85	134	110
13	149	174	302	204	176	163	146	133	119	108	122	109
14	149	173	310	199	173	161	142	129	109	186	119	112
15	165	195	266	199	174	162	139	121	106	166	118	127
16	174	290	236	196	204	165	136	115	149	135	116	124
17	166	331	223	194	311	158	132	111	148	120	116	111
18	184	270	217	194	299	162	129	113	126	146	116	105
19	245	209	226	194	279	158	127	111	113	226	115	103
20	243	196	256	194	293	163	126	109	105	202	113	101
21	199	189	247	207	267	178	124	110	101	155	109	100
22	180	186	225	229	268	179	122	117	97	149	416	100
23	171	245	212	208	264	183	120	112	102	187	532	99
24	166	260	206	196	221	185	118	109	117	149	344	97
25	162	195	205	196	184	187	113	107	102	146	198	95
26	158	190	205	252	193	187	112	119	98	299	171	95
27	155	199	204	276	208	178	111	105	97	356	180	95
28	154	201	201	223	224	166	111	113	95	196	191	93
29	153	214	199	204	---	187	149	153	95	147	196	93
30	154	208	197	205	---	152	155	155	94	134	165	93
31	159	---	203	205	---	139	---	121	---	125	235	---
TOTAL	6170	6179	7343	7033	6051	5226	4251	4002	3345	4357	5403	3544
MEAN	199	206	237	227	216	169	142	129	111	141	174	118
MAX	520	331	390	335	311	234	184	204	149	356	532	253
MIN	149	163	185	194	173	139	111	105	94	83	109	93

CAL YR 1989 TOTAL 70689 MEAN 194 MAX 583 MIN 93
WTR YR 1990 TOTAL 62904 MEAN 172 MAX 532 MIN 83

SAVANNAH RIVER BASIN

337

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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to current year, discharge below 22,000 ft³/s only.

GAGE.--Water-stage recorder. Datum of gage is 77.0 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: Sept. 24 - 30, which are poor. 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), by 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, the daily mean discharge is not shown for Feb. 17 - Mar. 17, Mar. 19 - 28.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Apr. 11, 1983, gage height, 21.57 ft; minimum daily, 3,220 ft³/s, Dec. 9, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Feb. 28, gage height, 19.61 ft; minimum daily, 4,880 ft³/s, July 16.

REVISIONS.--The discharge of 90,000 ft³/s, Apr. 10, 1983, has been revised to a missing value.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5920	8180	11000	8900	17500	---	15100	6760	13100	5000	8090	14300
2	7900	9040	9980	9060	17700	---	9570	8610	12700	5080	8540	10700
3	15200	10300	7600	12300	17500	---	9030	9090	9830	6010	8930	7740
4	18300	10500	5850	12200	12900	---	8560	8030	6800	6110	8150	8110
5	18700	7550	9320	12100	7720	---	9130	6420	6220	5710	5660	8210
6	19900	5280	10400	12200	12900	---	8600	6600	5820	7320	5420	8880
7	21000	6320	11500	9650	16100	---	6850	7190	5700	7600	6870	11900
8	21700	8080	12200	8180	17000	---	6310	9410	5500	5460	8170	13400
9	21500	8160	16200	11400	17400	---	5530	9130	6770	5180	8910	10100
10	19500	7330	18900	13700	17400	---	7040	8490	7010	6780	9450	6990
11	18200	7960	20100	11500	16200	---	10600	8170	6540	7920	7560	5800
12	17200	5630	20200	9650	16100	---	12200	9990	5830	8250	5560	5370
13	16700	5130	20200	8350	16300	---	12300	10700	5340	7840	5400	5230
14	16200	5370	20400	7300	18600	---	11500	7870	5340	5990	7520	5230
15	11400	5900	20600	5720	20200	---	9050	8940	6910	4960	8450	5600
16	7640	6360	20300	8780	21300	---	5770	13000	6440	4880	8520	5850
17	11500	7240	19900	14100	---	---	6970	15600	5400	5000	8140	5310
18	15300	6690	19600	14800	---	21600	12500	16600	5430	6040	8340	5070
19	17400	5480	19200	14600	---	---	13300	17000	6230	7760	6080	5050
20	18500	5440	19500	14200	---	---	12400	17300	7490	6410	5960	5030
21	18500	5910	19900	9820	---	---	11500	17600	8000	5500	7890	5450
22	13700	5210	19800	6350	---	---	7450	17500	8210	5840	8860	6950
23	7590	5140	19800	10700	---	---	5320	17700	6360	5790	10400	5340
24	8970	5400	20000	13200	---	---	7560	17900	5270	7710	10100	5500
25	13000	5200	20000	14000	---	---	8500	18000	5380	8580	8780	6200
26	13400	5020	19600	13600	---	---	9060	17700	6710	7870	6320	6600
27	13700	5270	19400	13900	---	---	9360	14100	7310	7500	6090	6800
28	13900	7270	19200	12400	---	---	7650	8290	6100	6360	9730	6700
29	8790	9670	19100	9040	---	20600	6520	9490	5580	5190	12900	6300
30	5550	11700	18800	14300	---	19600	6060	13100	5200	5220	13900	5700
31	6030	---	14800	16700	---	18900	---	14100	---	7560	14400	---
TOTAL	442790	207730	523350	352700	---	---	271290	370380	204520	198420	259090	215410
MEAN	14280	6924	16880	11380	---	---	9043	11950	6817	6401	8358	7180
MAX	21700	11700	20600	16700	---	---	15100	18000	13100	8580	14400	14300
MIN	5550	5020	5850	5720	7720	18900	5320	6420	5200	4880	5400	5030

WTR YR 1990 TOTAL 3389200 MEAN 10400 MAX 21700 MIN 4880

SAVANNAH RIVER BASIN

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 28.5°C, Aug. 23, 1989; minimum, 4.5°C, Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 27.5°C, July 30, 31; minimum, 7.0°C, Dec. 24, 25.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	21.5	22.0	20.0	19.5	20.0	15.0	14.0	14.5	11.0	10.5	11.0
2	23.0	22.5	22.5	20.0	19.5	20.0	14.5	14.0	14.0	10.5	9.5	10.0
3	22.5	22.0	22.5	19.5	18.5	19.0	14.0	13.0	13.5	10.0	9.0	9.5
4	22.5	22.0	22.5	18.5	18.0	18.5	13.0	12.0	12.5	10.5	9.5	10.0
5	22.5	21.5	22.0	18.5	18.0	18.0	13.0	11.5	12.0	10.5	10.5	10.5
6	22.0	21.0	21.5	18.5	18.0	18.0	13.5	11.5	12.5	11.0	10.5	10.5
7	22.0	21.5	21.5	19.0	18.5	18.5	14.0	13.5	14.0	11.0	11.0	11.0
8	22.0	21.5	22.0	19.0	19.0	19.0	14.5	14.0	14.0	11.5	11.0	11.0
9	21.5	20.5	21.0	20.0	19.0	19.5	14.0	12.5	13.0	11.0	10.5	11.0
10	20.5	20.5	20.5	19.5	18.5	19.0	12.5	11.0	11.5	11.0	10.5	10.5
11	21.0	20.0	20.5	19.0	18.0	18.5	11.0	10.5	11.0	10.5	10.0	10.5
12	21.5	20.5	21.0	18.5	17.5	18.0	12.0	11.0	11.5	11.0	10.0	10.5
13	21.5	21.0	21.5	18.5	18.0	18.0	12.5	11.5	12.0	10.0	9.5	10.0
14	21.5	21.0	21.5	18.5	18.0	18.0	12.0	10.5	11.0	9.5	9.0	9.5
15	21.5	20.5	21.0	18.5	18.0	18.5	11.0	10.0	10.5	10.0	9.0	9.5
16	22.0	21.5	21.5	18.5	17.5	18.5	11.0	11.0	11.0	10.0	9.5	9.5
17	23.0	22.0	22.5	17.5	16.5	17.0	11.0	10.0	10.5	10.5	9.0	10.0
18	22.5	22.0	22.0	16.5	15.5	16.0	10.5	9.5	10.0	11.0	10.0	10.5
19	22.0	20.5	21.5	15.5	15.0	15.0	10.5	10.0	10.0	11.0	10.5	11.0
20	20.5	19.0	20.0	15.5	14.5	15.0	10.5	10.0	10.0	11.5	10.5	11.0
21	19.0	17.5	18.0	15.5	15.0	15.5	10.0	9.5	10.0	12.5	11.5	12.0
22	17.5	17.0	17.5	15.0	14.5	15.0	9.5	9.0	9.5	12.5	11.5	12.0
23	18.5	17.5	18.0	14.5	14.0	14.5	9.0	8.0	8.5	11.5	11.0	11.5
24	18.5	18.0	18.5	14.0	13.5	14.0	8.0	7.0	7.5	11.5	10.5	11.0
25	19.5	18.5	19.0	13.5	13.0	13.5	8.0	7.0	7.5	11.5	11.0	11.0
26	19.0	19.0	19.0	15.0	13.5	14.5	8.5	7.5	8.0	11.5	11.0	11.0
27	19.5	19.0	19.0	16.0	15.0	15.0	8.5	8.0	8.5	11.0	10.0	10.5
28	19.5	19.0	19.5	17.0	16.0	16.0	9.0	8.5	9.0	10.5	9.5	10.0
29	19.5	18.5	19.0	17.0	16.5	17.0	9.0	9.0	9.0	11.0	10.5	11.0
30	20.0	19.5	19.5	16.5	15.0	16.0	9.5	9.0	9.0	11.0	10.5	11.0
31	20.5	20.0	20.0	---	---	---	10.5	9.0	9.5	11.0	10.0	10.5
MONTH	23.0	17.0	20.5	20.0	13.0	17.0	15.0	7.0	11.0	12.5	9.0	10.5

339

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.0	10.0	10.5	13.0	12.0	12.5	16.5	14.5	15.5	22.0	20.5	21.5
2	11.5	10.5	11.0	13.0	12.0	12.5	17.5	16.5	17.0	23.0	21.5	22.0
3	12.5	11.5	12.0	13.0	12.5	13.0	18.0	17.0	17.5	22.5	21.0	21.5
4	14.0	12.5	13.5	13.0	12.5	13.0	17.5	17.0	17.5	22.5	21.0	21.5
5	13.5	12.5	13.0	13.5	13.0	13.0	17.0	16.0	16.5	21.5	21.0	21.0
6	13.0	12.0	12.5	13.5	13.5	13.5	18.0	16.5	17.0	21.5	20.0	20.5
7	12.0	11.5	11.5	13.5	13.5	13.5	18.5	17.5	18.0	20.0	19.5	20.0
8	12.0	11.5	12.0	13.5	12.0	13.0	18.0	17.0	17.5	20.5	19.5	20.0
9	12.5	11.5	12.0	12.0	12.0	12.0	18.0	17.0	17.5	20.5	19.0	20.0
10	12.5	12.0	12.5	13.5	12.0	12.5	18.5	17.5	18.0	20.5	19.0	20.0
11	12.5	12.0	12.5	14.5	13.5	14.0	18.5	17.0	18.0	20.0	19.0	19.5
12	12.5	12.0	12.5	15.0	14.5	15.0	17.0	16.5	16.5	20.5	19.5	20.0
13	12.5	12.0	12.0	15.5	15.0	15.5	16.5	16.0	16.5	20.5	20.0	20.0
14	12.0	11.0	11.5	15.5	15.0	15.5	16.5	16.5	16.5	21.5	20.0	21.0
15	12.5	11.5	12.0	15.5	15.5	15.5	17.5	16.5	17.0	22.5	21.0	21.5
16	13.5	12.5	13.0	16.0	15.5	15.5	19.0	17.0	18.0	21.5	20.0	20.5
17	13.5	13.5	13.5	16.0	15.5	16.0	20.0	18.5	19.0	20.0	19.0	19.5
18	13.5	13.0	13.5	15.5	15.0	15.0	20.5	17.5	19.0	19.5	18.5	19.0
19	13.0	12.0	12.5	15.0	15.0	15.0	17.5	16.0	16.5	19.5	18.5	19.0
20	13.0	12.0	12.5	15.0	14.5	14.5	16.5	16.0	16.5	20.0	19.0	19.5
21	12.5	12.0	12.0	14.0	13.5	14.0	17.5	16.0	16.5	20.5	19.0	19.5
22	13.0	12.0	12.5	14.5	13.5	14.0	18.5	17.5	18.0	20.5	19.5	20.0
23	13.0	13.0	13.0	15.0	14.5	14.5	19.5	18.0	19.0	20.5	19.0	19.5
24	13.0	12.5	12.5	15.5	15.0	15.0	20.5	19.0	20.0	20.5	19.5	20.0
25	12.5	11.5	12.0	15.5	15.0	15.5	20.5	20.0	20.5	20.0	19.0	19.5
26	11.5	11.0	11.0	15.5	15.5	15.5	20.5	19.0	20.0	20.5	19.5	20.0
27	11.5	10.5	11.0	15.5	15.0	15.0	20.5	19.5	20.0	21.5	20.5	21.0
28	12.5	11.5	12.0	15.0	15.0	15.0	20.0	19.5	20.0	22.0	21.0	21.5
29	---	---	---	15.0	15.0	15.0	20.0	19.0	19.5	23.5	22.0	22.5
30	---	---	---	14.5	14.0	14.5	21.0	20.0	20.5	23.0	20.0	21.0
31	---	---	---	14.5	14.0	14.5	---	---	---	21.5	20.0	20.5
MONTH	14.0	10.0	12.0	16.0	12.0	14.5	21.0	14.5	18.0	23.5	18.5	20.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	21.0	20.5	20.5	27.0	25.5	26.5	27.0	25.0	26.5	24.0	23.5	24.0
2	21.0	20.0	20.5	27.0	26.0	26.5	25.5	24.5	25.0	24.5	24.0	24.0
3	21.0	20.5	21.0	27.0	26.0	26.5	25.0	24.0	24.5	26.0	24.5	25.0
4	22.0	20.5	21.5	26.5	25.5	26.0	25.0	24.0	24.5	27.0	25.0	26.0
5	23.0	22.0	22.5	26.0	24.5	25.0	26.0	25.0	25.5	26.0	25.0	25.5
6	24.5	23.0	24.0	26.0	24.5	25.5	27.0	26.5	26.5	25.5	24.5	25.0
7	25.0	24.0	24.5	25.5	24.5	25.0	27.0	26.5	27.0	24.5	24.0	24.5
8	25.5	24.5	24.5	26.0	24.5	25.0	27.0	25.5	26.5	24.5	23.5	24.0
9	25.0	24.0	24.5	26.5	26.0	26.0	25.5	24.5	25.0	24.5	24.0	24.5
10	25.5	24.0	25.0	27.0	26.0	26.5	25.0	24.0	24.5	26.0	24.5	25.0
11	24.5	23.5	24.0	27.0	25.0	26.0	26.0	24.5	25.0	26.0	25.0	25.5
12	25.0	24.0	24.5	25.0	24.5	24.5	26.5	25.0	25.5	26.5	25.5	26.5
13	25.5	24.5	25.0	25.0	24.5	24.5	27.0	26.0	26.5	27.0	26.0	26.5
14	26.0	25.0	25.5	25.0	24.0	24.5	27.0	26.5	26.5	26.5	25.5	26.0
15	25.5	24.5	25.0	25.0	24.0	24.5	27.0	25.5	26.5	26.0	25.0	25.5
16	25.0	23.5	24.5	25.5	24.5	25.0	26.0	24.5	25.5	25.5	24.5	25.0
17	24.5	24.0	24.0	26.0	25.0	25.5	25.0	24.5	25.0	24.5	24.0	24.5
18	25.5	24.0	25.0	25.5	25.5	25.5	25.0	24.0	24.5	24.5	24.0	24.0
19	25.5	25.0	25.0	---	---	---	26.0	24.5	25.0	24.5	24.0	24.0
20	26.0	24.5	25.0	25.0	22.0	24.0	26.0	25.0	25.5	24.5	24.0	24.0
21	25.0	23.5	24.5	25.5	24.5	25.0	26.5	26.0	26.5	25.0	24.5	24.5
22	25.0	23.5	24.0	25.5	25.0	25.5	26.0	24.0	25.5	25.0	24.5	24.5
23	25.0	23.5	24.5	26.0	25.5	25.5	24.5	24.0	24.5	24.5	24.0	24.0
24	24.5	24.0	24.5	26.5	26.0	26.5	24.5	24.0	24.5	---	---	---
25	25.5	24.0	24.5	26.5	25.0	26.0	25.5	24.5	25.0	---	---	---
26	25.5	24.5	25.0	26.5	25.0	26.0	26.5	25.0	25.5	---	---	---
27	25.5	24.5	25.0	26.0	25.0	25.5	26.5	26.0	26.0	---	---	---
28	25.5	23.5	24.5	26.0	25.0	25.5	27.0	26.0	26.5	---	---	---
29	25.0	24.5	25.0	26.5	26.0	26.0	26.5	24.0	25.0	---	---	---
30	26.0	25.0	25.5	27.5	26.0	27.0	24.0	23.0	24.0	---	---	---
31	---	---	---	27.5	26.5	27.0	24.0	23.0	23.5	---	---	---
MONTH	26.0	20.0	24.0	27.5	22.0	25.5	27.0	23.0	25.5	27.0	23.5	25.0
YEAR	27.5	7.0	18.5									

SAVANNAH RIVER BASIN

02197321 X-004 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'37'', long 81°45'38'', Aiken County, Hydrologic Unit 03060106, on right downstream headwall of culvert, 100 ft southwest of TNX-Area, 800 ft upstream from mouth, 1500 ft west of SRS Road A-4.7 (River Road), at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Feb. 16, June 2 - July 31, Aug. 8, 31. Records poor. Flow regulated by Savannah River Site Operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Apr. 6, 1988, gage height, 1.73 ft; minimum daily, less than 0.01 ft³/s, Dec. 24, 1983, Nov. 20, 29, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 8, gage height, 1.59 ft; minimum daily, 0.03 ft³/s, Dec. 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.08	.06	.11	.09	.07	.07	.07	.08	.07	.06	.08
2	.07	.08	.06	.10	.09	.08	.07	.08	.08	.07	.06	.07
3	.07	.07	.07	.10	.08	.07	.07	.07	.07	.06	.07	.06
4	.07	.07	.09	.10	.09	.06	.06	.08	.07	.06	.09	.06
5	.07	.07	.09	.10	.09	.07	.06	.08	.08	.06	.09	.05
6	.07	.07	.09	.11	.09	.08	.06	.08	.08	.07	.09	.05
7	.07	.07	.10	.12	.09	.08	.08	.08	.08	.07	.10	.05
8	.07	.07	.12	.10	.09	.08	.08	.08	.07	.08	.12	.05
9	.07	.07	.10	.09	.09	.08	.08	.08	.07	.08	.08	.05
10	.08	.07	.09	.09	.09	.08	.08	.08	.07	.08	.08	.05
11	.08	.07	.09	.09	.09	.08	.08	.08	.07	.08	.08	.05
12	.07	.07	.10	.10	.09	.07	.08	.08	.08	.08	.08	.05
13	.07	.08	.09	.10	.09	.06	.08	.08	.07	.08	.07	.05
14	.07	.08	.04	.10	.08	.06	.08	.08	.07	.07	.06	.06
15	.08	.09	.03	.10	.07	.07	.08	.08	.08	.07	.06	.05
16	.08	.08	.09	.10	.12	.07	.08	.08	.08	.07	.06	.05
17	.08	.08	.09	.10	.07	.08	.08	.08	.08	.07	.06	.05
18	.09	.08	.09	.10	.08	.07	.07	.08	.08	.09	.06	.05
19	.08	.08	.12	.10	.06	.06	.06	.08	.08	.08	.07	.05
20	.07	.08	.10	.10	.07	.07	.06	.08	.08	.07	.08	.05
21	.07	.08	.10	.11	.07	.07	.06	.08	.06	.08	.08	.05
22	.07	.06	.10	.09	.08	.07	.06	.08	.07	.08	.08	.05
23	.07	.08	.10	.09	.08	.08	.07	.08	.07	.07	.12	.05
24	.07	.08	.10	.10	.08	.08	.08	.08	.07	.08	.08	.05
25	.07	.08	.10	.12	.07	.08	.08	.08	.07	.09	.08	.05
26	.07	.08	.10	.11	.07	.08	.08	.08	.08	.08	.08	.04
27	.07	.08	.10	.10	.07	.08	.08	.08	.08	.07	.08	.06
28	.07	.08	.10	.10	.07	.08	.08	.08	.07	.07	.08	.04
29	.07	.07	.07	.11	---	.09	.08	.08	.07	.06	.08	.04
30	.07	.06	.09	.09	---	.08	.08	.08	.08	.06	.08	.05
31	.08	---	.11	.09	---	.07	---	.08	---	.06	.08	---
TOTAL	2.27	2.26	2.78	3.12	2.30	2.30	2.21	2.46	2.24	2.26	2.44	1.56
MEAN	.073	.075	.090	.10	.082	.074	.074	.079	.075	.073	.079	.052
MAX	.09	.09	.12	.12	.12	.09	.08	.08	.08	.09	.12	.08
MIN	.07	.06	.03	.09	.06	.06	.06	.07	.06	.06	.06	.04

CAL YR 1989 TOTAL 31.82 MEAN .087 MAX .32 MIN .03
WTR YR 1990 TOTAL 28.20 MEAN .077 MAX .12 MIN .03

341

LOCATION.--Lat 33°12'12". long 81°44'38", Barnwell County, Hydrologic Unit 03060106, on downstream side of footbridge, 100 ft west of D-Area, 1.0 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

GAGE.--Data collection platform. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 1, 1989, gage height, 5.17 ft; minimum daily, 0.54 ft³/s, Sept. 4, 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 5.17 ft; minimum daily, 1.4 ft³/s, July 30. Aug. 11.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.9	3.3	2.9	2.9	2.7	2.4	2.0	2.2	2.6	1.7	1.5	2.3
2	5.1	3.2	2.8	2.7	2.7	2.4	2.0	2.2	2.6	1.7	1.5	2.3
3	4.5	2.9	2.8	2.7	2.6	2.4	2.0	2.2	2.7	1.7	1.5	2.3
4	4.3	2.9	2.8	2.7	2.7	2.4	2.0	2.3	2.7	1.7	1.5	2.3
5	4.2	2.9	2.8	2.7	2.6	2.4	2.0	2.4	2.7	1.6	1.5	2.3
6	4.2	2.6	2.8	2.9	2.6	2.4	2.0	2.3	2.7	1.6	1.7	2.3
7	4.2	2.7	3.0	3.7	2.6	2.5	2.0	2.3	2.7	1.8	2.7	2.3
8	4.2	2.8	5.8	3.1	2.6	2.4	2.0	2.3	4.1	1.6	1.7	2.3
9	4.2	3.2	4.2	2.9	2.6	2.5	2.1	2.4	2.8	1.6	1.5	2.4
10	4.2	2.9	2.9	2.8	2.6	2.5	2.1	2.5	2.7	1.6	1.7	2.4
11	4.2	2.8	2.9	2.8	2.6	2.5	2.1	2.4	2.7	1.6	1.4	2.4
12	4.1	2.8	3.5	2.8	2.6	2.4	2.1	2.4	2.6	1.6	1.5	2.4
13	4.1	2.8	3.0	2.8	2.6	2.4	2.1	2.4	2.6	2.6	1.8	2.3
14	4.1	2.9	2.8	2.7	2.6	2.4	2.1	2.5	2.6	1.6	2.0	2.3
15	3.8	3.7	2.8	2.7	2.5	2.3	2.1	2.5	2.8	1.6	2.0	2.3
16	3.5	3.4	2.8	2.7	3.5	2.3	2.1	2.5	2.8	1.5	2.0	2.3
17	3.6	2.9	2.8	2.7	2.6	2.7	2.2	2.6	2.5	1.5	2.1	2.2
18	3.7	2.9	2.7	2.7	2.9	2.3	2.2	2.5	2.5	2.5	2.1	2.2
19	3.5	2.8	3.1	2.7	2.8	2.3	2.2	2.5	2.4	1.6	2.1	2.2
20	3.5	2.9	2.8	2.7	2.5	2.3	2.2	2.4	2.4	1.5	2.1	2.3
21	3.5	2.9	2.7	2.8	2.5	2.2	2.2	2.4	2.5	1.5	2.1	2.4
22	3.5	2.8	2.7	2.7	2.6	2.2	2.2	2.5	2.5	1.6	4.2	2.4
23	3.4	3.3	2.7	2.7	2.5	2.2	2.2	2.5	2.4	1.5	2.3	2.4
24	3.4	2.9	2.7	2.7	2.5	2.1	2.1	2.5	2.3	1.6	2.2	2.4
25	3.4	2.8	2.7	2.9	2.5	2.1	2.1	2.5	2.3	3.0	2.1	2.4
26	3.4	2.8	2.7	2.8	2.5	2.1	2.2	2.5	2.4	1.7	2.1	2.4
27	3.4	2.8	2.7	2.7	2.4	2.1	2.2	2.5	2.1	1.5	2.1	2.2
28	3.4	3.1	2.7	2.7	2.4	2.1	2.6	2.5	1.7	1.5	2.2	1.8
29	3.3	2.9	2.7	2.8	---	2.2	2.2	2.5	1.7	1.5	2.2	1.7
30	3.3	2.9	2.7	2.7	---	2.2	2.2	2.4	1.7	1.4	3.5	1.7
31	3.3	---	3.0	2.7	---	2.1	---	2.5	---	1.5	2.6	---
TOTAL	120.4	88.5	92.0	86.6	73.4	71.8	63.8	75.1	75.8	52.5	63.5	67.9
MEAN	3.88	2.95	2.97	2.79	2.62	2.32	2.13	2.42	2.53	1.69	2.05	2.26
MAX	5.9	3.7	5.8	3.7	3.5	2.7	2.6	2.6	4.1	3.0	4.2	2.4
MIN	3.3	2.6	2.7	2.7	2.4	2.1	2.0	2.2	1.7	1.4	1.4	1.7

CAL YR 1989	TOTAL 822.8	MEAN 2.25	MAX 5.9	MIN 1.1
WTR YR 1990	TOTAL 931.3	MEAN 2.55	MAX 5.9	MIN 1.4

SAVANNAH RIVER BASIN

02197323 D-006 AT SAVANNAH RIVER SITE, SC--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: September 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 21, 1990; minimum, 7.5°C, Dec. 24, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 21; minimum, 7.5°C, Dec. 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.0	23.5	23.5	21.5	20.0	21.0	15.5	13.5	14.5	12.0	10.0	11.0
2	25.0	23.5	24.5	21.0	20.0	20.5	14.5	13.5	14.0	10.5	9.5	10.0
3	25.5	23.5	24.5	20.0	18.5	19.5	14.0	12.5	13.0	10.5	9.5	10.0
4	25.0	23.0	24.0	20.0	18.0	19.0	12.5	11.5	12.0	11.5	10.0	10.5
5	24.5	22.5	23.5	20.0	18.0	19.0	13.0	11.5	12.0	11.5	11.0	11.0
6	24.0	22.5	23.5	20.5	19.0	19.5	13.5	11.0	12.5	12.0	11.0	11.5
7	24.5	22.0	23.5	21.0	19.5	20.5	14.5	13.5	14.0	12.0	11.0	11.5
8	24.0	22.0	23.0	21.0	20.0	20.5	14.0	10.5	13.0	12.0	11.0	11.5
9	22.0	21.0	21.5	21.0	19.5	20.5	13.0	9.0	12.0	12.5	11.0	11.5
10	22.5	20.5	21.0	20.5	18.0	19.5	12.0	11.0	11.5	12.5	10.5	11.5
11	23.0	20.5	21.5	20.0	18.5	19.0	12.0	11.0	11.5	12.0	10.5	11.0
12	23.5	21.0	22.5	20.0	18.0	19.0	12.5	11.0	12.0	11.5	10.0	11.0
13	24.0	22.0	23.0	20.0	18.0	19.0	12.0	11.0	12.0	10.5	9.5	10.0
14	23.5	22.5	23.0	20.0	17.5	18.5	11.5	10.5	11.0	10.5	9.0	9.5
15	24.0	22.0	23.0	21.0	18.5	20.0	11.5	10.0	11.0	11.5	9.0	10.0
16	23.5	22.0	23.0	21.0	18.0	20.0	11.5	10.5	11.0	11.5	9.5	10.5
17	25.0	22.0	23.5	18.5	16.5	17.5	11.0	10.0	10.5	11.5	10.0	11.0
18	24.5	23.0	24.0	17.5	16.0	17.0	10.5	10.0	10.5	12.5	10.5	11.5
19	23.5	20.5	22.0	16.5	15.5	16.0	10.5	8.5	10.0	13.0	11.0	12.0
20	20.0	18.5	19.5	17.0	15.0	16.0	10.5	10.0	10.5	12.5	11.5	12.0
21	19.5	18.0	18.5	17.5	16.0	17.0	10.5	9.5	10.0	13.5	12.0	13.0
22	19.5	17.5	18.5	17.0	14.0	16.0	9.5	9.0	9.5	13.0	11.5	12.5
23	20.5	18.5	19.5	15.5	12.5	15.0	9.0	8.0	8.5	13.0	11.5	12.0
24	20.5	18.5	19.5	15.0	14.0	14.5	8.5	7.5	8.0	12.0	11.0	11.5
25	22.0	19.0	20.5	15.0	13.5	14.5	8.5	8.0	8.0	14.0	12.0	12.5
26	22.0	19.5	21.0	16.5	15.0	15.5	9.5	8.0	8.5	12.0	10.5	11.5
27	22.5	21.0	21.5	17.0	15.5	16.5	9.5	8.5	9.0	11.5	10.0	11.0
28	22.5	20.5	21.0	18.5	16.5	17.5	10.0	9.0	9.5	12.0	10.0	11.0
29	21.5	19.5	20.5	17.5	16.0	16.5	10.0	8.5	9.5	14.0	11.5	12.5
30	22.0	20.5	21.5	16.0	14.5	15.5	11.0	9.5	10.0	13.0	11.0	12.0
31	22.0	20.5	21.5	---	---	---	12.0	10.0	10.5	13.0	11.0	12.0
MONTH	25.5	17.5	22.0	21.5	12.5	18.0	15.5	7.5	11.0	14.0	9.0	11.5

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.5	10.5	11.5	14.5	12.5	13.5	18.5	16.0	17.0	25.0	23.0	24.0
2	13.5	12.5	12.5	14.5	13.5	14.0	19.0	17.0	18.5	27.0	23.5	25.5
3	14.0	12.0	13.0	14.5	13.0	14.0	19.5	17.5	18.5	26.0	24.0	25.0
4	16.0	13.0	14.0	14.5	13.0	13.5	20.0	17.0	18.5	26.5	23.0	25.0
5	14.5	13.0	13.5	15.5	13.0	14.0	19.5	16.5	18.5	25.0	24.0	24.5
6	15.0	12.5	13.5	16.0	13.5	14.5	20.0	18.0	19.0	24.5	23.0	24.0
7	14.5	12.5	13.5	15.0	13.5	14.0	20.5	18.5	19.5	25.5	22.5	23.5
8	14.0	12.0	13.0	13.5	13.0	13.5	20.5	18.0	19.0	24.5	22.0	23.0
9	14.5	13.0	13.5	14.0	13.5	13.5	20.0	18.0	19.0	24.5	22.5	23.5
10	14.0	13.5	13.5	16.0	13.5	14.5	20.0	19.0	19.5	24.5	22.0	23.0
11	14.0	12.5	13.0	17.0	14.5	15.5	20.0	17.5	19.0	23.5	20.5	22.0
12	14.0	12.0	13.0	18.0	15.5	16.5	18.5	16.5	17.5	23.5	21.0	22.0
13	15.0	12.0	13.5	18.0	16.0	17.0	18.0	16.0	17.0	23.0	21.0	22.0
14	14.5	12.0	13.0	18.5	16.0	17.5	18.0	16.5	17.0	24.5	21.0	23.0
15	15.0	12.5	13.5	18.0	16.5	17.0	19.0	17.5	18.5	25.5	23.5	24.5
16	18.0	13.5	15.0	18.0	16.5	17.5	21.0	18.0	19.5	24.5	22.5	23.5
17	15.0	13.5	14.5	18.5	16.5	17.0	22.0	19.0	20.5	23.5	21.5	22.5
18	13.5	12.0	13.0	18.0	15.5	16.5	20.5	18.5	20.0	23.0	20.5	21.5
19	13.5	12.5	13.0	18.0	15.5	16.5	18.5	17.5	18.0	22.5	20.5	21.5
20	14.5	12.5	13.0	17.0	15.5	16.0	18.5	17.5	18.0	23.0	21.5	22.5
21	14.0	12.5	13.0	18.0	14.5	16.5	19.5	17.5	18.5	23.5	21.5	22.5
22	15.0	13.0	14.0	18.0	15.5	16.5	20.5	18.5	19.5	23.5	21.5	22.5
23	15.0	13.0	14.0	19.0	16.0	17.5	21.0	19.0	20.0	23.5	21.0	22.5
24	14.0	12.5	13.0	18.5	16.5	17.5	22.0	19.5	21.0	23.5	21.0	22.5
25	13.5	12.0	12.5	19.0	17.0	17.5	23.0	21.0	21.5	23.5	21.5	22.5
26	13.0	11.0	12.0	18.5	16.5	17.5	23.5	21.0	22.0	23.5	21.5	22.5
27	13.0	11.0	12.0	17.5	16.5	17.0	23.5	20.5	22.0	24.0	22.5	23.5
28	14.0	12.0	13.0	17.5	16.0	16.5	22.5	19.0	22.0	25.0	23.5	24.0
29	---	---	---	17.0	16.0	17.0	22.5	20.5	21.5	25.5	24.0	25.0
30	---	---	---	16.0	15.5	16.0	25.5	21.0	23.0	24.0	21.5	23.5
31	---	---	---	17.0	15.0	16.0	---	---	---	23.5	21.5	22.5
MONTH	18.0	10.5	13.0	19.0	12.5	16.0	25.5	16.0	19.5	27.0	20.5	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	24.0	22.0	23.0	28.5	25.5	27.0	29.0	26.5	27.5	25.5	24.5	25.0
2	24.0	23.0	23.0	28.0	26.0	27.0	27.5	25.5	26.5	26.0	24.5	25.0
3	24.0	23.0	23.0	27.5	26.0	27.0	27.0	25.0	26.0	27.0	24.5	26.0
4	24.5	23.0	23.5	27.5	25.5	26.5	27.0	24.5	25.5	27.5	26.0	26.5
5	25.5	23.5	24.5	27.0	26.0	26.5	27.5	25.5	26.5	27.5	25.5	26.5
6	27.0	24.0	25.5	27.5	25.5	26.5	29.0	26.0	27.0	27.5	25.5	26.5
7	28.5	25.0	26.0	27.5	25.5	26.5	28.5	25.0	27.0	27.5	25.5	26.5
8	27.0	24.5	25.5	27.5	25.5	26.0	28.5	27.0	27.5	26.5	25.0	26.0
9	26.5	25.0	25.5	29.0	26.5	27.5	27.5	25.5	26.5	27.0	25.5	26.5
10	26.5	25.0	25.5	29.0	26.5	27.5	27.5	24.5	26.0	28.0	26.0	27.0
11	25.0	24.5	25.0	28.5	26.5	27.5	28.0	25.0	26.5	28.5	26.5	27.5
12	25.5	23.5	24.5	27.5	25.5	26.5	28.0	25.5	27.0	29.0	27.0	28.0
13	26.5	24.0	25.0	27.5	25.0	26.0	29.5	27.0	28.0	29.0	27.0	28.0
14	27.0	24.5	26.0	26.5	25.0	26.0	29.0	27.5	28.0	28.0	26.0	26.5
15	27.0	25.5	26.0	27.0	25.5	26.0	29.5	27.0	28.0	27.5	25.5	26.5
16	26.0	25.5	25.5	27.5	25.5	26.0	29.0	26.5	27.5	27.0	25.0	26.0
17	27.0	25.0	26.0	27.0	25.5	26.0	28.0	26.5	27.0	26.0	24.0	25.0
18	27.5	24.5	26.5	26.5	24.0	25.5	28.0	26.0	27.0	26.0	24.0	25.0
19	28.0	26.0	27.0	26.0	24.5	25.5	28.0	26.5	27.0	26.5	24.0	25.0
20	27.5	26.5	27.0	26.5	23.5	25.0	28.0	25.5	27.0	27.0	25.0	26.0
21	27.5	26.0	27.0	27.5	25.5	26.0	31.0	28.0	29.5	27.5	25.5	26.5
22	27.5	26.0	26.5	27.5	25.5	26.0	29.0	23.5	27.0	27.0	26.0	26.5
23	27.0	25.5	26.5	27.5	26.0	27.0	28.0	26.0	27.0	26.0	24.0	25.0
24	27.0	25.0	26.0	28.0	26.5	27.5	28.5	26.0	27.0	25.0	23.0	24.0
25	27.5	25.0	26.0	28.5	25.0	27.0	29.0	26.5	27.5	24.5	22.5	23.5
26	26.0	24.5	25.0	27.5	25.5	26.5	29.5	27.5	28.5	24.0	22.0	23.0
27	26.0	24.5	25.5	27.5	25.5	26.5	30.5	26.5	28.5	24.5	22.5	23.5
28	26.0	24.0	25.0	27.5	26.0	26.5	29.5	26.5	27.5	24.5	23.5	24.0
29	27.0	25.0	25.5	28.5	26.0	27.0	27.5	25.5	27.0	24.5	23.0	23.5
30	27.5	25.0	26.0	29.5	26.5	28.0	25.5	23.5	25.0	25.5	24.5	25.0
31	---	---	---	29.5	27.5	28.0	25.5	24.0	24.5	---	---	---
MONTH	28.5	22.0	25.5	29.5	23.5	26.5	31.0	23.5	27.0	29.0	22.0	25.5
YEAR	31.0	7.5	20.0									

SAVANNAH RIVER BASIN

02197324 D-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'07'', long 81°44'34'', Barnwell County, Hydrologic Unit 03060106, at downstream end of pipe culvert, 60 ft southwest of D-Area, 1.1 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical datum of 1929, (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 1, June 8, July 13 - 31, Aug. 1, 7, 22, 30. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 1, 1989, gage height 4.95 ft; no flow several days in June and July 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 4.95 ft; minimum daily, 0.02 ft³/s, Aug. 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.09	.08	.05	.04	.03	.03	.03	.03	.04	.06	.05	.03
2	.09	.08	.05	.04	.03	.03	.03	.03	.05	.06	.05	.03
3	.09	.08	.05	.04	.03	.03	.03	.03	.05	.06	.06	.03
4	.09	.07	.05	.04	.03	.03	.03	.03	.05	.06	.06	.03
5	.09	.07	.05	.04	.03	.03	.03	.03	.05	.06	.06	.03
6	.09	.07	.05	.04	.03	.03	.03	.03	.05	.06	.06	.03
7	.09	.07	.05	.05	.03	.03	.03	.03	.05	.06	.05	.03
8	.09	.07	.08	.04	.03	.03	.03	.03	.06	.05	.03	.03
9	.09	.07	.06	.04	.03	.03	.03	.04	.05	.05	.03	.03
10	.09	.07	.05	.04	.03	.03	.03	.03	.05	.05	.03	.03
11	.09	.07	.05	.04	.03	.03	.03	.03	.05	.05	.02	.03
12	.09	.06	.05	.03	.03	.03	.03	.03	.05	.05	.03	.03
13	.09	.06	.04	.03	.03	.03	.03	.03	.05	.06	.03	.03
14	.09	.06	.04	.03	.03	.03	.03	.03	.05	.06	.03	.03
15	.10	.07	.04	.03	.03	.03	.03	.03	.07	.06	.03	.03
16	.08	.07	.04	.03	.05	.03	.03	.04	.05	.06	.03	.03
17	.10	.06	.04	.03	.03	.04	.03	.04	.05	.06	.03	.03
18	.10	.06	.04	.04	.04	.03	.03	.04	.04	.06	.03	.03
19	.09	.06	.05	.03	.03	.03	.03	.04	.04	.06	.03	.03
20	.09	.06	.04	.03	.03	.03	.03	.04	.05	.06	.03	.03
21	.09	.06	.04	.03	.03	.03	.03	.04	.05	.06	.03	.04
22	.09	.06	.04	.03	.03	.03	.03	.04	.05	.06	.12	.04
23	.10	.07	.04	.03	.03	.03	.03	.04	.05	.06	.03	.04
24	.10	.06	.04	.03	.03	.03	.03	.04	.05	.06	.03	.05
25	.11	.06	.04	.04	.03	.03	.03	.04	.05	.05	.03	.05
26	.11	.05	.04	.03	.03	.03	.03	.04	.05	.05	.03	.05
27	.11	.05	.04	.03	.03	.03	.04	.04	.05	.05	.03	.05
28	.10	.06	.04	.03	.03	.03	.04	.05	.05	.05	.03	.06
29	.10	.05	.04	.03	---	.04	.03	.04	.06	.05	.03	.07
30	.10	.05	.04	.03	---	.03	.03	.04	.06	.05	.04	.07
31	.09	---	.05	.03	---	.03	---	.04	---	.05	.03	---
TOTAL	2.92	1.93	1.42	1.07	0.87	0.95	0.92	1.11	1.52	1.74	1.20	1.12
MEAN	.094	.064	.046	.035	.031	.031	.031	.036	.051	.056	.039	.037
MAX	.11	.08	.08	.05	.05	.04	.04	.05	.07	.06	.12	.07
MIN	.08	.05	.04	.03	.03	.03	.03	.03	.04	.05	.02	.03

WTR YR 1990 TOTAL 16.77 MEAN .046 MAX .12 MIN .02

SAVANNAH RIVER BASIN

345

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'12'', long 81°45'05'', Barnwell County, Hydrologic Unit 03060106, on downstream side of foot bridge near left bank, 1.0 mi downstream from Area 400-D, at Savannah River Site.

DRAINAGE AREA.--0.73 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: July 19 - 27, which are poor. Flow regulated by Savannah River Site operations 1.0 mile upstream.

AVERAGE DISCHARGE.--16 years, 83.4 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 224 ft³/s, June 29, 1984, gage height, 3.38 ft; minimum daily, 27 ft³/s, June 29, 30, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 107 ft³/s, Oct. 1, gage height, 2.31 ft; minimum daily, 51 ft³/s, Apr. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	61	62	61	57	63	61	52	58	97	78	79
2	81	62	62	60	57	65	60	52	58	105	80	77
3	81	65	61	61	59	66	60	52	58	105	80	75
4	81	64	60	61	59	66	59	52	57	105	79	75
5	63	64	61	61	59	66	60	52	58	100	78	75
6	65	63	62	61	58	66	59	52	59	95	78	75
7	67	62	62	63	59	67	59	52	69	95	82	75
8	67	63	65	64	61	65	59	52	77	95	82	76
9	66	65	65	63	62	66	59	53	81	94	81	76
10	66	65	64	63	61	66	59	56	80	94	81	75
11	66	65	63	59	61	65	60	56	79	96	81	74
12	66	64	65	57	61	66	60	56	79	96	80	73
13	66	64	67	56	62	65	61	56	79	97	79	73
14	65	63	65	56	63	65	64	56	74	83	79	74
15	65	63	64	57	59	65	62	56	81	77	81	75
16	64	60	64	56	60	64	61	57	81	76	78	74
17	64	62	63	61	60	64	61	58	80	76	78	74
18	65	64	63	63	59	64	62	59	85	76	78	73
19	65	63	64	61	60	63	62	59	88	77	76	73
20	63	63	63	61	60	63	62	58	80	77	76	73
21	62	63	63	59	61	63	62	59	80	77	76	73
22	62	63	63	58	61	63	61	59	80	76	81	72
23	60	62	62	58	61	63	60	58	79	77	78	72
24	60	61	61	59	60	63	60	57	79	77	77	73
25	60	60	60	60	60	63	61	57	78	76	76	73
26	61	60	60	59	61	63	59	57	82	77	75	73
27	60	60	60	59	60	64	57	56	93	76	75	74
28	60	61	62	59	62	61	55	56	93	77	82	74
29	59	59	62	58	---	64	52	56	92	76	95	74
30	57	61	63	59	---	64	51	59	93	76	86	74
31	59	---	62	58	---	62	---	59	---	76	81	---
TOTAL	2013	1875	1943	1851	1683	1993	1788	1729	2310	2657	2467	2226
MEAN	64.9	62.5	62.7	59.7	60.1	64.3	59.6	55.8	77.0	85.7	79.6	74.2
MAX	81	65	67	64	63	67	64	59	93	105	95	79
MIN	57	59	60	56	57	61	51	52	57	76	75	72

CAL YR 1989 TOTAL 24348 MEAN 66.7 MAX 92 MIN 51
WTR YR 1990 TOTAL 24535 MEAN 67.2 MAX 105 MIN 51

SAVANNAH RIVER BASIN

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 34.5°C, June 2, 1988; minimum, 9.0°C, Dec. 24, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.5°C, Aug. 21; minimum, 9.0°C, Dec. 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.0	24.0	25.0	23.0	21.5	22.5	18.0	16.0	17.0	12.5	11.5	12.5
2	26.5	25.0	26.0	22.5	21.0	22.0	17.0	16.0	16.5	12.5	11.0	11.5
3	26.5	25.5	26.0	21.0	19.5	20.5	16.5	15.0	15.5	11.5	11.0	11.5
4	26.5	25.0	26.0	21.0	19.5	20.0	16.0	14.5	15.0	12.5	11.0	12.0
5	26.0	24.5	25.5	21.5	20.0	20.5	15.0	13.0	14.0	12.5	12.0	12.5
6	25.5	24.0	25.0	22.0	21.0	21.5	15.5	13.0	14.0	13.0	12.5	12.5
7	25.5	23.5	25.0	22.5	20.5	21.5	17.0	15.0	15.5	13.5	12.5	13.0
8	25.5	24.0	24.5	22.0	21.0	21.0	16.0	15.0	15.5	13.0	13.0	13.0
9	24.0	23.0	23.5	22.0	21.0	21.5	15.0	13.5	14.5	14.5	12.5	13.5
10	25.5	22.5	23.5	21.5	19.5	20.5	13.5	13.0	13.0	14.5	13.0	13.5
11	24.0	22.5	23.0	21.0	20.0	20.5	14.0	13.0	13.5	15.0	12.5	13.5
12	25.0	23.0	24.0	21.5	19.5	20.0	14.5	13.0	13.5	14.5	13.0	14.0
13	25.0	24.0	24.5	21.0	19.5	20.0	14.0	13.0	13.5	13.0	11.5	12.5
14	24.5	23.5	24.0	21.5	18.5	19.5	14.5	13.0	14.0	13.5	11.5	12.5
15	25.0	23.5	24.0	21.5	20.0	21.0	13.5	12.5	13.0	13.0	11.5	12.0
16	26.0	24.0	25.0	21.5	19.5	21.0	13.0	12.0	12.5	14.5	11.5	13.0
17	26.0	25.0	25.5	20.5	18.5	20.0	13.0	11.5	12.5	13.5	12.0	13.0
18	25.5	25.0	25.0	19.0	17.5	18.5	13.0	11.5	12.5	14.5	13.5	14.0
19	25.0	22.0	24.0	17.5	16.5	17.0	13.0	12.0	12.5	15.0	13.5	14.0
20	22.0	20.5	21.0	17.5	16.5	17.0	13.0	11.5	12.5	14.5	13.0	13.5
21	21.5	19.5	20.5	18.0	17.0	17.5	12.0	10.5	11.5	15.0	14.0	14.5
22	21.0	19.0	20.0	17.5	16.0	17.0	12.0	10.5	11.5	15.5	13.5	14.5
23	22.0	20.5	21.0	17.5	16.5	17.0	10.0	9.5	10.0	15.5	13.5	14.0
24	21.5	20.5	21.0	16.5	15.0	16.0	10.0	9.0	9.5	14.5	13.0	13.5
25	23.0	21.0	22.0	16.5	15.0	15.5	10.0	9.5	10.0	15.5	13.5	15.0
26	23.5	20.5	22.5	18.0	16.5	17.0	12.0	9.5	10.5	15.0	13.0	14.0
27	23.5	22.0	22.5	18.5	17.0	18.0	11.5	10.0	10.5	13.0	12.5	12.5
28	23.5	21.0	22.0	20.0	17.5	19.0	12.0	10.5	11.0	14.5	12.5	13.5
29	22.5	20.5	21.5	19.5	18.0	19.0	11.5	10.0	11.0	15.5	14.0	14.5
30	23.0	21.5	22.0	19.0	17.0	18.5	12.5	11.0	11.5	15.0	14.5	14.5
31	23.0	22.0	22.0	---	---	---	12.5	11.0	11.5	15.5	14.0	14.5
MONTH	26.5	19.0	23.5	23.0	15.0	19.5	18.0	9.0	13.0	15.5	11.0	13.5

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	15.0	13.5	14.0	15.0	14.0	14.5	18.5	16.0	17.0	27.0	24.5	25.5
2	15.5	14.5	15.0	15.0	14.0	14.5	20.0	17.5	19.0	28.0	25.0	27.0
3	16.5	14.5	15.5	14.5	13.5	14.0	20.5	18.0	19.5	27.0	25.0	26.0
4	17.5	16.0	17.0	14.5	13.5	14.0	20.5	18.5	19.5	28.5	24.5	26.5
5	16.5	15.0	15.5	16.0	13.5	14.5	20.5	17.0	19.0	27.0	25.5	26.0
6	16.5	14.0	15.5	16.0	14.0	15.0	20.5	18.5	19.5	26.0	25.0	25.5
7	16.0	15.0	15.5	15.0	14.0	14.5	21.0	19.5	20.5	26.5	25.0	25.5
8	16.0	14.0	15.5	14.5	13.5	14.0	21.0	19.5	20.0	25.5	24.0	24.5
9	15.5	15.0	15.5	14.5	14.0	14.5	20.0	18.5	20.0	25.5	24.0	25.0
10	16.0	14.5	15.0	16.0	14.5	15.0	20.0	19.5	20.0	25.0	23.0	24.0
11	15.5	14.5	15.0	17.0	15.0	16.0	20.5	18.0	19.5	24.0	21.5	23.0
12	16.0	14.5	15.0	18.0	16.5	17.0	18.5	17.5	18.0	24.5	21.5	22.5
13	16.5	14.5	15.5	18.0	16.5	17.5	18.0	17.0	17.5	24.0	22.0	23.0
14	16.0	14.5	15.0	18.5	16.5	17.5	19.5	17.0	18.0	26.0	22.5	24.5
15	16.0	14.5	15.5	17.0	16.0	16.5	20.0	18.5	19.5	27.0	25.5	26.0
16	17.0	16.0	16.5	17.5	16.5	17.0	22.0	19.5	20.5	26.0	24.5	25.0
17	17.5	15.5	16.5	18.0	16.5	17.0	22.5	20.0	21.5	25.0	23.5	24.5
18	15.5	15.0	15.5	17.5	16.5	17.0	21.5	19.0	20.5	24.5	23.0	24.0
19	15.5	14.5	15.0	18.0	16.5	17.0	19.0	18.0	18.5	24.5	22.5	23.5
20	16.0	14.5	15.0	17.5	16.0	17.0	19.0	16.5	18.0	24.5	23.5	24.0
21	15.5	14.0	14.5	19.5	16.0	18.0	19.5	18.5	19.0	25.0	23.0	24.0
22	16.0	14.0	15.0	19.5	17.0	18.0	21.5	19.5	20.5	25.0	23.5	24.5
23	16.5	15.0	15.5	20.0	17.0	18.5	22.0	20.5	21.0	25.5	22.0	24.0
24	15.0	14.0	14.5	19.0	17.5	18.5	23.0	21.0	22.0	25.5	22.5	24.0
25	14.5	13.5	14.0	19.0	17.5	18.0	23.5	22.0	23.0	25.0	23.0	24.0
26	13.5	13.0	13.5	18.5	17.5	18.0	25.0	22.5	23.5	25.0	22.5	24.0
27	14.5	12.5	13.5	18.0	16.5	17.5	25.0	22.0	23.5	26.0	24.5	25.0
28	14.5	13.5	14.0	18.0	16.5	17.0	24.0	22.0	23.5	27.0	25.5	26.0
29	---	---	---	17.5	16.0	17.0	24.0	22.0	23.0	27.5	26.0	26.5
30	---	---	---	16.0	15.0	16.0	26.0	22.5	24.5	26.0	23.0	25.0
31	---	---	---	17.0	14.5	16.0	---	---	---	25.0	23.0	24.0
MONTH	17.5	12.5	15.0	20.0	13.5	16.5	26.0	16.0	20.5	28.5	21.5	24.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	25.0	23.5	24.5	29.5	28.5	29.0	27.0	26.0	26.5	27.5	25.5	26.5
2	25.0	24.5	25.0	29.5	28.0	28.5	26.5	24.5	25.0	28.5	26.0	27.5
3	24.5	23.5	24.5	28.5	28.5	28.5	25.5	23.5	25.0	29.5	26.0	28.0
4	26.5	24.5	25.5	29.0	27.5	28.0	25.5	22.5	24.5	30.0	29.0	29.5
5	27.0	25.0	26.0	28.0	26.5	27.5	26.0	24.5	25.5	30.5	27.5	29.0
6	29.5	25.5	27.0	28.5	28.0	28.0	27.0	25.0	26.0	30.0	27.0	29.0
7	31.0	26.5	28.0	28.5	27.0	27.5	27.5	25.5	26.5	29.5	28.0	28.5
8	28.0	26.0	27.0	28.5	27.0	27.5	28.0	27.0	27.5	28.0	27.5	28.0
9	26.5	25.5	26.0	29.5	28.0	28.5	27.0	25.0	26.0	29.0	27.5	28.0
10	27.0	25.0	26.0	29.5	28.0	29.0	26.5	25.0	25.5	29.5	27.5	28.5
11	25.5	24.5	25.0	30.0	27.5	29.0	27.0	25.0	25.5	30.5	28.0	29.0
12	25.5	24.0	24.5	27.5	26.0	27.0	28.0	23.5	26.0	30.5	29.5	30.0
13	26.5	24.5	25.5	28.0	26.0	27.0	29.5	27.5	28.5	30.5	29.5	30.0
14	27.5	25.0	26.5	28.0	26.5	27.0	29.0	28.0	28.5	30.0	28.5	29.5
15	27.0	26.0	26.5	28.5	27.0	27.5	29.5	27.0	28.5	29.5	26.0	28.5
16	27.5	26.0	26.5	29.0	27.0	28.0	29.0	27.0	27.5	29.5	28.0	28.5
17	28.5	26.0	27.5	29.5	28.0	28.5	28.5	26.5	27.5	28.5	27.0	28.0
18	28.5	25.5	27.5	29.0	28.0	28.5	28.5	26.5	27.5	28.5	27.0	27.5
19	29.0	27.0	28.0	---	---	---	29.5	27.5	28.0	29.0	27.5	28.0
20	29.0	28.0	28.5	---	---	---	30.0	28.0	29.0	29.0	27.5	28.5
21	29.0	26.5	28.0	---	---	---	31.5	28.5	30.0	29.5	28.0	28.5
22	28.5	27.0	27.5	---	---	---	29.5	26.5	28.0	29.0	28.0	28.5
23	28.0	27.0	27.5	---	---	---	28.0	26.5	27.0	29.0	27.0	28.0
24	28.0	27.0	27.5	---	---	---	28.0	24.5	26.5	28.0	26.5	27.0
25	30.0	26.5	28.0	---	---	---	28.5	26.5	27.5	26.0	24.5	25.5
26	29.0	27.5	28.0	---	---	---	28.5	27.0	28.0	26.5	23.5	25.0
27	28.5	26.5	27.5	---	---	---	29.5	28.5	29.0	27.0	25.5	26.0
28	28.0	26.0	27.0	27.5	26.0	27.0	29.5	26.5	29.0	27.0	26.0	26.5
29	28.5	27.5	28.0	28.0	26.5	27.5	28.5	26.5	27.5	26.5	25.5	26.0
30	29.0	27.5	28.0	29.0	27.5	28.0	27.5	25.5	26.5	26.5	26.0	26.0
31	---	---	---	28.5	25.5	27.5	27.0	25.0	26.0	---	---	---
MONTH	31.0	23.5	27.0	30.0	25.5	28.0	31.5	22.5	27.0	30.5	23.5	28.0
YEAR	31.5	9.0	21.0									

SAVANNAH RIVER BASIN

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'57'', long 81°45'55'', Barnwell County, Hydrologic Unit 03060106, on left bank, 6.1 mi downstream from Upper Three Runs, 10.5 mi upstream from Steel Creek and at mile 152.1.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 37.5°C, June 3, 1985; minimum, 6.0°C, Jan. 23, 1984.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, June 7; minimum, 7.0°C, Dec. 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.0	24.0	25.0	22.5	20.5	21.5	17.0	14.5	15.5	11.0	9.5	10.5
2	25.5	23.5	24.5	22.0	21.0	21.5	16.0	14.5	15.0	10.5	8.5	9.5
3	24.5	21.5	22.5	20.5	19.5	20.0	---	---	---	11.5	10.0	10.5
4	22.0	21.5	21.5	20.0	18.0	19.0	---	---	---	12.5	11.0	11.5
5	21.5	21.0	21.5	20.5	18.5	19.5	---	---	---	13.0	12.0	12.5
6	21.5	20.5	21.0	21.5	20.0	20.5	15.0	12.0	13.5	13.5	12.5	13.0
7	21.5	21.0	21.0	22.0	20.0	21.5	15.5	15.0	15.0	12.5	12.5	12.5
8	21.5	21.0	21.5	22.0	21.0	21.5	15.5	13.5	14.5	13.0	12.0	12.5
9	21.0	20.5	21.0	22.0	20.5	21.5	13.0	12.0	12.5	13.0	10.0	12.0
10	20.5	20.0	20.0	20.5	18.5	20.0	12.0	10.5	11.0	13.0	10.0	11.0
11	20.5	19.5	20.0	20.5	19.0	19.5	11.0	10.5	10.5	13.0	11.0	12.0
12	21.0	20.0	20.5	20.5	18.5	19.5	11.5	10.5	11.0	13.0	12.0	12.5
13	21.0	20.5	20.5	20.5	18.5	19.5	12.0	11.5	11.5	12.0	10.5	11.0
14	21.0	20.5	21.0	20.5	18.0	19.0	11.5	10.5	11.0	---	---	---
15	22.0	20.5	21.0	21.0	20.0	20.5	10.5	10.0	10.5	---	---	---
16	24.0	21.5	22.5	21.0	19.0	20.0	10.5	10.5	10.5	---	---	---
17	24.0	22.0	23.0	19.0	18.0	18.5	10.5	10.0	10.0	9.5	9.0	9.5
18	22.0	21.5	21.5	18.5	16.5	17.5	10.0	9.5	9.5	10.0	9.5	9.5
19	21.5	20.0	20.5	17.5	16.5	16.5	10.0	9.5	9.5	11.0	10.0	10.0
20	20.0	18.5	19.0	17.5	16.0	16.5	10.0	9.5	10.0	14.0	10.0	11.5
21	18.5	17.5	18.0	18.0	17.0	17.5	9.5	9.5	9.5	15.0	14.0	14.5
22	17.0	14.5	16.0	17.0	16.0	16.5	9.5	9.0	9.0	14.0	10.5	12.5
23	18.0	15.5	16.5	17.0	15.5	16.5	8.5	8.0	8.5	15.0	12.5	13.5
24	19.5	17.0	18.0	15.5	14.5	15.0	8.0	7.0	7.5	14.5	10.0	11.0
25	19.0	18.0	18.5	16.0	14.0	15.0	7.5	7.5	7.5	12.0	10.5	10.5
26	20.0	18.5	19.0	18.0	15.5	17.0	8.0	7.5	8.0	13.0	11.0	12.0
27	19.5	18.5	19.0	18.5	17.0	17.5	8.5	8.0	8.0	12.0	9.5	10.0
28	20.5	18.5	19.0	21.5	17.5	18.5	8.5	8.5	8.5	12.5	9.5	11.0
29	20.5	18.0	19.5	18.5	17.0	17.5	8.5	8.5	8.5	15.5	12.5	13.5
30	22.0	20.0	21.0	17.5	15.5	16.5	9.0	8.5	8.5	14.0	10.0	11.0
31	22.5	21.5	22.0	---	---	---	11.0	8.5	9.5	10.0	9.5	10.0
MONTH	26.0	14.5	20.5	22.5	14.0	18.5	17.0	7.0	10.5	15.5	8.5	11.5

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.0	9.5	10.0	12.0	11.5	12.0	17.0	14.0	15.0	26.0	24.0	25.0
2	10.5	10.0	10.0	12.0	12.0	12.0	18.5	16.5	17.5	27.5	25.0	26.0
3	11.5	10.5	11.0	12.0	12.0	12.0	19.5	16.0	17.5	27.0	25.5	26.0
4	16.0	11.5	14.5	12.0	12.0	12.0	19.5	16.0	18.0	27.5	25.0	26.0
5	14.5	13.0	14.0	12.5	12.0	12.5	20.0	16.5	18.5	26.0	25.0	25.5
6	13.0	11.5	12.0	13.0	12.5	12.5	21.0	18.5	19.5	25.5	24.0	24.5
7	11.5	11.0	11.0	12.5	12.5	12.5	21.0	18.5	19.5	26.5	23.5	24.5
8	11.5	11.0	11.0	12.5	11.5	12.0	21.0	18.0	19.0	25.0	23.5	24.0
9	11.5	11.0	11.0	11.5	11.5	11.5	21.0	17.5	19.5	25.0	23.5	24.0
10	11.5	11.5	11.5	12.5	11.5	12.0	21.0	19.0	20.0	25.0	23.5	24.0
11	11.5	11.5	11.5	13.5	12.5	13.0	20.0	17.0	19.0	24.0	22.0	23.0
12	12.0	11.5	11.5	14.0	13.5	14.0	17.0	16.5	16.5	23.0	20.0	21.5
13	11.5	11.0	11.5	14.5	14.0	14.0	18.0	15.5	16.5	23.5	20.0	21.5
14	11.5	10.5	11.0	14.5	14.0	14.5	18.0	16.0	17.0	25.5	22.0	23.5
15	12.0	11.0	11.5	15.0	14.5	14.5	20.0	18.0	19.0	26.0	22.5	24.0
16	12.5	11.5	12.0	15.0	14.5	14.5	22.0	19.0	20.0	22.0	19.5	21.0
17	12.5	12.0	12.5	15.0	14.5	14.5	23.5	19.0	21.0	19.5	18.5	19.0
18	12.5	12.5	12.5	14.5	14.0	14.5	21.5	17.0	19.0	19.0	18.0	18.5
19	12.5	11.5	12.0	14.5	14.0	14.0	17.5	15.5	16.5	19.0	17.5	18.5
20	12.0	11.0	11.5	14.5	13.5	14.0	18.0	16.0	17.0	19.0	18.0	18.5
21	12.0	11.5	11.5	13.5	13.0	13.0	20.0	17.5	18.5	19.5	18.5	19.0
22	12.0	11.5	11.5	13.5	13.0	13.5	21.0	18.5	20.0	20.0	19.0	19.5
23	12.5	12.0	12.5	14.5	13.5	14.0	21.5	19.5	20.5	19.5	18.5	19.0
24	12.5	11.5	12.0	14.5	14.0	14.5	23.0	20.0	21.5	20.0	18.5	19.0
25	11.5	11.0	11.5	15.0	14.5	14.5	23.5	21.5	22.5	19.5	18.5	19.0
26	11.0	10.5	10.5	15.0	14.5	15.0	24.5	21.5	23.0	20.0	18.5	19.5
27	11.0	10.0	10.5	15.0	14.5	14.5	24.5	22.0	23.0	22.5	19.5	21.0
28	11.5	11.0	11.0	14.5	14.5	14.5	23.5	22.5	23.0	23.0	22.0	22.5
29	---	---	---	14.5	14.0	14.5	23.5	21.5	22.5	24.5	22.5	23.0
30	---	---	---	14.0	13.5	13.5	26.0	22.0	24.0	23.0	20.0	21.0
31	---	---	---	14.0	13.5	13.5	---	---	---	20.5	19.5	20.0
MONTH	16.0	9.5	11.5	15.0	11.5	13.5	26.0	14.0	19.5	27.5	17.5	22.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.0	20.5	21.0	29.0	28.0	28.5	28.0	27.5	28.0	24.0	22.5	22.5
2	23.0	20.0	20.5	29.0	28.0	28.5	27.5	26.5	27.0	26.5	25.0	26.0
3	24.0	22.5	23.5	29.0	28.0	28.5	26.5	26.0	26.0	28.0	26.0	27.0
4	26.5	23.5	25.0	28.5	27.5	28.0	26.0	25.0	25.5	29.0	27.5	28.5
5	27.0	24.5	25.5	28.5	27.5	28.0	26.5	25.5	26.0	29.5	27.0	28.5
6	29.0	25.0	26.5	29.0	27.5	28.0	27.5	26.0	26.5	29.0	27.5	28.5
7	31.0	26.0	28.0	28.5	27.5	28.0	27.5	26.5	27.0	28.5	23.0	24.5
8	28.5	26.5	27.5	28.5	27.5	28.0	28.0	27.0	27.5	27.0	22.5	23.0
9	27.5	25.5	26.5	29.0	28.0	28.5	28.0	27.0	27.0	27.5	26.0	27.0
10	27.5	25.5	26.5	29.0	28.0	28.5	27.5	26.5	27.0	28.5	26.5	27.5
11	26.5	25.0	25.5	29.5	29.0	29.0	27.5	26.0	27.0	29.5	27.5	28.5
12	26.5	24.0	25.0	29.0	27.5	28.0	27.5	26.5	27.0	30.0	28.5	29.5
13	27.0	24.0	25.5	27.5	26.5	27.0	29.0	27.5	28.0	30.0	28.5	29.5
14	27.5	25.0	26.0	27.5	26.5	27.0	29.0	28.0	28.5	29.5	28.5	29.0
15	27.0	26.0	26.5	28.0	27.0	27.5	29.0	28.0	28.5	29.5	28.0	28.5
16	27.0	26.5	26.5	28.5	27.0	28.0	29.0	27.5	28.0	29.0	27.5	28.0
17	28.0	26.0	27.0	29.0	28.0	28.5	28.5	27.5	28.0	28.0	26.5	27.0
18	28.0	26.0	27.0	28.5	28.0	28.5	28.0	27.5	28.0	27.5	25.5	26.5
19	28.5	27.0	28.0	28.0	27.5	28.0	28.5	27.5	28.0	28.5	26.0	27.0
20	28.5	27.5	28.0	27.5	26.5	27.0	29.0	28.0	28.5	28.5	26.5	27.5
21	28.5	27.5	28.0	27.5	27.0	27.5	30.0	28.5	29.5	29.0	27.5	28.0
22	28.5	27.5	28.0	28.0	27.0	27.5	29.5	28.0	28.5	29.0	28.0	28.0
23	28.0	27.0	27.5	28.0	27.0	27.5	28.0	27.0	27.5	28.0	26.0	27.5
24	28.0	26.5	27.5	28.5	27.5	28.0	27.5	26.5	27.0	26.5	25.0	26.0
25	28.5	26.5	27.5	29.0	28.0	28.5	28.0	27.0	27.5	25.0	24.0	24.5
26	28.5	27.5	28.0	28.0	27.0	27.5	28.0	27.5	28.0	25.0	23.0	24.0
27	28.0	27.0	27.5	27.5	26.5	27.0	29.0	28.0	28.5	26.0	24.5	25.5
28	28.0	27.0	27.5	27.0	26.5	27.0	29.0	25.5	27.5	26.5	25.0	25.5
29	28.0	27.5	27.5	28.0	27.0	27.5	28.5	23.0	24.5	25.5	25.0	25.5
30	28.5	27.5	28.0	29.0	27.5	28.0	23.5	22.0	22.5	26.0	24.5	25.5
31	---	---	---	29.5	28.0	28.5	23.0	22.0	22.5	---	---	---
MONTH	31.0	20.0	26.5	29.5	26.5	28.0	30.0	22.0	27.0	30.0	22.5	27.0
YEAR	31.0	7.0	20.0									

SAVANNAH RIVER BASIN

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC

LOCATION.--Lat 33°08'52'', long 81°45'01'', Barnwell County, Hydrologic Unit 03060106, on right bank at confluence with Savannah River, 7.6 mi downstream from Upper Three Runs, 9.0 mi upstream from Steel Creek and at mile 150.6.

PERIOD OF RECORD.--October 1979 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 46.8°C, Aug. 22, 1983; minimum, 0.5°C, Jan. 8, 1988.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.5°C, June 8, 11, July 5, 8 - 10; minimum, 8.0°C, Dec. 24 - 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	22.5	23.0	18.5	18.5	18.5	13.5	12.0	13.0	10.5	9.5	10.0
2	23.5	22.5	23.0	18.5	18.0	18.5	12.0	11.5	11.5	10.5	9.0	9.5
3	23.0	21.5	22.0	18.0	17.0	17.5	11.5	11.0	11.0	9.0	9.0	9.0
4	22.0	21.0	21.5	17.0	16.5	17.0	10.5	9.5	10.0	10.0	9.0	9.5
5	21.5	21.0	21.0	16.5	15.5	16.0	9.5	9.0	9.0	10.5	10.0	10.5
6	21.0	20.0	20.5	16.0	15.5	16.0	9.0	9.0	9.0	10.5	10.0	10.5
7	21.0	20.5	21.0	16.5	16.0	16.5	10.0	9.0	9.5	11.5	10.5	11.5
8	21.0	21.0	21.0	17.5	16.5	17.0	11.0	10.5	10.5	11.5	11.5	11.5
9	21.0	21.0	21.0	18.0	17.5	18.0	11.5	11.0	11.0	11.5	11.0	11.5
10	21.0	20.5	20.5	18.0	17.0	18.0	11.5	11.5	11.5	11.0	10.5	11.0
11	20.5	20.0	20.0	17.0	16.5	16.5	11.5	11.0	11.0	11.0	10.5	10.5
12	20.5	20.0	20.0	16.5	16.0	16.0	11.0	11.0	11.0	11.0	10.5	10.5
13	20.5	20.5	20.5	16.0	16.0	16.0	11.5	11.0	11.5	10.5	9.0	10.0
14	20.5	20.5	20.5	16.0	16.0	16.0	11.5	11.0	11.5	9.0	8.5	9.0
15	20.5	20.0	20.5	16.0	16.0	16.0	11.0	10.5	10.5	8.5	8.5	8.5
16	20.5	20.5	20.5	16.5	16.0	16.5	10.5	10.5	10.5	9.5	8.5	9.0
17	21.0	20.5	21.0	16.5	14.5	15.5	10.5	10.5	10.5	9.5	9.5	9.5
18	21.0	21.0	21.0	14.5	13.0	13.5	10.5	10.0	10.0	10.0	9.5	9.5
19	21.0	20.5	21.0	13.0	12.5	12.5	10.0	10.0	10.0	11.0	10.0	10.5
20	20.5	20.0	20.5	12.5	12.0	12.5	10.0	10.0	10.0	11.5	11.0	11.0
21	20.0	19.0	19.5	13.0	12.0	12.5	10.0	9.5	10.0	13.0	11.5	12.0
22	19.0	18.0	18.5	13.0	13.0	13.0	9.5	9.5	9.5	13.0	12.5	13.0
23	18.0	17.0	17.5	13.0	12.5	12.5	9.5	9.0	9.0	12.5	12.0	12.0
24	17.0	16.5	16.5	12.5	11.0	12.0	9.0	8.0	8.5	11.5	11.0	11.5
25	16.5	16.0	16.5	11.0	10.5	11.0	8.0	8.0	8.0	11.0	11.0	11.0
26	16.5	16.0	16.0	12.0	10.5	11.0	8.5	8.0	8.0	12.0	11.0	11.5
27	16.5	16.0	16.0	13.0	12.0	12.5	8.5	8.0	8.5	11.5	10.5	11.0
28	17.0	16.5	16.5	14.5	13.0	14.0	8.5	8.5	8.5	11.0	10.5	10.5
29	17.0	17.0	17.0	15.0	14.5	15.0	9.0	8.5	8.5	11.5	10.5	11.0
30	17.5	17.0	17.0	15.0	14.0	14.5	9.0	9.0	9.0	11.5	11.0	11.0
31	18.5	17.5	18.0	---	---	---	9.5	9.0	9.0	10.5	10.5	10.5
MONTH	23.5	16.0	19.5	18.5	10.5	15.0	13.5	8.0	10.0	13.0	8.5	10.5

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.5	10.0	10.5	11.5	11.5	11.5	13.5	13.5	13.5	---	---	---
2	10.5	10.5	10.5	11.5	11.5	11.5	14.0	13.5	14.0	22.5	21.0	21.5
3	11.0	10.5	10.5	12.0	12.0	12.0	15.0	14.0	14.5	21.5	20.5	21.0
4	12.5	11.0	11.5	12.0	12.0	12.0	15.0	15.0	15.0	21.5	20.0	21.0
5	13.0	12.5	12.5	12.0	12.0	12.0	15.0	15.0	15.0	25.5	21.5	24.0
6	13.0	12.0	12.5	12.0	12.0	12.0	15.5	15.0	15.0	23.0	20.5	21.5
7	12.0	11.5	11.5	12.5	12.0	12.0	16.0	15.5	15.5	21.5	18.5	19.5
8	11.5	11.5	11.5	12.5	12.0	12.5	16.0	16.0	16.0	19.5	19.0	19.0
9	11.5	11.5	11.5	12.0	12.0	12.0	16.0	16.0	16.0	19.5	19.0	19.5
10	11.5	11.5	11.5	12.0	12.0	12.0	16.0	16.0	16.0	20.0	18.5	19.0
11	11.5	11.5	11.5	12.0	12.0	12.0	16.5	16.5	16.5	20.0	19.0	19.5
12	11.5	11.5	11.5	12.5	12.0	12.5	16.5	16.0	16.5	19.5	19.0	19.0
13	11.5	11.5	11.5	13.0	12.5	12.5	16.0	16.0	16.0	19.0	19.0	19.0
14	11.5	11.5	11.5	13.0	13.0	13.0	16.0	16.0	16.0	20.5	19.0	19.5
15	11.5	11.0	11.5	13.5	13.0	13.5	16.0	15.5	16.0	20.5	20.5	20.5
16	12.0	11.5	11.5	13.5	13.5	13.5	16.5	16.0	16.0	20.5	19.5	20.0
17	12.0	12.0	12.0	14.0	13.5	13.5	17.0	16.5	16.5	19.0	18.5	19.0
18	12.0	12.0	12.0	14.0	13.5	14.0	17.0	17.0	17.0	18.5	18.0	18.0
19	12.0	12.0	12.0	14.0	13.5	13.5	17.0	17.0	17.0	18.0	17.5	18.0
20	12.0	11.5	12.0	14.0	13.5	13.5	17.0	16.5	16.5	18.5	18.0	18.0
21	12.0	11.5	12.0	13.5	13.5	13.5	16.5	16.5	16.5	18.5	18.0	18.5
22	12.0	11.5	11.5	13.5	13.5	13.5	---	---	---	19.0	18.5	18.5
23	12.0	12.0	12.0	13.5	13.5	13.5	---	---	---	19.0	18.0	18.5
24	12.0	12.0	12.0	13.5	13.5	13.5	---	---	---	19.0	18.0	18.5
25	12.0	12.0	12.0	14.0	13.5	13.5	---	---	---	18.5	18.0	18.5
26	12.0	11.5	11.5	14.0	14.0	14.0	---	---	---	19.0	18.0	18.5
27	11.5	11.5	11.5	14.0	14.0	14.0	---	---	---	19.5	19.0	19.0
28	11.5	11.0	11.5	14.0	14.0	14.0	---	---	---	21.5	19.5	20.5
29	---	---	---	14.0	14.0	14.0	---	---	---	22.5	21.5	22.0
30	---	---	---	14.0	14.0	14.0	---	---	---	22.0	19.0	20.5
31	---	---	---	14.0	13.5	13.5	---	---	---	19.5	19.0	19.0
MONTH	13.0	10.0	11.5	14.0	11.5	13.0	17.0	13.5	16.0	25.5	17.5	19.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.5	19.5	19.5	---	---	---	25.5	25.0	25.0	23.0	23.0	23.0
2	20.5	19.5	20.0	---	---	---	25.0	24.0	24.0	24.5	23.0	23.5
3	22.5	19.5	21.0	---	---	---	23.5	23.0	23.5	25.0	24.5	24.5
4	---	---	---	28.0	27.5	27.5	23.5	23.0	23.0	25.5	25.0	25.0
5	---	---	---	28.5	27.5	28.0	26.0	23.5	25.0	25.0	24.5	25.0
6	---	---	---	28.0	25.0	26.5	26.5	26.0	26.5	25.0	24.5	24.5
7	28.0	25.5	27.0	25.0	24.5	25.0	26.5	26.0	26.5	24.5	23.5	24.0
8	28.5	26.5	27.5	28.5	24.5	26.5	26.0	25.0	25.5	23.5	23.0	23.0
9	27.5	24.5	25.5	28.5	27.5	28.0	25.0	24.0	24.5	25.0	23.5	24.0
10	27.5	24.5	26.0	28.5	26.0	27.5	23.5	23.0	23.5	25.5	25.0	25.0
11	28.5	27.0	27.5	26.0	25.5	25.5	25.0	23.0	23.5	26.0	25.5	25.5
12	27.5	26.0	27.0	25.0	24.0	24.5	25.5	25.0	25.0	26.0	26.0	26.0
13	26.5	25.5	26.0	24.0	23.5	24.0	26.0	25.5	25.5	26.0	26.0	26.0
14	27.0	25.5	26.5	25.5	23.5	24.5	26.0	25.0	25.5	26.0	25.5	26.0
15	27.0	24.5	25.5	26.0	25.5	25.5	25.0	24.5	25.0	25.5	25.0	25.0
16	27.5	25.0	26.0	26.5	26.0	26.5	24.5	24.0	24.0	25.5	25.0	25.0
17	27.0	25.0	26.0	27.5	26.5	27.0	24.0	23.5	23.5	25.0	23.5	24.0
18	---	---	---	27.0	25.0	26.5	23.5	23.0	23.5	23.5	23.0	23.5
19	---	---	---	25.0	24.5	25.0	25.0	23.0	24.0	23.0	22.5	23.0
20	---	---	---	25.5	24.5	25.0	26.0	25.0	25.5	23.5	23.0	23.0
21	---	---	---	26.0	25.5	26.0	25.5	23.5	24.5	24.0	23.5	24.0
22	---	---	---	26.5	26.0	26.5	25.0	24.0	24.5	24.5	24.0	24.5
23	---	---	---	26.5	26.0	26.0	24.0	23.0	23.5	25.0	23.5	24.5
24	---	---	---	---	---	---	---	---	---	23.0	21.5	22.5
25	---	---	---	---	---	---	---	---	---	21.5	20.0	21.0
26	25.5	25.0	25.5	---	---	---	---	---	---	20.5	20.0	20.5
27	25.0	24.0	24.5	---	---	---	---	---	---	20.5	20.0	20.5
28	26.5	24.0	25.0	26.0	25.5	25.5	---	---	---	21.0	20.5	21.0
29	27.0	26.5	26.5	26.0	25.5	25.5	---	---	---	21.0	21.0	21.0
30	---	---	---	26.5	26.0	26.5	24.0	23.0	23.5	21.0	21.0	21.0
31	---	---	---	26.5	25.5	26.0	23.0	23.0	23.0	---	---	---
MONTH	28.5	19.5	25.0	28.5	23.5	26.0	26.5	23.0	24.5	26.0	20.0	23.5
YEAR	28.5	8.0	17.5									

LOCATION.--Lat 33°17'00'', long 81°39'00'', Aiken County, Hydrologic Unit 03060106, at pipe culvert 100 ft above Road E, 2,000 ft southwest of H-Area, at Savannah River Site.

PERIOD OF RECORD.--August 1967 to current year.

REMARKS.--Estimated daily discharges: Oct. 1, Feb. 4, Mar. 6, July 2, 22, 25, Aug. 22. Records poor. Flow completely regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--18 years, $1.28 \text{ ft}^3/\text{s}$.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jan. 19, 1978, gage height, 7.82 ft; minimum daily, 0.07 ft³/s, Sept. 6, 1980, June 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 22, gage height, 7.03 ft; minimum daily, 0.21 ft³/s, June 23.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	.92	.76	.72	.74	.64	.51	.79	.41	.52	.55	1.3
2	1.2	1.2	.73	.74	.65	.37	.50	.78	.56	.57	1.3	1.3
3	.79	.83	1.1	.49	.72	.26	.82	.74	.52	.65	1.8	.67
4	1.7	.98	.94	1.2	.86	.58	.84	.89	.56	.59	2.2	.60
5	.89	.89	1.4	.80	.48	.36	.47	1.4	.55	.83	1.1	.91
6	1.0	.68	2.6	.79	.77	.74	.87	.66	.66	.56	.99	.89
7	.63	.67	2.0	1.8	.52	.76	1.3	.69	.33	.52	.60	1.4
8	.96	.62	2.5	.72	1.5	.84	.80	.67	.71	.54	1.0	2.1
9	.74	.91	2.1	.76	.71	.56	.79	.52	.33	.76	.64	.58
10	.65	1.2	.50	.71	.42	.39	1.3	1.0	.60	.54	1.5	.95
11	.35	.59	.77	1.0	1.0	.98	2.0	.75	.64	.50	.76	.85
12	.72	.97	1.5	2.6	.96	1.3	.82	.67	.46	.73	.51	1.0
13	.72	.82	1.4	1.3	.73	1.2	1.2	.66	.89	1.3	1.4	1.9
14	.55	.67	.71	.43	.39	.91	.46	.76	.71	.92	1.1	.68
15	.76	1.9	.95	1.1	.35	.64	.75	.72	1.0	.87	.93	.84
16	.71	1.1	1.6	1.2	1.7	.33	.87	.42	.78	.91	.86	.84
17	.92	1.5	2.1	.80	.32	1.2	.52	1.5	.68	.66	1.1	.86
18	2.5	2.3	1.5	.77	1.2	.65	.95	1.2	.70	1.6	.89	.92
19	.75	1.8	1.1	1.1	1.2	.69	.84	.73	.99	1.0	1.1	.71
20	.70	1.0	1.2	1.1	.84	.86	.88	.38	.43	.92	.93	.88
21	1.1	.86	1.6	.85	.72	1.1	.81	.85	.59	.82	1.1	.60
22	1.1	1.1	.71	1.1	.77	1.2	.83	.62	.26	1.5	9.7	.34
23	1.7	1.2	.95	.47	.69	.61	.49	.57	.21	.76	.92	.83
24	1.2	.70	.59	.84	.40	.81	.51	2.0	.57	.85	1.0	.72
25	.76	.73	.96	1.5	.60	.54	.52	.66	.24	1.5	.97	.52
26	.74	.46	.84	.84	.60	.89	.51	.65	.25	1.1	.91	1.0
27	.74	.81	.64	.80	.98	.58	.67	.62	.31	1.5	1.5	.69
28	1.1	.90	.63	.41	.70	1.0	1.3	.63	.34	1.4	1.2	.59
29	.64	.78	.53	.58	---	.66	.78	.39	.67	.82	1.6	.45
30	.81	.78	.41	.49	---	.73	.76	.55	.66	.82	2.1	.91
31	.83	---	.97	.68	---	.48	---	.60	---	.80	3.2	---
TOTAL	30.26	29.87	36.29	28.69	21.52	22.86	24.67	24.07	16.61	27.36	45.46	26.83
MEAN	.98	1.00	1.17	.93	.77	.74	.82	.78	.55	.88	1.47	.89
MAX	2.5	2.3	2.6	2.6	1.7	1.3	2.0	2.0	1.0	1.6	9.7	2.1
MIN	.35	.46	.41	.41	.32	.26	.46	.38	.21	.50	.51	.34

CAL YR 1989	TOTAL 352.80	MEAN .97	MAX 3.6	MIN .33
WTR YR 1990	TOTAL 334.49	MEAN .92	MAX 9.7	MIN .21

SAVANNAH RIVER BASIN

353

021973305 HP-52 OUTFALL AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'56'', long 81°38'26'', Barnwell County, Hydrologic Unit 03060106, 75 ft downstream of culvert, 400 ft south of SRS Road E, and 700 ft south of H-Area, at Savannah River Site.

PERIOD OF RECORD.--June 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 275 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 1, 12, 13, 16 - 19, 23, 28 - 30, Nov. 2, 4, 5, 7, 9, 10, 15, 16, 21 - 24, 28, Nov. 30 to Dec. 2, 4 - 6, 8 - 10, 12 - 21, 24, 27 - 29, Dec. 31 to Jan. 2, 4, 6 - 14, 16 - 18, 20 - 22, 24 - 27, 30, Feb. 3, 4, 7 - 11, 13, 14, 16, 22, Mar. 8, 9, 11, 16 - 18, Apr. 28, May 4, 5, 8, 10 - 13, 16, 17, 24, June 5, 8, 10 - 13, 15, 18, June 22 - Aug. 15, 19, 21, 22, 27, 30, 31, Sept. 2, 6, 11, 14. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 1, 1989, gage height, 4.78 ft; minimum daily, 0.11 ft³/s, July 16, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 4.78 ft; minimum daily, 0.11 ft³/s, July 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	1.0	1.0	.98	.37	.41	.34	.43	.39	.75	1.1	1.5
2	1.2	2.1	.92	.70	.39	.65	.34	.73	.43	.50	1.4	.98
3	.79	1.2	.75	.69	.40	.37	.44	.66	.43	.60	1.0	.78
4	1.2	1.0	1.0	.68	.81	.48	.31	.41	.48	.55	.88	1.2
5	1.6	.86	1.3	.65	.59	.46	.31	.66	.28	.26	.85	1.1
6	1.3	1.2	1.0	1.1	.77	.61	.30	.34	.49	.32	.70	1.0
7	.95	.75	.86	1.4	.59	.43	.25	.26	.41	.44	.75	.71
8	1.0	.93	1.8	.86	.57	.46	.29	.32	.43	.32	.62	1.4
9	.89	1.1	1.1	.70	.54	.62	.32	.60	.35	.80	1.1	1.9
10	.93	1.1	1.1	.75	.54	.33	.43	.38	.40	.55	.98	2.1
11	.88	1.1	1.1	.66	.54	.61	.41	.32	.43	.47	.71	2.0
12	1.1	1.1	1.6	.70	.52	.36	.25	.50	.43	.62	.63	1.1
13	1.2	1.1	.92	.62	.35	.55	.36	.46	.40	.35	.62	1.4
14	.80	1.5	.81	1.0	.32	.42	.39	.83	.47	.18	.81	1.2
15	1.2	1.2	1.1	.67	.47	.43	.46	.65	.70	.15	.81	1.1
16	1.1	1.0	1.4	.54	.66	.43	.43	.60	.40	.11	1.4	.90
17	.86	.72	1.1	.50	.41	.75	.52	.60	.63	.14	1.2	1.5
18	1.2	.89	2.0	.54	.85	.46	.48	.56	.30	.19	1.2	.59
19	.86	1.2	1.4	.72	.58	.31	.47	.56	.63	.13	.86	.65
20	1.5	1.8	.86	.66	.38	.45	.53	.70	1.3	.26	.82	.64
21	.81	1.3	1.2	.86	.36	.37	.35	.50	1.0	.92	1.0	.91
22	.93	1.1	.88	.70	.75	.73	.29	.47	.54	.75	7.0	1.0
23	1.2	1.0	1.3	.63	.81	.43	.45	.44	.24	.12	1.3	1.3
24	1.3	2.4	1.2	.40	.46	.32	.48	.60	.30	.26	1.0	1.3
25	.68	1.1	.70	.70	.46	.32	.50	.80	.21	.57	1.2	1.0
26	1.1	.79	1.5	.50	.53	.32	.58	.66	.32	1.4	1.1	.79
27	1.2	1.1	.98	.43	.57	.58	.46	.36	.35	.75	.75	.81
28	.75	.98	.86	.33	.61	.34	.43	.54	.51	.82	.76	.75
29	1.0	1.1	1.0	.47	---	.36	.51	.24	.65	.88	.93	.81
30	1.0	1.6	.78	.47	---	.97	.42	.35	.75	.83	1.1	1.0
31	1.2	---	.86	.41	---	.39	---	.39	---	1.0	1.4	---
TOTAL	33.73	35.32	34.38	21.02	15.20	14.72	12.10	15.92	14.65	15.99	35.98	33.42
MEAN	1.09	1.18	1.11	.68	.54	.47	.40	.51	.49	.52	1.16	1.11
MAX	2.0	2.4	2.0	1.4	.85	.97	.58	.83	1.3	1.4	7.0	2.1
MIN	.68	.72	.70	.33	.32	.31	.25	.24	.21	.11	.62	.59

CAL YR 1989 TOTAL 309.16 MEAN .85 MAX 4.5 MIN .17
WTR YR 1990 TOTAL 282.43 MEAN .77 MAX 7.0 MIN .11

SAVANNAH RIVER BASIN

02197331 H-008 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'54'', long 81°38'46'', Barnwell County, Hydrologic Unit 03060106, 100 ft west of SRS Road E-1, 300 ft south of SRS Road E, 0.3 mi east of intersection of SRS Roads E and 4, at Savannah Site Plant.

PERIOD OF RECORD.--April 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 1, Oct. 3 to Nov. 1, 15, Dec. 12, Jan. 4, 7, Feb. 4, 16, Apr. 28, May 5, June 15, July 12, 13, 22, 25, Aug. 10, 21, 22, 30. Records poor. Discharge over 7.0 ft³/s, are undefined. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 1, 1989, gage height, 4.16 ft; minimum daily, 0.15 ft³/s, July 16, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 4.16 ft; minimum daily, 0.15 ft³/s, July 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.6	1.3	2.5	2.5	1.4	.80	.60	1.4	2.6	.72	1.6	2.5
2	2.1	2.7	1.4	1.8	1.3	1.0	.74	1.9	2.7	.57	2.5	2.2
3	.90	1.4	.92	1.7	1.6	.75	.94	2.1	2.7	.81	1.1	2.5
4	2.0	1.3	1.7	1.1	2.4	.85	.75	2.0	2.8	.72	1.2	2.2
5	2.2	1.2	2.3	1.6	1.3	.82	.81	2.9	2.6	.56	1.2	1.8
6	2.1	1.2	1.8	3.0	1.3	.97	.97	1.9	3.0	.63	1.3	1.9
7	1.5	1.1	1.7	3.4	1.2	.87	1.1	1.4	2.9	.68	1.5	1.5
8	1.3	1.1	5.1	2.6	1.3	1.1	1.2	1.6	3.2	.63	2.1	2.8
9	1.1	1.9	3.7	2.1	1.2	1.8	1.3	1.8	2.7	1.6	3.2	3.4
10	1.2	1.8	2.4	2.0	1.2	.95	1.6	2.1	3.2	.62	3.2	3.4
11	1.1	1.4	2.3	1.9	1.5	.89	1.8	1.8	2.3	.58	1.4	3.2
12	1.9	1.5	3.8	1.9	1.1	.69	1.4	2.5	1.1	.71	1.1	1.6
13	2.0	1.4	2.6	1.8	.94	.78	1.6	2.1	.93	.97	1.3	2.0
14	.90	1.8	2.1	2.7	.82	.73	1.6	2.2	.52	.24	2.0	2.5
15	1.9	2.2	2.3	1.4	1.1	.83	1.8	2.0	1.0	.22	2.4	2.6
16	1.8	2.1	2.7	1.9	1.7	.82	1.7	2.0	1.2	.15	3.4	1.8
17	1.0	1.0	2.0	1.9	1.2	1.6	1.7	2.0	1.7	.26	5.0	2.7
18	1.8	.89	3.3	2.0	1.5	1.1	1.6	2.0	1.5	.96	3.7	1.6
19	1.0	1.1	4.3	1.6	1.5	.71	1.6	1.9	1.8	.28	2.7	1.6
20	1.8	1.8	2.9	2.2	.85	.78	1.8	2.2	3.4	.66	1.6	1.6
21	.90	1.6	2.8	2.7	.84	.84	1.5	2.0	3.0	1.4	1.8	2.3
22	1.2	1.7	1.6	2.1	1.8	1.4	1.6	2.0	2.4	.83	20	2.1
23	1.7	2.5	2.1	1.4	1.8	1.0	1.8	2.1	1.5	.64	2.9	1.6
24	1.7	2.9	2.6	1.3	1.3	.79	1.7	2.5	1.3	.43	2.0	1.5
25	.85	1.3	1.9	2.6	1.1	.67	1.8	2.9	1.1	1.6	2.0	1.1
26	1.7	1.1	2.3	2.0	1.1	.86	1.9	2.8	.91	1.9	1.9	1.4
27	1.8	1.3	2.2	1.6	1.1	1.2	1.9	2.3	1.2	.89	1.3	1.9
28	1.0	1.5	2.2	1.3	1.1	.73	2.1	2.9	.99	.84	1.6	2.3
29	1.2	1.5	2.5	1.5	---	.79	1.6	2.3	.94	.93	1.9	2.6
30	1.2	2.2	1.3	1.4	---	1.4	1.4	2.5	.98	.92	4.1	2.8
31	1.4	---	2.1	1.4	---	.72	---	2.7	---	1.4	3.3	---
TOTAL	47.85	47.79	75.42	60.4	36.55	29.24	43.91	66.8	58.17	24.35	86.3	65.0
MEAN	1.54	1.59	2.43	1.95	1.31	.94	1.46	2.15	1.94	.79	2.78	2.17
MAX	3.6	2.9	5.1	3.4	2.4	1.8	2.1	2.9	3.4	1.9	20	3.4
MIN	.85	.89	.92	1.1	.82	.67	.60	1.4	.52	.15	1.1	1.1

CAL YR 1989 TOTAL 432.37 MEAN 1.18 MAX 5.8 MIN .40

WTR YR 1990 TOTAL 641.78 MEAN 1.76 MAX 20 MIN .15

SAVANNAH RIVER BASIN

355

02197332 SITE NO. 2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'50'', long 81°39'00'', Aiken County, Hydrologic Unit 03060106, on woods road 300 ft south south of SRS Road E and 2,700 ft southwest of H-Area, at Savannah River Site.

DRAINAGE AREA.--0.30 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 250 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--18 years, 1.69 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 165 ft³/s, Aug. 22, 1990, gage height, 10.57 ft; minimum daily, 0.24 ft³/s, Dec. 2, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 165 ft³/s, Aug. 22, gage height, 10.57 ft; minimum daily, 0.52 ft³/s, Mar. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.8	1.6	2.7	2.1	1.3	1.2	1.0	1.5	3.0	.83	1.1	3.3
2	3.0	2.1	1.9	1.6	1.2	1.7	1.0	2.3	3.5	.63	1.5	2.0
3	2.0	1.9	2.0	1.5	1.3	.84	1.5	2.8	3.7	.80	2.9	2.4
4	2.3	1.9	1.8	1.4	3.0	1.0	1.2	2.5	4.0	.69	1.5	2.1
5	2.4	1.5	2.5	1.4	2.6	.90	1.9	3.2	3.5	.54	1.7	2.3
6	2.4	1.2	1.5	2.4	2.2	.97	2.0	1.8	3.2	.61	1.5	2.5
7	1.2	1.5	1.6	3.0	2.0	.97	2.1	1.5	2.9	.68	1.1	1.8
8	1.9	1.4	4.2	3.7	2.3	1.4	.94	1.3	2.7	.63	1.4	2.9
9	1.5	1.4	3.3	3.0	2.0	2.1	1.0	1.8	2.5	1.3	2.8	3.8
10	1.8	2.3	2.3	2.5	1.9	1.3	1.4	1.5	3.0	.55	3.7	3.9
11	1.5	1.7	2.1	2.4	1.7	1.2	1.8	1.9	2.0	.56	1.7	3.8
12	2.2	2.0	3.7	1.6	1.5	.58	1.3	2.3	1.9	.88	1.6	2.2
13	2.5	2.0	2.7	1.6	1.4	1.0	1.8	1.7	2.6	1.4	1.6	2.2
14	1.9	2.9	1.9	2.0	1.0	.65	1.6	3.2	1.2	.96	1.8	2.5
15	2.6	2.2	2.0	1.1	1.6	.65	1.6	3.2	1.8	.89	1.7	2.6
16	2.1	2.0	2.3	1.6	2.1	.52	1.6	3.2	1.8	.59	2.7	3.0
17	2.6	1.5	1.9	1.5	2.2	1.8	1.4	2.4	2.0	.91	3.1	3.6
18	3.6	1.2	2.8	1.6	2.7	1.0	1.7	1.8	1.5	1.8	2.9	1.9
19	1.2	1.0	3.4	1.4	2.9	.93	1.7	1.3	2.2	1.1	1.7	1.8
20	1.9	2.3	2.4	1.6	1.9	.82	2.2	1.4	3.0	1.5	1.9	1.8
21	1.4	2.4	2.5	2.1	1.7	1.2	1.4	1.5	2.6	3.3	1.2	2.7
22	1.6	2.7	1.6	1.6	2.5	2.1	1.1	1.4	2.0	2.6	50	2.9
23	2.1	3.0	2.0	1.3	2.7	1.4	1.2	1.6	1.7	1.9	3.5	2.4
24	2.2	3.5	3.6	1.1	2.2	1.2	1.7	1.9	1.5	1.5	3.2	2.2
25	1.1	3.0	1.6	1.9	2.0	1.0	1.3	1.6	2.6	2.0	3.0	1.9
26	2.3	1.7	2.0	1.7	1.9	.84	1.8	3.2	1.4	1.9	2.5	1.1
27	2.9	2.2	1.9	1.4	1.8	1.5	2.0	3.0	1.3	1.3	2.1	1.4
28	1.2	3.0	1.9	1.3	2.0	1.2	1.4	3.6	1.1	1.4	2.0	2.7
29	1.5	3.1	2.1	1.4	---	1.0	1.8	3.2	1.1	1.2	2.2	2.9
30	1.6	3.9	1.3	1.4	---	1.5	2.5	2.9	1.0	1.9	4.4	2.9
31	1.8	---	1.9	1.3	---	1.2	---	2.0	---	1.1	3.6	---
TOTAL	65.1	64.1	71.4	55.5	55.6	35.67	46.94	68.5	68.3	37.95	117.6	75.5
MEAN	2.10	2.14	2.30	1.79	1.99	1.15	1.56	2.21	2.28	1.22	3.79	2.52
MAX	4.8	3.9	4.2	3.7	3.0	2.1	2.5	3.6	4.0	3.3	50	3.9
MIN	1.1	1.0	1.3	1.1	1.0	.52	.94	1.3	1.0	.54	1.1	1.1

CAL YR 1989 TOTAL 614.50 MEAN 1.68 MAX 8.6 MIN .33
WTR YR 1990 TOTAL 762.16 MEAN 2.09 MAX 50 MIN .52

SAVANNAH RIVER BASIN

02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'31'', long 81°39'12'', Barnwell County, Hydrologic Unit 03060106, located on Fourmile Creek, at right bank, on downstream side of bridge on SRS Road 4, 0.8 mi southwest of H-Area, at Savannah River Site.

DRAINAGE AREA.--5.95 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 205 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Oct. 4 to Nov. 1, June 30, July 1, 2, 6, 11, Sept. 2 - 4, which are poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--18 years, 7.01 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 22, 1990, gage height, 5.00 ft; minimum daily, 0.61 ft³/s, June 6, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 22, gage height, 5.00 ft; minimum daily, 1.2 ft³/s, July 1, 10, 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	5.0	4.7	8.0	5.3	5.0	3.9	2.9	1.8	1.2	3.0	3.4
2	17	5.1	3.6	5.8	5.1	5.0	3.8	3.3	2.0	1.4	4.6	3.1
3	6.2	4.4	3.3	4.8	5.1	4.3	3.9	3.3	1.8	1.5	3.7	2.9
4	4.8	3.7	4.1	3.9	11	4.5	3.5	3.0	1.9	1.4	3.9	2.7
5	2.6	3.6	4.5	4.0	7.0	4.3	3.3	9.5	1.5	1.4	3.1	2.8
6	2.7	3.4	8.3	7.2	5.6	4.6	3.5	5.7	2.0	1.3	3.0	3.0
7	1.6	3.3	6.3	10	5.0	4.4	4.2	3.4	1.6	1.3	3.0	2.9
8	2.2	3.5	19	12	5.8	4.6	3.8	3.0	2.1	1.3	3.6	3.9
9	2.1	5.3	16	7.5	5.1	5.6	3.6	3.2	1.6	2.1	5.5	3.3
10	2.1	5.0	7.6	5.4	5.2	5.0	4.0	5.3	1.8	1.2	7.5	3.6
11	1.8	3.5	6.2	6.1	5.6	4.7	17	3.2	2.0	1.2	3.8	3.8
12	2.3	3.8	11	7.1	5.0	4.5	5.6	3.4	1.7	1.7	2.7	2.8
13	2.7	3.5	9.9	4.6	4.7	4.7	3.9	3.0	2.0	3.1	3.2	3.6
14	2.5	3.8	5.9	4.8	4.1	4.1	3.4	3.0	2.5	2.2	3.4	3.3
15	3.6	10	7.0	4.7	4.4	3.9	3.5	2.8	3.2	2.0	3.5	3.5
16	3.4	9.7	6.9	4.7	12	3.8	3.4	2.5	2.9	1.7	4.1	3.0
17	3.8	5.2	6.3	4.6	8.6	8.8	3.2	3.0	3.1	1.9	5.4	3.3
18	4.9	5.1	6.7	4.6	7.3	6.8	3.1	3.0	2.9	6.4	4.4	2.7
19	3.6	4.3	8.6	4.0	10	4.5	3.1	2.6	2.8	3.5	3.8	2.5
20	3.9	4.6	7.2	4.8	6.2	4.2	3.7	2.3	3.3	3.3	3.0	2.4
21	3.6	4.1	6.7	6.0	5.3	4.4	3.4	2.6	3.3	4.8	3.3	2.7
22	3.8	4.2	4.7	5.0	7.4	5.4	2.9	2.2	2.6	11	59	2.5
23	4.5	7.7	5.5	4.4	7.5	4.3	2.9	2.1	2.3	5.5	7.6	2.4
24	4.8	6.0	5.0	4.4	5.8	4.0	2.7	3.4	2.3	4.0	3.6	2.3
25	4.4	4.0	4.8	6.4	5.6	3.6	2.7	2.5	1.7	12	2.6	2.0
26	5.0	3.6	5.2	6.7	5.4	4.1	2.6	2.3	1.5	7.3	2.1	2.2
27	5.7	3.8	5.1	4.9	5.4	4.2	2.8	1.8	2.1	4.0	1.8	2.2
28	5.1	4.4	5.0	4.3	5.0	3.8	4.1	2.4	1.6	3.6	1.6	2.2
29	5.2	4.4	4.9	8.6	---	4.5	3.8	2.0	1.7	3.1	1.8	2.3
30	5.4	4.6	3.8	5.2	---	5.6	3.2	2.2	1.3	2.9	2.6	2.5
31	5.5	---	6.5	5.1	---	4.6	---	2.0	---	3.5	5.9	---
TOTAL	144.8	142.6	210.3	179.6	175.5	145.8	118.5	96.9	64.9	102.8	170.1	85.8
MEAN	4.67	4.75	6.78	5.79	6.27	4.70	3.95	3.13	2.16	3.32	5.49	2.86
MAX	18	10	19	12	12	8.8	17	9.5	3.3	12	59	3.9
MIN	1.6	3.3	3.3	3.9	4.1	3.6	2.6	1.8	1.3	1.2	1.6	2.0

CAL YR 1989 TOTAL 1731.4 MEAN 4.74 MAX 24 MIN 1.4
WTR YR 1990 TOTAL 1637.6 MEAN 4.49 MAX 59 MIN 1.2

SAVANNAH RIVER BASIN

357

02197336 SITE NO. 4 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'21'', long 81°39'55'', Barnwell County, Hydrologic Unit 03060106, on Four Mile Creek at left bank, 300 ft above SRS Road C, 0.8 mi downstream of Site 3, 0.8 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--6.96 mi².

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 195 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 1 - 11, Feb. 10, 12 - 16, Feb. 28 to Mar. 2, 4, July 25, 26, Aug. 22. Records poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--18 years, 8.07 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 22, 1990, gage height, 6.56 ft; minimum daily, 1.6 ft³/s, May 17, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 22, gage height, 6.56 ft; minimum daily, 1.9 ft³/s, Mar. 4, 5, May 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	9.5	11	7.3	14	2.7	3.2	3.3	4.4	4.3	3.9	5.4
2	60	10	11	5.6	14	2.4	3.3	3.8	4.2	4.3	5.2	4.1
3	20	10	10	5.3	15	2.0	3.0	4.0	2.9	3.8	5.0	3.6
4	8.9	9.2	11	4.4	18	1.9	2.9	4.1	2.7	3.8	4.8	3.7
5	2.9	8.7	12	4.1	15	1.9	3.7	5.3	3.0	4.0	4.3	3.5
6	3.0	8.4	11	7.1	13	2.1	3.9	2.4	2.6	3.7	4.0	3.6
7	2.1	8.2	7.4	8.5	13	2.1	3.4	3.0	2.5	3.9	4.1	3.7
8	2.4	7.7	15	12	7.9	2.1	3.3	3.2	2.4	3.7	3.7	3.9
9	2.7	8.7	14	7.9	6.5	2.1	3.5	3.6	2.5	2.8	6.0	3.7
10	2.4	8.1	8.6	6.5	2.5	2.0	3.1	2.1	2.7	3.5	9.3	3.8
11	2.1	7.4	6.6	6.4	2.1	2.0	10	2.7	2.5	4.1	4.7	4.0
12	2.4	7.2	9.3	7.2	2.0	2.2	5.6	3.2	2.9	3.3	3.8	3.8
13	2.9	6.9	10	6.5	2.0	2.0	3.0	2.9	2.5	3.1	4.0	3.8
14	3.1	6.7	6.5	5.9	2.2	2.1	3.1	3.0	2.3	2.4	4.0	3.6
15	4.5	9.8	6.4	6.0	2.4	2.3	3.9	3.1	2.5	2.6	4.0	3.6
16	4.6	10	7.1	5.9	6.5	2.9	3.8	2.6	2.4	3.2	4.7	3.7
17	4.9	7.1	6.0	5.7	5.5	4.1	5.5	2.2	2.2	4.2	6.1	3.7
18	6.2	7.2	7.1	5.9	3.5	2.8	5.6	2.0	2.2	4.7	5.6	3.7
19	6.1	7.0	8.2	6.3	7.1	2.5	3.1	2.0	2.5	2.2	4.6	3.8
20	5.9	8.0	7.2	7.5	3.7	2.1	3.7	2.1	2.2	2.3	4.0	3.9
21	5.8	8.8	6.1	9.5	2.8	2.2	3.7	2.0	2.2	2.3	4.0	3.7
22	5.9	10	5.2	9.9	4.5	2.5	3.5	2.2	2.7	14	155	3.7
23	6.9	12	5.7	10	4.8	2.5	3.8	2.2	2.7	3.8	29	3.6
24	7.5	11	5.7	11	3.8	2.9	4.4	2.0	2.7	2.1	9.3	3.7
25	7.8	11	4.8	12	4.3	2.3	2.4	1.9	3.1	18	6.6	3.8
26	7.8	10	5.0	13	4.0	2.7	2.3	2.0	3.3	22	5.3	3.8
27	8.5	11	3.8	8.4	3.9	2.9	3.5	2.2	3.0	4.2	4.6	3.7
28	9.0	11	2.9	6.4	3.1	3.0	4.1	2.1	3.2	4.0	4.0	3.6
29	8.8	12	3.1	11	---	3.0	2.8	2.0	3.4	3.9	3.9	3.8
30	9.1	11	3.2	12	---	2.8	2.3	2.0	3.7	4.2	4.1	3.9
31	9.2	---	5.8	13	---	2.9	---	3.8	---	3.9	12	---
TOTAL	268.4	273.6	236.7	248.2	187.1	76.0	113.4	85.0	84.1	152.3	333.6	113.9
MEAN	8.66	9.12	7.64	8.01	6.68	2.45	3.78	2.74	2.80	4.91	10.8	3.80
MAX	60	12	15	13	18	4.1	10	5.3	4.4	22	155	5.4
MIN	2.1	6.7	2.9	4.1	2.0	1.9	2.3	1.9	2.2	2.1	3.7	3.5

CAL YR 1989 TOTAL 2116.2 MEAN 5.80 MAX 60 MIN 1.8
WTR YR 1990 TOTAL 2172.3 MEAN 5.95 MAX 155 MIN 1.9

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 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Data collection platform. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except estimated daily discharges: Oct. 1 - 4, Nov. 1 - 6, which are poor. Flow completely regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--18 years, 2.79 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 406 ft³/s, Aug. 5, 1974, gage height, 7.94 ft; minimum daily, 0.46 ft³/s, July 30, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 390 ft³/s, Aug. 22, gage height, 7.36 ft; minimum daily, 0.46 ft³/s, July 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	3.4	2.8	3.9	4.6	3.0	3.5	4.2	2.9	1.1	.60	1.0
2	3.6	3.8	2.8	3.6	3.9	3.0	4.1	3.0	3.3	1.3	2.0	1.1
3	4.7	3.2	3.3	3.7	3.5	3.0	4.3	2.6	3.2	1.7	.92	1.3
4	3.8	3.2	3.4	3.7	4.8	3.0	3.5	3.2	2.1	1.4	2.6	1.2
5	3.7	2.8	3.4	3.7	3.5	2.9	3.5	6.1	1.7	1.5	1.4	1.9
6	4.1	2.6	4.2	4.7	3.6	3.0	3.5	3.1	3.2	1.6	2.4	2.1
7	4.7	2.7	4.8	6.1	3.6	3.0	3.6	4.2	3.7	1.4	2.0	.93
8	4.9	2.8	7.5	4.0	3.6	3.0	3.4	3.4	4.1	1.3	.96	1.0
9	4.7	3.4	5.2	3.9	3.6	3.3	3.5	2.6	3.0	1.4	.66	1.1
10	5.1	3.8	3.0	4.7	3.7	3.0	3.6	3.8	2.8	1.4	1.2	1.1
11	4.9	2.7	3.4	3.5	3.6	3.0	3.5	3.4	2.9	1.3	.84	.83
12	4.9	2.5	5.7	3.6	3.6	3.2	3.5	3.5	2.5	1.7	.65	.88
13	5.1	2.6	3.9	3.6	3.6	4.2	3.6	2.6	3.0	3.1	.61	.85
14	5.1	2.6	3.7	3.6	3.6	2.9	3.6	2.6	2.6	1.5	.61	.87
15	4.7	3.5	4.1	3.6	3.7	2.9	3.5	2.9	3.3	1.1	.77	.68
16	3.5	3.7	4.5	3.6	5.9	2.9	3.5	2.0	3.2	1.2	1.1	.92
17	3.6	2.7	3.3	3.5	3.9	4.3	3.6	2.4	2.2	1.7	.62	1.2
18	4.1	2.7	4.5	3.4	5.5	2.9	3.5	2.7	1.6	3.0	.61	2.1
19	3.5	3.2	4.4	3.5	5.5	3.0	3.5	1.6	1.3	1.4	.59	1.5
20	3.3	3.9	3.1	3.5	5.0	3.0	3.5	1.4	1.3	1.4	.58	.78
21	3.6	4.6	3.2	3.9	4.0	3.4	2.9	1.5	2.0	1.3	.82	.81
22	3.9	3.6	3.1	3.8	4.5	3.6	2.1	1.3	2.5	1.8	43	.73
23	3.7	4.6	3.5	3.1	4.0	3.5	2.3	1.3	1.5	1.2	1.8	.69
24	3.9	3.1	3.7	3.6	3.9	3.4	2.2	1.6	1.3	1.8	2.0	.82
25	3.7	2.7	4.6	4.6	3.9	3.0	2.4	1.6	1.6	2.7	2.2	1.3
26	3.7	2.8	5.4	3.6	3.8	3.1	3.0	1.6	1.5	.83	2.2	1.2
27	3.6	2.6	5.2	3.7	3.4	3.7	3.2	1.7	1.4	.65	1.5	.84
28	3.2	3.3	3.7	3.7	2.9	3.4	4.9	2.2	1.5	.65	1.5	.87
29	2.8	2.8	3.8	3.8	---	4.3	3.2	2.6	1.3	.52	1.7	.84
30	3.2	2.2	3.8	3.5	---	4.3	3.8	2.7	1.2	.46	2.6	.89
31	4.4	---	5.0	2.8	---	3.8	---	1.9	---	.50	2.5	---
TOTAL	125.1	94.1	126.0	117.5	112.7	102.0	101.8	81.3	69.7	43.91	83.54	32.33
MEAN	4.04	3.14	4.06	3.79	4.02	3.29	3.39	2.62	2.32	1.42	2.69	1.08
MAX	5.1	4.6	7.5	6.1	5.9	4.3	4.9	6.1	4.1	3.1	43	2.1
MIN	2.8	2.2	2.8	2.8	2.9	2.9	2.1	1.3	1.2	.46	.58	.68

CAL YR 1989 TOTAL 1367.9 MEAN 3.75 MAX 17 MIN 2.2
WTR YR 1990 TOTAL 1089.98 MEAN 2.99 MAX 43 MIN .46

SAVANNAH RIVER BASIN

359

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 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 195 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Nov. 15, Feb. 4, Apr. 2, 8, May 5, July 13, 17, 22, 25, Aug. 22. Records poor.

AVERAGE DISCHARGE.--10 years, 3.40 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 22, 1990, gage height, 4.17 ft; minimum daily, 0.60 ft³/s, Sept. 15, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 22, gage height, 4.17 ft; minimum daily, 0.60 ft³/s, Sept. 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	1.6	2.2	2.7	2.9	2.5	2.8	2.8	2.8	1.0	.73	.86
2	1.9	2.2	2.2	2.6	2.6	2.5	2.9	2.4	3.1	1.3	2.1	.91
3	2.8	1.7	2.4	2.6	2.5	2.5	3.0	2.2	3.0	1.6	1.1	.99
4	2.1	1.8	2.5	2.6	3.6	2.5	2.7	2.5	2.6	1.4	2.7	.96
5	1.8	1.5	2.4	2.6	2.6	2.5	2.7	3.9	2.3	1.4	1.7	1.3
6	1.8	1.3	2.8	3.1	2.7	2.4	2.8	2.5	3.0	1.5	2.6	1.5
7	2.1	1.2	3.0	3.6	2.7	2.5	2.8	2.8	3.2	1.3	2.3	.77
8	2.3	1.3	5.5	2.9	2.7	2.5	2.7	2.5	3.3	1.1	1.3	.81
9	2.2	1.6	3.7	2.7	2.7	2.7	2.8	2.1	3.0	1.3	.97	.92
10	2.3	1.8	2.4	3.0	2.8	2.5	2.8	2.7	2.9	1.2	1.6	.88
11	2.2	1.3	2.5	2.5	2.7	2.5	2.8	2.6	2.9	1.1	1.2	.70
12	2.2	1.1	3.9	2.6	2.7	2.5	2.8	2.6	2.6	1.6	.87	.73
13	2.2	1.1	2.8	2.6	2.7	2.8	2.8	2.2	2.9	2.2	.78	.71
14	2.2	1.2	2.7	2.6	2.7	2.4	2.8	2.2	2.7	1.3	.76	.78
15	2.4	3.1	2.8	2.6	2.7	2.4	2.7	2.3	3.1	.98	.93	.60
16	1.6	3.3	3.0	2.5	4.5	2.4	2.7	2.3	3.0	1.0	1.5	.80
17	1.8	2.5	2.5	2.5	2.9	3.0	2.7	2.8	2.4	2.1	.80	1.0
18	2.2	2.4	2.9	2.4	3.7	2.5	2.7	2.1	2.1	2.7	.80	1.8
19	1.8	2.6	2.9	2.5	3.4	2.5	2.7	1.4	1.7	1.3	.75	1.5
20	1.8	2.9	2.4	2.5	3.2	2.5	2.7	1.2	1.6	1.1	.72	.72
21	2.0	3.2	2.4	2.6	2.9	2.6	2.4	1.4	2.1	1.0	.81	.74
22	2.2	2.8	2.4	2.5	3.1	2.7	1.9	1.4	2.4	2.3	14	.67
23	2.1	3.5	2.5	2.3	2.9	2.7	2.1	1.6	1.7	1.6	2.5	.63
24	2.2	2.5	2.6	2.5	2.9	2.6	2.0	1.9	1.4	2.2	2.4	.79
25	2.0	2.3	2.9	3.0	2.9	2.5	2.1	2.0	1.7	3.9	2.3	1.2
26	2.1	2.3	3.2	2.6	2.9	2.5	2.4	2.1	1.6	1.3	2.0	1.2
27	2.1	2.2	3.1	2.6	2.7	2.7	2.5	2.4	1.4	1.0	1.3	.82
28	1.8	2.5	2.6	2.6	2.5	2.6	3.5	2.5	1.5	1.0	1.2	.83
29	1.4	2.3	2.7	2.6	---	3.0	2.6	2.7	1.3	.89	1.1	.81
30	1.5	2.2	2.7	2.5	---	3.0	2.7	2.7	1.2	.84	1.4	.83
31	2.4	---	3.1	2.2	---	2.9	---	2.3	---	.86	1.6	---
TOTAL	63.2	63.3	87.7	81.7	81.8	80.4	79.6	71.1	70.5	45.37	56.82	27.76
MEAN	2.04	2.11	2.83	2.64	2.92	2.59	2.65	2.29	2.35	1.46	1.83	.93
MAX	2.8	3.5	5.5	3.6	4.5	3.0	3.5	3.9	3.3	3.9	14	1.8
MIN	1.4	1.1	2.2	2.2	2.5	2.4	1.9	1.2	1.2	.84	.72	.60

CAL YR 1989 TOTAL 1326.0 MEAN 3.63 MAX 20 MIN 1.1
WTR YR 1990 TOTAL 809.25 MEAN 2.22 MAX 14 MIN .60

SAVANNAH RIVER BASIN

02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'23'', long 81°40'05'', Aiken County, Hydrologic Unit 03060106, on Fourmile Creek at upstream side of bridge on SRS Road C, and 0.7 mi southeast of F-Area, at Savannah River Site.

DRAINAGE AREA.--7.53 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 193 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Aug. 22, which are poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--18 years, 12.4 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 22, 1990, gage height, 5.81 ft; minimum daily, 2.5 ft³/s July 1, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 22, gage height, 5.81 ft; minimum daily, 2.5 ft³/s, July 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	10	7.9	17	10	8.8	7.8	5.4	3.9	2.5	4.6	8.0
2	48	15	6.9	13	9.4	8.5	7.4	5.2	4.2	2.6	8.1	6.0
3	15	15	5.9	13	8.6	8.1	8.0	4.8	4.0	2.9	7.6	4.8
4	10	13	6.7	10	20	7.8	6.5	4.8	3.5	2.8	9.5	5.0
5	10	11	7.3	9.0	15	7.4	6.5	18	3.0	2.8	6.6	5.0
6	8.4	9.9	11	16	11	7.6	6.6	10	3.7	2.9	6.8	5.4
7	8.1	9.6	14	21	10	7.1	7.2	6.7	4.1	2.7	8.1	4.0
8	8.1	9.6	35	31	10	7.6	6.7	5.4	4.6	2.7	5.5	4.9
9	7.0	14	32	18	8.9	9.2	6.6	4.9	4.0	3.2	8.2	4.7
10	7.1	14	19	15	10	9.1	6.6	10	3.7	2.9	14	4.9
11	7.0	11	15	13	10	7.8	20	5.8	3.9	2.6	7.6	4.8
12	7.4	10	23	15	8.9	7.1	14	5.6	3.5	3.1	4.9	4.0
13	7.6	9.7	23	12	8.6	9.4	7.4	5.1	3.9	6.6	4.3	4.4
14	7.1	9.5	15	11	7.4	7.4	7.1	4.8	4.2	3.9	5.3	4.4
15	9.0	22	15	11	7.7	6.4	6.8	4.6	4.6	3.4	5.7	4.3
16	8.0	25	17	11	23	6.5	6.5	4.5	6.1	3.0	7.2	4.1
17	7.3	14	13	10	21	15	6.1	5.7	4.3	7.6	7.7	4.2
18	11	12	16	9.5	16	14	6.0	5.1	3.9	12	7.1	5.1
19	11	11	19	9.5	28	7.9	6.0	3.8	3.4	5.8	5.8	4.2
20	8.9	12	16	9.3	17	7.3	6.2	3.4	3.8	4.4	5.0	3.2
21	8.1	12	14	12	12	7.7	6.2	3.7	4.2	5.2	4.7	3.2
22	7.9	10	12	10	17	9.2	4.6	3.1	4.1	26	186	3.4
23	8.5	17	12	8.4	17	8.3	4.7	3.3	3.8	11	33	3.4
24	9.8	13	13	8.3	12	7.3	4.3	4.2	3.2	6.6	14	3.4
25	8.7	9.7	13	12	12	6.5	4.2	3.6	3.1	23	11	3.8
26	8.0	7.1	14	13	10	6.7	4.5	3.5	3.0	29	8.3	3.7
27	8.8	7.0	14	10	11	7.7	4.8	3.2	3.2	6.6	6.2	3.5
28	8.5	8.6	11	8.5	8.8	7.0	7.5	4.3	3.0	5.9	5.6	3.7
29	7.6	9.1	12	14	---	9.0	7.5	4.0	2.9	4.7	5.5	3.9
30	9.0	8.4	10	9.3	---	10	5.7	4.0	2.8	4.1	6.4	4.3
31	12	---	16	8.0	---	10	---	3.3	---	4.7	18	---
TOTAL	338.9	359.2	458.7	387.8	360.3	259.4	210.0	163.8	113.6	207.2	438.3	131.7
MEAN	10.9	12.0	14.8	12.5	12.9	8.37	7.00	5.28	3.79	6.68	14.1	4.39
MAX	48	25	35	31	28	15	20	18	6.1	29	186	8.0
MIN	7.0	7.0	5.9	8.0	7.4	6.4	4.2	3.1	2.8	2.5	4.3	3.2

CAL YR 1989 TOTAL 3921.8 MEAN 10.7 MAX 56 MIN 3.4
WTR YR 1990 TOTAL 3428.9 MEAN 9.39 MAX 186 MIN 2.5

SAVANNAH RIVER BASIN

361

021973405 C-001 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°15'13'', long 81°40'53'', Barnwell County, Hydrologic Unit 03060106, near right bank, on upstream side of culvert, 10 ft east of dirt road SRS A-6, 1000 ft northwest of C-Area, 0.6 mi upstream of Fourmile Creek, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 245 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 1, Nov. 15, May 5, July 13, 18, 25, Aug. 2, 10, 22, 30, Records poor. Flow completely regulated by Savannah River Site.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 1, 1989, gage height, 3.71 ft; no flow July 29, 30, 1988, Jan. 2, 20 - 23, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 3.71 ft; less than .01 ft³/s most of the year.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.61	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01
2	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.01
3	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
4	.01	.01	.01	.01	.06	.01	.01	.01	.01	.01	.01	.02
5	.01	.01	.01	.01	.01	.01	.01	.04	.01	.01	.01	.01
6	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.01
7	.01	.01	.02	.05	.01	.01	.01	.01	.01	.01	.01	.03
8	.01	.01	.21	.02	.01	.01	.01	.01	.02	.01	.01	.04
9	.01	.02	.05	.01	.01	.01	.01	.01	.01	.01	.01	.06
10	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.04	.06
11	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.07
12	.01	.01	.04	.01	.01	.01	.01	.01	.01	.02	.01	.05
13	.01	.01	.02	.01	.01	.01	.01	.01	.01	.03	.01	.05
14	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.06
15	.01	.04	.01	.01	.01	.01	.01	.01	.02	.01	.01	.02
16	.01	.02	.01	.01	.09	.01	.01	.01	.02	.01	.01	.01
17	.01	.01	.01	.01	.01	.04	.01	.01	.01	.01	.01	.03
18	.01	.01	.01	.01	.03	.01	.01	.01	.01	.04	.01	.02
19	.01	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.03
20	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02
21	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02
22	.01	.01	.01	.01	.02	.01	.01	.01	.01	.03	.18	.01
23	.01	.03	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01
24	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02
25	.01	.01	.01	.02	.01	.01	.01	.01	.01	.06	.01	.02
26	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02
27	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
28	.01	.02	.01	.01	.01	.01	.04	.02	.01	.01	.01	.02
29	.01	.01	.01	.01	---	.01	.01	.01	.01	.01	.01	.02
30	.01	.01	.01	.01	---	.02	.01	.01	.01	.01	.02	.01
31	.01	---	.02	.01	---	.01	---	.01	---	.01	.01	---
TOTAL	0.92	0.38	0.62	0.39	0.45	0.35	0.33	0.36	0.34	0.47	0.55	0.78
MEAN	.030	.013	.020	.013	.016	.011	.011	.012	.011	.015	.018	.026
MAX	.61	.04	.21	.05	.09	.04	.04	.04	.02	.06	.18	.07
MIN	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01

CAL YR 1989 TOTAL 8.64 MEAN .024 MAX .61 MIN .00
WTR YR 1990 TOTAL 5.94 MEAN .016 MAX .61 MIN .01

SAVANNAH RIVER BASIN

02197341 TRIBUTARY TO FOURMILE CREEK BELOW TWIN LAKES AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'55'', long 81°41'35'', Aiken County, Hydrologic Unit 03060106, 50 ft below Twin Lakes, 800 ft upstream from Four Mile Creek, and 0.75 mi west of C-Area at Savannah River Site.

PERIOD OF RECORD.--March 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 175 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Nov. 1, 2. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.88 ft³/s, Mar 4, 1987, gage height, 0.69 ft; minimum daily, 0.01 ft³/s, June 4 - 5, 1989, June 6 - 12, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.32 ft³/s, Aug. 24, gage height, 0.70 ft; minimum daily, 0.01 ft³/s, June 6 - 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

[illegible]

SAVANNAH RIVER BASIN

363

02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'40'', long 81°41'45'', Barnwell County, Hydrologic Unit 03060106, on right upstream end of concrete culvert pipe on Four Mile Creek at SRS Road A-7, 1.0 mi southwest of Area C, at Savannah River Site.

DRAINAGE AREA.--12.5 mi².

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 155 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--18 years, 16.90 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,230 ft³/s, Aug. 22, 1990, gage height, 5.90 ft; minimum daily, 2.7 ft³/s, July 2, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,230 ft³/s, Aug. 22, gage height, 5.90 ft; minimum daily, 2.7 ft³/s, July 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	9.6	11	22	13	13	13	8.6	5.5	3.2	12	15
2	121	12	11	15	15	13	11	7.7	6.0	2.7	13	10
3	24	14	9.6	14	13	13	12	7.3	6.8	3.3	22	8.5
4	14	11	9.9	13	19	12	10	7.5	6.1	3.4	16	7.8
5	13	10	10	12	24	12	9.9	13	4.5	3.3	16	7.7
6	11	9.2	12	19	14	12	9.8	23	4.4	3.3	14	7.8
7	10	9.2	17	22	14	11	11	10	5.8	3.2	17	7.2
8	10	9.1	39	37	14	11	10	9.0	7.6	2.9	15	6.4
9	9.4	12	46	19	13	13	10	7.8	9.9	3.1	16	7.4
10	8.9	12	24	17	14	15	10	14	6.1	5.2	26	6.9
11	9.4	10	15	15	15	12	17	11	6.4	6.2	20	6.8
12	9.1	9.3	17	15	13	11	20	8.6	5.7	4.5	14	6.7
13	9.6	8.8	31	15	13	13	11	8.5	5.1	6.5	12	5.9
14	9.7	8.9	17	13	12	12	11	7.7	5.7	11	12	6.8
15	13	18	14	13	12	10	11	7.5	6.0	5.8	12	7.7
16	11	24	16	13	18	11	9.8	7.0	11	4.4	14	6.4
17	9.8	13	14	13	34	18	9.3	7.5	8.2	4.4	14	5.8
18	12	11	15	13	16	22	9.0	8.8	6.3	16	15	6.4
19	14	11	19	13	31	13	8.9	6.6	5.4	20	14	7.0
20	11	11	19	13	20	11	9.3	5.5	5.0	10	12	5.3
21	10	12	15	17	15	11	9.6	5.1	5.7	11	11	5.0
22	9.9	11	14	15	16	12	7.7	5.0	6.5	10	415	5.0
23	9.8	19	12	13	21	12	7.6	4.5	6.5	28	67	4.8
24	10	14	13	13	16	11	7.1	5.0	4.6	9.8	23	4.5
25	10	12	14	14	14	10	6.6	5.9	4.2	13	16	4.6
26	8.9	10	15	21	14	10	6.7	5.3	4.0	89	14	5.0
27	8.9	10	15	15	14	11	7.4	5.1	3.9	20	12	4.9
28	9.3	11	13	13	13	11	8.0	7.4	4.0	14	10	4.9
29	8.4	15	13	15	---	13	16	7.3	3.7	13	9.3	5.4
30	8.6	11	12	16	---	14	9.5	6.3	3.5	13	9.5	6.2
31	9.6	---	16	13	---	17	---	5.4	---	12	22	---
TOTAL	452.3	358.1	518.5	491	460	390	309.2	248.9	174.1	355.2	914.8	199.8
MEAN	14.6	11.9	16.7	15.8	16.4	12.6	10.3	8.03	5.80	11.5	29.5	6.66
MAX	121	24	46	37	34	22	20	23	11	89	415	15
MIN	8.4	8.8	9.6	12	12	10	6.6	4.5	3.5	2.7	9.3	4.5

CAL YR 1989 TOTAL 5023.0 MEAN 13.8 MAX 121 MIN 5.9
WTR YR 1990 TOTAL 4871.9 MEAN 13.3 MAX 415 MIN 2.7

SAVANNAH RIVER BASIN

021973424 C-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'47'', long 81°40'27'', Barnwell County, Hydrologic Unit 03060106, at downstream end of culvert on tributary to Fourmile Creek, 300 ft southeast of C-Area, 0.5 mi north of SRS Road 3, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 2, Nov. 2 - 30, Jan. 4 - 29, Feb. 16, May 5, June 15, July 11 - 13, 18, 25, Aug. 2, 10, 22, 30. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 22, 1990, gage height, 2.19 ft; no flow, Sept. 29, 30, 1988, Oct. 1, 2, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 22, gage height, 2.19 ft; minimum daily 0.34 ft³/s, May 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.47	.69	.55	.69	.50	.50	.45	.53	.55	.50	.63	.50
2	1.3	.55	.74	.52	.46	.48	.45	.57	.55	.51	.64	.47
3	.52	.50	.61	.50	.41	.45	.49	.57	.52	.52	.47	.45
4	.57	.52	.61	.50	.66	.45	.59	.47	.52	.52	.47	.45
5	.50	.52	.61	.52	.45	.41	.52	1.4	.62	.52	.47	.46
6	.45	.49	.68	.58	.38	.45	.50	.63	.52	.51	.48	.50
7	.45	.61	.59	.62	.68	.53	.50	.43	.54	.53	.43	.43
8	.50	.54	1.5	.55	.55	.50	.50	.37	.63	.52	.51	.42
9	.50	.52	1.1	.52	.55	.50	.62	.53	.56	.50	.42	.45
10	.50	.55	.60	.51	.45	.45	.84	.65	.60	.59	.58	.43
11	.55	.55	.55	.52	.45	.41	.60	.57	.53	.59	.40	.43
12	.50	.56	.91	.55	.45	.45	.55	.46	.50	.60	.42	.49
13	.50	.58	.71	.55	.59	.49	.55	.34	.49	.74	.42	.43
14	.50	.69	.55	.56	.50	.54	.55	.76	.62	.45	.42	.44
15	.53	.60	.53	.52	.48	.41	.50	.63	.90	.51	.57	.62
16	.52	.60	.50	.51	1.0	.46	.49	.61	.51	.44	.43	.72
17	.50	.55	.50	.50	.61	.80	.77	.94	.51	.43	.46	.57
18	.56	.50	.50	.52	.75	.56	.61	1.0	.50	.74	.49	.70
19	.50	.53	.81	.55	.71	.52	.61	1.0	.53	.49	.50	.79
20	.56	.52	.53	.55	.53	.50	.61	1.0	.71	.43	.49	.60
21	.65	.52	.50	.48	.50	.59	.54	1.0	.52	.44	.50	.53
22	.55	.60	.50	.50	.73	.54	.50	1.0	.53	.48	2.6	.55
23	.49	.56	.55	.51	.54	.51	.50	1.0	.53	.43	.48	.56
24	.55	.55	.50	.56	.42	.52	.51	1.1	.54	.52	.47	.55
25	.53	.54	.45	.70	.37	.50	.79	1.0	.53	1.0	.48	.53
26	.65	.55	.45	.63	.40	.50	.74	1.0	.53	.55	.49	.66
27	.55	.59	.71	.55	.41	.50	.44	1.0	.65	.47	.48	.58
28	.55	.70	.51	.52	.58	.50	.74	.85	.48	.44	.56	.57
29	.55	.56	.51	.50	---	.53	1.7	.61	.48	.46	.51	.55
30	.55	.55	.45	.50	---	.61	.98	.55	.50	.46	.74	.55
31	.55	---	.63	.56	---	.55	---	.55	---	.46	.50	---
TOTAL	17.15	16.89	19.44	16.85	15.11	15.71	18.74	23.12	16.70	16.35	17.51	15.98
MEAN	.55	.56	.63	.54	.54	.51	.62	.75	.56	.53	.56	.53
MAX	1.3	.70	1.5	.70	1.0	.80	1.7	1.4	.90	1.0	2.6	.79
MIN	.45	.49	.45	.48	.37	.41	.44	.34	.48	.43	.40	.42

CAL YR 1989 TOTAL 197.86 MEAN .54 MAX 2.7 MIN .31
WTR YR 1990 TOTAL 209.55 MEAN .57 MAX 2.6 MIN .34

SAVANNAH RIVER BASIN

365

021973426 C-004 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'20'', long 81°40'25'', Barnwell County, Hydrologic Unit 03060106, near left bank 100 ft downstream from SRS Road 3, 0.5 mi south of C-Area, 0.6 mi west of junction of SRS Roads 3 and 5 at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to December 1988, January 1989 to current year.

GAGE.--Data collection platform. Elevation of gage is 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 570 ft³/s, May 28, 1984, gage height, 5.10 ft; no flow many days Apr.-Sept., 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 213 ft³/s, Aug. 22, gage height, 4.34 ft; minimum daily, 5.2 ft³/s, Apr. 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	7.3	8.4	8.0	7.6	10	6.2	11	11	10	11	8.0
2	30	7.3	8.4	8.0	7.6	10	5.9	11	11	10	12	8.0
3	8.2	7.3	8.4	8.0	7.6	10	5.7	11	11	10	16	8.0
4	7.6	7.3	8.4	8.0	7.6	9.9	5.5	11	11	10	16	8.0
5	7.4	7.4	8.7	8.0	7.6	9.7	5.5	14	11	9.8	16	8.4
6	7.0	7.7	9.1	8.0	7.5	9.7	5.5	19	11	8.8	16	8.4
7	6.9	8.0	9.2	8.0	7.6	9.7	5.5	16	11	6.8	16	8.4
8	6.9	8.0	9.7	8.8	8.0	9.7	5.4	15	11	6.2	16	8.4
9	6.9	7.8	9.2	8.2	8.0	9.8	5.3	15	11	6.2	16	8.4
10	6.9	7.6	8.6	8.0	8.0	10	5.6	15	12	6.2	16	8.4
11	6.9	7.6	8.4	8.0	8.0	10	6.2	15	13	6.2	12	8.4
12	6.9	7.6	8.4	7.9	8.0	10	5.7	15	16	6.6	12	8.4
13	6.9	7.6	8.4	7.6	8.0	10	5.7	15	18	7.4	12	8.4
14	6.9	7.6	8.4	7.4	8.0	10	5.8	15	20	6.8	12	8.4
15	6.9	7.8	8.4	7.1	8.0	10	5.8	15	21	6.2	12	8.4
16	6.9	7.5	8.4	6.9	8.5	11	5.7	15	37	6.2	12	8.4
17	6.9	7.3	8.4	6.9	9.7	12	5.7	15	36	6.3	12	8.4
18	6.9	7.4	8.2	6.9	9.7	13	5.7	15	34	13	12	8.4
19	7.1	7.6	8.0	6.9	9.7	13	5.4	15	31	8.5	12	8.4
20	7.3	7.6	8.0	6.9	9.7	13	5.3	15	30	8.0	12	8.4
21	7.3	7.6	8.0	6.9	9.7	12	5.3	14	27	8.0	12	8.4
22	7.3	7.6	8.0	6.9	9.7	11	5.3	13	23	8.0	105	8.4
23	7.3	8.4	8.0	6.9	9.7	11	5.3	13	19	8.0	24	8.4
24	7.3	8.4	8.0	6.9	9.7	9.1	5.2	12	17	8.0	9.0	8.4
25	7.3	8.4	8.0	6.9	9.9	7.2	6.4	12	16	16	8.8	8.4
26	7.3	8.4	8.0	7.3	10	6.4	8.6	11	15	12	8.5	8.4
27	7.3	8.4	8.0	7.3	10	6.1	8.8	11	15	7.8	8.4	8.4
28	7.3	8.4	8.0	7.3	10	6.0	9.2	11	14	7.5	8.3	8.4
29	7.3	8.4	8.0	7.3	---	6.0	11	11	13	7.3	8.0	8.4
30	7.3	8.4	8.0	7.6	---	5.9	11	11	11	7.3	8.0	8.4
31	7.3	---	8.0	7.6	---	6.2	---	11	---	7.7	8.0	---
TOTAL	261.7	233.7	259.1	232.4	243.1	297.4	189.2	418	537	256.8	479.0	250.4
MEAN	8.44	7.79	8.36	7.50	8.68	9.59	6.31	13.5	17.9	8.28	15.5	8.35
MAX	30	8.4	9.7	8.8	10	13	11	19	37	16	105	8.4
MIN	6.9	7.3	8.0	6.9	7.5	5.9	5.2	11	11	6.2	8.0	8.0

CAL YR 1989 TOTAL 2847.8 MEAN 8.40 MAX 32 MIN 3.2
WTR YR 1990 TOTAL 3657.8 MEAN 10.0 MAX 105 MIN 5.2

SAVANNAH RIVER BASIN

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 72.3°C, Aug. 19, 21, 1984; minimum, 3.0°C, Dec. 24, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 29; minimum, 3.0°C, Dec. 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.5	24.0	24.0	20.5	18.5	19.5	13.5	11.0	12.0	14.5	10.5	13.0
2	24.5	23.0	24.0	19.5	18.0	18.5	14.0	11.5	12.5	10.0	7.5	9.0
3	25.5	22.0	23.5	19.0	17.0	18.0	13.0	10.0	11.5	12.5	9.5	10.5
4	24.5	22.5	24.0	17.5	15.0	16.5	11.0	7.5	9.0	14.5	11.5	13.0
5	24.0	21.0	22.5	18.0	15.5	17.0	12.5	8.5	10.0	14.0	13.0	13.5
6	25.5	22.0	23.5	19.5	17.0	18.0	15.0	10.0	12.0	14.5	13.5	14.0
7	25.5	22.5	24.0	20.5	18.5	19.5	15.0	14.0	14.5	14.0	12.0	13.0
8	25.0	23.0	24.5	20.5	20.0	20.5	14.5	10.5	12.5	13.5	11.5	12.5
9	22.5	19.5	21.0	22.0	19.5	20.5	10.5	8.5	9.0	14.5	10.5	12.5
10	20.0	17.5	19.0	19.5	15.5	17.5	10.0	8.5	9.0	13.0	10.0	11.5
11	21.5	18.5	20.0	18.5	15.5	17.0	13.0	10.0	11.0	14.5	9.5	11.5
12	22.5	19.5	21.0	18.5	16.0	17.5	13.0	11.5	12.0	13.0	10.0	11.5
13	22.5	20.0	21.5	19.0	16.0	17.5	12.5	10.0	11.5	10.0	7.5	8.5
14	22.5	21.5	22.0	19.0	17.0	18.0	10.5	7.5	9.0	11.0	7.0	9.0
15	23.0	21.5	22.0	20.5	18.0	19.0	11.5	7.5	9.5	12.5	8.5	10.5
16	24.5	21.5	23.0	20.0	16.0	19.0	11.5	9.0	10.0	13.0	10.0	11.5
17	25.5	23.0	24.0	15.5	12.0	14.0	8.5	7.0	7.5	14.5	11.5	13.0
18	24.5	23.0	23.5	14.0	12.0	13.0	8.5	7.5	8.0	15.0	12.5	13.5
19	23.0	18.5	21.0	14.5	12.5	13.5	8.5	7.5	8.0	15.5	13.5	14.5
20	18.5	15.0	16.5	16.0	11.5	13.5	9.5	7.5	8.5	16.0	15.0	15.5
21	17.0	13.0	15.0	16.5	14.0	15.5	9.0	6.5	7.5	17.5	15.5	16.5
22	17.5	14.5	16.0	15.5	13.5	14.0	8.0	6.0	7.0	15.0	12.0	13.5
23	18.0	15.5	17.0	14.0	12.5	13.0	6.0	3.5	4.5	13.5	10.5	12.0
24	18.0	15.5	17.0	12.5	10.5	11.5	5.5	3.0	4.0	14.5	11.5	12.5
25	18.5	15.5	17.0	14.5	11.0	12.0	7.5	4.5	6.0	17.0	14.0	15.5
26	18.5	16.0	17.0	17.0	14.5	15.5	9.5	5.5	7.5	15.5	11.0	12.5
27	19.0	16.0	17.5	18.5	15.0	16.5	10.0	6.5	8.0	12.0	8.5	10.0
28	19.5	17.5	18.5	19.5	17.5	18.5	9.5	7.0	8.5	13.0	9.5	11.0
29	20.0	17.0	18.5	19.0	14.5	16.5	10.5	7.0	8.5	16.5	12.0	14.0
30	21.0	19.0	20.0	14.0	11.0	12.5	13.0	10.5	11.5	14.5	10.5	12.5
31	22.0	20.5	21.0	---	---	---	14.5	12.5	13.0	14.5	12.0	13.0
MONTH	25.5	13.0	20.5	22.0	10.5	16.5	15.0	3.0	9.5	17.5	7.0	12.5

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.0	11.0	12.0	15.5	12.5	14.0	19.0	17.5	18.0	27.0	22.5	24.5
2	18.0	13.0	15.5	15.0	13.5	14.5	20.0	19.0	19.5	28.0	23.5	25.0
3	19.5	15.0	17.0	16.0	15.0	15.5	20.5	18.5	19.5	27.5	24.5	26.0
4	19.5	16.5	18.0	15.5	13.0	14.0	19.0	15.5	17.5	28.0	25.0	26.0
5	16.0	12.5	14.0	16.0	13.0	14.5	18.0	16.5	17.0	26.0	23.5	24.0
6	14.0	10.5	12.0	16.5	13.5	15.0	19.0	17.5	18.0	23.0	20.5	21.5
7	17.0	14.5	15.5	16.5	13.5	15.0	20.0	18.5	19.5	23.0	18.5	20.5
8	15.5	12.5	14.5	14.5	12.0	13.0	19.0	16.5	17.5	23.5	19.0	21.0
9	18.0	15.5	16.5	14.0	12.0	13.0	18.0	16.5	17.0	22.5	21.5	22.0
10	17.5	16.5	17.0	15.5	13.5	14.5	19.5	18.0	19.0	26.0	21.5	23.0
11	16.5	13.5	15.0	18.5	15.5	17.0	20.0	19.5	19.5	24.0	19.0	21.5
12	14.5	12.0	13.0	20.0	17.5	18.5	19.5	17.0	18.0	25.5	21.0	23.0
13	17.0	11.5	14.5	21.0	18.0	19.5	18.0	16.0	17.0	25.5	22.5	24.0
14	17.5	13.5	15.5	21.5	18.5	20.0	17.5	17.0	17.0	27.0	22.0	24.5
15	20.5	15.0	17.5	22.5	19.0	20.5	18.5	17.5	18.0	28.0	23.5	25.5
16	20.5	18.0	19.0	23.5	20.5	22.0	19.5	18.5	19.0	28.5	24.0	26.5
17	19.5	17.5	18.5	22.0	19.0	21.0	20.0	18.5	19.5	27.5	25.5	26.5
18	17.5	13.5	15.0	19.0	16.0	17.5	20.5	19.5	20.0	26.5	22.5	24.5
19	14.0	12.5	13.0	19.5	16.0	17.5	19.0	17.5	18.0	27.0	21.5	24.0
20	16.5	14.0	15.0	18.5	15.5	16.5	19.0	17.5	18.0	27.5	24.0	25.5
21	14.5	11.5	13.0	16.0	12.5	14.0	20.0	18.5	19.5	29.0	25.0	26.5
22	19.0	14.0	16.5	18.0	13.5	15.5	21.0	20.0	20.5	27.5	24.5	26.0
23	17.5	15.5	16.5	18.0	15.5	16.5	21.5	20.0	21.0	26.0	22.0	24.0
24	16.5	11.5	14.0	18.5	17.0	18.0	21.5	20.0	21.0	25.0	22.0	23.5
25	13.5	10.0	12.0	19.0	18.5	18.5	24.0	19.5	21.5	26.0	21.5	24.0
26	12.0	9.0	10.5	19.0	18.5	19.0	24.5	20.0	22.0	27.0	23.0	25.0
27	13.0	9.0	10.5	19.0	18.0	18.5	25.0	20.5	22.5	28.5	24.5	26.5
28	15.0	11.5	13.0	18.0	16.5	17.0	23.5	21.0	22.0	27.0	25.0	25.5
29	---	---	---	17.5	17.0	17.0	23.5	20.0	21.5	26.0	23.5	25.0
30	---	---	---	17.0	16.0	16.5	26.0	21.0	23.0	26.5	21.5	24.0
31	---	---	---	17.5	16.5	17.0	---	---	---	25.5	22.5	24.0
MONTH	20.5	9.0	15.0	23.5	12.0	17.0	26.0	15.5	19.5	29.0	18.5	24.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	26.5	22.5	24.5	30.0	27.0	28.5	29.5	26.5	28.0	29.5	25.5	27.5
2	25.5	23.5	24.5	30.0	27.5	28.5	28.5	26.5	27.5	30.0	25.5	27.5
3	26.5	23.5	25.0	28.5	26.5	27.5	28.5	26.0	27.0	30.0	25.5	27.5
4	28.5	24.0	26.0	29.0	26.0	27.5	30.0	26.0	28.0	29.0	25.5	27.5
5	27.5	24.0	26.0	30.0	27.0	28.0	29.5	26.0	28.0	29.0	24.5	26.5
6	28.5	24.5	26.5	29.0	27.0	27.5	29.5	26.0	28.0	29.5	24.5	27.0
7	29.0	25.5	27.5	28.0	26.5	27.0	28.5	26.5	27.5	30.0	25.0	27.5
8	28.5	26.0	27.5	27.5	26.5	27.0	28.0	25.5	27.0	30.5	25.5	28.0
9	28.5	25.0	26.5	27.5	26.5	26.5	28.5	25.5	27.0	30.0	26.0	28.0
10	30.0	26.0	27.5	27.5	26.0	26.5	29.0	24.5	27.0	30.5	25.5	28.0
11	29.0	26.0	27.5	27.0	26.0	26.5	29.5	25.0	27.0	30.5	25.5	28.0
12	27.5	24.0	26.0	27.5	25.5	26.5	30.0	25.5	28.0	29.5	25.5	27.5
13	27.5	23.5	25.5	27.0	25.5	26.0	29.5	26.0	28.0	29.5	25.0	27.5
14	28.0	24.0	26.0	26.0	25.0	25.5	29.5	26.5	28.0	27.0	25.5	26.0
15	28.5	25.5	27.0	26.0	24.5	25.0	29.5	25.5	27.5	30.0	24.5	26.5
16	27.5	26.0	26.5	26.0	24.5	25.0	29.5	26.0	28.0	28.5	23.0	25.5
17	27.5	25.0	26.0	26.0	24.5	25.0	28.5	26.0	27.0	27.0	22.0	24.5
18	28.5	25.0	26.0	26.0	24.5	25.0	28.5	25.0	26.5	26.5	22.0	24.5
19	29.5	26.5	27.5	26.0	24.5	25.0	29.5	25.5	27.5	26.5	22.0	24.5
20	28.5	25.0	26.5	26.0	24.5	25.0	29.5	26.0	28.0	28.0	23.5	25.5
21	29.5	26.5	27.5	26.5	24.5	25.5	30.5	26.5	28.5	29.0	24.0	26.5
22	30.5	27.5	29.0	26.5	25.0	26.0	28.5	23.0	25.0	28.0	25.0	26.5
23	29.5	27.0	28.0	26.0	24.5	25.0	29.0	25.0	26.5	27.0	23.0	25.0
24	27.5	24.5	26.0	26.0	25.0	25.5	30.0	25.0	27.5	24.5	19.5	22.0
25	27.5	24.5	26.0	26.0	25.0	25.5	29.0	26.5	27.5	25.0	19.0	22.0
26	28.5	25.0	26.5	27.0	25.0	26.0	29.5	26.0	27.5	25.5	19.5	22.5
27	28.5	25.5	27.0	26.5	24.0	25.5	29.5	26.0	27.5	26.0	20.0	23.0
28	28.5	26.0	27.5	26.0	24.5	25.5	30.5	25.5	28.0	24.5	22.0	23.5
29	29.5	26.0	27.5	27.0	24.5	25.5	31.0	26.5	28.5	24.0	21.5	23.0
30	29.5	27.0	28.0	27.0	25.0	26.0	29.0	26.5	27.5	24.0	22.0	23.0
31	---	---	---	29.0	25.5	26.5	29.0	25.0	27.0	---	---	---
MONTH	30.5	22.5	26.5	30.0	24.0	26.0	31.0	23.0	27.5	30.5	19.0	25.5
YEAR	31.0	3.0	20.0									

SAVANNAH RIVER BASIN

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'21'', long 81°43'26'', Barnwell County, Hydrologic Unit 03060106, on left downstream side of bridge on SRS Road A-12.2, 500 ft northwest of SRS Road A-13, 1.0 mi southeast of Area D, at Savannah River Site.

DRAINAGE AREA.--22.0 mi².

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

GAGE.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharge: July 20 - 24, which are poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,060 ft³/s, Aug. 22, 1990, gage height, 4.69 ft; minimum daily, 6.7 ft³/s, July 8 - 10, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,060 ft³/s, Aug. 22, gage height, 4.69 ft; minimum daily, 6.7 ft³/s, July 8 - 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	20	22	40	23	23	22	17	14	9.4	12	40
2	255	22	22	30	26	23	20	16	15	9.1	16	25
3	71	28	20	26	25	23	19	20	17	8.2	26	21
4	32	24	20	25	27	22	18	14	16	8.5	23	19
5	25	22	21	24	39	22	17	20	14	8.6	21	18
6	23	21	21	31	26	21	17	36	13	8.4	20	17
7	21	20	28	40	25	21	18	22	14	7.4	23	18
8	20	21	53	58	24	21	18	18	23	6.7	26	17
9	19	26	77	39	24	24	17	18	35	6.7	21	17
10	18	24	53	31	25	27	17	25	18	6.7	26	16
11	19	23	32	28	26	23	22	23	18	9.0	33	16
12	19	21	32	27	23	22	30	18	15	9.2	21	17
13	19	20	50	27	22	22	20	18	14	12	17	16
14	19	20	35	25	22	23	18	18	14	24	16	17
15	24	30	28	25	22	21	18	17	15	15	16	19
16	25	45	28	25	29	21	17	17	23	10	17	18
17	22	31	27	25	50	28	16	17	21	8.9	19	16
18	25	23	27	24	30	40	16	20	17	17	19	16
19	29	22	35	25	45	26	15	17	15	37	19	17
20	23	22	37	25	37	22	15	15	13	19	18	17
21	21	23	29	29	28	21	16	14	13	18	16	16
22	21	23	26	28	28	22	15	14	14	18	429	16
23	20	35	24	25	35	23	13	13	14	17	253	15
24	20	30	24	24	28	22	13	13	13	18	68	15
25	21	25	25	26	25	20	12	14	12	19	37	15
26	20	23	26	37	24	19	14	14	11	87	28	16
27	19	21	27	28	24	18	14	14	11	43	25	16
28	19	23	26	25	24	19	16	18	11	16	22	16
29	19	30	24	25	---	21	27	19	11	13	20	16
30	19	23	24	30	---	25	19	16	10	13	19	17
31	19	---	28	25	---	29	---	15	---	11	39	---
TOTAL	967	741	951	902	786	714	529	550	464	513.8	1365	535
MEAN	31.2	24.7	30.7	29.1	28.1	23.0	17.6	17.7	15.5	16.6	44.0	17.8
MAX	255	45	77	58	50	40	30	36	35	87	429	40
MIN	18	20	20	24	22	18	12	13	10	6.7	12	15

CAL YR 1989 TOTAL 8879 MEAN 24.3 MAX 255 MIN 10
WTR YR 1990 TOTAL 9017.8 MEAN 24.7 MAX 429 MIN 6.7

SAVANNAH RIVER BASIN

369

02197345 K-011 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'40'', long 81°40'28'', Barnwell County, Hydrologic Unit 03060106, approximately 500 ft upstream of Indian Grave Branch, 0.3 mi upstream of SRS Road B, 0.5 mi west of K-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated completely by Savannah River Site operations.

AVERAGE DISCHARGE.--6 years, 241 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 554 ft³/s, Oct. 2, 1985, gage height, 3.45 ft; minimum daily, 12 ft³/s, June 16, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 109 ft³/s, Apr. 18, gage height, 2.57 ft; minimum daily, 12 ft³/s, June 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	51	60	28	28	43	83	49	24	54	43	25
2	69	51	48	29	28	40	79	47	24	56	38	25
3	68	53	35	28	28	39	79	48	24	57	37	25
4	68	52	40	28	28	39	79	52	25	57	37	29
5	69	51	35	28	28	40	75	52	24	57	37	34
6	57	51	31	28	28	39	72	53	25	54	38	33
7	56	51	32	28	28	40	74	54	25	49	40	35
8	45	51	32	28	28	39	72	50	25	48	36	40
9	61	50	30	28	31	39	68	42	25	48	36	44
10	66	51	28	28	31	39	49	44	27	49	37	30
11	62	51	28	42	31	39	50	55	25	50	37	29
12	63	51	28	30	31	39	51	57	25	48	37	34
13	59	51	28	28	31	39	71	57	25	42	36	34
14	52	51	28	28	31	40	73	54	24	40	36	33
15	50	51	29	28	31	39	72	53	23	39	37	33
16	51	51	28	28	32	39	69	40	12	37	37	33
17	51	51	29	28	32	40	73	42	24	38	37	35
18	53	51	28	28	33	39	76	51	26	38	37	35
19	52	51	28	29	32	39	74	39	26	37	37	37
20	51	51	30	30	32	39	67	33	35	39	37	31
21	49	51	29	28	32	40	53	33	32	50	39	45
22	51	51	28	28	35	39	53	33	26	50	45	52
23	50	48	28	29	39	34	69	37	26	51	39	56
24	50	55	28	29	39	28	66	52	26	50	39	59
25	51	52	28	30	39	28	67	53	24	47	35	57
26	51	57	28	30	40	31	66	53	24	42	35	52
27	51	65	29	30	44	45	64	52	24	42	35	52
28	52	59	29	31	42	41	51	56	39	42	35	53
29	52	60	28	30	---	48	49	57	44	43	35	48
30	52	61	28	29	---	76	50	45	54	42	29	45
31	51	---	28	28	---	69	---	26	---	42	28	---
TOTAL	1729	1581	966	902	912	1268	1994	1469	812	1438	1141	1173
MEAN	55.8	52.7	31.2	29.1	32.6	40.9	66.5	47.4	27.1	46.4	36.8	39.1
MAX	69	65	60	42	44	76	83	57	54	57	45	59
MIN	45	48	28	28	28	28	49	26	12	37	28	25

CAL YR 1989 TOTAL 27283 MEAN 74.7 MAX 476 MIN 28
WTR YR 1990 TOTAL 15385 MEAN 42.2 MAX 83 MIN 12

SAVANNAH RIVER BASIN

02197345 K-011 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 71.5°C, Jun. 11-12, 1986; minimum 6.0°C, Jan. 28, 29, 1986, Jan. 9, 10, 1988.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.5°C, June 10; minimum, 5.5°C, Dec. 24, 26.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	22.0	22.0	20.0	18.5	19.0	15.0	13.5	14.0	10.0	8.0	9.5
2	---	---	---	18.5	18.0	18.5	14.0	12.5	13.0	10.0	8.0	8.5
3	---	---	---	19.5	17.0	18.0	13.0	11.0	12.0	11.0	8.5	9.5
4	---	---	---	18.5	17.0	17.5	12.5	11.0	11.5	11.5	9.5	10.0
5	22.5	20.5	21.5	18.5	16.5	17.0	13.0	10.5	11.5	10.5	10.0	10.0
6	23.0	21.0	21.5	18.0	16.5	17.5	13.0	10.5	11.5	11.5	10.0	10.5
7	23.0	21.0	21.5	18.5	17.0	18.0	12.5	11.5	12.0	10.5	10.0	10.5
8	23.0	20.5	21.5	18.5	18.0	18.0	12.5	11.5	12.0	11.5	10.0	10.5
9	21.5	19.5	20.5	19.5	17.5	18.5	11.5	11.0	11.0	12.0	9.5	10.5
10	20.5	19.0	19.5	19.0	17.0	17.5	12.0	11.0	11.5	12.0	10.0	10.5
11	21.0	18.5	19.5	18.5	16.5	17.5	13.0	11.0	11.5	11.5	9.5	10.0
12	21.0	19.0	19.5	18.5	16.5	17.5	12.0	11.0	11.5	11.0	8.5	9.5
13	21.5	19.5	20.0	18.5	16.5	17.0	11.5	9.5	10.5	10.5	8.0	9.0
14	21.0	20.0	20.5	17.5	16.5	17.0	11.5	9.5	10.0	10.5	7.5	9.0
15	22.0	20.0	20.5	18.5	17.0	17.5	11.5	9.0	10.0	11.5	8.0	9.5
16	22.5	20.0	21.0	17.5	16.0	17.0	11.0	9.0	9.5	12.0	8.5	10.0
17	22.5	20.5	21.5	17.0	14.5	15.5	9.5	8.5	9.0	12.0	9.0	10.0
18	22.0	21.5	21.5	15.5	14.5	14.5	9.5	8.5	9.0	12.0	10.0	10.5
19	21.5	19.0	20.5	15.0	13.5	14.0	8.5	8.5	8.5	12.5	10.0	11.0
20	19.0	17.5	18.0	15.0	13.0	13.5	9.5	8.0	8.5	11.5	11.0	11.5
21	19.0	17.0	17.5	15.0	13.5	14.0	10.0	7.5	8.5	13.0	11.0	12.0
22	18.5	16.0	17.0	14.5	13.0	14.0	8.5	7.0	8.0	13.0	10.0	11.0
23	18.0	15.5	16.5	14.0	13.0	13.5	7.0	6.0	6.5	13.0	10.0	11.0
24	18.0	15.5	16.5	13.5	12.0	12.5	7.5	5.5	6.0	12.5	10.5	11.5
25	18.5	16.0	17.0	13.5	12.0	12.5	7.5	6.0	6.5	13.0	11.5	12.0
26	19.0	16.5	17.5	14.0	13.0	13.5	8.0	5.5	6.5	12.0	9.5	10.5
27	19.0	17.0	17.5	15.0	13.5	14.0	8.0	6.0	7.0	12.5	9.0	10.5
28	19.5	17.5	18.0	15.5	14.5	15.0	9.0	6.5	7.5	12.5	9.5	10.5
29	19.5	17.5	18.0	15.5	14.5	15.0	9.0	6.5	7.5	12.5	10.0	11.0
30	19.5	18.0	18.5	15.0	13.5	14.5	10.5	8.0	9.0	12.5	9.5	11.0
31	20.0	19.0	19.0	---	---	---	10.0	9.0	9.5	13.0	10.0	11.0
MONTH	23.0	15.5	19.5	20.0	12.0	16.0	15.0	5.5	9.5	13.0	7.5	10.5

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.5	9.5	11.0	13.0	10.5	11.5	15.5	13.5	14.5	23.0	19.5	21.0
2	13.5	11.0	12.0	12.0	11.0	11.5	16.5	15.0	15.5	24.0	20.0	21.5
3	14.5	11.5	12.5	13.0	12.0	12.5	17.0	15.0	16.0	23.5	21.5	22.0
4	14.5	12.0	13.0	14.0	11.5	12.5	17.0	15.0	16.0	23.5	21.0	22.0
5	14.5	11.5	12.5	15.0	11.5	12.5	17.5	15.5	16.0	21.5	20.0	21.0
6	14.5	11.0	12.5	14.5	11.5	13.0	17.5	16.0	16.5	21.0	18.5	19.5
7	15.5	12.5	13.0	13.5	12.0	12.5	17.5	16.0	16.5	21.0	18.0	19.0
8	14.5	11.5	13.0	12.0	11.5	11.5	17.5	15.5	16.5	20.5	18.0	19.0
9	14.0	12.5	13.0	12.5	11.5	12.0	18.0	15.5	16.5	20.0	18.5	19.5
10	13.5	12.5	13.0	15.0	11.5	13.0	18.5	16.5	17.5	22.5	18.5	20.0
11	14.5	11.5	12.5	15.5	12.5	13.5	19.0	16.0	17.5	21.0	18.0	19.0
12	14.5	11.0	12.0	16.5	13.0	14.5	18.0	15.0	16.5	21.5	18.0	19.5
13	14.5	11.0	12.5	17.0	14.0	15.0	17.0	14.5	15.5	21.0	19.0	20.0
14	14.5	11.5	12.5	17.5	14.5	15.5	16.0	15.0	15.5	22.5	19.0	20.5
15	15.0	12.5	13.5	17.5	15.0	16.0	18.0	16.0	16.5	23.5	20.0	21.5
16	15.5	13.0	14.0	18.0	16.0	16.5	18.5	16.0	17.0	25.0	20.5	22.5
17	15.5	13.0	14.0	16.5	15.5	16.0	19.0	16.5	18.0	23.5	20.5	22.0
18	13.0	12.0	12.5	17.5	14.5	15.5	18.5	17.0	18.0	21.5	19.0	20.5
19	13.0	12.0	12.5	16.5	14.0	15.0	17.0	16.0	16.5	23.0	18.0	20.0
20	14.5	11.5	12.5	16.0	13.0	14.0	17.5	15.5	16.0	23.5	19.0	20.5
21	13.5	11.0	11.5	16.0	12.5	13.5	18.0	15.5	16.5	24.5	19.5	21.5
22	14.5	12.0	13.0	16.0	12.0	13.5	18.5	16.0	17.0	23.0	19.0	21.0
23	13.5	11.5	13.0	17.0	12.5	14.5	19.0	17.0	18.0	23.5	18.0	20.0
24	14.0	11.0	12.0	17.0	13.0	15.0	20.0	17.5	18.5	21.0	18.5	19.5
25	13.0	10.5	11.5	18.0	14.0	15.5	21.0	18.5	19.5	22.0	18.5	20.0
26	12.5	9.5	10.5	17.5	14.5	15.5	21.0	18.5	19.5	22.0	19.0	20.5
27	12.5	9.5	10.5	15.5	13.5	14.5	20.5	18.0	19.5	22.5	20.0	21.0
28	12.5	10.0	11.0	15.5	13.5	14.0	20.0	19.0	19.0	22.5	20.5	21.0
29	---	---	---	14.5	14.0	14.0	20.5	18.5	19.0	22.5	20.5	21.5
30	---	---	---	14.0	13.5	13.5	22.5	18.5	20.0	24.5	20.0	22.0
31	---	---	---	14.5	13.5	14.0	---	---	---	24.5	19.5	21.5
MONTH	15.5	9.5	12.5	18.0	10.5	14.0	22.5	13.5	17.0	25.0	18.0	20.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.0	19.0	22.0	27.0	24.5	25.5	27.0	25.5	26.0	28.0	24.5	26.0
2	23.5	20.0	21.5	27.5	25.0	26.0	27.0	25.0	25.5	28.0	24.0	26.0
3	28.0	21.0	23.0	27.0	25.0	26.0	26.0	24.5	25.0	28.0	24.5	26.0
4	28.0	21.0	24.0	27.5	25.0	26.0	26.5	24.0	25.0	27.5	24.5	25.5
5	28.0	20.0	23.5	27.0	25.5	26.0	26.0	24.0	25.0	27.0	24.5	25.5
6	28.5	21.0	24.0	27.0	25.0	25.5	26.5	24.5	25.0	27.0	24.0	25.5
7	28.5	22.0	24.5	27.0	25.0	26.0	26.5	25.0	25.5	26.5	24.0	25.0
8	29.0	22.5	25.0	27.0	25.0	26.0	27.0	25.0	25.5	26.5	24.0	25.0
9	29.5	22.5	25.5	27.0	25.0	26.0	26.5	25.0	25.5	26.0	24.0	25.0
10	30.5	23.0	26.0	28.0	25.5	26.0	26.5	24.0	25.0	27.0	23.5	25.0
11	29.0	22.5	25.5	27.5	25.5	26.5	26.0	23.5	24.5	27.0	24.0	25.0
12	28.5	21.5	24.5	27.5	25.5	26.5	26.5	24.0	25.0	27.0	24.5	25.5
13	28.5	21.0	24.5	27.0	25.0	25.5	26.5	24.0	25.5	26.5	24.5	25.5
14	28.5	22.0	25.0	25.5	24.5	25.0	27.5	25.0	26.0	25.5	24.5	25.0
15	29.0	23.0	25.5	26.0	24.5	25.0	28.0	25.0	26.0	27.0	24.5	25.5
16	26.5	24.0	25.0	26.0	24.0	25.0	27.5	25.5	26.0	26.5	23.5	24.5
17	28.5	23.5	25.5	26.5	24.5	25.0	26.5	24.5	25.5	25.5	23.0	24.0
18	29.0	23.0	26.0	25.5	24.5	25.0	26.0	24.5	25.0	25.0	22.5	23.5
19	30.0	24.0	26.0	25.5	24.5	25.0	26.5	24.0	25.0	25.0	22.0	23.0
20	29.0	23.5	25.5	26.0	24.5	25.0	27.0	24.5	25.5	26.0	23.0	24.0
21	30.0	23.5	26.0	26.0	24.0	24.5	27.5	25.0	26.0	25.5	23.5	24.5
22	30.0	24.0	26.5	25.5	24.0	24.5	26.0	25.0	25.5	25.5	24.0	24.5
23	28.0	23.0	25.0	25.5	24.0	24.5	27.0	25.0	25.5	24.5	22.5	24.0
24	28.0	21.5	24.0	26.0	24.5	25.0	27.0	24.5	25.5	23.5	21.5	22.5
25	27.0	21.5	24.0	26.5	24.5	25.0	27.5	24.5	25.5	23.0	21.0	22.0
26	28.5	23.0	25.0	26.5	24.5	25.5	27.5	24.5	25.5	23.0	21.0	22.0
27	28.5	23.0	25.5	26.0	24.0	25.0	27.5	25.0	26.0	23.0	21.0	22.0
28	27.5	23.5	25.0	25.5	24.0	24.5	28.0	25.0	26.5	23.0	21.5	22.0
29	27.0	24.0	25.5	26.0	24.0	25.0	28.5	25.5	27.0	23.0	21.5	22.0
30	28.5	24.5	25.5	26.5	24.5	25.5	28.0	25.5	26.5	23.5	22.0	22.5
31	---	---	---	27.5	25.0	26.0	27.5	24.5	26.0	---	---	---
MONTH	30.5	19.0	25.0	28.0	24.0	25.5	28.5	23.5	25.5	28.0	21.0	24.5
YEAR	30.5	5.5	18.5									

SAVANNAH RIVER BASIN

021973455 INDIAN GRAVE BRANCH AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'15'', long 81°40'31'', Aiken County, Hydrologic Unit 0306106, on right bank, 0.5 mile upstream of Road B and 350 ft upstream of confluence of K-011 reactor discharge, at Savannah River Site.

DRAINAGE AREA.--2.06 mi².

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 225 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 22, 1990, gage height, 5.84 ft; minimum daily, 0.07 ft³/s, June 11, 12, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 22, gage height, 5.84 ft; minimum daily, 0.25 ft³/s, Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	.73	.31	.67	.53	.51	.41	.52	.79	.52	.38	.37
2	.83	.82	.32	.46	.55	.51	.41	.54	.79	.49	.39	.35
3	1.0	.80	.33	.44	.56	.49	.85	.54	.78	.47	.41	.33
4	.39	.77	.36	.46	.68	.47	.40	.54	.77	.46	.40	.32
5	.38	.88	.36	.48	.73	.45	.42	.55	.74	.42	.39	.32
6	.36	.83	.37	.79	.64	.45	.41	.56	.71	.38	.38	.30
7	.37	.95	1.1	1.2	.68	.42	.46	.53	.67	.40	.45	.29
8	.39	1.1	3.4	1.6	.62	.41	.45	.51	1.0	.40	.62	.28
9	.38	1.8	1.6	1.4	.75	.44	.45	.52	.87	.40	.42	.30
10	.40	2.7	.57	.53	.73	.41	.49	.61	.77	.40	.45	.27
11	.44	1.4	.47	.40	.61	.37	.55	.52	.74	.42	.43	.26
12	.46	1.1	1.2	.41	.58	.38	.54	.51	.71	.60	.40	.28
13	.47	1.1	.80	.39	.58	.33	.53	.54	.70	.65	.40	.25
14	.49	.95	.49	.40	.58	.32	.53	.57	.70	.68	.41	.32
15	.76	1.8	.47	.40	.55	.33	.54	.57	.73	.70	.40	.35
16	.63	1.1	.47	.39	.90	.33	.57	.58	.95	.59	.40	.32
17	.68	.78	.43	.40	.63	.44	.56	.57	.91	.57	.40	.30
18	.88	.71	.46	.41	.64	.35	.55	.57	.83	1.0	.48	.32
19	.77	.80	.74	.47	.75	.30	.54	.57	.72	.85	.47	.29
20	.69	.70	.54	.50	.50	.29	.53	.61	.66	.75	.47	.27
21	.68	.62	.45	.61	.59	.28	.55	.61	.67	.64	.67	.26
22	.68	.55	.44	.54	.69	1.2	.56	.59	.70	.63	.30	.30
23	.67	.71	.42	.52	.58	.90	.54	.63	.67	.72	1.1	.31
24	.65	.41	.44	.57	.51	1.3	.53	.65	.65	.64	.59	.28
25	.62	.37	.45	.69	.52	.36	.52	.67	.63	.80	.45	.28
26	.62	.34	.46	.85	.53	.40	.50	.67	.61	1.2	.44	.28
27	.60	.32	.45	.62	.55	.37	.49	.66	.59	.63	.41	.27
28	.61	.36	.45	.65	.53	.36	.50	.81	.56	.60	.40	.27
29	.61	.48	.46	.60	---	.46	.58	.83	.55	.62	.32	.28
30	.70	.32	.43	.54	---	.41	.52	.83	.54	.60	.33	.31
31	.70	---	.69	.56	---	.48	---	.81	---	.59	.45	---
TOTAL	20.31	26.30	19.93	18.95	17.29	14.52	15.48	18.79	21.71	18.82	43.71	8.93
MEAN	.66	.88	.64	.61	.62	.47	.52	.61	.72	.61	1.41	.30
MAX	2.4	2.7	3.4	1.6	.90	1.3	.85	.83	1.0	1.2	.30	.37
MIN	.36	.32	.31	.39	.50	.28	.40	.51	.54	.38	.32	.25

CAL YR 1989 TOTAL 215.69 MEAN .59 MAX 4.5 MIN .24
WTR YR 1990 TOTAL 244.74 MEAN .67 MAX 30 MIN .25

SAVANNAH RIVER BASIN

373

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12'', long 81°38'51'', Barnwell County, Hydrologic Unit 03060106, at center, upstream side of culvert on SRS Rd B, 1.2 mi west of SRS Rd 7, 1.9 mi above Indian Grave Branch, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

AVERAGE DISCHARGE.--6 years, 5.45 ft³/s.

GAGE.--Water-stage recorder. Elevation of gage is 160 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Oct. 1, 2, Feb. 10 to Mar. 2, which are poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 426 ft³/s, Aug. 22, 1990, gage height, 6.66 ft; minimum daily, 0.21 ft³/s, July 6, 8, 9, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 426 ft³/s, Aug. 22, gage height, 6.66 ft; minimum daily, 0.21 ft³/s, July 6, 8, 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	1.7	4.5	8.9	4.8	4.3	4.3	1.7	.93	.27	.58	2.0
2	10	1.6	4.5	6.9	4.8	4.3	3.6	1.5	.98	.29	.66	1.9
3	5.8	2.1	4.6	5.7	4.7	4.2	3.3	1.5	1.0	.37	.99	1.8
4	3.0	2.1	4.4	4.5	5.2	4.3	3.0	5.9	1.0	.28	.78	1.5
5	1.6	2.1	4.2	4.5	6.2	4.1	3.0	1.9	.88	.23	.68	1.5
6	1.7	2.1	4.2	7.5	4.7	3.9	2.9	2.3	.88	.21	.72	1.5
7	1.4	2.2	4.9	9.1	4.6	3.9	3.7	1.8	.94	.22	1.2	1.4
8	1.5	2.2	19	16	4.4	4.0	3.0	1.6	3.6	.21	2.9	1.3
9	1.4	3.7	16	13	4.3	4.3	2.9	1.7	2.1	.21	4.9	1.3
10	1.4	2.7	9.5	6.4	4.6	5.1	2.9	3.8	.97	.22	2.7	1.2
11	1.3	2.3	6.8	5.4	4.5	4.4	3.5	2.2	.96	.23	1.5	2.6
12	1.3	2.0	7.8	5.9	4.5	4.1	2.8	1.7	.89	.61	.94	1.3
13	1.3	1.9	12	5.7	4.4	3.9	2.7	1.5	.87	.95	.80	1.2
14	1.3	1.9	7.4	5.7	4.3	3.8	2.7	1.5	.79	1.2	.74	1.5
15	1.6	4.9	6.3	5.4	4.5	3.8	2.8	1.4	1.0	.68	.68	1.5
16	1.8	5.2	5.7	5.3	8.0	3.8	2.7	1.2	2.7	.60	.67	1.3
17	1.7	3.5	5.1	4.9	5.0	7.4	2.7	1.3	1.4	.51	.70	1.2
18	2.5	2.7	5.3	5.1	5.2	8.4	2.6	1.5	1.0	4.7	.73	1.2
19	3.7	2.6	8.7	4.7	5.4	4.9	2.6	1.3	.81	3.1	.67	1.8
20	2.5	2.4	9.0	4.8	4.6	4.2	9.4	1.2	.74	1.3	.65	1.1
21	1.9	2.2	6.0	6.0	4.9	3.8	2.1	1.1	.73	.90	.62	1.1
22	1.7	2.2	5.4	5.5	5.2	3.7	1.7	1.1	.73	.86	200	1.2
23	1.6	5.5	5.4	4.9	4.7	4.0	1.6	3.2	.64	1.1	24	1.2
24	1.4	3.7	5.3	4.6	4.5	5.7	1.4	2.9	.66	.91	8.0	1.1
25	1.3	3.0	5.3	5.4	4.5	3.7	1.3	.67	.64	2.6	4.5	1.2
26	1.3	3.0	5.3	8.4	4.5	3.1	1.3	.54	.64	6.4	3.5	1.1
27	1.3	3.0	5.2	5.6	4.5	3.2	1.2	.52	4.8	.78	2.9	1.2
28	1.3	6.2	5.0	5.0	4.4	3.1	1.5	1.7	.51	.64	2.7	1.1
29	1.3	7.0	4.8	5.0	---	4.2	2.8	1.8	.34	.68	2.2	1.2
30	1.5	5.0	4.7	5.1	---	4.5	1.9	1.0	.27	.63	2.1	1.6
31	1.5	---	6.7	5.0	---	5.1	---	.89	---	.60	2.4	---
TOTAL	66.0	92.7	209.0	195.9	135.9	135.2	83.9	53.92	34.40	32.49	277.11	42.1
MEAN	2.13	3.09	6.74	6.32	4.85	4.36	2.80	1.74	1.15	1.05	8.94	1.40
MAX	10	7.0	19	16	8.0	8.4	9.4	5.9	4.8	6.4	200	2.6
MIN	1.3	1.6	4.2	4.5	4.3	3.1	1.2	.52	.27	.21	.58	1.1

CAL YR 1989 TOTAL 1422.19 MEAN 3.90 MAX 32 MIN .88
WTR YR 1990 TOTAL 1358.62 MEAN 3.72 MAX 200 MIN .21

SAVANNAH RIVER BASIN

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'34'', long 81°41'08'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A-13.2, 700 ft downstream from Seaboard Coastline Railroad bridge, 600 ft west of intersection of SRS Roads A-17 and A-17.1, at Savannah River Site.

DRAINAGE AREA.--21.2 mi².

PERIOD OF RECORD.--November 1976 to January 1983, May 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: June 1 - 8, 11 - 19, 23 - 26, which are poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--9 years, 267 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 948 ft³/s, Mar. 13, 1980, gage height, 3.81 ft; minimum daily, 20 ft³/s, June 24, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 734 ft³/s, Aug. 22, gage height, 3.31 ft; minimum daily, 22 ft³/s, Sept. 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	47	66	55	35	48	95	49	22	46	48	36
2	217	49	58	41	35	48	89	47	22	47	43	36
3	86	51	32	36	35	47	86	45	22	47	45	36
4	70	51	37	32	38	47	84	52	22	47	42	37
5	67	50	36	30	41	47	83	61	22	49	41	36
6	56	50	29	45	34	47	75	54	22	48	44	32
7	51	51	32	61	33	47	81	56	22	40	48	35
8	40	51	80	104	33	46	77	55	23	40	69	39
9	50	56	90	60	38	48	74	46	32	36	66	52
10	60	57	57	47	43	53	52	49	24	39	54	27
11	55	52	39	47	44	49	54	55	23	38	47	22
12	58	50	45	42	40	47	52	58	23	40	44	34
13	54	47	67	33	38	45	71	57	22	48	43	31
14	46	48	43	31	37	45	77	56	23	48	41	31
15	48	62	37	31	37	45	77	54	23	42	41	33
16	47	68	33	32	56	44	76	42	23	40	42	30
17	47	56	30	32	74	61	77	34	23	39	42	30
18	55	54	30	31	51	68	78	50	23	52	44	30
19	58	52	43	33	80	49	77	41	23	58	43	32
20	50	50	51	33	58	45	77	28	26	43	42	25
21	44	50	40	38	47	43	61	26	32	58	42	41
22	44	50	33	38	54	44	52	24	24	59	363	56
23	44	67	32	33	70	38	70	26	23	63	143	56
24	43	66	32	32	56	35	69	54	23	61	65	64
25	45	59	29	38	50	26	69	59	23	69	47	62
26	45	60	30	54	47	26	68	55	23	79	42	54
27	44	72	30	41	47	46	67	53	24	53	36	53
28	45	67	29	36	48	38	54	63	31	48	36	54
29	46	73	28	36	---	47	57	65	32	47	35	52
30	46	70	28	36	---	85	52	51	47	46	35	45
31	47	---	38	34	---	84	---	23	---	46	37	---
TOTAL	1808	1686	1284	1272	1299	1488	2131	1488	747	1516	1810	1201
MEAN	58.3	56.2	41.4	41.0	46.4	48.0	71.0	48.0	24.9	48.9	58.4	40.0
MAX	217	73	90	104	80	85	95	65	47	79	363	64
MIN	40	47	28	30	33	26	52	23	22	36	35	22

CAL YR 1989 TOTAL 28419 MEAN 77.9 MAX 524 MIN 23
WTR YR 1990 TOTAL 17730 MEAN 48.6 MAX 363 MIN 22

SAVANNAH RIVER BASIN

375

02197351 P-013 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°13'53'', long 81°35'06'', Barnwell County, Hydrologic Unit 03060106, on Steel Creek, at right bank 2000 ft downstream of SRS Road F and 0.5 mi west of P-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow completely regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 1, 1989, gage height, 2.62 ft; minimum daily, 0.08 ft³/s, June 2, 3, 5-7, 1988, Jan. 22, 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 2.62 ft; minimum daily, 0.08 ft³/s, Jan. 22 -23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.66	.15	.19	.32	.10	.10	.13	.11	5.4	25	.24	.22
2	.41	.16	.19	.18	.10	.10	.11	.10	5.5	26	.56	.22
3	.29	.17	.19	.17	.10	.10	.10	.10	5.5	26	.22	.18
4	.22	.16	.19	.17	.13	.10	.10	.10	5.4	26	.21	.17
5	.22	.16	.20	.17	.11	.10	.10	.20	5.4	27	.20	.17
6	.21	.15	.21	.30	.10	.10	.10	.17	5.5	26	.21	.24
7	.20	.15	.19	.63	.10	.10	.11	.17	5.9	25	.22	.30
8	.21	.15	1.0	.60	.10	.10	.10	11	5.7	25	1.8	.30
9	.19	.20	.72	.15	.10	.10	.10	26	5.5	25	.31	.33
10	.19	.19	.40	.14	.10	.10	.12	25	5.9	21	.23	.30
11	.19	.17	.33	.14	.10	.10	.14	19	5.9	19	.14	.30
12	.19	.18	.56	.13	.10	.10	.13	2.7	7.7	18	.14	.30
13	.19	.16	.41	.12	.10	.10	.11	2.7	23	18	.12	.30
14	.19	.15	.31	.12	.10	.10	.10	3.3	24	18	.12	.31
15	.19	.37	.30	.11	.10	.10	.10	7.5	25	18	.12	.29
16	.17	.24	.28	.10	.43	.10	.10	2.7	23	18	.12	.27
17	.17	.16	.27	.10	.21	.30	.10	2.6	24	18	.12	.27
18	.23	.16	.27	.10	.20	.14	.10	2.5	24	19	.12	.27
19	.22	.15	.41	.10	.35	.11	.10	2.7	27	17	.12	.27
20	.22	.15	.29	.10	.12	.11	.11	3.2	33	12	.12	.28
21	.20	.15	.24	.10	.10	.10	.12	3.3	41	.51	.12	.30
22	.17	.15	.20	.08	.14	.10	.10	3.3	42	.42	2.3	.30
23	.16	.44	.22	.08	.12	.10	.11	3.0	45	.38	.32	.28
24	.16	.23	.22	.09	.10	.12	.12	3.5	45	.35	.25	.27
25	.15	.22	.21	.20	.10	.10	.12	5.9	40	.37	.24	.27
26	.17	.22	.19	.20	.10	.11	.12	5.9	29	.38	.23	.27
27	.15	.19	.19	.12	.10	.16	.11	5.7	30	.38	.22	.27
28	.15	.26	.19	.11	.10	.14	.12	6.9	28	.26	.20	.30
29	.15	.26	.19	.10	---	.14	.16	4.8	26	.24	.19	.30
30	.15	.20	.19	.10	---	.14	.13	5.0	25	.26	.23	.30
31	.15	---	.34	.10	---	.14	---	5.3	---	.24	.39	---
TOTAL	6.52	5.85	9.29	5.23	3.71	3.61	3.37	164.45	623.3	430.79	10.13	8.15
MEAN	.21	.19	.30	.17	.13	.12	.11	5.30	20.8	13.9	.33	.27
MAX	.66	.44	1.0	.63	.43	.30	.16	26	45	27	2.3	.33
MIN	.15	.15	.19	.08	.10	.10	.10	.10	5.4	.24	.12	.17

CAL YR 1989 TOTAL 156.48 MEAN .43 MAX 2.2 MIN .15
WTR YR 1990 TOTAL 1274.40 MEAN 3.49 MAX 45 MIN .08

SAVANNAH RIVER BASIN

O2197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1984 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: February 1984 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 47.0°C, May 4, 1987; minimum, 0.0°C, Dec. 23 - 25, 27, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.0°C, Sept. 6; minimum, 0.0°C, Dec. 23 - 25, 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	22.0	22.5	19.0	14.5	16.5	12.5	6.0	8.5	13.0	5.0	10.0
2	23.5	21.5	22.5	17.0	14.5	16.0	13.0	6.5	9.0	9.0	3.5	5.5
3	24.0	20.0	21.5	18.0	12.0	15.0	10.0	5.0	7.5	13.5	6.0	9.0
4	23.5	19.0	21.0	16.5	11.5	13.5	9.0	3.0	5.5	16.0	8.0	11.5
5	23.0	17.5	20.0	17.0	11.5	13.5	10.0	4.0	6.0	14.0	10.5	11.5
6	24.5	18.5	21.0	18.5	12.5	15.5	13.0	5.0	8.0	15.0	11.5	13.0
7	24.5	19.0	21.5	19.5	15.0	17.0	12.0	9.5	11.0	12.5	10.5	11.5
8	23.0	18.5	21.0	19.0	17.0	18.0	11.5	8.5	10.5	13.0	10.5	11.5
9	19.5	14.5	17.0	20.0	13.5	17.5	8.5	7.5	8.0	12.5	8.0	10.0
10	18.5	14.0	16.0	17.0	11.0	13.5	9.5	7.0	8.0	13.0	7.0	9.0
11	20.5	15.0	17.5	17.5	10.0	13.5	12.5	8.0	9.5	13.0	5.5	8.5
12	21.0	16.0	18.0	17.5	11.0	13.5	12.0	8.0	10.0	10.5	4.5	8.0
13	20.5	16.5	18.5	18.0	11.5	14.0	11.0	6.5	9.5	8.5	3.5	5.0
14	20.0	18.5	19.5	17.5	12.5	15.0	9.5	4.5	6.0	9.5	2.5	5.5
15	21.5	18.5	19.5	18.5	14.5	16.5	10.0	3.5	6.5	14.0	3.0	7.0
16	22.5	18.5	20.5	17.5	10.5	15.0	9.0	3.0	6.0	15.5	5.5	9.0
17	23.0	19.5	21.0	13.0	8.0	10.0	5.5	2.0	3.5	16.5	6.5	10.5
18	21.5	20.5	21.0	13.5	7.5	10.0	6.0	4.0	5.0	16.5	8.0	12.0
19	20.5	14.5	18.0	13.5	8.5	10.5	7.5	4.5	5.5	17.0	9.5	13.0
20	14.5	11.0	13.0	14.5	7.0	10.0	8.5	3.5	6.0	15.0	12.5	14.0
21	15.0	9.5	12.0	15.5	9.5	11.5	7.5	2.0	4.0	17.0	10.5	14.5
22	16.0	10.5	13.0	12.5	9.0	10.5	3.0	.5	1.5	14.5	7.5	10.0
23	16.5	11.0	13.0	12.0	8.0	10.5	.5	.0	.0	14.5	6.0	9.5
24	16.5	11.5	13.5	11.0	5.5	7.5	.5	.0	.0	14.5	7.5	11.0
25	16.5	11.5	13.5	13.5	5.5	9.0	4.0	.0	1.0	17.0	12.0	14.5
26	16.5	11.5	13.5	16.5	11.0	13.0	7.0	.5	2.5	13.0	6.5	10.0
27	17.0	12.0	14.0	17.0	11.5	13.5	7.5	.0	2.5	13.0	5.5	8.0
28	17.0	13.5	15.0	18.0	14.5	16.0	9.0	1.5	4.0	14.5	5.5	9.5
29	18.0	13.5	15.5	16.0	9.0	13.0	10.0	1.5	5.5	16.5	8.5	12.0
30	18.5	15.5	17.0	12.5	6.0	8.5	15.0	6.0	9.0	14.5	6.5	10.0
31	20.0	16.5	18.0	---	---	---	13.0	9.0	11.5	15.5	7.5	10.5
MONTH	24.5	9.5	17.5	20.0	5.5	13.0	15.0	.0	6.0	17.0	2.5	10.0

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	14.5	6.5	11.0	16.5	9.0	12.0	24.5	13.5	18.0	25.5	18.0	21.5
2	18.0	13.0	15.0	14.5	9.5	12.0	---	---	---	25.5	18.5	21.5
3	19.5	12.5	15.5	16.0	11.5	14.0	---	---	---	24.0	20.0	22.0
4	19.0	12.0	16.0	18.5	9.5	13.0	20.5	10.5	14.5	25.0	20.5	22.5
5	15.5	7.5	11.0	20.0	9.5	13.5	22.0	10.5	15.5	22.0	19.5	21.0
6	15.5	6.5	10.5	19.5	9.5	13.5	23.0	14.0	18.0	20.5	17.0	18.5
7	17.5	10.5	13.5	15.5	10.0	12.5	21.5	12.5	16.5	21.0	15.0	17.5
8	16.5	8.5	12.0	10.5	9.0	10.0	21.0	10.5	14.5	21.5	15.0	18.5
9	18.0	13.0	15.0	14.0	10.0	12.0	23.0	11.5	16.5	20.0	19.5	19.5
10	16.5	14.0	15.5	20.5	10.5	15.0	22.0	16.0	18.5	20.5	18.5	19.5
11	17.5	10.5	13.0	23.0	13.5	17.0	21.5	14.0	17.5	20.0	18.0	19.0
12	16.5	8.5	11.5	23.0	14.0	17.5	21.5	10.5	15.0	22.0	18.0	20.0
13	17.0	7.5	11.5	23.5	14.0	18.0	21.5	10.5	15.0	21.5	19.5	20.5
14	17.5	9.0	13.0	23.0	14.0	18.0	18.5	12.5	15.5	22.5	19.0	21.0
15	19.0	11.5	15.5	21.5	15.0	18.5	22.5	15.5	18.5	23.5	19.0	21.0
16	20.0	15.0	16.5	23.5	17.0	19.5	24.5	14.0	18.0	23.5	20.5	22.0
17	20.0	12.5	16.5	19.5	15.5	18.0	24.5	14.0	18.5	23.5	21.0	22.0
18	13.0	10.5	11.5	21.5	12.0	16.0	18.0	15.0	16.5	23.0	20.0	21.5
19	14.5	11.5	13.0	20.0	11.5	15.0	16.0	13.5	15.0	23.5	19.5	21.5
20	17.5	9.5	13.0	18.5	10.0	14.0	19.5	14.5	17.0	23.5	20.5	22.0
21	16.0	7.0	11.0	19.0	8.0	12.5	21.5	14.0	17.5	24.0	21.0	22.5
22	20.0	12.5	15.5	19.5	8.0	13.0	21.0	16.0	18.5	22.5	20.5	21.5
23	17.5	11.5	15.0	22.0	10.5	15.0	22.5	15.0	18.5	22.5	19.0	21.0
24	17.0	8.0	11.5	21.5	12.0	16.0	23.5	14.5	18.0	22.5	19.5	21.0
25	15.5	6.0	9.5	22.5	13.0	17.0	23.5	15.0	18.5	22.5	19.5	21.0
26	14.0	5.0	8.0	19.5	14.0	16.0	23.5	15.0	19.0	23.0	20.0	21.5
27	15.5	5.0	9.0	19.0	12.0	15.5	24.0	15.0	19.0	23.0	20.5	22.0
28	16.5	7.0	11.0	18.0	11.0	14.5	21.0	17.5	19.0	22.0	21.0	21.5
29	---	---	---	15.5	13.0	14.0	21.5	17.5	19.5	22.0	20.5	21.0
30	---	---	---	15.5	12.0	14.0	24.5	17.5	20.5	23.0	20.0	21.0
31	---	---	---	18.5	14.0	15.5	---	---	---	22.5	20.5	21.5
MONTH	20.0	5.0	13.0	23.5	8.0	15.0	24.5	10.5	17.5	25.5	15.0	21.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	22.5	20.5	21.5	25.0	24.5	24.5	28.5	24.0	26.0	29.0	23.5	25.5
2	21.5	20.5	21.0	25.5	25.0	25.0	27.0	23.5	25.0	29.0	22.5	25.5
3	23.5	20.5	21.5	26.0	25.0	25.5	27.0	24.0	25.5	29.5	22.5	25.5
4	23.5	21.0	22.0	26.0	25.0	25.5	29.5	23.0	25.5	---	---	---
5	23.5	20.5	22.0	26.0	25.0	25.5	30.0	23.5	26.0	27.0	21.5	24.0
6	24.0	21.0	22.0	25.5	24.5	25.0	30.0	23.5	26.0	32.0	21.5	25.0
7	24.0	22.0	22.5	25.5	24.5	25.0	28.5	24.5	26.0	29.0	22.5	25.0
8	25.0	22.5	23.5	25.5	24.5	25.0	28.5	23.5	25.0	30.0	23.5	25.5
9	25.0	22.5	24.0	25.5	24.5	25.0	29.5	23.0	25.0	29.0	23.5	26.0
10	26.0	23.0	24.5	26.5	25.0	25.5	27.5	21.5	24.5	28.5	23.5	25.5
11	25.5	23.5	24.5	26.5	25.0	25.5	27.0	21.0	23.5	29.0	23.0	25.5
12	25.0	22.5	24.0	27.0	25.0	25.5	27.0	21.5	24.5	28.5	23.5	25.5
13	24.0	22.5	23.5	25.5	24.5	25.0	27.5	22.5	25.0	28.0	23.0	25.0
14	24.5	23.0	24.0	24.5	24.5	24.5	27.0	23.0	25.0	25.0	23.0	24.0
15	25.0	24.0	24.5	25.0	24.0	24.5	28.0	22.5	25.0	28.5	22.5	25.0
16	24.5	24.0	24.0	25.0	24.0	24.5	28.0	23.5	25.5	27.0	21.0	23.0
17	24.5	23.5	24.0	25.0	24.0	24.5	26.0	23.5	24.5	26.0	19.5	22.0
18	24.5	23.0	23.5	24.5	24.0	24.5	27.0	22.0	24.5	25.0	19.5	21.5
19	25.0	23.5	24.5	25.0	24.5	24.5	27.5	22.5	25.0	25.5	19.0	22.0
20	25.0	24.0	24.5	25.0	24.0	24.5	27.5	23.5	25.5	27.0	21.0	23.5
21	25.0	24.0	24.5	27.5	23.5	25.0	27.0	24.0	25.5	27.5	22.0	24.5
22	24.5	24.0	24.0	26.0	24.0	25.0	25.5	22.5	23.5	27.5	22.5	24.5
23	24.0	23.0	24.0	26.5	24.0	25.0	26.5	23.0	24.5	24.5	19.5	22.5
24	24.0	23.0	23.5	27.0	24.5	25.5	27.0	22.5	24.5	22.5	17.0	19.0
25	24.0	23.0	23.5	26.5	24.5	25.5	27.5	24.0	25.5	23.0	15.5	18.5
26	24.5	23.5	24.0	28.5	24.0	25.5	27.0	23.5	25.5	23.0	16.0	19.0
27	24.5	23.5	24.0	28.5	22.5	25.0	27.0	23.5	25.0	24.0	17.0	20.0
28	25.0	24.0	24.0	26.5	23.5	24.5	27.5	23.0	25.5	23.5	19.0	21.0
29	24.5	23.5	24.0	27.0	22.5	24.5	30.5	24.0	26.5	22.5	19.5	21.0
30	25.0	24.0	24.5	27.5	23.0	25.0	28.0	23.5	25.5	23.5	20.5	21.5
31	---	---	---	28.0	24.0	26.0	29.0	23.5	26.0	---	---	---
MONTH	26.0	20.5	23.5	28.5	22.5	25.0	30.5	21.0	25.0	32.0	15.5	23.5
YEAR	32.0	.0	17.5									

SAVANNAH RIVER BASIN

021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'58'', long 81°36'13'', Barnwell County, Hydrologic Unit 03060106, at right bank, 0.5 mi east of SRS Road C, and 0.8 mi upstream of SRS Road B, at Savannah River Site.

PERIOD OF RECORD.--April 1986 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 208 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Aug. 19 - Sept. 5, which are poor. Flow completely regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 22, 1986, gage height, 3.87 ft; minimum daily, 0.75 ft³/s, June 2, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 3.67, minimum daily, .98 ft³/s, Sept. 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	1.9	1.8	1.7	1.5	1.6	1.5	1.5	9.3	32	2.2	1.7
2	3.4	1.9	1.8	1.5	1.5	1.6	1.5	1.5	9.5	33	2.8	1.4
3	2.1	1.9	1.8	1.5	1.5	1.6	1.5	1.5	9.6	33	3.6	1.3
4	2.0	1.8	1.8	1.5	1.6	1.6	1.5	1.5	9.5	33	3.5	1.3
5	1.9	1.8	1.7	1.5	1.5	1.6	1.5	1.6	9.5	34	3.5	1.3
6	1.8	1.8	1.7	1.7	1.5	1.6	1.5	1.6	9.9	33	3.5	1.3
7	1.6	1.8	1.8	2.0	1.5	1.6	1.6	1.5	10	32	3.5	1.3
8	1.6	1.8	3.3	2.6	1.5	1.6	1.5	13	9.9	32	5.4	1.3
9	1.6	2.0	2.5	1.7	1.5	1.7	1.5	32	9.7	32	4.1	1.4
10	1.6	1.8	1.8	1.6	1.5	1.7	1.5	32	10	27	4.1	1.3
11	1.6	1.8	1.7	1.6	1.5	1.6	1.6	26	10	25	4.1	1.3
12	1.6	1.8	2.0	1.6	1.5	1.6	1.6	5.7	12	25	4.0	1.3
13	1.6	1.7	1.9	1.6	1.5	1.6	1.6	5.6	28	25	3.7	1.3
14	1.6	1.7	1.7	1.6	1.5	1.6	1.6	5.7	29	24	3.7	1.3
15	1.7	2.1	1.6	1.6	1.5	1.6	1.6	12	30	24	3.7	1.2
16	1.6	1.9	1.6	1.6	2.0	1.6	1.6	5.9	28	23	3.7	1.1
17	1.7	1.7	1.6	1.6	1.7	2.0	1.6	5.7	28	24	3.6	1.2
18	2.0	1.7	1.6	1.6	1.6	1.8	1.6	5.8	29	26	3.3	1.2
19	1.8	1.7	1.8	1.5	1.9	1.7	4.7	5.8	31	24	3.3	1.1
20	1.8	1.8	1.7	1.5	1.5	1.7	2.6	5.6	36	18	3.3	1.1
21	1.8	1.8	1.6	1.5	1.5	1.6	1.6	5.6	42	3.2	3.3	1.1
22	1.8	1.7	1.6	1.5	1.6	1.6	1.5	5.8	44	3.0	6.9	1.1
23	1.8	2.3	1.6	1.5	1.6	1.6	1.5	5.5	47	2.9	4.1	1.1
24	1.8	1.8	1.6	1.5	1.6	4.0	1.5	5.9	47	2.8	4.1	.98
25	1.8	1.8	1.6	1.7	1.6	1.7	1.5	8.3	44	2.7	4.0	1.0
26	1.8	1.8	1.6	1.7	1.6	1.6	1.5	8.6	35	2.7	3.7	1.0
27	1.8	1.8	1.5	1.5	1.6	1.6	1.5	8.4	35	2.5	3.7	1.0
28	1.8	1.9	1.5	1.5	1.6	1.5	1.6	10	34	2.5	3.3	1.0
29	1.8	1.9	1.5	1.5	---	1.6	1.6	8.7	33	2.5	2.7	1.1
30	1.9	1.8	1.5	1.5	---	1.6	1.5	9.1	33	2.3	2.7	1.2
31	1.9	---	1.7	1.5	---	1.6	---	9.3	---	2.3	3.0	---
TOTAL	59.5	55.0	54.5	50.0	44.0	53.0	50.5	256.7	751.9	588.4	114.1	36.28
MEAN	1.92	1.83	1.76	1.61	1.57	1.71	1.68	8.28	25.1	19.0	3.68	1.21
MAX	4.9	2.3	3.3	2.6	2.0	4.0	4.7	32	47	34	6.9	1.7
MIN	1.6	1.7	1.5	1.5	1.5	1.5	1.5	1.5	9.3	2.3	2.2	.98

CAL YR 1989 TOTAL 439.81 MEAN 1.20 MAX 4.9 MIN .75
WTR YR 1990 TOTAL 2113.88 MEAN 5.79 MAX 47 MIN .98

SAVANNAH RIVER BASIN

379

021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'26'', long 81°35'22'', 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 current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 195.42 ft above National Geodetic Vertical Datum of 1929 (provided by Savannah River Site).

REMARKS.--Records fair, except for estimated daily discharges: Dec. 19 - Jan. 3, which are poor. Flow completely regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 536 ft³/s, Dec. 18, 1989, gage height, 20.87 ft; minimum daily, 3.1 ft³/s, Oct. 16, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 536 ft³/s, Dec. 18, gage height, 20.87 ft; minimum daily, 48 ft³/s, July 29 - 31.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	160	91	79	96	85	99	116	149	170	138	49	83
2	160	92	101	96	88	109	123	147	170	139	51	82
3	159	77	100	90	89	115	123	153	169	139	57	82
4	157	86	87	87	88	115	131	156	167	127	71	81
5	130	82	92	96	91	116	139	173	166	119	85	80
6	82	81	96	109	93	116	139	177	167	94	89	80
7	82	80	99	99	93	116	148	178	170	60	89	79
8	82	78	101	83	88	116	164	159	170	59	90	87
9	78	80	98	85	86	115	175	116	165	59	89	98
10	66	89	94	98	89	115	183	108	158	53	89	98
11	69	90	95	90	88	115	183	125	158	51	88	97
12	57	87	101	87	88	115	183	176	149	51	87	97
13	75	88	107	85	91	115	182	177	82	51	87	93
14	97	87	103	89	90	117	182	176	64	52	88	89
15	104	93	99	95	91	113	182	176	65	51	78	89
16	90	93	112	106	91	114	181	177	64	50	71	88
17	95	97	124	99	91	114	170	172	66	52	71	88
18	80	90	183	99	91	117	130	170	63	53	70	88
19	85	92	192	101	92	123	109	147	87	59	70	88
20	100	93	249	99	92	125	117	119	134	56	71	78
21	103	91	60	100	92	129	99	116	145	54	77	71
22	100	88	60	99	91	135	99	116	147	55	82	83
23	99	67	60	99	85	135	114	116	139	56	83	92
24	95	64	60	102	81	135	145	130	138	61	83	93
25	89	83	60	97	81	135	145	158	141	93	84	93
26	88	84	60	96	82	134	145	158	146	80	85	94
27	91	75	60	97	88	130	145	161	147	78	84	94
28	90	81	60	97	85	131	148	158	144	64	85	90
29	90	83	65	96	---	131	147	159	140	48	82	102
30	88	92	80	103	---	113	148	164	138	48	82	107
31	91	---	110	100	---	108	---	171	---	48	83	---
TOTAL	3032	2554	3047	2975	2480	3716	4395	4738	4029	2198	2450	2664
MEAN	97.8	85.1	98.3	96.0	88.6	120	146	153	134	70.9	79.0	88.8
MAX	160	97	249	109	93	135	183	178	170	139	90	107
MIN	57	64	60	83	81	99	99	108	63	48	49	71

CAL YR 1989 TOTAL 42931 MEAN 118 MAX 249 MIN 47
WTR YR 1990 TOTAL 38278 MEAN 105 MAX 249 MIN 48

SAVANNAH RIVER BASIN

021973527 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°12'25'', long 81°35'22'', Barnwell County, Hydrologic Unit 03060106, 500 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 current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1985 to current year.

INSTRUMENTATION.--USGS Mini-monitor since October 1985.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 76.0°C, May 2, 1986; minimum, 5.0°C, Jan. 21, 1988.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 26.5°C, July 4, 11, 12, Aug. 29; minimum, 6.5°C, Dec. 25, 26.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.0	21.5	21.5	---	---	---	15.5	14.5	15.0	10.0	10.0	10.0
2	22.0	21.5	22.0	19.0	19.0	19.0	14.5	13.5	14.0	10.0	9.5	10.0
3	22.5	22.0	22.0	19.0	18.5	18.5	14.0	13.0	13.5	10.0	9.5	9.5
4	22.0	21.5	22.0	18.5	18.0	18.0	13.0	12.0	12.5	10.5	9.5	10.0
5	---	---	---	18.0	17.5	17.5	12.0	11.5	12.0	10.5	10.0	10.5
6	---	---	---	18.0	17.5	17.5	12.5	11.5	12.0	11.0	10.5	10.5
7	---	---	---	18.5	18.0	18.0	13.5	12.5	12.5	11.0	10.5	11.0
8	---	---	---	18.5	18.5	18.5	13.5	13.0	13.0	11.0	10.5	11.0
9	---	---	---	19.0	18.5	18.5	13.0	12.5	13.0	11.0	11.0	11.0
10	---	---	---	18.5	18.0	18.5	12.5	12.0	12.5	11.0	10.5	11.0
11	---	---	---	18.0	17.5	18.0	12.0	11.5	11.5	10.5	10.5	10.5
12	---	---	---	18.0	17.5	18.0	11.5	11.0	11.0	10.5	10.0	10.5
13	---	---	---	18.0	17.5	17.5	11.0	11.0	11.0	10.0	9.5	10.0
14	---	---	---	17.5	17.5	17.5	11.0	10.5	11.0	9.5	9.0	9.5
15	---	---	---	18.0	17.5	18.0	11.0	10.5	10.5	9.5	9.0	9.5
16	---	---	---	18.0	17.0	17.5	11.5	10.0	10.0	10.0	9.5	9.5
17	---	---	---	17.5	16.0	16.5	10.0	9.5	9.5	10.5	9.5	10.0
18	---	---	---	16.0	15.5	16.0	10.0	9.5	9.5	10.5	10.0	10.5
19	---	---	---	15.5	15.0	15.0	10.0	9.5	9.5	11.0	10.5	11.0
20	---	---	---	15.0	14.5	14.5	10.0	9.5	9.5	11.5	11.0	11.0
21	---	---	---	15.0	14.5	15.0	9.5	9.0	9.5	12.0	11.5	11.5
22	---	---	---	15.0	14.5	14.5	9.0	8.5	8.5	12.0	11.5	11.5
23	---	---	---	15.0	14.0	14.5	8.5	7.5	8.0	12.0	11.5	11.5
24	---	---	---	14.0	13.5	13.5	7.5	7.0	7.0	12.5	11.5	11.5
25	---	---	---	13.5	13.0	13.5	7.0	6.5	7.0	12.0	11.0	11.5
26	---	---	---	14.0	13.5	14.0	7.5	6.5	7.0	11.5	10.5	11.0
27	---	---	---	15.0	14.0	14.5	8.0	7.0	7.5	11.0	10.5	10.5
28	---	---	---	16.0	15.0	15.5	8.5	7.5	8.0	10.5	10.0	10.5
29	---	---	---	16.0	15.5	15.5	8.5	8.0	8.5	11.0	10.5	11.0
30	---	---	---	15.5	15.0	15.5	9.5	8.5	9.0	11.0	10.5	11.0
31	---	---	---	---	---	---	10.0	9.0	9.5	11.0	10.5	11.0
MONTH	22.5	21.5	22.0	19.0	13.0	16.5	15.5	6.5	10.5	12.5	9.0	10.5

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.5	10.5	10.5	12.0	11.5	11.5	15.0	14.0	14.5	21.0	20.0	20.5
2	11.5	11.0	11.5	12.5	12.0	12.0	16.5	15.0	15.5	22.0	21.0	21.5
3	12.5	11.5	12.0	12.5	12.5	12.5	16.5	16.0	16.5	22.0	21.0	21.5
4	13.0	12.0	12.5	12.5	12.5	12.5	17.0	16.0	16.5	22.0	21.0	21.0
5	13.0	12.5	13.0	13.0	12.5	12.5	16.5	16.0	16.5	21.5	20.5	21.0
6	13.0	12.5	12.5	13.5	12.5	13.0	17.0	16.0	16.5	20.5	19.5	20.0
7	12.5	12.5	12.5	13.0	13.0	13.0	17.5	16.5	17.0	19.5	19.0	19.0
8	12.5	12.0	12.0	13.0	12.5	12.5	17.5	16.5	17.0	22.0	19.0	19.0
9	12.5	12.0	12.5	12.5	12.0	12.5	17.5	16.5	17.0	19.5	19.0	19.5
10	12.5	12.5	12.5	13.0	12.0	12.5	18.0	17.5	17.5	19.5	19.0	19.5
11	12.5	12.0	12.5	14.0	12.5	13.0	18.0	17.5	18.0	19.0	18.5	19.0
12	12.5	12.0	12.0	15.0	13.5	14.5	17.5	16.5	16.5	19.5	19.0	19.0
13	12.5	12.0	12.0	15.5	14.5	15.0	16.5	16.0	16.0	20.0	19.5	19.5
14	12.5	12.0	12.5	16.0	15.0	15.5	16.5	16.0	16.0	20.5	19.5	20.0
15	13.0	12.0	12.5	16.0	15.5	16.0	17.0	16.0	16.5	21.0	20.5	21.0
16	13.5	13.0	13.0	16.5	16.0	16.0	18.0	17.0	17.0	21.5	21.0	21.0
17	14.0	13.5	13.5	16.5	16.0	16.5	19.0	17.5	18.0	21.0	19.5	20.0
18	13.5	13.0	13.0	16.0	15.5	15.5	19.0	18.0	18.5	19.5	18.5	19.0
19	13.0	12.5	13.0	15.5	15.0	15.0	18.0	16.0	17.0	20.0	18.5	18.5
20	13.0	12.0	12.5	15.0	14.5	14.5	16.5	15.5	16.0	19.5	18.5	19.0
21	12.5	12.0	12.0	14.5	13.5	14.0	16.5	16.0	16.5	20.0	19.5	19.5
22	13.0	12.0	12.5	14.0	13.5	13.5	17.5	16.5	17.0	20.0	19.5	19.5
23	13.0	13.0	13.0	14.5	13.5	14.0	18.5	17.5	18.0	19.5	19.0	19.5
24	13.0	12.5	12.5	15.0	14.5	14.5	19.5	18.0	19.0	19.5	19.0	19.5
25	12.5	11.5	12.0	15.5	15.0	15.0	20.0	19.5	20.0	19.5	19.5	19.5
26	12.0	11.0	11.5	15.5	15.0	15.0	20.0	19.0	19.5	20.0	19.5	19.5
27	11.0	10.5	11.0	15.5	15.0	15.0	19.5	19.0	19.5	20.5	20.0	20.5
28	11.5	11.0	11.0	15.0	14.5	14.5	19.5	19.0	19.5	21.0	20.5	21.0
29	---	---	---	15.0	14.5	14.5	19.5	19.0	19.0	21.5	21.0	21.0
30	---	---	---	14.5	14.0	14.5	20.5	19.0	20.0	21.5	20.5	21.0
31	---	---	---	14.5	14.0	14.0	---	---	---	20.5	20.0	20.0
MONTH	14.0	10.5	12.5	16.5	11.5	14.0	20.5	14.0	17.5	22.0	18.5	20.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.5	20.0	20.0	25.5	24.5	25.0	26.0	25.0	25.5	24.0	23.5	24.0
2	20.5	20.0	20.5	25.5	25.0	25.5	25.5	25.0	25.5	24.0	23.5	24.0
3	21.0	20.0	20.5	25.5	25.0	25.5	25.0	24.0	24.5	24.5	23.5	24.0
4	21.0	20.5	21.0	26.5	25.5	25.5	24.5	24.0	24.0	25.0	24.5	24.5
5	22.0	21.0	21.5	25.5	25.0	25.5	24.5	23.5	24.0	25.0	24.5	25.0
6	23.0	22.0	22.5	26.0	24.5	25.0	25.0	24.0	24.5	25.0	24.5	25.0
7	24.0	23.0	23.5	25.0	24.5	25.0	25.0	25.0	25.0	25.0	24.5	25.0
8	24.0	23.5	24.0	25.5	25.0	25.0	25.5	25.0	25.0	24.5	24.0	24.5
9	24.0	23.5	23.5	25.5	25.0	25.0	25.0	24.5	24.5	25.0	24.0	24.0
10	24.5	23.5	24.0	26.0	25.0	25.5	24.5	24.0	24.0	24.5	24.0	24.5
11	24.5	23.0	23.5	26.5	25.5	26.0	24.0	23.5	24.0	25.0	24.5	25.0
12	23.5	23.0	23.0	26.5	25.5	26.0	24.5	24.0	24.0	25.5	25.0	25.5
13	23.5	23.0	23.5	26.0	25.0	25.5	25.0	24.5	24.5	26.0	25.5	25.5
14	24.5	23.5	24.0	25.0	24.5	24.5	25.5	25.0	25.5	25.5	25.5	25.5
15	25.0	24.0	24.5	25.0	24.0	24.5	26.0	25.0	25.5	25.5	25.0	25.5
16	24.5	24.0	24.5	25.0	24.0	24.5	25.5	25.0	25.5	25.0	24.5	25.0
17	24.0	23.5	23.5	25.0	24.5	24.5	25.5	24.5	25.0	24.5	24.0	24.0
18	24.0	23.5	23.5	25.0	24.5	24.5	24.5	24.0	24.5	24.0	23.5	23.5
19	24.5	24.0	24.0	25.0	24.5	24.5	24.5	24.0	24.5	23.5	23.0	23.5
20	24.5	24.0	24.5	25.0	24.0	24.5	25.0	24.5	24.5	24.0	23.5	24.0
21	24.5	24.0	24.5	25.0	24.0	24.0	25.5	25.0	25.0	24.5	24.0	24.0
22	24.5	24.0	24.0	24.5	24.0	24.0	25.5	25.0	25.0	25.0	24.5	24.5
23	24.0	23.5	23.5	24.5	24.0	24.0	25.0	24.5	25.0	24.5	23.5	24.0
24	23.5	23.0	23.5	25.0	24.0	24.5	24.5	24.0	24.5	23.5	22.5	23.0
25	24.0	23.0	23.5	25.0	24.5	25.0	24.5	24.0	24.5	22.5	22.0	22.5
26	24.0	24.0	24.0	25.0	24.0	24.5	25.0	24.5	24.5	22.5	22.0	22.0
27	24.5	24.0	24.0	25.0	24.0	24.5	25.5	24.5	25.0	22.0	21.5	22.0
28	24.5	24.0	24.0	25.0	24.0	24.5	26.0	25.0	25.5	22.5	22.0	22.0
29	24.5	24.0	24.0	25.0	24.0	24.5	26.5	25.5	26.0	22.5	22.0	22.0
30	25.0	24.0	24.5	25.5	24.5	25.0	26.0	24.0	25.0	22.5	22.0	22.5
31	---	---	---	26.0	25.0	25.5	24.0	23.5	24.0	---	---	---
MONTH	25.0	20.0	23.5	26.5	24.0	25.0	26.5	23.5	25.0	26.0	21.5	24.0
YEAR	26.5	6.5	18.0									

SAVANNAH RIVER BASIN

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'42'', long 81°37'57'', Barnwell County, Hydrologic Unit Code 03060106, on downstream side of intake tower, 150 ft upstream of L-Lake Dam, 200 ft from left bank, at Savannah River Site, SC.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1987 to current year.

GAGE.--Data collection platform. Elevation of gage is 203 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Established October 27, 1987 in cooperation with the Department of Energy.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.69 ft, July 18, 1990; minimum, 6.16 ft, Jan. 12, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.69 ft. July 18; minimum 6.36 ft, Apr. 4 - 9.

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.07	7.13	6.53	7.51	6.90	7.05	6.65	6.51	6.67	6.62	6.54	6.45
2	7.26	7.17	6.54	7.40	6.90	6.87	6.52	6.52	6.68	6.70	6.51	6.42
3	7.21	7.18	6.58	7.29	6.91	6.94	6.45	6.52	6.70	6.85	6.50	6.42
4	7.11	7.18	6.58	7.18	6.94	7.09	6.41	6.52	6.73	6.99	6.49	6.42
5	7.01	7.18	6.59	7.07	6.96	7.11	6.36	6.53	6.74	7.12	6.48	6.42
6	6.84	7.20	6.63	7.02	6.96	7.14	6.36	6.54	6.76	7.23	6.49	6.44
7	6.66	7.20	6.67	6.94	6.96	7.19	6.36	6.61	6.77	7.27	6.51	6.46
8	6.57	7.16	6.82	6.87	6.96	7.20	6.36	6.66	6.82	7.30	6.58	6.49
9	6.52	7.12	6.94	6.72	6.96	7.21	6.37	6.68	6.93	7.34	6.75	6.53
10	6.51	7.09	6.89	6.65	6.96	7.25	6.41	6.73	6.93	7.36	6.79	6.57
11	6.50	7.05	6.79	6.62	6.96	7.28	6.51	6.74	6.95	7.37	6.82	6.62
12	6.50	7.02	6.73	6.58	6.96	7.33	6.55	6.75	6.94	7.40	6.83	6.67
13	6.50	6.97	6.71	6.54	6.96	7.36	6.60	6.79	6.89	7.43	6.85	6.71
14	6.52	6.93	6.64	6.51	6.96	7.39	6.66	6.86	6.77	7.47	6.87	6.75
15	6.58	6.93	6.57	6.48	6.95	7.39	6.73	6.93	6.70	7.47	6.89	6.80
16	6.63	6.95	6.52	6.48	6.98	7.22	6.79	6.96	6.65	7.47	6.89	6.85
17	6.66	6.92	6.50	6.48	7.04	7.03	6.84	6.97	6.56	7.47	6.89	6.88
18	6.74	6.87	6.47	6.50	7.05	6.83	6.90	6.98	6.48	7.55	6.89	6.88
19	6.79	6.82	6.84	6.51	7.08	6.64	6.81	6.95	6.39	7.55	6.89	6.87
20	6.80	6.77	7.17	6.53	7.09	6.50	6.76	6.84	6.37	7.35	6.89	6.89
21	6.82	6.73	7.21	6.58	7.10	6.44	6.69	6.75	6.38	7.12	6.89	6.91
22	6.87	6.70	7.26	6.61	7.11	6.46	6.65	6.68	6.41	6.87	7.35	6.91
23	6.91	6.71	7.30	6.62	7.14	6.51	6.57	6.58	6.45	6.66	7.47	6.92
24	6.95	6.66	7.34	6.64	7.11	6.55	6.52	6.52	6.48	6.61	7.47	6.91
25	6.98	6.62	7.37	6.69	7.09	6.63	6.52	6.49	6.50	6.64	7.42	6.91
26	7.00	6.61	7.42	6.76	7.08	6.72	6.50	6.48	6.54	6.76	7.35	6.92
27	7.02	6.56	7.46	6.76	7.06	6.82	6.50	6.48	6.56	6.75	7.24	6.94
28	7.03	6.53	7.51	6.77	7.05	6.89	6.48	6.55	6.58	6.74	7.13	6.96
29	7.07	6.52	7.53	6.80	---	6.96	6.50	6.64	6.60	6.72	6.88	6.97
30	7.08	6.52	7.55	6.84	---	6.87	6.50	6.66	6.61	6.66	6.61	7.02
31	7.11	---	7.56	6.88	---	6.70	---	6.66	---	6.58	6.52	---
MEAN	6.83	6.90	6.94	6.77	7.01	6.95	6.56	6.68	6.65	7.08	6.86	6.73
MAX	7.26	7.20	7.56	7.51	7.14	7.39	6.90	6.98	6.95	7.55	7.47	7.02
MIN	6.50	6.52	6.47	6.48	6.90	6.44	6.36	6.48	6.37	6.58	6.48	6.42
CAL YR 1989	TOTAL 2503.28		MEAN 6.86	MAX 7.56	MIN 6.16							
WTR YR 1990	TOTAL 2493.08		MEAN 6.83	MAX 7.56	MIN 6.36							

SAVANNAH RIVER BASIN

383

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: December 1987 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.0°C, June 24, Aug. 3, 1988, Aug. 4, 1989; minimum, 6.5°C, Dec. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.5°C, June 19, July 1, Aug. 14, 27, 28, Sept. 2, 3, 5; minimum, 6.5°C, Dec. 31.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.5	19.5	20.0	20.0	19.0	19.5	15.0	14.5	14.5	7.5	7.0	7.5
2	21.0	20.0	20.5	19.5	18.5	19.0	14.5	14.0	14.5	8.0	7.0	7.5
3	23.5	20.5	21.5	19.0	18.5	18.5	14.0	13.5	13.5	8.5	7.0	8.0
4	22.0	21.5	21.5	18.5	18.0	18.5	13.5	13.0	13.5	9.5	8.5	9.0
5	22.5	21.0	21.5	19.0	18.0	18.0	13.0	13.0	13.0	10.0	7.5	9.0
6	24.0	22.0	23.0	19.0	18.0	18.5	13.5	12.5	13.0	10.5	9.5	9.5
7	25.0	23.0	24.0	19.0	18.0	18.5	13.0	12.5	13.0	10.0	9.5	10.0
8	24.5	24.0	24.5	18.5	18.0	18.0	13.0	12.5	12.5	9.5	9.5	9.5
9	24.0	22.5	23.0	18.5	18.0	18.0	12.0	11.5	12.0	9.5	9.0	9.5
10	22.5	22.0	22.0	18.5	18.0	18.0	11.5	11.5	11.5	9.5	9.0	9.0
11	24.0	21.5	22.5	19.0	18.0	18.5	12.0	11.5	11.5	9.5	9.0	9.0
12	24.5	22.0	23.0	19.5	18.0	18.5	11.5	11.5	11.5	9.0	8.5	9.0
13	24.0	22.5	23.0	19.0	18.0	18.5	11.5	11.0	11.5	9.0	8.5	8.5
14	23.0	22.5	23.0	19.0	18.0	18.5	11.5	11.0	11.0	9.5	8.5	8.5
15	22.5	22.0	22.5	19.0	18.0	18.5	11.0	10.5	11.0	9.0	8.5	8.5
16	23.0	22.0	22.5	18.0	17.5	17.5	11.0	10.5	10.5	11.0	8.5	9.0
17	23.0	22.0	22.0	17.5	17.0	17.5	10.5	10.0	10.0	10.5	9.0	9.5
18	22.5	22.0	22.0	17.0	16.5	17.0	10.0	9.5	10.0	10.5	9.0	10.0
19	22.5	21.0	21.5	16.5	16.5	16.5	10.0	9.5	9.5	12.0	10.5	11.0
20	21.0	19.5	20.0	16.5	16.0	16.5	9.5	9.0	9.5	12.0	11.0	11.5
21	19.5	19.5	19.5	17.0	16.0	16.5	10.0	9.0	9.5	11.5	9.0	10.0
22	20.5	19.0	19.5	16.5	16.0	16.0	9.5	8.5	9.0	11.5	10.0	10.5
23	19.5	19.0	19.5	15.5	15.5	15.5	8.5	7.5	8.0	12.0	10.5	11.0
24	20.0	19.0	19.5	15.5	15.0	15.0	7.5	7.0	7.5	11.0	10.5	10.5
25	19.5	19.0	19.0	15.5	15.0	15.0	7.0	7.0	7.0	10.5	9.0	10.0
26	19.0	18.5	19.0	15.5	15.0	15.0	7.0	7.0	7.0	11.0	9.5	10.5
27	19.0	18.5	18.5	16.0	14.5	15.0	7.5	7.0	7.0	11.0	10.0	10.5
28	19.0	18.5	18.5	15.5	14.5	15.0	8.0	7.0	7.5	12.0	10.0	10.5
29	19.0	18.5	18.5	15.5	15.0	15.0	8.0	7.0	7.5	10.5	10.0	10.5
30	19.0	18.5	19.0	15.0	14.5	15.0	8.5	7.0	7.5	11.5	10.0	10.5
31	20.0	19.0	19.5	---	---	---	7.0	6.5	7.0	12.0	10.5	11.0
MONTH	25.0	18.5	21.0	20.0	14.5	17.0	15.0	6.5	10.5	12.0	7.0	9.5

SAVANNAH RIVER BASIN

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.5	11.5	12.0	13.5	12.5	13.0	21.5	17.0	18.0	25.0	22.0	23.5
2	12.5	11.5	12.0	13.5	13.0	13.0	19.0	16.5	18.0	25.5	24.0	24.5
3	14.0	11.5	12.5	13.0	13.0	13.0	18.0	16.5	17.0	25.0	23.0	23.5
4	13.5	11.5	12.5	13.5	13.0	13.0	18.0	16.5	17.5	24.5	20.5	22.5
5	13.0	12.0	12.5	14.5	13.0	13.5	18.0	17.0	17.5	23.5	22.0	23.0
6	13.5	12.5	12.5	16.0	14.0	15.0	18.0	16.5	17.0	23.5	22.5	23.0
7	14.0	12.0	13.0	16.0	14.0	14.5	18.0	17.0	17.5	24.5	22.5	23.0
8	14.0	13.0	13.5	14.0	13.5	13.5	19.0	17.0	18.0	23.5	22.0	22.5
9	13.5	12.0	13.0	13.5	13.0	13.5	18.5	17.5	18.0	22.0	21.5	22.0
10	12.5	11.5	12.0	16.5	13.0	14.5	17.5	17.0	17.0	23.0	21.5	22.0
11	15.0	13.0	13.5	15.0	13.5	14.0	18.0	17.0	17.5	24.5	21.5	23.0
12	14.5	13.5	14.0	19.0	13.5	15.0	19.5	17.0	18.0	23.5	21.0	22.5
13	14.0	12.5	13.5	18.0	14.5	16.0	18.5	17.5	18.0	23.0	22.0	22.5
14	14.0	13.0	13.5	18.0	13.0	14.5	17.5	17.0	17.5	26.5	22.5	23.5
15	14.0	12.5	13.5	18.0	12.5	14.5	20.0	17.0	18.5	24.5	22.5	23.5
16	14.5	13.0	13.5	14.0	12.5	13.0	21.0	19.0	20.0	24.5	22.5	23.5
17	15.5	14.0	14.5	16.5	13.5	15.0	21.0	18.5	20.0	25.0	24.0	24.5
18	15.0	14.0	14.5	18.5	16.5	17.5	20.0	19.0	19.5	26.5	24.0	25.5
19	14.0	14.0	14.0	18.5	16.5	17.5	19.0	18.0	18.5	26.0	23.5	25.0
20	14.5	14.0	14.0	17.0	16.5	16.5	18.5	17.5	18.0	25.5	23.5	24.5
21	14.0	13.5	14.0	17.5	16.0	16.5	19.0	17.5	18.0	27.5	24.5	25.5
22	14.5	13.5	14.0	16.5	15.5	16.0	20.5	18.5	19.5	26.5	25.0	25.5
23	14.0	13.5	14.0	18.5	15.5	16.5	20.0	19.0	19.5	26.5	24.5	25.5
24	13.5	13.0	13.5	18.5	17.0	18.0	21.5	19.0	20.0	26.0	24.5	25.0
25	13.5	12.5	13.0	20.0	17.0	18.5	21.5	19.5	20.5	24.5	23.5	24.0
26	13.0	12.5	13.0	21.0	19.0	19.5	23.5	21.0	21.5	25.5	23.5	24.0
27	14.5	12.5	13.0	19.0	18.0	18.5	23.0	19.0	21.0	28.0	24.0	26.0
28	13.5	12.5	13.0	18.0	17.5	18.0	20.5	17.5	19.0	26.5	25.0	25.5
29	---	---	---	18.0	17.0	17.5	21.5	19.0	20.5	25.5	25.0	25.0
30	---	---	---	17.0	16.5	17.0	22.5	20.0	21.5	26.5	24.5	25.0
31	---	---	---	17.5	16.5	17.0	---	---	---	25.5	24.5	25.0
MONTH	15.5	11.5	13.5	21.0	12.5	15.5	23.5	16.5	18.5	28.0	20.5	24.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.0	24.0	24.5	31.5	30.0	30.5	31.0	30.0	30.5	30.0	29.0	29.5
2	25.0	24.0	24.5	31.0	30.0	30.5	31.0	29.5	30.0	31.5	29.5	30.0
3	26.0	24.5	25.0	30.0	29.0	29.5	30.5	29.5	30.0	31.5	29.5	30.5
4	27.0	25.0	26.0	29.5	28.5	29.0	30.0	28.5	29.5	31.0	30.0	30.0
5	28.5	26.0	26.5	31.0	28.5	29.5	29.5	28.5	28.5	31.5	29.5	30.0
6	27.5	26.0	26.5	31.0	29.5	30.5	30.0	28.0	29.0	30.0	29.0	29.5
7	29.0	26.0	27.0	30.5	30.0	30.5	30.5	28.5	29.5	29.5	29.0	29.0
8	29.5	25.5	27.5	30.0	27.5	29.5	30.0	29.0	29.5	30.0	29.0	29.0
9	28.5	26.5	27.0	30.0	28.5	29.0	29.5	28.5	29.0	29.5	29.0	29.5
10	28.5	26.5	27.5	31.0	29.0	29.5	31.0	28.5	29.5	30.0	29.0	29.5
11	29.0	27.5	28.0	30.5	29.0	29.5	30.0	29.0	29.5	30.0	29.0	29.5
12	28.5	27.5	28.0	29.5	27.5	29.0	29.5	28.5	29.0	30.5	29.5	29.5
13	29.0	27.0	28.0	29.0	28.0	28.5	31.0	28.5	29.0	31.0	29.5	30.0
14	29.0	27.0	28.0	28.5	28.0	28.0	31.5	29.0	29.5	30.0	29.0	29.5
15	29.5	28.0	28.5	28.5	27.5	28.0	30.0	28.5	29.0	30.0	28.5	29.0
16	28.5	28.0	28.5	29.0	28.0	28.0	30.0	29.0	29.5	29.0	28.5	29.0
17	29.0	27.5	28.5	29.0	27.5	28.0	29.5	29.0	29.0	29.0	28.0	28.5
18	29.5	28.0	28.5	28.5	28.0	28.5	30.5	29.0	29.5	28.0	27.0	27.5
19	31.5	27.5	29.0	28.5	28.0	28.0	30.0	29.5	29.5	28.0	27.0	27.0
20	30.0	29.0	29.5	29.5	28.0	28.5	30.0	29.0	29.5	28.0	26.5	27.0
21	31.0	29.0	30.0	30.0	28.0	28.5	30.0	29.0	29.5	29.0	27.0	28.0
22	31.0	27.5	30.0	29.0	28.0	28.5	29.0	28.5	29.0	28.5	28.0	28.5
23	29.5	28.0	28.5	30.0	28.0	29.0	29.5	28.5	28.5	28.0	26.5	27.5
24	30.0	28.5	29.0	31.0	29.0	30.0	29.0	28.0	28.5	26.5	25.5	26.0
25	29.5	28.5	29.0	30.0	29.0	29.5	29.0	28.5	29.0	26.0	25.5	25.5
26	30.0	28.5	29.0	30.0	29.0	29.5	30.5	28.5	29.0	26.0	25.0	25.5
27	30.5	28.5	29.5	29.5	28.5	29.0	31.5	29.5	30.5	27.0	24.5	26.0
28	29.5	28.0	29.0	29.0	28.5	29.0	31.5	29.5	30.0	26.5	25.0	25.5
29	30.5	28.0	29.0	30.5	28.5	29.5	31.0	29.0	30.0	25.0	25.0	25.0
30	31.0	28.5	29.5	31.0	29.0	30.0	30.5	29.5	30.0	25.5	24.5	25.0
31	---	---	---	31.0	29.0	30.0	30.0	29.0	29.5	---	---	---
MONTH	31.5	24.0	28.0	31.5	27.5	29.0	31.5	28.0	29.5	31.5	24.5	28.0
YEAR	31.5	6.5	20.5									

SAVANNAH RIVER BASIN

385

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER PLANT, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°09'35'', long 81°37'56'', Barnwell County, Hydrologic Unit Code 03060106, on right wingwall, 2 ft downstream from headwall of spillway, directly below L-Lake Dam, at Savannah River Plant, SC.

PERIOD OF RECORD.--November 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: November 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 32.0°C, Aug. 1, 1990; minimum, 6.5°C, Dec. 27 - 31, 1989, Jan. 1, 1990.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.0°C, Aug. 1; minimum, 6.5°C, Dec. 27 - 31, Jan. 1.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.0	18.0	20.0	18.5	18.0	18.5	14.5	14.0	14.5	8.0	6.5	7.0
2	21.5	19.0	20.5	18.5	18.0	18.5	14.5	14.0	14.0	7.5	7.0	7.0
3	22.0	19.0	21.0	18.5	18.0	18.0	14.0	13.5	13.5	8.0	7.0	7.5
4	22.5	21.5	22.0	18.0	18.0	18.0	13.5	13.0	13.0	8.0	7.5	7.5
5	22.0	21.5	22.0	18.0	17.5	17.5	13.0	13.0	13.0	8.5	7.5	7.5
6	22.0	21.5	21.5	18.0	17.5	17.5	13.0	12.5	12.5	9.5	8.5	9.0
7	22.5	21.5	22.0	18.0	17.5	17.5	12.5	12.5	12.5	9.5	9.0	9.0
8	23.0	22.0	22.5	18.0	17.5	17.5	12.5	12.0	12.5	9.5	8.5	9.0
9	22.5	21.5	22.0	18.0	17.5	18.0	12.0	11.5	12.0	9.0	8.5	9.0
10	21.5	20.5	21.0	18.0	17.5	18.0	11.5	11.5	11.5	9.0	8.5	8.5
11	21.0	20.5	20.5	18.0	17.5	17.5	11.5	11.5	11.5	9.0	8.5	9.0
12	21.0	20.5	20.5	18.5	17.5	18.0	11.5	11.5	11.5	9.0	8.5	8.5
13	21.0	20.5	21.0	18.0	17.5	18.0	11.5	11.0	11.0	9.0	8.5	8.5
14	21.0	20.5	20.5	18.0	17.5	17.5	11.0	11.0	11.0	8.5	8.5	8.5
15	21.0	18.0	20.5	18.0	17.5	17.5	11.0	10.5	10.5	8.5	8.5	8.5
16	20.5	20.5	20.5	17.5	17.0	17.5	10.5	10.5	10.5	9.0	8.5	8.5
17	21.0	20.5	20.5	17.0	17.0	17.0	10.5	10.0	10.0	9.0	8.5	9.0
18	20.5	20.0	20.5	17.0	16.5	16.5	10.0	9.5	10.0	9.5	8.5	9.0
19	20.5	18.5	20.0	16.5	16.0	16.5	9.5	9.5	9.5	10.5	9.5	10.0
20	19.5	18.5	19.0	16.5	16.0	16.0	9.5	9.0	9.5	---	---	---
21	19.0	18.5	18.5	16.5	16.0	16.0	9.5	9.0	9.5	---	---	---
22	19.0	18.5	18.5	16.0	15.5	16.0	9.5	8.5	9.0	---	---	---
23	18.5	18.0	18.5	15.5	15.5	15.5	8.5	7.5	8.0	---	---	---
24	18.5	18.0	18.5	15.5	15.0	15.0	7.5	7.0	7.0	---	---	---
25	---	---	---	15.0	14.5	15.0	7.0	7.0	7.0	---	---	---
26	---	---	---	14.5	14.5	14.5	7.0	7.0	7.0	---	---	---
27	---	---	---	14.5	14.5	14.5	7.0	6.5	7.0	---	---	---
28	---	---	---	15.0	14.5	14.5	7.5	6.5	7.0	---	---	---
29	---	---	---	15.0	14.5	15.0	7.0	6.5	7.0	---	---	---
30	---	---	---	15.0	14.5	14.5	7.0	6.5	6.5	---	---	---
31	---	---	---	---	---	---	6.5	6.5	6.5	11.5	10.5	10.5
MONTH	23.0	18.0	20.5	18.5	14.5	16.5	14.5	6.5	10.0	11.5	6.5	8.5

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.5	11.0	11.0	13.0	12.0	12.5	17.0	15.5	16.0	23.0	20.5	21.5
2	11.5	10.5	11.0	13.0	12.5	12.5	16.5	15.5	16.0	22.0	21.0	21.5
3	12.0	11.0	11.5	13.0	12.5	12.5	17.5	16.0	16.5	22.0	20.5	21.0
4	12.5	10.5	11.5	13.0	12.5	13.0	17.5	16.5	17.0	21.5	19.0	20.5
5	12.5	12.0	12.0	13.0	12.5	13.0	17.0	16.0	16.5	22.5	21.0	21.5
6	---	---	---	14.5	13.5	14.0	17.0	16.0	16.5	22.5	21.5	22.0
7	13.0	12.0	12.5	14.5	13.5	14.0	17.5	17.0	17.5	22.5	21.0	22.0
8	12.5	12.5	12.5	13.5	13.0	13.5	17.5	17.0	17.0	22.0	21.0	21.5
9	12.5	11.5	12.0	13.0	13.0	13.0	17.0	16.5	17.0	21.5	20.5	21.0
10	12.5	11.0	11.5	13.5	12.5	13.0	16.5	15.5	16.5	22.5	20.5	21.5
11	14.0	12.5	13.0	13.0	12.5	12.5	17.5	16.5	17.0	22.5	21.5	22.0
12	14.0	13.0	13.5	14.0	13.0	13.5	18.5	17.0	17.5	22.0	20.5	21.0
13	13.5	12.0	12.5	14.0	13.0	13.5	17.5	17.0	17.5	22.5	20.5	22.0
14	13.0	12.5	13.0	14.5	12.5	13.0	17.0	16.5	17.0	23.0	22.0	22.5
15	13.0	11.5	12.5	15.5	12.0	13.0	17.5	16.5	17.0	22.5	22.0	22.5
16	13.5	12.0	13.0	13.5	12.0	12.5	19.0	17.5	18.0	23.0	22.0	22.5
17	15.0	14.0	14.5	16.0	13.0	14.0	18.5	17.5	18.0	24.0	22.5	23.0
18	14.5	14.0	14.0	17.5	16.0	16.5	19.5	18.0	19.0	25.0	23.5	24.0
19	14.0	14.0	14.0	16.5	15.5	16.0	18.5	18.0	18.0	24.0	22.5	23.5
20	14.0	14.0	14.0	17.0	16.0	16.5	18.0	17.0	17.5	24.0	22.0	23.0
21	14.0	13.5	13.5	16.0	15.5	16.0	18.0	17.0	17.5	25.5	23.5	24.5
22	13.5	13.0	13.5	15.5	15.0	15.5	19.0	18.0	18.5	26.0	23.5	25.0
23	13.5	13.5	13.5	17.5	15.0	16.0	18.5	18.0	18.5	25.5	24.5	25.0
24	13.5	13.0	13.0	16.5	16.0	16.5	19.0	18.0	18.5	24.5	24.0	24.0
25	13.5	12.5	13.0	18.0	16.0	16.5	19.0	18.5	19.0	24.0	22.5	23.5
26	13.0	12.5	12.5	20.0	17.0	18.0	20.0	18.5	19.5	24.0	23.0	23.5
27	13.0	12.5	12.5	18.5	17.5	18.0	20.0	18.0	19.0	26.0	23.5	24.5
28	13.0	12.0	12.5	17.5	17.5	17.5	19.0	16.0	18.0	26.0	24.0	25.0
29	---	---	---	17.5	17.0	17.0	20.0	18.0	19.5	25.5	24.5	25.0
30	---	---	---	17.0	16.0	16.5	20.5	19.0	19.5	25.5	24.5	25.0
31	---	---	---	16.5	16.0	16.5	---	---	---	25.0	24.0	24.5
MONTH	15.0	10.5	12.5	20.0	12.0	14.5	20.5	15.5	17.5	26.0	19.0	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.5	23.5	24.0	29.5	28.0	28.5	32.0	30.5	31.0	30.0	29.0	29.5
2	24.5	24.0	24.0	29.5	28.5	29.0	31.5	30.0	30.5	29.5	29.0	29.0
3	25.0	24.0	24.5	29.0	27.5	28.5	31.0	30.5	30.5	30.0	29.0	29.0
4	25.5	24.5	25.0	28.0	27.0	28.0	30.5	29.5	30.0	30.0	29.0	29.0
5	26.5	25.0	25.5	29.0	27.0	28.0	29.5	29.0	29.5	29.5	29.0	29.0
6	25.5	25.0	25.0	30.0	28.5	29.0	30.5	29.0	29.5	29.0	28.5	28.5
7	26.5	25.0	25.5	29.5	28.5	29.0	30.5	29.5	30.0	28.5	28.5	28.5
8	26.5	24.5	25.5	29.0	27.5	28.0	30.5	29.5	30.0	29.0	28.5	28.5
9	26.5	25.0	25.5	30.0	27.5	29.0	29.5	29.5	29.5	29.0	28.5	29.0
10	27.5	26.0	26.5	30.5	30.0	30.0	30.0	29.5	29.5	29.0	28.5	28.5
11	28.5	27.0	28.0	30.5	29.5	30.0	29.5	29.0	29.5	29.0	29.0	29.0
12	27.5	27.0	27.5	30.0	28.0	29.0	29.5	29.0	29.0	30.0	29.0	29.0
13	27.0	26.5	27.0	29.5	29.0	29.0	29.5	29.0	29.0	29.5	29.0	29.0
14	27.5	26.5	27.0	29.5	28.5	29.0	30.0	28.5	29.0	29.5	29.0	29.0
15	28.5	27.0	27.5	29.0	28.5	28.5	29.5	29.0	29.0	29.0	28.0	28.5
16	28.5	27.0	27.5	29.0	28.5	29.0	30.0	29.0	29.5	29.0	28.5	28.5
17	28.5	26.5	27.5	29.0	28.5	29.0	29.5	29.0	29.5	28.5	28.0	28.0
18	27.5	27.0	27.5	29.0	28.5	29.0	30.0	29.0	29.5	28.0	27.0	27.5
19	29.0	26.5	27.5	29.0	28.5	28.5	29.5	29.0	29.0	27.0	26.5	27.0
20	28.5	28.0	28.0	29.0	28.5	28.5	29.0	29.0	29.0	27.0	26.5	26.5
21	29.0	27.5	28.0	29.0	28.5	28.5	29.5	29.0	29.0	28.0	26.5	27.0
22	28.5	26.5	27.5	29.0	28.0	28.5	30.5	28.5	29.0	28.0	27.0	27.5
23	28.5	27.5	28.0	29.5	28.0	28.5	28.5	28.0	28.5	27.5	26.5	27.0
24	29.0	28.0	28.5	29.5	28.5	29.0	28.5	28.0	28.0	26.5	25.5	26.0
25	28.5	28.0	28.0	30.0	29.0	29.5	28.5	28.0	28.5	26.0	25.0	25.5
26	29.0	28.0	28.0	30.0	29.0	29.5	29.0	28.0	28.5	25.0	24.5	25.0
27	29.0	27.5	28.0	29.5	29.0	29.0	30.5	28.5	29.0	25.0	24.5	25.0
28	28.0	27.0	27.5	29.0	28.5	29.0	29.0	28.5	28.5	25.0	25.0	25.0
29	28.5	27.0	28.0	29.0	28.5	28.5	29.0	28.0	28.5	25.0	24.5	25.0
30	29.5	27.5	28.5	29.0	28.0	28.5	---	---	---	24.5	24.5	24.5
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	29.5	23.5	27.0	30.5	27.0	29.0	32.0	28.0	29.5	30.0	24.5	27.5
YEAR	32.0	6.5	20.0									

387

LOCATION.--Lat 33°13'33'', long 81°34'39'', Barnwell County, Hydrologic Unit 03060106, near the middle of the stream, 50 ft southeast of P Area, and 1700 ft southwest of SRS Road F, at Savannah River Site.

GAGE.--Water-stage recorder. Elevation of gage is 310 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 2, 1989, gage height, 1.84 ft; no flow, Apr. 17, 19, 1987, many days in 1989, 1990.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

CAL YR 1989	TOTAL 177.50	MEAN .49	MAX 2.1	MIN .00
WTR YR 1990	TOTAL 223.03	MEAN .67	MAX 2.1	MIN .00

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 current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown Nov. 22, 1985, gage height, 3.55 ft; minimum daily, 7.7 ft³/s, Sept. 14, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 410 ft³/s, Dec. 20, gage height, 2.69 ft; minimum daily, 31 ft³/s, Sept. 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	174	45	64	190	85	85	182	152	198	184	62	115
2	269	51	62	182	85	86	148	152	197	61	59	72
3	250	55	62	180	85	88	148	151	201	61	57	76
4	236	56	61	179	89	88	148	151	203	61	49	59
5	212	56	61	178	96	87	148	153	202	61	47	31
6	196	72	62	194	92	87	148	153	201	62	46	32
7	172	99	65	221	92	88	151	152	205	62	49	37
8	118	103	95	252	90	88	150	150	218	62	83	43
9	66	116	158	196	89	91	150	152	233	63	100	33
10	35	115	182	150	91	93	152	160	211	62	70	35
11	35	111	172	131	91	89	160	155	208	64	57	44
12	33	111	173	128	88	87	154	155	205	68	50	46
13	33	110	184	128	88	87	152	155	205	73	48	48
14	34	109	167	118	87	89	153	155	206	70	47	50
15	37	123	164	110	86	170	153	171	207	68	47	53
16	36	137	161	111	97	285	152	186	230	68	46	57
17	36	123	160	101	114	295	151	200	217	73	46	77
18	54	117	160	87	98	284	153	206	210	149	46	86
19	57	117	255	87	126	238	153	203	208	257	45	86
20	42	115	347	87	104	193	152	189	205	279	44	84
21	40	115	77	91	95	130	151	181	204	277	43	76
22	39	112	75	89	97	74	151	183	208	278	189	78
23	38	129	70	87	99	73	151	183	206	191	117	80
24	37	111	70	85	92	71	150	185	206	56	94	82
25	36	103	72	91	86	71	149	184	205	65	139	83
26	36	108	75	116	85	70	148	186	204	95	162	85
27	36	108	76	94	84	70	149	187	203	73	201	80
28	36	109	79	91	85	72	154	238	205	70	233	76
29	36	97	79	91	---	148	166	287	204	68	316	74
30	37	66	105	90	---	237	156	207	203	68	267	79
31	39	---	162	87	---	247	---	200	---	65	148	---
TOTAL	2535	2999	3755	4022	2596	3961	4583	5522	6218	3214	3007	1957
MEAN	81.8	100	121	130	92.7	128	153	178	207	104	97.0	65.2
MAX	269	137	347	252	126	295	182	287	233	279	316	115
MIN	33	45	61	85	84	70	148	150	197	56	43	31

CAL YR 1989 TOTAL 46526 MEAN 127 MAX 469 MIN 30
WTR YR 1990 TOTAL 44369 MEAN 122 MAX 347 MIN 31

SAVANNAH RIVER BASIN

389

02197357 STEEL CREEK NEAR SNELLING, SC

LOCATION.--Lat 33°05'46'', long 81°37'04'', Barnwell County, Hydrologic Unit 03060106, 15.4 mi upstream from Lower Three Runs at mile 141.6.

GAGE-HEIGHT RECORD

PERIOD OF RECORD.--October 1987 to current year.

GAGE.--Data collection platform. Datum of gage is 71.002 ft above National Geodetic Vertical Datum of 1929 (levels by USGS personnel, Bench Mark elevation supplied by SRS.)

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.55 ft, Mar. 1, 1990; minimum .48 ft, Aug. 9, 10, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.55 ft, Mar. 1; minimum, 1.28 ft, Nov. 26, 27.

GAGE HEIGHT (FEET ABOVE NGVD), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.90	3.90	6.99	8.64	10.66	15.52	12.70	3.31	9.42	1.87	4.80	9.80
2	3.45	4.73	6.19	6.12	10.97	15.51	9.81	4.75	8.92	1.85	5.26	8.53
3	8.30	5.80	4.70	7.73	11.16	15.17	7.07	5.62	7.51	2.49	5.60	5.25
4	10.78	6.33	2.34	8.07	10.23	14.80	6.02	5.20	4.49	3.18	5.49	4.81
5	11.32	5.07	4.33	7.72	6.22	14.51	5.60	3.67	3.37	2.75	3.18	5.15
6	11.75	1.96	6.10	7.93	7.16	14.37	5.60	3.30	2.88	3.52	2.28	5.30
7	12.33	1.94	6.91	6.63	9.78	14.29	3.99	3.77	2.72	4.78	3.25	7.13
8	12.99	4.00	7.59	4.90	10.47	14.29	3.22	5.54	2.47	2.99	4.72	8.96
9	13.48	4.35	9.37	6.41	10.78	14.34	2.47	5.90	3.15	1.94	5.62	7.74
10	13.57	3.80	10.98	8.75	11.00	14.38	2.72	5.44	4.18	3.20	6.23	4.62
11	13.14	4.18	11.71	7.84	10.91	14.39	6.07	5.01	3.66	4.92	5.33	3.11
12	12.53	2.57	12.29	6.30	10.74	14.37	7.82	5.72	3.04	5.47	2.97	2.29
13	11.90	1.52	12.78	4.76	10.60	14.36	8.13	7.48	2.38	5.35	2.27	2.05
14	11.40	1.55	13.01	4.17	11.12	14.41	7.81	5.21	2.18	4.11	3.57	1.97
15	9.61	2.11	13.15	2.26	11.77	14.45	6.35	5.02	3.31	2.40	5.13	2.28
16	5.94	2.57	13.23	3.59	12.47	14.48	3.31	7.88	3.84	2.07	5.26	2.73
17	6.29	3.38	13.19	8.19	13.25	14.48	2.87	9.85	2.58	2.24	5.16	2.32
18	9.31	3.45	13.09	9.30	13.83	14.42	6.87	10.52	2.30	2.73	4.84	1.86
19	10.47	2.05	12.96	9.38	14.16	14.26	8.92	10.90	2.89	4.90	3.88	1.76
20	11.06	1.80	12.88	---	14.21	14.38	8.42	11.20	4.12	4.26	2.48	1.76
21	11.37	2.23	12.88	---	14.38	14.78	7.94	11.50	4.77	2.65	4.29	1.96
22	10.58	1.69	12.89	---	14.78	15.04	5.47	11.74	5.08	2.95	5.33	3.49
23	6.62	1.46	12.88	---	15.13	15.15	2.49	---	3.97	2.89	7.01	2.68
24	4.96	1.69	12.90	8.04	15.13	15.23	3.22	---	2.17	4.03	7.06	1.80
25	7.83	1.64	12.95	8.83	14.97	15.27	5.10	---	1.91	5.30	6.30	2.68
26	8.66	1.35	12.94	8.88	14.92	15.29	5.47	---	3.04	5.22	3.95	3.04
27	8.67	1.38	12.86	8.83	15.11	15.30	5.82	---	4.13	4.81	3.24	3.09
28	8.91	3.13	12.75	8.57	15.34	15.14	4.94	---	3.61	3.92	---	3.15
29	6.42	4.65	12.64	5.49	---	14.63	3.66	6.58	2.62	2.39	---	3.15
30	2.62	7.27	12.55	8.00	---	14.01	3.01	8.81	2.32	1.94	9.41	2.19
31	1.93	---	11.87	9.99	---	13.50	---	9.61	---	3.74	9.76	---
MEAN	9.07	3.12	10.77	7.23	12.19	14.66	5.76	6.94	3.77	3.45	4.95	3.89
MAX	13.57	7.27	13.23	9.99	15.34	15.52	12.70	11.74	9.42	5.47	9.76	9.80
MIN	1.93	1.35	2.34	2.26	6.22	13.50	2.47	3.30	1.91	1.85	2.27	1.76
CAL YR 1989	TOTAL 1250.99	MEAN 4.07	MAX 13.57	MIN .57								
WTR YR 1990	TOTAL 2526.26	MEAN 7.16	MAX 15.52	MIN 1.35								

SAVANNAH RIVER BASIN

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1980 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.0°C, Oct. 20, 1985; minimum, 0.5°C, Dec. 26, 1983.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.5°C, July 1, 8; minimum, 2.5°C, Dec. 24, 25.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.5	23.0	23.0	20.5	18.0	19.0	10.5	8.0	9.5	10.0	9.0	10.0
2	24.0	22.5	23.5	19.0	17.5	18.0	10.5	8.0	9.5	9.0	7.0	8.0
3	23.5	22.0	23.0	17.5	16.0	16.5	10.5	7.5	9.0	9.5	7.0	8.0
4	23.0	22.0	22.5	17.0	13.5	15.0	7.5	5.0	6.0	11.0	8.5	9.5
5	23.0	22.0	22.5	17.0	14.0	15.5	8.5	5.5	6.5	11.5	10.5	11.0
6	22.5	21.5	22.0	18.5	15.0	16.5	11.0	7.0	8.5	12.5	11.0	11.5
7	23.0	21.5	22.5	19.5	17.0	18.0	12.0	10.5	11.0	12.0	10.5	11.0
8	23.0	22.0	22.5	19.5	19.0	19.5	12.0	9.0	11.0	11.5	10.0	10.5
9	22.0	20.0	21.0	21.0	19.0	20.0	11.0	7.5	8.5	11.5	9.5	10.5
10	20.0	19.0	19.5	19.0	15.0	16.5	11.0	8.0	10.0	11.0	9.0	10.0
11	19.5	18.5	19.0	17.5	14.0	16.0	10.5	10.0	10.5	11.0	8.0	9.5
12	20.0	19.0	19.5	18.0	14.5	16.5	10.0	7.5	8.0	10.5	8.5	9.5
13	20.0	19.5	19.5	18.5	15.0	16.5	9.0	8.0	8.5	8.0	5.0	6.5
14	20.5	20.0	20.0	19.0	14.5	17.0	8.5	8.0	8.0	7.5	4.0	6.0
15	21.0	20.0	20.5	20.0	17.5	18.5	8.0	7.5	7.5	9.5	5.5	7.5
16	22.5	20.5	21.5	19.5	15.0	18.0	8.5	8.0	8.0	11.0	7.0	9.0
17	23.5	22.0	22.5	14.5	11.0	12.5	8.0	7.0	7.5	11.5	9.0	10.0
18	23.0	22.5	23.0	12.5	10.0	11.5	6.5	6.0	6.5	12.0	11.0	11.5
19	22.5	20.0	21.5	13.5	11.0	12.0	6.0	6.0	6.0	14.0	12.0	12.5
20	19.5	16.0	17.5	14.0	10.0	12.0	6.0	5.5	6.0	---	---	---
21	16.0	14.0	15.0	16.5	13.5	14.5	6.0	5.5	5.5	---	---	---
22	14.5	13.0	14.0	15.0	13.0	13.5	6.0	5.0	5.5	---	---	---
23	15.0	13.5	14.5	14.0	11.5	12.5	5.0	3.5	4.0	12.5	9.0	10.0
24	15.5	13.5	15.0	11.0	8.5	10.0	3.5	2.5	3.0	12.5	10.0	11.0
25	16.0	14.0	15.0	12.5	8.0	10.0	3.5	2.5	3.0	15.0	12.5	13.0
26	16.5	14.5	15.5	15.0	12.5	13.5	4.5	3.0	3.5	15.0	10.0	12.0
27	17.5	15.0	16.0	16.5	13.5	15.0	5.5	4.0	4.5	10.0	6.5	8.0
28	18.0	16.5	17.0	18.0	15.5	16.5	6.5	5.0	5.5	11.5	7.5	9.0
29	19.0	16.0	17.5	17.5	14.0	15.5	7.0	6.0	6.5	14.5	10.0	12.0
30	20.0	18.0	19.0	13.5	9.5	11.0	8.5	7.0	7.5	14.0	9.5	11.0
31	21.0	19.5	20.0	---	---	---	10.0	8.5	9.0	11.0	10.0	10.5
MONTH	24.0	13.0	19.5	21.0	8.0	15.0	12.0	2.5	7.0	15.0	4.0	10.0

391

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.0	10.0	10.0	11.5	10.5	11.0	15.5	14.0	15.0	26.0	20.5	23.0
2	13.5	10.0	11.0	12.0	11.5	11.5	17.0	15.5	16.0	26.5	22.0	24.0
3	16.0	14.0	15.0	12.5	12.0	12.0	17.5	15.5	16.5	26.0	23.0	24.5
4	17.5	16.0	16.5	13.0	12.0	12.5	16.5	13.5	15.5	26.0	23.0	24.5
5	16.0	12.5	14.0	13.0	12.5	12.5	18.5	13.5	16.0	25.0	22.5	23.0
6	13.0	10.0	11.5	13.5	12.5	13.0	21.0	16.5	18.5	22.0	19.0	20.5
7	15.0	13.0	13.5	13.0	12.5	13.0	19.5	16.0	18.0	22.0	17.0	19.5
8	15.0	12.5	13.5	12.5	11.5	12.0	18.0	12.5	15.0	21.5	17.5	19.5
9	13.5	12.5	13.0	11.5	11.0	11.5	19.0	13.0	16.0	21.0	19.5	20.0
10	16.0	15.0	16.0	13.0	11.5	12.0	20.5	16.5	18.5	24.5	20.0	21.5
11	16.0	14.5	15.0	14.0	13.0	13.5	19.5	17.5	18.5	22.0	17.5	20.0
12	14.0	13.0	13.5	15.0	13.5	14.0	18.0	13.5	15.5	23.0	18.5	20.5
13	14.0	12.0	13.0	16.0	15.0	15.5	18.0	13.0	15.5	23.0	20.5	21.5
14	14.5	13.0	13.5	16.5	15.5	16.0	17.5	14.0	15.5	25.0	20.5	22.5
15	15.0	11.5	13.0	16.5	16.0	16.0	20.5	16.5	18.0	25.5	22.0	23.5
16	17.0	14.0	16.0	17.0	16.0	16.5	22.0	16.0	19.0	24.5	20.5	22.5
17	16.5	15.0	16.0	17.0	16.0	16.5	23.0	16.5	19.5	20.5	19.5	20.0
18	15.0	12.5	14.0	16.0	15.5	15.5	21.5	17.0	18.5	19.5	19.0	19.0
19	12.5	11.5	12.0	15.5	15.0	15.0	16.5	14.0	15.0	19.0	18.0	18.5
20	12.5	11.5	12.0	15.0	14.0	14.5	19.0	15.0	16.0	21.0	18.5	19.0
21	12.5	11.5	12.0	14.0	13.0	13.5	21.0	16.0	18.0	24.0	21.5	23.0
22	12.5	11.5	12.0	14.0	13.0	13.5	21.5	18.0	20.0	23.5	22.0	23.0
23	13.0	12.5	12.5	14.5	13.0	14.0	22.5	17.5	20.0	22.0	21.0	21.5
24	12.5	11.5	12.0	15.0	14.0	14.5	23.0	17.0	20.0	---	---	---
25	12.0	11.0	11.5	15.5	14.5	15.0	23.5	18.0	20.5	---	---	---
26	11.0	10.0	10.5	16.0	15.0	15.5	24.0	18.0	21.0	---	---	---
27	10.5	9.5	10.0	15.5	15.0	15.0	23.5	18.5	21.5	---	---	---
28	11.0	10.0	10.5	14.5	14.5	14.5	22.5	19.5	20.5	---	---	---
29	---	---	---	14.5	14.0	14.5	21.0	18.0	19.5	22.5	21.5	22.0
30	---	---	---	14.0	14.0	14.0	24.5	18.5	21.5	22.5	20.5	21.5
31	---	---	---	14.5	14.0	14.0	---	---	---	22.0	20.5	21.5
MONTH	17.5	9.5	13.0	17.0	10.5	14.0	24.5	12.5	18.0	26.5	17.0	21.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.5	21.0	22.0	29.5	26.5	28.0	28.5	26.5	27.5	24.0	23.5	23.5
2	23.0	22.0	22.5	29.0	26.5	28.0	27.5	25.5	26.5	27.5	23.5	26.0
3	25.0	22.0	23.5	28.0	26.0	27.0	26.5	24.5	25.5	27.5	25.0	26.5
4	26.5	23.0	24.5	28.0	25.5	27.0	28.0	25.0	26.0	27.5	25.5	26.5
5	26.5	23.0	24.5	28.5	26.5	27.5	28.0	25.0	26.5	26.5	24.0	25.0
6	27.0	23.0	25.0	28.5	26.5	27.5	28.0	25.5	26.5	26.5	24.0	25.0
7	28.0	24.0	26.0	29.0	26.0	27.5	27.0	26.0	26.5	26.5	24.0	25.0
8	28.0	25.0	26.5	29.5	27.5	28.5	27.0	25.0	26.0	24.0	23.5	23.5
9	27.0	24.0	25.5	29.0	27.5	28.0	26.0	24.0	25.0	27.0	23.5	25.5
10	28.0	24.5	26.5	28.5	27.0	28.0	26.5	24.5	25.5	27.5	25.5	26.5
11	27.5	24.5	26.0	28.5	26.5	27.5	27.0	24.0	25.5	27.5	25.5	26.5
12	26.5	23.0	24.5	28.5	26.5	27.5	27.5	24.5	26.0	27.5	25.5	26.5
13	26.0	22.0	24.0	28.0	25.5	27.0	28.0	25.0	26.5	27.0	25.0	26.0
14	27.0	22.5	24.5	26.5	25.0	26.0	27.0	25.5	26.5	26.5	25.0	25.5
15	27.5	24.5	26.0	27.5	24.5	26.0	27.5	25.0	26.0	26.5	23.5	25.0
16	26.5	25.0	25.5	27.5	24.5	26.0	27.5	26.0	26.5	26.0	23.5	24.5
17	27.0	24.0	25.5	28.0	25.0	26.5	27.5	25.5	26.0	24.5	21.5	23.0
18	28.0	24.0	26.0	27.0	24.5	25.5	27.0	24.5	25.5	23.5	21.0	22.0
19	28.5	25.0	27.0	25.5	24.0	25.0	28.0	25.5	26.5	23.0	20.0	21.5
20	28.5	24.5	26.5	27.5	24.0	25.5	28.5	26.0	27.0	25.0	22.0	23.0
21	29.0	25.5	27.5	28.0	25.0	26.5	28.5	26.5	27.5	26.0	23.5	24.5
22	29.0	27.0	28.0	26.5	25.0	26.0	28.5	23.5	25.0	26.0	24.5	25.0
23	28.5	26.0	27.0	27.5	24.5	26.0	26.0	24.0	24.5	26.0	22.5	24.0
24	27.0	23.5	25.5	28.0	25.5	27.0	26.5	24.5	25.5	22.5	18.5	20.0
25	27.0	23.5	25.5	27.5	25.0	26.5	27.0	25.5	26.5	19.5	17.0	18.0
26	27.5	24.5	26.0	27.0	24.5	25.5	28.0	25.5	26.5	20.5	17.5	19.0
27	28.0	24.5	26.0	26.5	24.5	25.5	28.0	26.0	27.0	21.5	18.0	19.5
28	28.5	25.0	26.5	26.5	24.5	25.5	---	---	---	22.0	20.0	21.0
29	28.5	25.0	27.0	27.5	24.5	26.0	27.0	24.0	26.0	21.5	20.0	20.5
30	29.0	26.0	27.5	28.0	25.0	26.5	27.0	23.5	24.5	21.5	20.5	21.0
31	---	---	---	28.5	26.0	27.5	26.0	23.5	24.0	---	---	---
MONTH	29.0	21.0	25.5	29.5	24.0	26.5	28.5	23.5	26.0	27.5	17.0	23.5
YEAR	29.5	2.5	18.5									

SAVANNAH RIVER BASIN

02197362 P-019 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'06'', long 81°35'00'', Barnwell County, Hydrologic Unit 03060106, on left wingwall of concrete weir, 50 ft north of junction of L-Line and Main Line railroad track, 1500 ft northwest of P-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Mar. 26 - 31, Apr. 1 - 7, May 1, 2, which are poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 664 ft³/s, Nov. 24, 1987, gage height, 4.45 ft; no flow, Apr. 13-29, 1985, Sept. 21-28, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 179 ft³/s, Dec. 20, gage height, 3.22 ft; minimum daily, 0.20 ft³/s, Apr. 2 - 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64	83	89	87	103	64	.50	57	24	25	36	36
2	63	83	85	91	97	59	.20	60	24	25	39	36
3	73	85	92	100	98	59	.20	63	24	25	40	35
4	84	84	98	102	99	64	.20	73	24	25	38	35
5	84	84	97	94	96	64	.80	73	24	25	35	34
6	85	84	99	96	96	63	10	72	24	25	35	34
7	86	84	95	104	96	63	17	72	24	25	35	35
8	86	83	86	112	94	64	22	59	24	25	37	34
9	84	83	91	105	93	64	22	35	24	25	38	33
10	85	80	94	95	92	63	22	33	24	25	38	32
11	85	79	96	101	91	63	22	31	24	26	38	32
12	87	83	104	100	92	63	25	26	24	27	38	32
13	85	83	103	98	95	63	52	25	26	26	38	32
14	84	83	106	97	95	63	53	25	26	26	37	32
15	84	86	102	94	96	64	53	25	27	26	38	32
16	84	86	93	86	97	64	53	24	28	26	39	32
17	84	86	84	98	96	64	54	24	28	26	39	32
18	84	86	91	102	96	64	53	24	29	26	39	32
19	83	85	136	96	97	63	53	24	34	26	39	32
20	82	84	132	88	97	64	53	24	33	31	39	34
21	82	85	98	91	97	64	53	24	33	39	40	34
22	83	85	100	89	96	65	55	24	34	39	49	32
23	83	85	98	89	97	46	55	24	36	39	41	38
24	83	84	98	87	98	23	55	24	36	39	41	45
25	84	84	99	89	98	22	55	24	33	36	40	45
26	85	82	99	91	97	20	56	24	26	33	39	45
27	84	81	95	88	77	15	57	24	26	33	39	43
28	83	94	88	89	80	10	57	24	26	35	38	43
29	84	93	84	88	---	5.0	57	24	25	36	37	43
30	85	87	84	87	---	2.0	57	24	25	36	37	43
31	83	---	86	93	---	1.0	---	24	---	36	37	---
TOTAL	2555	2534	3002	2927	2656	1535.0	1122.90	1113	819	917	1193	1077
MEAN	82.4	84.5	96.8	94.4	94.9	49.5	37.4	35.9	27.3	29.6	38.5	35.9
MAX	87	94	136	112	103	65	57	73	36	39	49	45
MIN	63	79	84	86	77	1.0	.20	24	24	25	35	32

CAL YR 1989 TOTAL 25710 MEAN 70.4 MAX 257 MIN 31
WTR YR 1990 TOTAL 21450.90 MEAN 58.8 MAX 136 MIN .20

SAVANNAH RIVER BASIN

393

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 75.5°C, May 24, 27, 28, 1986; minimum, 5.0°C, Jan. 24, 1985.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.5°C, July 10 - 12; minimum, 6.0°C, Dec. 26, 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.0	22.5	23.0	19.5	19.5	19.5	14.5	14.5	14.5	9.0	8.5	8.5
2	23.0	23.0	23.0	19.5	19.0	19.5	14.5	14.0	14.0	9.5	8.5	9.0
3	23.0	22.5	23.0	19.0	19.0	19.0	14.0	13.0	13.5	9.5	9.0	9.0
4	23.0	22.5	23.0	19.0	18.5	18.5	13.0	12.5	13.0	9.5	9.0	9.0
5	23.0	22.5	22.5	18.5	18.0	18.5	12.5	12.0	12.0	9.5	9.0	9.5
6	23.0	22.5	23.0	18.5	18.0	18.5	12.0	12.0	12.0	9.5	9.5	9.5
7	23.0	22.5	22.5	19.0	18.5	18.5	13.0	12.0	12.5	9.5	9.5	9.5
8	22.5	22.0	22.5	19.0	19.0	19.0	13.0	12.5	13.0	10.0	9.5	10.0
9	22.5	22.0	22.0	19.0	18.5	19.0	12.5	12.0	12.5	10.5	10.0	10.5
10	22.0	21.5	21.5	19.0	18.5	18.5	12.0	11.5	12.0	10.5	10.0	10.0
11	22.0	21.5	21.5	18.5	18.0	18.5	11.5	11.0	11.5	10.0	9.5	10.0
12	21.5	21.0	21.5	18.5	18.0	18.0	11.0	11.0	11.0	10.0	9.5	10.0
13	22.0	21.5	21.5	18.5	18.0	18.0	11.0	11.0	11.0	10.0	9.5	9.5
14	22.0	22.0	22.0	18.5	18.0	18.0	11.0	10.5	11.0	9.5	9.0	9.5
15	22.0	22.0	22.0	18.5	18.0	18.5	10.5	10.5	10.5	9.5	9.0	9.0
16	22.5	22.0	22.0	18.5	18.0	18.5	10.5	10.0	10.0	9.5	9.0	9.5
17	22.5	22.0	22.5	18.0	17.0	17.5	10.0	9.5	9.5	10.0	9.5	9.5
18	22.5	22.5	22.5	17.0	16.0	16.5	9.5	9.0	9.5	10.0	9.5	10.0
19	22.5	21.0	22.0	16.0	15.5	16.0	9.0	8.5	8.5	10.5	10.0	10.0
20	21.0	20.0	20.5	16.0	15.5	15.5	8.5	8.0	8.5	11.0	10.0	10.5
21	20.0	19.0	19.5	15.5	15.5	15.5	9.0	8.5	8.5	11.5	11.0	11.0
22	19.0	18.5	18.5	15.5	15.0	15.0	8.5	8.0	8.0	11.0	10.5	11.0
23	18.5	18.0	18.5	15.0	14.5	15.0	8.0	7.0	7.5	11.0	10.5	10.5
24	19.0	18.0	18.5	14.5	14.0	14.0	7.0	6.5	7.0	11.0	10.5	11.0
25	19.0	18.5	18.5	14.0	13.5	14.0	6.5	6.0	6.5	11.5	11.0	11.5
26	19.0	18.5	19.0	14.5	14.0	14.0	6.5	6.0	6.5	11.0	10.5	11.0
27	19.0	18.5	19.0	15.0	14.5	15.0	6.5	6.0	6.5	11.0	10.5	10.5
28	19.0	18.5	19.0	16.0	15.0	15.5	7.0	6.5	7.0	11.0	10.5	10.5
29	19.5	19.0	19.0	15.5	15.0	15.5	7.5	7.0	7.0	11.0	10.5	11.0
30	19.5	19.0	19.0	15.0	14.5	15.0	8.0	7.5	7.5	11.5	11.0	11.0
31	19.5	19.5	19.5	---	---	---	8.5	8.0	8.5	11.5	11.0	11.0
MONTH	24.0	18.0	21.0	19.5	13.5	17.0	14.5	6.0	10.0	11.5	8.5	10.0

SAVANNAH RIVER BASIN

395

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC

LOCATION.--Lat 33°04'58'', long 81°35'54'', Allendale County, Hydrologic Unit 03060106, on left bank 2.8 mi downstream from Steel Creek, 12.6 mi upstream from Lower Three Runs, 3.7 mi west of Millett and at mile 138.8.

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.5°C, Sept. 7, 1982; minimum, 4.0°C Jan. 20, 1977.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 28.0°C, July 2, 3; minimum, 7.5°C, Dec. 24 - 26.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.5	21.0	21.0	20.0	19.5	20.0	16.0	15.0	15.0	11.5	10.5	11.0
2	22.0	21.5	21.5	20.0	19.5	19.5	---	---	---	11.0	10.0	10.5
3	22.0	21.5	22.0	19.5	19.0	19.0	---	---	---	10.5	10.0	10.0
4	21.5	21.0	21.5	18.5	18.0	18.5	---	---	---	10.5	10.0	10.5
5	21.5	21.0	21.5	18.5	18.0	18.0	13.5	11.5	12.5	11.0	11.0	11.0
6	21.0	20.5	21.0	18.5	18.0	18.0	13.5	11.5	12.5	11.5	11.0	11.5
7	21.5	20.5	21.0	19.0	18.5	18.5	14.5	13.5	14.0	11.5	11.5	11.5
8	21.5	21.0	21.0	19.0	19.0	19.0	14.5	14.5	14.5	12.0	11.5	11.5
9	21.0	20.0	20.5	20.0	19.0	19.5	14.5	13.0	14.0	12.0	11.5	11.5
10	20.0	19.5	19.5	19.5	19.0	19.0	13.0	12.0	12.5	11.5	11.0	11.5
11	19.5	19.0	19.5	19.0	18.5	18.5	12.0	11.5	11.5	11.5	11.0	11.0
12	20.0	19.5	20.0	18.5	18.0	18.5	12.0	11.5	12.0	11.5	11.0	11.0
13	20.5	20.0	20.5	19.0	18.0	18.5	12.5	12.0	12.0	11.0	10.0	10.5
14	20.5	20.5	20.5	18.5	17.5	18.5	12.0	11.5	12.0	10.0	10.0	10.0
15	20.5	20.0	20.5	19.0	18.5	18.5	11.5	11.0	11.0	10.5	9.5	10.0
16	21.5	20.5	21.0	19.0	18.0	18.5	11.5	11.0	11.0	11.0	10.0	10.5
17	22.0	21.0	21.5	18.0	16.5	17.0	11.0	10.5	10.5	11.0	10.0	10.5
18	22.0	21.5	21.5	16.5	16.0	16.5	10.5	10.0	10.0	11.0	11.0	11.0
19	21.5	20.0	21.0	16.0	15.5	15.5	10.0	10.0	10.0	11.5	11.0	11.5
20	20.0	18.5	19.5	15.5	14.5	15.0	10.5	10.0	10.0	11.5	11.5	11.5
21	18.5	17.5	18.0	16.0	15.0	15.5	10.5	10.0	10.0	13.0	11.5	12.5
22	17.5	16.5	17.0	15.5	15.0	15.5	10.0	9.5	9.5	12.5	12.0	12.5
23	17.0	16.5	17.0	15.0	14.5	14.5	9.5	8.5	9.0	12.5	12.0	12.5
24	18.0	17.0	17.5	14.5	14.0	14.0	8.5	7.5	8.0	12.5	11.5	12.0
25	18.5	17.5	18.0	14.5	13.5	14.0	8.0	7.5	7.5	12.0	11.5	12.0
26	19.0	18.0	18.5	15.0	14.0	14.5	8.5	7.5	8.0	12.0	11.5	12.0
27	19.0	18.5	18.5	16.0	15.0	15.5	9.0	8.0	8.5	11.5	11.0	11.5
28	19.5	18.5	19.0	17.0	16.0	16.5	9.5	9.0	9.0	11.0	10.0	10.5
29	19.0	18.5	19.0	17.0	17.0	17.0	9.5	9.0	9.5	---	---	---
30	20.0	19.0	19.5	17.0	16.0	16.5	10.0	9.5	10.0	---	---	---
31	20.5	20.0	20.0	---	---	---	10.5	10.0	10.0	---	---	---
MONTH	22.0	16.5	20.0	20.0	13.5	17.5	16.0	7.5	11.0	13.0	9.5	11.0

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT. SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.0	10.0	11.0	13.5	12.5	13.0	16.5	15.0	15.5	23.0	21.5	22.5
2	12.5	12.0	12.0	13.5	13.0	13.5	17.5	16.5	17.0	23.5	22.0	23.0
3	13.0	12.5	12.5	14.0	13.5	13.5	18.5	17.5	18.0	24.0	22.5	23.0
4	15.0	13.0	14.0	14.0	13.5	13.5	18.5	17.5	18.0	23.0	22.0	22.5
5	15.0	14.0	14.5	14.0	13.5	14.0	18.0	17.5	18.0	23.0	21.5	22.0
6	14.0	13.0	13.5	14.5	14.0	14.0	18.5	17.5	18.0	22.0	21.0	21.5
7	13.5	12.5	13.0	14.5	14.0	14.0	19.0	18.0	18.5	21.5	20.0	21.0
8	13.0	12.5	13.0	14.0	13.0	13.5	19.0	17.5	18.5	21.0	20.0	20.5
9	13.0	13.0	13.0	13.0	13.0	13.0	19.0	17.5	18.5	21.0	20.5	21.0
10	13.5	13.0	13.0	14.0	12.5	13.0	19.5	18.5	19.0	21.0	20.0	20.5
11	13.5	13.0	13.5	15.0	14.0	14.5	19.5	18.5	19.0	21.0	20.5	20.5
12	13.5	13.0	13.5	16.0	15.0	15.5	18.5	17.5	17.5	21.0	20.5	21.0
13	13.5	13.0	13.0	16.5	16.0	16.0	17.5	16.5	17.0	21.5	20.5	21.0
14	13.0	12.5	13.0	17.0	16.5	16.5	17.5	17.0	17.0	22.5	20.5	21.5
15	13.5	12.5	13.0	17.0	16.5	16.5	18.5	17.5	18.0	23.0	22.0	22.5
16	14.5	13.5	14.0	17.5	16.5	17.0	19.5	18.0	18.5	23.0	21.0	22.0
17	15.0	14.5	14.5	17.0	16.5	17.0	20.5	19.0	19.5	21.0	20.5	20.5
18	14.5	14.0	14.5	16.5	16.0	16.5	20.5	18.5	20.0	20.5	19.5	20.0
19	14.0	13.0	13.5	16.0	15.5	16.0	18.5	17.0	18.0	20.0	19.5	19.5
20	13.5	13.0	13.0	16.0	15.5	15.5	17.5	16.5	17.0	20.5	20.0	20.0
21	13.5	13.0	13.0	15.0	14.5	15.0	18.0	17.0	17.5	21.0	20.0	20.5
22	13.5	13.0	13.5	15.0	14.5	15.0	19.0	17.5	18.5	21.0	20.5	21.0
23	14.0	13.5	14.0	16.0	15.0	15.5	20.5	18.5	19.5	21.0	20.5	20.5
24	14.0	13.5	13.5	16.5	15.5	16.0	21.0	19.5	20.5	21.0	20.0	20.5
25	13.5	12.5	13.0	17.0	16.0	16.5	22.5	20.5	21.5	21.0	20.0	20.5
26	12.5	12.0	12.0	17.0	16.5	16.5	21.5	20.5	21.0	21.0	20.5	20.5
27	12.0	11.5	11.5	16.5	16.0	16.5	21.5	20.0	21.0	22.0	21.0	21.5
28	12.5	12.0	12.0	16.0	15.5	16.0	21.0	20.5	20.5	22.5	22.0	22.5
29	---	---	---	16.0	15.5	16.0	21.0	20.5	20.5	24.0	22.5	23.5
30	---	---	---	15.5	15.0	15.5	22.5	20.5	21.5	24.0	21.0	23.0
31	---	---	---	15.0	15.0	15.0	---	---	---	21.5	21.0	21.0
MONTH	15.0	10.0	13.0	17.5	12.5	15.0	22.5	15.0	19.0	24.0	19.5	21.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.5	21.5	22.0	27.5	26.0	27.0	26.5	26.0	26.0	23.0	22.5	23.0
2	22.0	21.5	21.5	28.0	26.5	27.5	26.0	24.5	25.0	24.0	23.0	23.5
3	23.0	21.0	22.0	28.0	26.5	27.5	24.5	23.5	24.0	24.5	23.0	24.0
4	23.0	21.5	22.5	27.5	26.5	27.0	24.5	23.0	23.5	25.5	24.5	25.0
5	24.5	22.5	23.5	27.0	26.0	26.5	25.0	24.0	24.5	25.0	24.5	25.0
6	25.5	23.5	24.5	27.0	25.5	26.0	26.5	24.5	25.5	25.0	24.0	24.5
7	26.0	24.5	25.5	26.0	25.5	26.0	26.5	25.0	25.5	24.5	23.5	24.0
8	26.0	25.0	26.0	26.0	25.0	25.5	26.0	25.0	25.5	23.5	23.0	23.0
9	26.0	25.0	25.5	27.5	26.0	26.5	25.0	24.0	24.5	24.0	23.0	23.5
10	26.5	25.0	25.5	27.5	26.0	26.5	24.0	23.5	24.0	24.5	23.5	24.0
11	26.0	25.0	25.5	27.5	26.5	27.0	24.5	23.0	23.5	25.5	24.5	25.0
12	26.0	24.0	25.0	27.0	25.0	25.5	25.5	24.0	24.5	26.5	25.0	25.5
13	26.5	24.5	25.5	25.5	24.5	25.0	26.5	24.5	25.5	26.0	25.0	25.5
14	26.5	25.0	26.0	25.0	24.5	24.5	26.5	25.5	26.0	26.0	25.5	25.5
15	26.5	25.5	26.0	26.0	24.5	25.0	26.0	25.5	26.0	25.5	24.5	25.0
16	25.5	24.5	25.5	26.0	24.5	25.5	26.0	24.5	25.0	25.5	24.5	25.0
17	26.0	24.5	25.0	26.5	25.0	26.0	25.0	23.5	24.0	24.5	23.5	24.0
18	26.5	24.5	25.5	26.0	25.5	25.5	24.5	23.5	24.0	24.5	23.0	23.5
19	26.5	25.5	26.0	25.5	24.5	25.0	25.0	23.5	24.5	24.0	23.0	23.5
20	26.5	25.5	26.0	24.5	24.0	24.0	25.5	24.5	25.0	24.5	23.5	24.0
21	26.0	25.5	25.5	25.0	24.0	24.5	26.5	24.5	25.5	25.0	24.0	24.5
22	25.5	25.0	25.0	25.0	24.0	24.5	25.5	24.5	25.0	25.0	24.0	24.5
23	25.5	24.5	25.0	25.5	24.0	25.0	24.5	23.5	24.0	24.5	23.5	24.0
24	26.0	24.5	25.5	26.0	24.5	25.5	24.0	23.5	23.5	23.5	22.5	23.0
25	26.0	24.5	25.0	26.0	25.0	25.5	24.5	23.5	24.0	23.0	21.5	22.5
26	26.5	25.5	26.0	25.5	24.5	25.0	25.0	24.0	24.5	22.5	21.5	22.0
27	26.0	25.0	25.5	25.5	25.0	25.0	26.5	25.0	25.5	22.5	21.5	22.0
28	26.0	25.5	25.5	25.5	24.5	25.0	---	---	---	22.5	22.0	22.0
29	27.0	25.0	26.0	26.5	24.5	25.5	25.5	23.0	25.0	22.5	22.0	22.0
30	27.0	25.0	26.0	26.5	25.0	26.0	23.5	22.5	23.0	23.0	22.0	22.5
31	---	---	---	27.0	26.0	26.5	23.0	22.5	22.5	---	---	---
MONTH	27.0	21.0	25.0	28.0	24.0	25.5	26.5	22.5	24.5	26.5	21.5	24.0
YEAR	28.0	7.5	19.0									

SAVANNAH RIVER BASIN

397

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 right upstream side of west bound bridge on SRS Rd B, 200 ft downstream of spillway culvert below Par Pond, at Savannah River Site.

DRAINAGE AREA.--34.9 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1974 to September 1982, February 1987 to current year.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 145 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Oct. 1, Dec. 27 - 30, Jan. 3, 4, Apr. 29 - May 1, May 28 - June 5, 7 - 9, July 14 - 17, July 25 - Aug. 2, 4, 5, which are poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--11 years (1975-82, 1987-90), 34.7 ft³/s, 13.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 1, 1990, gage height, 3.39 ft; minimum daily 0.60 ft³/s, Nov. 29, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 1, gage height, 3.39 ft; minimum daily, 11 ft³/s, Apr. 28, May 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	37	47	64	64	56	31	14	31	18	26	47
2	96	37	47	62	64	50	31	13	29	18	28	44
3	83	38	46	60	64	47	31	12	28	16	30	41
4	75	38	45	59	66	48	29	11	27	16	29	49
5	70	38	44	62	69	47	27	15	25	15	27	51
6	66	39	43	67	66	45	26	19	24	15	29	48
7	63	39	44	74	65	44	25	19	23	14	31	47
8	61	39	57	94	64	43	25	18	25	14	38	46
9	59	41	72	90	63	41	24	19	24	14	51	45
10	56	41	73	88	63	41	22	25	22	14	53	44
11	53	40	70	85	63	41	23	26	22	15	53	43
12	52	40	73	83	62	39	22	25	19	16	50	43
13	51	40	81	80	59	38	21	24	18	17	48	43
14	49	39	80	78	58	37	20	24	18	20	46	43
15	49	42	77	76	57	37	20	23	18	22	45	43
16	49	49	75	75	62	35	20	22	19	20	43	41
17	48	47	70	73	70	37	18	21	21	19	42	39
18	52	46	67	72	69	39	18	22	21	18	41	38
19	57	45	66	70	79	38	16	21	21	20	40	36
20	51	43	63	68	76	38	16	20	21	20	39	35
21	47	41	61	69	72	36	16	20	21	20	38	35
22	46	41	61	69	71	35	15	19	21	21	76	35
23	45	47	58	66	74	35	15	17	21	26	76	35
24	44	47	56	65	70	36	14	15	21	27	71	30
25	42	46	54	67	64	35	14	15	21	25	70	27
26	40	46	53	77	62	35	13	14	20	24	66	25
27	39	45	52	73	60	34	12	13	20	27	63	23
28	39	46	51	70	57	33	11	70	20	26	61	22
29	38	48	50	68	---	32	14	45	19	26	58	21
30	38	48	52	67	---	31	17	35	18	25	53	21
31	37	---	55	65	---	31	---	32	---	24	50	---
TOTAL	1650	1273	1843	2236	1833	1214	606	688	658	612	1471	1140
MEAN	53.2	42.4	59.5	72.1	65.5	39.2	20.2	22.2	21.9	19.7	47.5	38.0
MAX	96	49	81	94	79	56	31	70	31	27	76	51
MIN	37	37	43	59	57	31	11	11	18	14	26	21
CAL YR 1989	TOTAL 21437	MEAN 58.7	MAX 141	MIN 29								
WTR YR 1990	TOTAL 15224	MEAN 41.7	MAX 96	MIN 11								

SAVANNAH RIVER BASIN

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1984 to December 1986, January 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: April 1984 to December 1986 and January 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 36.5°C, May 8, 1986; minimum, 7.0°C, Dec. 26 - 28, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.5°C, Aug. 29; minimum, 7.0°C, Dec. 26 - 28.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	21.5	22.0	19.5	18.5	19.0	14.5	13.5	14.0	8.5	7.5	8.0
2	22.5	22.0	22.5	19.0	18.0	18.5	14.5	13.5	14.0	8.0	7.5	7.5
3	25.0	22.0	23.0	19.0	18.0	18.5	13.5	13.0	13.5	8.0	7.5	8.0
4	23.5	23.0	23.0	18.5	17.5	18.0	13.0	12.5	13.0	9.0	8.0	8.5
5	23.0	22.5	23.0	18.5	17.5	18.0	13.0	12.5	12.5	9.5	9.0	9.0
6	23.5	22.0	23.0	18.5	17.5	18.0	13.5	12.5	13.0	10.0	9.5	9.5
7	24.0	23.0	23.5	18.5	18.0	18.5	13.0	12.5	13.0	9.5	9.0	9.5
8	24.0	23.0	23.5	18.5	18.0	18.0	12.5	12.0	12.5	9.5	9.0	9.0
9	23.0	22.0	22.5	18.5	17.5	18.0	12.0	11.5	11.5	9.5	9.0	9.0
10	22.0	21.5	21.5	18.0	17.5	17.5	12.0	11.5	11.5	9.5	9.0	9.5
11	23.0	21.0	21.5	18.5	17.0	18.0	12.0	11.5	11.5	9.5	9.0	9.0
12	23.5	21.0	22.0	18.5	17.5	18.0	11.5	11.5	11.5	9.5	9.0	9.0
13	22.5	21.0	22.0	19.0	17.5	18.0	11.5	11.0	11.5	9.0	8.5	9.0
14	22.0	21.5	22.0	18.0	17.5	17.5	11.5	11.0	11.0	9.5	8.5	9.0
15	22.0	21.5	21.5	18.0	17.5	17.5	11.0	11.0	11.0	9.5	9.0	9.0
16	22.0	21.5	21.5	17.5	16.5	17.0	11.0	10.5	11.0	10.0	9.0	9.5
17	22.5	21.5	22.0	17.0	16.5	16.5	10.5	10.0	10.5	10.0	9.5	9.5
18	22.0	22.0	22.0	16.5	16.0	16.5	10.5	10.0	10.0	11.0	9.5	10.0
19	22.0	20.5	21.5	16.5	15.5	16.0	10.0	9.5	10.0	10.5	9.5	10.5
20	20.5	19.0	19.5	16.5	15.5	16.0	9.5	9.5	9.5	10.5	9.5	10.0
21	19.5	18.5	19.0	16.5	15.5	16.0	10.0	9.0	9.5	11.0	10.0	11.0
22	20.0	18.5	19.0	16.0	15.0	15.5	9.5	8.5	9.0	11.0	10.5	10.5
23	19.0	18.0	18.5	15.5	14.5	15.0	8.5	7.5	8.0	10.5	10.0	10.5
24	19.0	18.0	18.5	15.0	14.0	14.5	8.0	7.5	7.5	11.0	10.0	10.5
25	19.0	18.0	18.5	15.0	14.0	14.5	8.0	7.5	7.5	11.0	10.0	10.5
26	19.0	18.0	18.0	15.5	14.5	15.0	8.0	7.0	7.5	11.0	10.0	10.5
27	19.0	18.0	18.0	15.5	14.5	15.0	7.5	7.0	7.5	10.5	10.0	10.5
28	19.0	18.0	18.0	16.0	14.5	15.0	8.5	7.0	7.5	11.0	10.0	10.5
29	19.0	18.0	18.5	15.5	14.5	15.0	8.0	7.5	7.5	11.0	10.5	11.0
30	19.0	18.0	18.5	15.0	14.0	14.5	8.0	7.5	7.5	11.0	10.5	11.0
31	19.5	18.5	19.0	---	---	---	8.5	7.5	8.0	11.5	10.5	11.0
MONTH	25.0	18.0	21.0	19.5	14.0	17.0	14.5	7.0	10.5	11.5	7.5	9.5

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.5	10.5	11.0	13.0	12.5	13.0	18.5	16.0	17.5	25.0	20.0	22.0
2	12.5	11.5	12.0	13.0	12.5	13.0	19.0	17.0	18.0	26.0	21.0	23.5
3	13.5	12.0	12.5	13.5	13.0	13.0	18.0	16.5	17.0	25.0	21.5	22.5
4	13.0	12.0	12.5	13.5	12.5	13.0	18.0	16.0	17.0	24.5	20.5	22.5
5	12.0	11.5	12.0	14.5	12.5	13.0	18.0	16.0	17.0	22.5	21.0	22.0
6	12.5	11.5	12.0	14.5	13.0	13.5	18.5	16.5	17.5	22.5	20.5	21.5
7	13.5	12.0	12.5	14.0	13.0	13.5	18.0	16.5	17.0	23.0	20.0	21.5
8	13.0	12.5	13.0	13.0	13.0	13.0	18.0	16.0	17.0	23.5	20.0	21.5
9	13.5	12.5	13.0	13.5	13.0	13.0	18.0	16.0	17.0	22.0	21.0	21.0
10	13.0	12.0	12.5	15.5	13.0	14.0	18.5	16.5	17.5	23.0	20.5	21.5
11	13.5	12.5	13.0	18.0	13.5	15.0	18.5	16.5	17.5	23.5	20.0	22.0
12	14.0	13.0	13.5	18.5	14.0	16.5	19.0	16.0	17.5	22.5	20.0	21.5
13	14.0	13.0	13.5	19.5	15.0	17.0	18.5	16.0	17.0	23.0	20.5	22.0
14	14.0	13.0	13.5	18.0	13.5	15.5	17.5	16.0	17.0	25.5	21.5	23.5
15	14.0	13.5	13.5	17.0	13.5	15.0	20.0	17.0	18.0	24.0	21.5	23.0
16	15.0	13.5	14.0	14.5	13.5	14.0	21.0	17.5	19.0	25.0	21.5	23.5
17	15.0	14.0	14.5	16.5	14.0	15.0	21.5	17.5	19.5	25.5	23.0	24.0
18	14.5	13.5	14.0	18.0	15.5	16.5	19.0	17.0	18.0	25.5	22.5	24.0
19	14.0	14.0	14.0	18.0	16.5	17.0	17.5	16.5	17.0	25.5	22.5	24.0
20	14.5	13.5	14.0	17.0	15.5	16.0	19.0	16.5	17.5	25.5	22.0	23.5
21	14.0	13.5	13.5	17.0	15.0	16.0	20.0	16.5	18.0	26.0	23.0	24.5
22	14.0	13.5	14.0	16.5	15.0	15.5	21.0	17.5	19.0	25.5	23.0	24.0
23	14.0	13.5	14.0	18.0	15.0	16.5	21.5	17.0	19.0	25.5	22.0	23.5
24	13.5	13.0	13.5	18.5	16.5	17.5	23.5	17.0	19.5	25.5	21.0	23.0
25	13.5	12.5	13.0	19.5	17.0	18.0	24.0	17.5	20.5	25.5	21.0	22.5
26	13.0	12.5	12.5	19.5	17.5	18.0	24.5	19.0	21.5	26.0	21.0	23.0
27	13.5	12.0	13.0	18.0	17.0	17.5	24.5	18.5	20.5	26.5	22.5	24.5
28	13.5	12.5	13.0	17.5	16.5	17.0	20.0	17.5	18.5	26.0	21.0	23.5
29	---	---	---	17.0	16.5	16.5	22.5	18.0	20.0	24.5	23.0	24.0
30	---	---	---	16.5	16.0	16.0	24.0	19.0	21.0	25.0	23.0	24.0
31	---	---	---	17.0	16.0	16.5	---	---	---	24.5	23.0	24.0
MONTH	15.0	10.5	13.0	19.5	12.5	15.5	24.5	16.0	18.5	26.5	20.0	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.5	22.5	23.5	31.0	27.5	29.0	30.5	28.0	29.0	29.0	28.5	28.5
2	24.0	23.0	23.5	30.0	27.0	28.5	30.0	28.0	29.0	30.5	28.5	29.0
3	26.0	23.0	24.5	29.0	27.0	27.5	29.5	28.0	28.5	31.0	28.5	29.5
4	26.5	24.0	25.0	30.0	26.5	28.0	29.0	27.5	28.5	29.5	28.5	29.0
5	26.5	24.0	25.0	29.5	27.0	28.0	29.0	27.5	28.0	30.0	28.0	29.0
6	26.5	23.5	25.0	30.5	27.0	28.5	29.5	27.5	28.5	30.5	28.0	29.0
7	28.0	24.5	26.0	30.0	27.5	28.5	29.0	27.5	28.0	30.0	28.5	29.0
8	28.5	25.0	26.5	30.0	27.0	28.0	29.0	27.5	28.0	30.0	28.0	28.5
9	27.5	25.0	26.0	30.0	27.0	28.0	29.5	28.0	28.5	29.5	28.0	28.5
10	28.5	25.5	26.5	31.0	26.5	28.0	29.5	28.0	28.5	30.0	28.0	29.0
11	28.0	25.5	26.5	30.5	27.0	28.5	29.5	28.0	29.0	30.5	28.0	29.0
12	27.5	25.0	26.0	29.5	27.0	28.0	29.5	28.0	28.5	29.5	28.5	28.5
13	29.0	24.5	26.0	29.0	27.0	27.5	30.5	28.0	29.0	31.0	28.0	29.0
14	28.0	24.5	26.0	28.0	26.5	27.0	30.5	28.0	29.0	29.0	28.0	28.5
15	28.5	25.5	26.5	28.5	26.5	27.0	30.0	28.0	29.0	29.5	28.0	28.5
16	27.0	26.0	26.5	29.0	26.0	27.0	30.0	28.5	29.0	29.0	27.5	28.0
17	27.5	25.5	26.5	29.5	26.0	27.0	29.0	28.0	28.5	28.0	26.5	27.5
18	30.0	25.5	27.5	28.0	26.0	26.5	29.5	28.0	28.5	27.5	26.0	26.5
19	29.5	26.0	28.0	28.0	26.5	27.0	31.0	28.0	29.0	28.0	25.5	26.5
20	29.0	26.5	27.5	29.5	26.5	27.5	30.5	28.0	29.0	28.0	26.0	27.0
21	29.5	26.5	28.0	30.0	26.5	28.0	30.5	27.5	28.5	29.0	26.5	27.5
22	29.5	28.0	28.5	29.0	27.0	28.0	28.5	25.5	27.5	28.0	26.5	27.5
23	28.5	27.0	28.0	29.5	27.0	28.0	29.5	28.0	28.5	27.5	25.0	26.5
24	28.5	26.5	27.5	30.5	27.5	29.0	29.0	28.0	28.5	26.0	24.0	25.0
25	29.5	26.5	27.5	29.0	28.0	28.5	29.0	28.0	28.5	26.5	23.5	25.0
26	28.5	26.0	27.0	29.0	28.0	28.5	30.0	28.0	29.0	26.0	23.5	24.5
27	29.0	26.5	27.5	29.0	27.5	28.0	31.0	29.0	29.5	26.5	23.0	24.5
28	29.0	27.0	27.5	28.5	27.5	28.0	30.5	29.0	29.5	25.0	23.0	23.5
29	30.0	27.0	28.0	29.0	27.0	28.0	31.5	29.0	30.0	24.0	22.5	23.5
30	29.5	27.5	28.5	29.5	27.5	28.5	30.0	28.0	29.0	25.0	23.0	23.5
31	---	---	---	30.0	28.0	29.0	29.0	28.0	28.5	---	---	---
MONTH	30.0	22.5	26.5	31.0	26.0	28.0	31.5	25.5	28.5	31.0	22.5	27.5
YEAR	31.5	7.0	20.0									

SAVANNAH RIVER BASIN

02197400 LOWER THREE RUNS NEAR SNELLING, SC

LOCATION.--Lat 33°10'35'', long 81°28' 50'', Barnwell County, Hydrologic Unit 03060106, near left bank at upstream side of bridge on State road 20, 1.0 mi upstream from Patterson Branch and 4.7 mi south of Snelling.

DRAINAGE AREA.--59.3 mi².

PERIOD OF RECORD.--March 1974 to current year.

GAGE.--Data collection platform. Elevation of gage is 117 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--16 years, 80.7 ft³/s, 18.48 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 735 ft³/s, Mar. 13, 1980, gage height, 3.99 ft; minimum daily, 13 ft³/s, July 19, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 466 ft³/s, Oct. 2, gage height, 4.08 ft; minimum daily, 30 ft³/s, July 8 - 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92	76	111	167	153	133	86	44	64	35	45	137
2	325	79	108	156	151	130	78	41	60	35	45	128
3	167	87	107	148	149	130	73	39	59	34	52	120
4	131	89	105	147	151	126	69	38	57	33	58	113
5	122	88	103	147	160	119	66	40	53	33	55	109
6	115	85	103	157	152	114	63	54	49	32	52	103
7	109	86	105	178	149	111	64	52	46	31	51	97
8	113	86	153	251	146	107	63	49	46	30	61	93
9	110	99	204	199	146	108	61	50	48	30	79	91
10	102	112	183	184	146	115	60	66	45	30	96	90
11	98	96	156	177	148	108	78	65	42	31	98	87
12	92	91	152	176	145	103	64	61	40	33	96	84
13	90	89	181	174	140	97	58	58	36	35	92	82
14	88	88	167	170	137	93	55	57	35	42	88	81
15	88	102	158	168	135	90	55	54	35	42	83	84
16	88	149	157	167	144	89	54	51	52	39	79	80
17	93	125	153	163	189	107	51	50	64	37	78	76
18	128	110	150	162	162	138	49	50	55	36	78	72
19	132	104	160	161	215	106	50	47	51	44	75	68
20	116	100	165	158	181	97	48	44	48	44	72	66
21	100	98	149	163	163	92	46	43	46	43	70	64
22	91	95	144	164	158	88	45	41	45	42	199	64
23	86	119	140	158	169	86	43	40	45	43	231	64
24	83	123	138	155	161	86	41	36	45	44	160	58
25	81	109	137	155	148	85	40	36	43	45	146	52
26	78	106	135	190	141	82	39	35	42	48	145	48
27	76	106	135	173	138	80	38	34	41	50	139	44
28	74	105	132	161	135	76	38	42	40	50	134	41
29	73	122	132	158	---	77	59	205	38	49	127	39
30	73	118	133	159	---	79	48	85	37	48	119	41
31	74	---	136	155	---	91	---	68	---	47	125	---
TOTAL	3288	3042	4392	5201	4312	3143	1682	1675	1407	1215	3028	2376
MEAN	106	101	142	168	154	101	56.1	54.0	46.9	39.2	97.7	79.2
MAX	325	149	204	251	215	138	86	205	64	50	231	137
MIN	73	76	103	147	135	76	38	34	35	30	45	39

CAL YR 1989 TOTAL 10722 MEAN 117 MAX 325 MIN 73
WTR YR 1990 TOTAL 34761 MEAN 95.2 MAX 325 MIN 30

SAVANNAH RIVER BASIN

401

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 (revised).

DRAINAGE AREA.--8,650 mi², 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 National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Oct. 1, 17 - 19. Records good. Flow regulated by Thurmond Lake (see 02194500).

AVERAGE DISCHARGE.--39 years, 10,210 ft³/s, 16.03 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 141,000 ft³/s, Aug. 18, 1940; gage height, 27.0 ft; minimum daily, 2,120 ft³/s, Sept. 9, 1951.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by Corps of Engineers, discharge, 220,000 ft³/s, from rating curve extended above 141,000 ft³/s.

EXTREMES FOR CURRENT YEAR: Maximum discharge, 36,000 ft³/s, Mar. 2, gage height, 18.14 ft; minimum daily, 4,730 ft³/s, Nov. 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5700	6380	10600	19100	14600	34200	25200	6610	14400	5280	7860	14200
2	6900	7780	10200	14500	15700	35600	22400	7520	14100	5070	8490	14200
3	9350	8730	9190	11900	16400	35400	17500	8930	13300	5240	8890	11400
4	13500	9620	6920	12300	16700	33600	13000	9170	10300	6300	9180	8880
5	15300	9430	6370	12100	14700	31000	10200	8030	7720	6240	7930	8790
6	16700	6810	8860	12000	10800	29000	9840	6840	6750	6140	5970	8700
7	17400	5140	9840	11700	12700	27900	8770	7030	6300	7830	5890	9600
8	18500	6470	10900	10200	14500	27300	7370	8090	6040	7380	7450	11900
9	19900	7650	12300	9730	15500	27200	6530	9440	6130	5570	8710	12700
10	21400	7620	14500	11900	16100	27300	5770	9320	7590	5600	9470	10200
11	22500	7320	16200	12800	16600	27500	8230	8820	7430	7560	9600	7570
12	22500	7030	17400	11400	16700	27700	10900	8690	6880	8690	7660	6100
13	21400	5360	18700	9510	16500	27600	12100	10500	6110	8950	5950	5560
14	20100	4860	19800	8470	16500	27600	12300	10100	5570	8430	6020	5350
15	18800	5160	20600	6930	17000	27700	11500	8480	5890	6530	8090	5410
16	15300	5750	21400	6190	17900	27900	8890	9950	7380	5500	8720	5910
17	14500	6420	21800	9660	19300	28200	6290	12700	6670	5400	8820	5960
18	14000	7040	22100	12600	20900	28400	8390	14300	5770	5520	8340	5370
19	15000	6150	22100	13600	23200	28100	12200	15300	5870	7390	8390	5100
20	15600	5290	21800	13900	25200	27500	13000	16100	6930	8340	6260	5070
21	16600	5320	21500	13400	26200	27700	12700	16700	7970	6740	6800	5080
22	17100	5370	21300	9640	27200	29700	11300	17300	8450	6180	8470	5990
23	15500	4950	21200	7560	29500	31900	7710	17800	8290	6270	10000	6790
24	10300	4960	21100	10600	32000	33100	5950	18200	6340	6620	10900	5400
25	10400	5140	21100	12300	32700	33800	8200	18600	5260	8330	10700	5510
26	12200	4900	21200	13100	32000	34200	8900	19000	5620	8910	8990	6280
27	12700	4730	21200	13300	31700	34400	9360	19200	7080	8600	7160	6460
28	13000	5420	21100	13400	32700	34400	9270	18200	7490	7990	7160	6500
29	12500	7060	20900	11400	---	33500	7960	14100	6320	6540	10500	6610
30	8430	9640	20600	10300	---	30600	6960	12800	5840	5390	12600	6110
31	5640	---	20400	13000	---	27600	---	13800	---	5910	13600	---
TOTAL	458720	193500	533180	358490	581500	937600	318690	381620	225790	210440	264570	228700
MEAN	14800	6450	17200	11560	20770	30250	10620	12310	7526	6788	8535	7623
MAX	22500	9640	22100	19100	32700	35600	25200	19200	14400	8950	13600	14200
MIN	5640	4730	6370	6190	10800	27200	5770	6610	5260	5070	5890	5070

CAL YR 1989 TOTAL 2907670 MEAN 7966 MAX 22500 MIN 4100
WTR YR 1990 TOTAL 4692800 MEAN 12860 MAX 35600 MIN 4730

SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA

(National stream-quality accounting network station and radiochemical program station)

LOCATION.--Lat 32°31'30'', long 81°15'45'', Effingham County (GA) - Jasper County (SC), Hydrologic Unit 03060109, at Georgia-South Carolina State line, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi north of Clyn, and at mile 60.9.

DRAINAGE AREA.--9,850 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1929 to September 1933, October 1937 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

REVISED RECORDS.--WSP 1112: 1940.

GAGE.--Data collection platform. Datum of gage is 13.39 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: Dec. 18, 19, 22, 23, Mar. 27, June 10, 11, and July 7 - 10, which are poor. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

AVERAGE DISCHARGE.--57 years, 11,720 ft³/s, 16.17 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 270,000 ft³/s, Oct. 6, 1929, gage height, 29.7 ft, present datum (from information by Corps of Engineers), from rating curve extended above 120,000 ft³/s; minimum daily, 1,950 ft³/s, Sept. 27, 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 39,400 ft³/s, Mar. 5, gage height, 16.70 ft; minimum daily, 5,700 ft³/s, Sept. 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8620	8900	9040	22300	13300	35900	37300	7900	16300	6380	6260	11500
2	8190	7500	10300	22200	13600	35900	34700	7360	15400	6010	7400	12000
3	8000	8330	10700	21900	14200	36600	31700	7740	14900	5780	8210	12400
4	9490	9130	10300	20900	14800	38000	29000	8760	14400	5790	8650	12500
5	11500	9880	8690	19100	15400	39200	26000	9270	13600	6270	8950	11100
6	12600	10100	7410	17400	15900	39000	22200	8800	11200	6480	8470	9730
7	13500	8600	8660	16700	16000	37200	18000	7790	8640	6550	7020	9070
8	14200	6670	10000	16800	15500	34900	14400	7540	7450	7680	6410	9330
9	14800	6810	11200	16400	14900	32800	11000	8150	7420	7160	7250	10400
10	15500	7850	12000	15700	14900	31300	8930	9230	7180	6500	8350	11300
11	16200	8130	12900	15100	15200	30200	7730	9520	7700	6060	9110	11300
12	17000	7940	13800	15000	15600	29600	8440	9260	7990	7060	9450	9370
13	18200	7710	14700	15000	16000	29400	10200	9050	7560	8230	8540	7270
14	19400	6590	15500	14500	16300	29500	11300	9840	6960	8720	6980	6360
15	20600	5910	16200	13100	16600	29600	11900	10300	6450	8560	6560	6060
16	21300	5970	17100	11100	16800	29600	12000	9510	6520	7390	7600	6020
17	21300	6320	18100	9530	17200	29600	11100	9650	7420	6330	8450	6230
18	20700	6830	19500	10300	17500	29900	8570	10900	7390	5980	8710	6330
19	18900	7360	21200	11800	18000	30200	8500	11900	6660	6010	8560	6050
20	17000	7040	22900	12800	18800	30400	10500	12500	6450	6940	8380	5790
21	16000	6290	23500	13500	19900	30400	11700	13100	6980	7970	7210	5720
22	15700	6090	24000	14000	21900	30200	12200	13700	7790	7400	6900	5700
23	15600	6230	24000	13900	24600	29900	12200	14300	8310	6760	8120	6060
24	15800	6010	23700	12000	27300	29900	10400	14800	8380	6690	9320	6680
25	15700	5930	23600	11400	29400	31100	7800	15300	7270	6880	10200	6130
26	14800	6030	23200	12200	31700	33100	8130	15700	6200	7900	10600	5880
27	13700	5960	23000	12900	34200	34500	8930	16100	6100	8670	9960	6290
28	13300	5830	22700	13400	35600	36500	9390	16600	6890	8750	8330	6550
29	13300	6130	22500	13900	---	37300	9630	17100	7430	8400	7620	6630
30	13300	7300	22400	14100	---	38300	8910	17300	6920	7410	9190	6690
31	12200	---	22300	13600	---	38800	---	17100	---	6340	10600	---
TOTAL	466400	215370	525100	462530	541100	1028800	432760	356070	259860	219050	257360	242440
MEAN	15050	7179	16940	14920	19320	33190	14430	11490	8662	7066	8302	8081
MAX	21300	10100	24000	22300	35600	39200	37300	17300	16300	8750	10600	12500
MIN	8000	5830	7410	9530	13300	29400	7730	7360	6100	5780	6260	5700

CAL YR 1989 TOTAL 3221200 MEAN 8825 MAX 24000 MIN 4960
WTR YR 1990 TOTAL 5006840 MEAN 13720 MAX 39200 MIN 5700

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1965 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI, KF AGAR (COLS. PER 100 ML)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CAC03)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TUR-BID-ITY (NTU)	
OCT	04...	0655	--	764	20.5	--	6.8	75	--	7.2	121	21	
NOV	06...	0725	--	763	16.5	--	7.2	74	--	7.1	93	24	
DEC	06...	0800	--	762	10.0	--	9.5	84	--	7.0	98	9.0	
	28...	1430	22700	764	6.5	K75	190	11.0	89	17	7.1	67	3.7
JAN	10...	0800	--	764	10.5	--	9.8	88	--	6.9	80	13	
FEB	14...	0800	--	769	12.5	--	6.9	64	--	7.1	79	10	
	23...	1140	24600	759	14.5	K80	600	7.5	74	17	7.1	59	9.0
MAR	07...	0740	--	772	13.5	--	6.8	64	--	7.2	70	9.0	

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SULFATE DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
DEC 28...	4.3	1.4	1.8	7.2	45	0.8	22	5.3	0.10	7.0	8.9	56
FEB 23...	4.5	1.3	1.8	5.9	40	0.6	22	5.1	0.40	5.4	7.3	42

DATE	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)
OCT 04...	--	--	--	--	--	--	--	--	--	0.70	--	--
NOV 06...	--	--	--	--	--	--	--	--	--	0.40	--	--
DEC 28...	48	0.08	3430	<0.010	0.210	0.020	0.03	0.030	0.37	0.40	0.09	0.030
JAN 10...	--	--	--	--	--	--	--	--	--	0.40	--	--
FEB 14...	--	--	--	--	--	--	--	--	--	0.10	--	--
23...	44	0.06	2790	<0.010	0.160	0.020	0.03	0.030	0.37	0.40	0.09	0.030
MAR 07...	--	--	--	--	--	--	--	--	--	0.20	--	--

[illegible]

SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

		BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	
APR												
11...		0.6	<1.0	1	<3	1	540	<1	34	707	<4	
SEP												
18...		<0.5	<1.0	<1	<3	1	110	<1	21	366	6	
DATE		MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)	
APR												
11...		25	98	<0.1	<10	1	<1	<1.0	42	<6	11	
SEP												
18...		9	87	<0.1	<10	<1	<1	<1.0	32	<6	8	
DATE		LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)
DEC												
28...		<10	7	429	<4	13	100	1.0	<10	<10	<1	<1.0
FEB												
23...		<10	21	1390	<4	13	50	0.2	<10	10	<1	<1.0
DATE		STRON- TIUM, DIS- SOLVED (UG/L AS SR)	URANIUM NATURAL DIS- SOLVED (UG/L AS U)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)
DEC												
28...		28	0.03	<6	11	0.1	0.0	2.1	1.9	0.1	0.1	0.09
FEB												
23...		32	--	<6	15	--	--	--	--	--	--	--
DATE		TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	HARD- NESS TOTAL (MG/L AS CACO3)	PH (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
APR												
04...		0640	--	758	15.0	--	--	5.2	52	--	7.2	86
11...		0945	7700	759	17.0	60	660	7.3	76	24	7.2	101
MAY												
09...		0700	--	766	19.5	--	--	5.4	59	--	7.2	100
JUN												
06...		0610	--	765	21.0	--	--	4.8	54	--	6.9	85
JUL												
17...		0700	--	769	25.5	--	--	6.0	73	--	7.2	77
SEP												
18...		1000	6450	766	25.0	K30	K50	6.9	83	19	7.2	98

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DATE	TUR- BID- ITY (NTU)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	BONATE WATER DIS IT FIELD MG/L AS HCO3	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
APR 04...	11	--	--	--	--	--	--	--	--	--
11...	20	7.0	1.6	2.0	11	47	1	30	9.2	0.20
MAY 09...	19	--	--	--	--	--	--	--	--	--
JUN 06...	12	--	--	--	--	--	--	--	--	--
JUL 17...	13	--	--	--	--	--	--	--	--	--
SEP 18...	9.4	5.3	1.3	1.8	12	56	1	21	11	0.20

DATE	SULFATE DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4)
APR 11...	9.7	8.7	72	67	0.10	1500	0.010	0.400	0.100	0.13
SEP 18...	8.9	8.9	65	61	0.09	1130	<0.010	0.300	0.010	0.01

DATE	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)
APR 04...	--	--	0.30	--	--	--	0.060	--	--	--
11...	0.110	0.79	0.90	0.12	0.040	0.050	0.080	90	<1	69
MAY 09...	--	--	0.31	--	--	--	0.180	--	--	--
JUN 06...	--	--	0.30	--	--	--	0.100	--	--	--
JUL 17...	--	--	--	--	--	--	0.090	--	--	--
SEP 18...	0.030	0.27	0.30	0.18	0.060	<0.010	0.080	40	<1	22

DATE	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	LITHIUM DIS- SOLVED (UG/L AS LI)
APR 11...	0.6	<1.0	1	<3	1	540	<1	34	707	<4
SEP 18...	<0.5	<1.0	<1	<3	1	110	<1	21	366	6

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
APR 11...	25	98	<0.1	<10	1	<1	<1.0	42	<6	11
SEP 18...	9	87	<0.1	<10	<1	<1	<1.0	32	<6	8

NOTE: "K" denotes a bacteria count outside ideal limits.
 ">" denotes a value greater than that listed.
 "<" denotes a value less than that listed.

SAVANNAH RIVER BASIN

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC

LOCATION.--Lat 32°20'34'' (Revised), long 81°07'53'' (Revised), 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.

PERIOD OF RECORD.--September 1986 to current year.

GAGE.--Data collection platform (water-stage recorder prior to May 30, 1990). Records prior to October 1, 1987 are available through the US Geological Survey, Georgia District. Datum of gage is National Geodetic Vertical Datum of 1929, (levels furnished by the US Army Corps of Engineers). Prior to May 30, 1990, at a site 2 mi downstream at same datum.

REMARKS.--Gage height affected by tide. Gage was repeatedly vandalized during the 1990 water year, therefore, no gage-height record is available for the period Feb. 7 to May 31.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 12.81 ft, Mar. 15, 1987; minimum, 2.34 ft, July 22, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 12.13 ft, Dec. 24, 25, but may have been higher during the period of no gage-height record Feb. 7 to May 31; minimum, 3.76 ft, July 4.

GAGE HEIGHT (FEET NGVD) WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.20	6.94	7.62	9.38	7.67	8.56	7.29	5.74	6.56	11.91	11.78	11.84
2	7.89	6.50	7.10	7.98	6.17	7.03	7.90	6.83	7.35	11.86	11.78	11.82
3	7.30	6.23	6.74	7.26	6.04	6.65	7.94	7.38	7.63	11.84	11.76	11.80
4	7.56	6.27	6.96	7.44	6.31	6.86	8.18	7.54	7.79	11.82	11.71	11.77
5	8.29	7.31	7.82	7.86	6.76	7.28	7.81	6.65	7.39	11.78	11.60	11.69
6	8.67	8.10	8.37	7.99	7.15	7.54	7.19	5.74	6.52	11.63	11.39	11.54
7	9.00	8.48	8.72	7.79	6.45	7.28	7.05	5.72	6.46	11.58	11.35	11.46
8	9.31	8.77	9.07	7.15	5.36	6.34	8.13	6.35	7.49	11.62	11.48	11.56
9	9.71	9.12	9.47	6.65	4.97	5.81	8.90	7.71	8.49	11.64	11.46	11.56
10	9.97	9.47	9.74	7.04	5.14	6.23	9.32	8.50	8.98	11.67	11.55	11.60
11	10.23	9.71	9.99	7.33	5.78	6.61	9.70	9.02	9.41	11.59	11.33	11.46
12	10.44	10.00	10.23	7.42	5.94	6.65	10.06	9.45	9.77	11.39	11.07	11.22
13	10.64	10.24	10.44	7.50	5.85	6.65	10.20	9.81	10.01	11.12	10.83	10.97
14	10.83	10.46	10.66	7.27	5.33	6.34	10.34	9.99	10.18	10.95	10.65	10.81
15	11.03	10.70	10.88	6.81	4.75	5.77	10.53	10.19	10.37	10.75	10.29	10.54
16	11.23	10.93	11.09	6.33	4.35	5.20	10.65	10.40	10.53	10.38	9.52	10.00
17	11.42	11.19	11.31	6.41	4.36	5.25	10.81	10.58	10.70	9.59	8.30	9.00
18	11.74	11.41	11.56	6.35	4.73	5.46	10.99	10.76	10.88	8.55	8.01	8.26
19	11.80	11.67	11.75	6.54	5.14	5.72	11.33	10.95	11.18	8.63	8.08	8.41
20	11.70	11.38	11.57	6.41	5.15	5.82	11.62	11.33	11.49	9.03	8.46	8.84
21	11.39	11.06	11.26	5.90	4.67	5.20	11.84	11.61	11.75	9.24	8.87	9.11
22	11.06	10.76	10.94	6.00	4.52	5.24	12.01	11.82	11.94	9.49	9.14	9.34
23	10.82	10.60	10.72	5.84	4.52	5.16	12.10	11.99	12.06	9.72	9.39	9.58
24	10.67	10.47	10.57	6.07	4.57	5.26	12.13	12.04	12.09	9.79	9.38	9.57
25	10.60	10.39	10.50	6.24	4.40	5.29	12.13	12.04	12.09	9.39	8.87	9.15
26	10.55	10.27	10.42	6.39	4.46	5.39	12.10	12.00	12.05	9.12	8.75	8.92
27	10.40	10.05	10.23	6.41	4.53	5.40	12.05	11.97	12.01	9.44	8.84	9.11
28	10.20	9.74	9.97	6.36	4.45	5.31	12.01	11.92	11.97	9.65	9.15	9.38
29	9.94	9.57	9.76	5.99	4.33	5.12	11.97	11.88	11.93	9.82	9.43	9.63
30	9.84	9.44	9.65	6.62	4.83	5.76	11.94	11.83	11.89	9.94	9.61	9.77
31	9.72	9.17	9.47	---	---	---	11.91	11.81	11.87	9.98	9.66	9.83
MONTH	11.80	6.23	9.83	9.38	4.33	6.07	12.13	5.72	10.03	11.91	8.01	10.31

LAKES AND RESERVOIRS IN SOUTH CAROLINA

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--34°23'40'', long 80°09'00'', Darlington County, Hydrologic Unit 03040201, at plant intake structure on Black Creek, 2.3 mi upstream from Beaverdam Creek, and 4.7 mi west of Hartsville. Drainage area, 173 mi². Records available November 1960 to current year.

Lake used for cooling water at the Robinson Steam-Electric Generating Plant of Carolina Power and Light Co. Put in operation 1960. Records furnished by Carolina Power and Light Co.

SANTEE RIVER BASIN

02145900 LAKE WYLIE.--Lat 35°01'15'', long 81°00'30'', York County, Hydrologic Unit 03050101, at powerplant on Catawba River, 2.0 mi upstream from Big Dutchman Creek, 3.5 mi upstream from U.S. Highway 21, 3.5 mi northwest of Fort Mill, and at mile 138.5. Drainage area, 3,020 mi², approximately. Records available October 1960 to current year. Records of stage August 1925 to September 1960 collected by Duke Power Company. Gage, float gage, and indicator in powerhouse. Datum of gage is 469.4 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Lake, used for hydroelectric power development, was first put in operation August 1925. Usable capacity, 2,520,500,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 4,022,000,000 ft³. Records furnished by Duke Power Co.

02147300 FISHING CREEK RESERVOIR.--Lat 34°36'00'', long 80°53'34'', Chester County, Hydrologic Unit 03050103, at Fishing Creek dam, 0.25 mi upstream from State Highway 97, 0.5 mi upstream from Fishing Creek, 2.5 mi north of Great Falls, and at mile 100.5. Drainage area 3,810 mi², approximately. Records available October 1960 to current year. Records of stage November 1916 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 317.2 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was first put in operation November 1916. Usable capacity 667,000,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 963,100,000 ft³. Records furnished by Duke Power Co.

02147800 WATEREE RESERVOIR.--Lat 34°20'15'', long 80°44'10'', Kershaw County, Hydrologic Unit 03050104, at Wateree Reservoir dam, 0.8 mi upstream from Graungs Quarter Creek, 8.75 mi northwest of Camden, and at mile 73.5. Drainage area 4,750 mi², approximately. Records available October 1960 to current year. Records of stage October 1919 to September 1960 collected by Duke Power Co. Gage, float gage, and indicator in powerhouse. Datum of gage is 125.5 ft above National Geodetic Vertical Datum of 1929 (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was put in operation in 1917. Usable capacity 2,794,000,000 ft³ between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 ft³. Records furnished by Duke Power Co.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equiva- lent in ft ³ /s)
Sept. 30, 1989	221.2	1369		99.8	10280		99.2	1514		99.0	7036	
Oct. 31, 1989	220.7	1320	-18.3	97.3	8981	-485.0	97.3	1254	-97.1	97.1	5957	-402.9
Nov. 30, 1989	220.8	1329	3.5	98.0	9335	136.6	97.2	1240	-5.4	97.1	5957	0
Dec. 31, 1989	220.9	1339	3.7	97.3	8981	-132.2	96.7	1175	24.3	95.5	5094	-322.2
Cal. Yr. 1989			-0.3			-6.4			-1.2			-38.0
Jan. 31, 1990	221.0	1349	3.7	97.3	8981	0	97.6	1293	44.1	94.7	4676	-156.1
Feb. 29, 1990	221.1	1359	4.1	99.0	9854	360.9	99.2	1514	91.4	100.2	7746	1269.0
Mar. 31, 1990	221.0	1349	-3.7	97.8	9233	-231.8	98.3	1388	-47.0	97.3	6068	-626.5
Apr. 30, 1990	221.0	1349	0	97.4	9031	-77.9	96.7	1175	-82.2	96.9	5847	-85.3
May. 31, 1990	220.5	1300	-18.3	97.9	9284	94.5	96.4	1137	-14.2	97.2	6012	61.6
June 30, 1990	220.1	1261	-15.0	96.9	8782	193.7	97.3	1254	45.1	96.9	5847	-63.7
July 31, 1990	219.9	1242	-7.1	97.0	8832	18.7	96.4	1137	-43.7	97.2	6012	61.6
Aug. 31, 1990	220.6	1310	25.4	97.4	9031	74.3	97.6	1293	58.2	97.0	5902	-41.1
Sept. 30, 1990	220.4	1290	-7.7	96.8	8733	-115.0	96.9	1201	-35.5	96.9	5847	-21.2
WTR YR 1990			-2.5			-49.1			-9.9			-37.7

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 each water year 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 1990 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi ²)	Period of record	Annual maximum		
					Probable date	Gage Height (ft)	Dis-Charge (ft ³ /s)
Pee Dee River Basin							
02130400	Little Bear Creek nr Chesterfield, SC	Lat 34°40'09'', long 80°09'11'', Chesterfield County on upstream side of culvert on State Highway 145, 5.5 mi southwest of Chesterfield.	4.10	1975-90	10-10-89	6.29	243
02130550	Herndon Branch nr Bennettsville, SC	Lat 34°38'27'', long 79°44'46'', Marlboro County, on upstream side of culvert on State Highway 9, 4.5 mi northwest of Bennettsville.	3.34	1975-90	02-28-90	2.36	(+)
02130800	Back Swamp near Darlington, SC	Lat 34°18'11'', long 79°46'07'', Darlington County, on upstream side of culvert on State Highway 35, 5.7 mi east of Darlington.	6.22	1975-90	02-28-90	5.21	(+)
02131110	Jeffries Creek above Florence, SC	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.	46.6	1968-90	10-10-89	7.09	796
02131460	Neds Creek nr Kershaw, SC	Lat 34°32'39'', long 80°37'39'', Kershaw County, on upstream side of concrete pipe culvert on State Highway 413, 1.0 mi upstream from Little Lynches River, and 3.2 mi east of Kershaw.	3.98	1975-90	B	A	(+)
02131500	Lynches River nr Bishopville, SC	Lat 34°15'00'', long 80°12'50'', Lee County, nr center of span on downstream side of bridge 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, and at mile 89.5.	675	1942-71 1972-90	10-10-89	15.84	8561
02131990	Carter Creek at Effingham, SC	Lat 34°03'51'', long 79°46'03'', Florence County, on upstream side of culvert on U.S. Highway 301, 0.8 mi northwest of Effingham, and 0.9 mi upstream from Lynches River.	8.28	1974-90	10-10-89 10-11-89	5.61	272
02132100	Two Mile Branch nr Lake City, SC	Lat 33°53'38'', long 79°45'38'', Florence County, at culvert on U.S. Highway 378 By-Pass, and 1.4 mi north of Lake City.	19.0	1974-90	10-11-89	5.01	182
02132500	Little Pee Dee River nr Dillon, SC	Lat 34°24'17'', long 79°20'25'', Dillon County, on downstream side of bridge on State Highway 9, 1.9 mi southeast of Dillon, 3.9 mi upstream from Maple Swamp, and at mile 88.3.	524	1939-71 1972-90	03-01-90	9.01	1580
02135620	Belt Branch nr Manning, SC	Lat 33°41'54'', long 80°13'51'', Clarendon County, on downstream side of culvert on State Highway 261, 1.1 mi upstream from Pocotaligo Swamp.	0.83	1974-90	08-17-90 08-18-90	14.38	72
02136010	Chaney Swamp nr Greeleyville, SC	Lat 33°35'12'', long 79°56'48'', Williamsburg County, at culvert on U.S. Highway 52, 2.5 mi upstream from Rocky Ford Swamp, and 2.5 mi east of Greeleyville.	17.0	1974-90	12-19-89	6.63	311
Santee River Basin							
02147600	Scabber Branch nr Great Falls, SC	Lat 34°30'17'', long 81°00'22'', Fairfield County, on upstream side of box culvert on State Highway 200, 1.1 mi upstream of Big Wateree Creek and 7.0 mi southwest of Great Falls.	4.55	1975-90	10-02-89	9.65	2104
02153750	Buck Horn Creek nr York, SC	Lat 35°02'09'', long 81°18'44'', York County, on upstream side of culvert on State Highway 5, 4.5 mi upstream from Bullocks Creek, and 4.0 mi northwest of York.	5.23	1975-90	B	A	(+)

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1990 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi ²)	Period of record	Annual maximum		
					Probable date	Gage Height (ft)	Dis-Charge (ft ³ /s)
Santee River Basin--Continued							
02156300	Lawsons Fork Creek at Spartanburg, SC	Lat 34°56' 53'', long 81°52'08'', Spartanburg County, on downstream side of bridge on secondary road, 0.8 mi east of Spartanburg.	774.7	1966-70 1970-90	10-01-89 02-16-90	13.35	2942
02157500	Middle Tyger River at Lyman, SC	Lat 34°56'35'', long 82°08'00'', Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman.	68.3	1937-68 1970-90	B	A	(+)
02159600	Dutchman Creek nr Pauline, SC	Lat 34°47'55'', long 81°52'46'', Spartanburg County, on downstream side of bridge on County Road 90, 75 feet downstream from Smith Creek and 2.2 mi southwest of Pauline.	8.97	1966-90	10-01-89	8.54	1516
02160000	Fairforest Creek nr Union, SC	Lat 34°40'45'', long 81°41'25'', Union County, on right bank at downstream side of bridge on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union, and at mile 7.5.	183	1940-71 1972-90	10-02-89	6.32	4540
02160130	Enoree River nr Travelers Rest, SC	Lat 34°59'21'', long 82°15'', Greenville County, on upstream side of culvert on U.S. Highway 25, 0.6 mi upstream from North Enoree River and 2.0 mi northeast of Travelers Rest.	5.37	1974-90	03-17-90	8.05	725
02160500	Enoree River nr Enoree, SC	Lat 34°36'38'', long 81°54'35'', Spartanburg County on left bank 60 ft upstream from bridge on State Highway 49, 0.6 mi upstream from Warrior Creek, 3.0 mi southeast of Enoree, and at mile 47.4	307	1929-76 1977-90	10-02-89	5.10	5720
02160800	Second Creek nr Pomaria, SC	Lat 34°20'06'', long 81°30'11'', Newberry County, on upstream side of culvert on U.S. Highway 176, 5.5 mi upstream of Hellers Creek, and 7.2 mi northwest of Pomaria.	1.87	1975-90	B	A	(+)
02162500	Saluda River nr Greenville, SC	Lat 34°50'32'', long 82°28'51'', Pickens County, on right bank 700 ft upstream from bridge on State Road 124, 1.6 mi downstream from Saluda Lake Dam, 2.4 mi upstream from Georges Creek, 4.6 mi west of City Hall in Greenville, and at mile 132.0.	295	1941-90	03-17-90	14.25	7790
02162525	Hamilton Creek nr Easley, SC	Lat 34°50'10'', long 82°33'50'', Pickens County, on upstream side of bridge on State Highway 135, 4.6 mi northeast of Easley.	1.60	1981-86 1987-90	03-17-90	5.95	(+)
02163000	Saluda River nr Pelzer, SC	Lat 34°40'05'', long 82°27'55'', Anderson County, on right bank 0.4 mi downstream from Hurricane Creek, 1.9 mi north of Pelzer, and at mile 114.2.	405	1929-71 1972-90	03-18-90	8.38	9846
02165350	Dirty Creek Tributary nr Laurens, SC	Lat 34°29'44'', long 82°05'15'', Laurens County, on upstream side of culvert on State Highway 252, 2.8 mi upstream of Dirty Creek and 4.1 mi west of Laurens.	1.21	1975-90	03-17-90	5.08	99
02167200	Watkins Creek nr Cross Hill, SC	Lat 34°19'32'', long 81°54'38'', Laurens County, at culvert on State Highway 560, 1.8 mi upstream from Campbell Creek, and 4.4 mi northeast of Cross Hill.	0.62	1974-90	B	A	(+)
02167750	Camping Creek Tributary nr Prosperity, SC	Lat 34°12'35'', long 81°30'08'', Newberry County, on upstream side of culvert on County Road 437, 0.35 mi above Camping Creek, and 1.8 mi east of Prosperity.	0.52	1974-90	02-27-90	5.64	93
02169540	Savanna Branch nr Cayce, SC	Lat 33°55'47'', long 81°07'05'', Lexington County, on upstream side of culvert on State Highway 302, 0.75 mi upstream from Congaree Creek and 3.9 mi southwest of Cayce.	7.15	1974-90	B	A	(+)
02169670	Cedar Creek below Myer Creek nr Hopkins, SC	Lat 33°50'23'', long 80°33'09'', Richland County, on left bank, 150 ft below Myers Creek, 4.5 mi South of Hopkins.	66.9	1980-86 1987-90	01-25-90	4.07	139
02169960	Lake Marion Tributary nr Vance, SC	Lat 33°27'26'', long 80°26'32'', Orangeburg County, on upstream side of box culvert on State Highway 6, 1.4 mi upstream from Lake Marion and 2.0 mi northeast of Vance.	2.12	1975-90	05-05-90	4.71	121

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

411

Annual maximum discharge at crest-stage partial-record stations during water year 1990 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi ²)	Period of record	Annual maximum		
					Probable date	Gage Height (ft)	Dis-Charge (ft ³ /s)
Edisto River Basin							
02172500	South Fork Edisto River nr Montmorenci, SC	Lat 33°04'35'', long 81°30'50'', Aiken County, near center of span on downstream side of bridge on State Highway 215, 0.4 mi upstream from Cedar Creek, 1 mi upstream from Shaw Creek, 7.6 mi northeast of Montmorenci, and at mile 167.3.	198	1939-66 1967-90	05-05-90 07-12-90	2.91	816
02173250	Ritter Branch nr Perry, SC	Lat 33°38'10'', long 81°16'04'', Aiken County, at culvert on State Highway 14, 0.3 mi upstream from Hollow Creek, 2.6 mi southeast of Perry.	2.22	1975-90	05-05-90	2.23	(+)
Combahee River Basin							
02175300	Turkey Creek nr Barnwell, SC	Lat 33°17'05'', long 81°21'46'', Barnwell County, at bridge on State Highway 168, 0.5 mi downstream from Long Branch, and 3.0 mi north of Barnwell.	22.8	1975-90	B	A	(+)
02175450	Savannah Creek nr Ehrhardt, SC	Lat 33°02'03'', long 81°03'11'', Colleton County, on upstream side of culvert on State Highway 641, 1.2 mi upstream from Salkehatchie River, and 6.0 mi north of Miley.	12.4	1975-90	05-29-90 05-30-90	7.87	952
02176100	Remick Swamp nr Hendersonville, SC	Lat 32°48'45'', long 80°42'20'', Colleton County, at culvert on U. S. Highway 17-A, 1.5 mi upstream from Bluehouse Swamp, and 2.0 mi northeast of Hendersonville.	7.67	1975-90	01-11-90	3.88	250
Broad River Basin							
02176875	Great Swamp nr Ridgeland, SC	Lat 32°29'45'', long 81°01'07'', Jasper County, on upstream side of bridge on State Highway 39, 2.5 mi northwest of Ridgeland.	48.8	1977-84+ 1987-90	01-01-90 01-02-90	6.38	1760
Savannah River Basin							
02184100	Cleveland Creek nr Fairplay, SC	Lat 34°31'32'', long 82°59'29'', Oconee County, on upstream side of culvert on State Highway 59, 1.0 mi northwest of Fairplay, and 2.4 mi upstream from Beaver Dam Creek.	5.61	1974-90	B	A	(+)
02185400	Cane Creek nr Walhalla, SC	Lat 34°46'48'', long 83°06'22'', Oconee County, on upstream side of culvert on State Highway 28, 2.5 mi northwest of Walhalla.	1.08	1975-90	10-01-89	5.30	177
02187900	Broadway Creek nr Anderson, SC	Lat 34°30'09'', long 82°35'00'', Anderson County, at bridge on State Highway 48, 0.1 mi downstream from Cupbroad Creek and 3.8 mi east of Anderson.	26.4	1975-90	10-01-89 03-17-90	12.28	(+)
02192450	Camp Creek nr Honea Path, SC	Lat 34°23'18'', long 82°29'00'', Anderson County, on upstream side of culvert on State Highway 185, 2.0 mi upstream from Little River, and 6.7 mi southwest of Honea Path.	1.59	1977-90	B	A	(+)
02195660	Log Creek nr Edgefield, SC	Lat 33°48'03'', long 81°52'39'', Edgefield County, on upstream side of culvert on State Highway 23, 3.3 mi east of Edgefield.	1.18	1975-90	10-01-89	3.32	35.2
02197410	Miller Creek Tributary nr Baldoc, SC	Lat 33°04'08'', long 81°24'26'', Allendale County, on upstream side of culvert on State Highway 125, 0.6 mi upstream from Miller Creek, and 1.1 mi southeast of Baldoc.	7.51	1975-90	10-07-89	4.22	302

+ Discharge not determined.

◆ Operated as a continuous-record gaging station.

A Stage not determined.

B Date unknown.

* Probably caused by backwater from beaver dam.

** Probably caused by backwater from debris.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

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 not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to these events. Those measurements and others collected for some special reasons are called measurements at miscellaneous sites.

STATION NO.	STATION NAME	LOCATION	DRAINAGE AREA (mi ²) (Approx)	PERIOD OF RECORD (WT YR)	DATE	GAGE HEIGHT (FT)	DIS-CHARGE (ft ³ /S)
Santee River Basin							
02148312	Wateree River @ Union Camp nr Eastover, SC	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.	5,590	1984-1990	11-09-89 01-03-90 04-19-90 06-08-90 08-22-90	91.87 95.30 96.33 90.58 89.82	4,900 7,830 7,480 4,020 3,540
02171001	Santee River @ Lake Marion Tail Race, nr Pineville, SC	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.	14,700	1966-1990	12-12-89 05-03-90 09-06-90	26.90 26.70 26.85	670 689 640
02171520	Little River nr Pineville, SC	Lat 33°28'56'', long 80°09'43'', Clarendon County, 4.5 mi upstream from Dead River, 8.1 mi west of Pineville.		1946-1990	09-06-90	--	15
Edisto River Basin							
02174048	Edisto River @ SCE&G Plant nr Canadys, SC	Lat 33°04'00'', long 80°37'26'', Colleton County, 1.0 mi north of Canadys, and 12.0 mi north of Walterboro.	1,850	1982-1990	11-06-89 01-26-90 03-13-90 04-18-90 06-01-90 07-13-90 07-13-90 09-07-90	54.98 56.60 55.63 54.20 53.58 51.56 51.56 52.54	1,500 1,880 1,640 1,270 1,000 602 594 896

GROUND WATER RECORDS

GROUND-WATER LEVELS

AIKEN COUNTY

331940081443501. Local number, AK-430.

LOCATION.--Lat 33°19'40'', long 81°44'35'', Hydrologic Unit 03060106, at Savannah River Plant near Aiken.

Owner: U.S. Department of Energy.

AQUIFER.--Sands of the Middendorf Formation.

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.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 357 ft above National Geodetic Vertical Datum of 1929. 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 current year. Prior to October 1970, maximum and minimum only. Prior to 1974, published as AK-2 or LA-4.

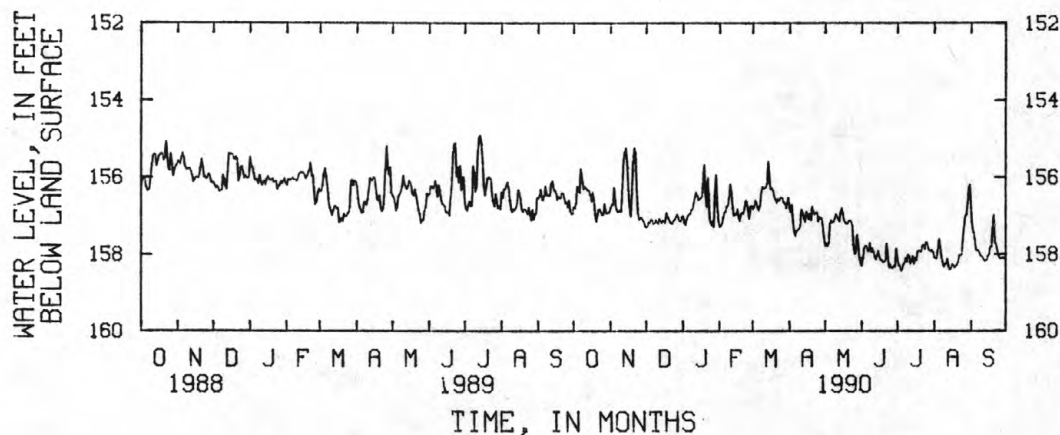
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 144.77 ft below land-surface datum, Feb. 23, 1966; lowest, 159.22 ft below land-surface datum, May 29, 1957.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	156.79	156.80	157.32	157.01	157.30	156.83	156.81	157.79	158.32	158.16	158.08	156.81
2	156.82	156.72	157.29	157.20	157.28	156.78	156.92	157.74	158.12	158.30	158.12	157.34
3	156.68	156.72	157.19	157.26	157.24	156.62	156.73	157.80	157.86	158.33	158.14	157.45
4	156.24	156.26	157.19	157.11	157.04	156.68	157.19	157.73	157.79	158.45	157.90	157.63
5	156.34	156.71	157.12	157.02	156.94	156.81	157.45	157.22	157.81	158.42	157.62	157.89
6	156.40	156.83	157.12	156.98	156.90	156.87	157.54	157.13	157.93	158.29	157.81	157.91
7	155.79	156.91	157.22	156.97	156.77	156.76	157.41	157.18	157.94	158.24	158.08	157.92
8	156.02	156.90	157.20	156.87	156.72	156.40	157.37	157.16	157.72	158.11	158.23	157.99
9	156.32	156.88	157.12	156.83	156.52	156.27	157.36	157.08	157.95	158.21	158.35	158.05
10	156.26	156.91	157.17	156.69	156.19	156.30	157.26	156.97	157.88	158.02	158.28	158.08
11	156.28	156.22	157.22	156.54	156.40	156.27	156.85	157.02	157.94	158.07	158.27	158.13
12	156.32	155.55	157.10	156.40	156.82	156.27	156.94	157.11	158.09	158.26	158.14	158.19
13	156.36	155.36	157.16	156.48	157.01	156.17	157.07	157.16	158.15	158.16	158.35	158.19
14	156.37	155.26	157.20	156.59	157.00	155.60	157.17	156.92	158.04	158.07	158.41	158.18
15	156.48	155.77	157.13	156.58	156.95	156.06	156.91	156.81	157.93	158.25	158.40	158.07
16	156.64	156.35	157.15	156.55	156.85	156.32	157.05	156.97	158.09	158.12	158.29	158.01
17	156.41	156.79	157.20	156.52	157.06	156.31	157.09	157.14	158.17	158.17	158.31	157.82
18	156.59	157.02	156.94	156.16	157.15	156.35	156.97	157.19	158.17	157.94	158.36	157.82
19	156.98	156.33	157.04	155.69	156.97	156.51	157.12	157.22	158.23	157.92	158.33	157.32
20	157.16	155.59	157.11	156.49	156.93	156.60	156.78	157.22	158.21	157.94	158.29	157.00
21	156.97	155.26	157.17	156.77	156.95	156.68	156.92	157.15	158.19	157.94	158.24	157.73
22	156.86	155.36	157.21	156.02	156.80	156.59	156.97	157.13	157.73	157.79	158.04	157.74
23	156.83	156.38	157.23	156.76	156.62	156.63	156.94	157.16	158.10	157.77	158.04	157.91
24	156.93	156.95	157.15	157.18	156.65	156.56	156.92	157.27	158.36	157.87	158.02	158.04
25	156.99	157.12	157.10	157.26	156.87	156.54	157.15	157.79	158.30	157.70	157.65	158.12
26	156.98	157.07	157.04	157.18	157.08	156.55	157.05	158.01	158.37	157.71	157.28	158.12
27	156.70	157.07	156.98	157.30	156.77	156.66	157.08	157.95	158.38	157.87	157.03	158.14
28	156.92	157.13	157.06	156.33	156.76	156.70	157.07	157.51	158.32	157.91	156.97	158.10
29	156.95	157.17	157.15	155.95	---	156.81	157.27	157.85	158.35	157.94	156.70	158.14
30	156.93	157.29	157.15	156.75	---	156.70	157.58	158.14	157.87	157.90	156.26	158.15
31	156.93	---	157.03	157.14	---	156.55	---	158.26	---	157.96	156.19	---
MEAN	156.62	156.49	157.14	156.73	156.88	156.51	157.10	157.38	158.08	158.06	157.88	157.87
MAX	157.16	157.29	157.32	157.30	157.30	156.87	157.58	158.26	158.38	158.45	158.41	158.19
MIN	155.79	155.26	156.94	155.69	156.19	155.60	156.73	156.81	157.72	157.70	156.19	156.81

CAL YR 1989 MEAN 156.48 HIGH 154.91 LOW 157.32

WTR YR 1990 MEAN 157.23 HIGH 155.26 LOW 158.45



AIKEN COUNTY

332616081462001. Local number, AK-817.

LOCATION.--Lat 33°26'17'', long 81°46'15'', Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road), approximately 0.6 mi east of junction with State Highway 302.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 478 ft, 4 in from 478 ft to 535 ft, depth 535 ft, cased to 535 ft, screened interval 520-530 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

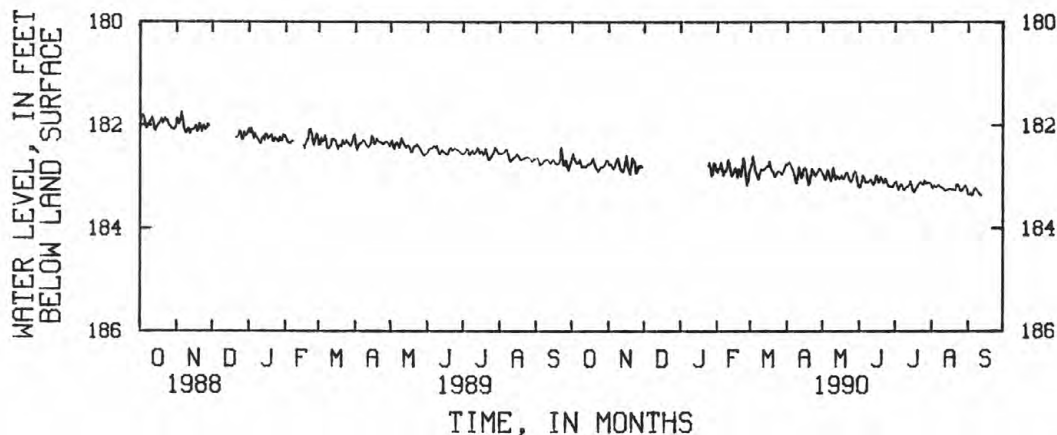
PERIOD OF RECORD.--April 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 181.31 ft below land-surface datum, Apr. 24, 1988;

lowest, 183.37 ft below land-surface datum, Sept. 4, 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	182.65	182.77	---	---	182.92	182.85	182.77	182.95	183.22	183.12	183.20	183.35
2	182.57	182.77	---	---	182.86	182.76	182.75	183.00	183.21	183.11	183.23	183.36
3	182.66	182.77	---	---	182.84	182.61	182.73	183.07	183.09	183.20	183.19	183.33
4	182.71	182.83	---	---	182.74	182.74	182.77	183.05	182.99	183.26	183.21	183.37
5	182.75	182.86	---	---	182.88	182.89	182.84	182.89	183.02	183.22	183.22	183.35
6	182.74	182.82	---	---	182.98	182.95	182.88	182.90	183.11	183.16	183.19	183.27
7	182.71	182.74	---	---	182.90	183.03	182.97	183.02	183.11	183.18	183.17	183.23
8	182.68	182.67	---	---	182.91	183.06	183.10	183.09	183.12	183.25	183.21	183.25
9	182.81	182.65	---	---	182.84	182.95	183.14	183.02	183.11	183.26	183.22	183.30
10	182.83	182.77	---	---	182.68	182.87	182.99	182.84	183.07	183.23	183.22	183.33
11	182.81	182.87	---	---	182.75	182.87	182.82	182.98	183.07	183.21	183.24	183.36
12	182.83	182.90	---	---	182.90	182.88	182.94	183.06	183.14	183.21	183.28	183.37
13	182.82	182.92	---	---	182.99	182.86	183.03	183.00	183.17	183.17	183.28	---
14	182.78	182.87	---	---	182.97	182.82	182.98	183.02	183.11	183.10	183.26	---
15	182.76	182.73	---	---	182.91	182.81	182.85	183.05	183.00	183.16	183.26	---
16	182.77	182.60	---	---	182.84	182.80	182.84	183.04	182.99	183.27	183.25	---
17	182.74	182.80	---	---	182.89	182.72	182.88	182.99	183.11	183.31	183.25	---
18	182.68	182.90	---	---	183.02	182.82	183.03	183.04	183.10	183.28	183.27	---
19	182.65	182.96	---	---	182.87	182.89	183.17	183.05	183.02	183.23	183.26	---
20	182.77	182.81	---	---	182.91	182.91	183.12	182.99	183.06	183.19	183.27	---
21	182.83	182.65	---	---	183.00	183.00	182.98	182.94	183.12	183.15	183.28	---
22	182.86	182.70	---	---	182.81	183.00	182.86	182.93	183.12	183.12	183.17	---
23	182.91	182.73	---	---	182.65	182.95	182.90	183.03	183.05	183.12	183.16	---
24	182.88	182.94	---	182.80	182.74	182.91	182.95	183.08	183.10	183.15	183.20	---
25	182.83	182.93	---	182.73	182.99	182.91	182.99	183.11	183.18	183.16	183.27	---
26	182.82	182.82	---	182.83	183.17	182.92	182.95	183.07	183.21	183.09	183.29	---
27	182.82	182.82	---	182.99	183.10	182.95	182.91	182.97	183.20	183.14	183.26	---
28	182.80	182.79	---	182.95	182.92	182.96	182.85	182.91	183.21	183.13	183.22	---
29	182.76	182.81	---	182.75	---	182.88	182.86	182.92	183.22	183.14	183.19	---
30	182.70	---	---	182.76	---	182.84	182.90	183.07	183.18	183.13	183.19	---
31	182.69	---	---	182.87	---	182.77	---	183.18	---	183.14	183.27	---
TOTAL	5665.62	---	---	---	5120.98	5669.18	5487.75	5673.26	5493.41	5678.59	5680.18	---
MEAN	182.76	---	---	---	182.89	182.88	182.92	183.01	183.11	183.18	183.23	---
MAX	182.91	---	---	---	183.17	183.06	183.17	183.18	183.22	183.31	183.29	---
MIN	182.57	---	---	---	182.65	182.61	182.73	182.84	182.99	183.09	183.16	---



GROUND-WATER LEVELS

AIKEN COUNTY

332617081462001. Local number, AK-818.

LOCATION.--Lat 33°26'17", long 81°46'14", Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road), approximately 0.6 mi east of junction with State Highway 302.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 410 ft, 4 in from 368 to 425 ft, depth 425 ft, cased to 425 ft, screened interval 410-420 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

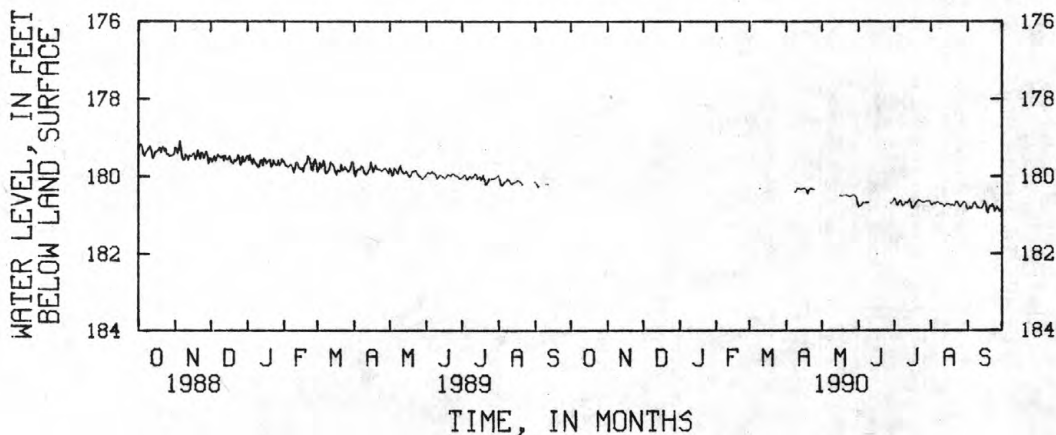
DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.1 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 178.72 ft below land-surface datum, Apr. 24, May 17, 1988; lowest, 180.97 ft below land-surface datum, Sept. 18, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	180.80	180.60	180.73	180.88
2	---	---	---	---	---	---	---	---	180.79	180.62	180.76	180.85
3	---	---	---	---	---	---	---	---	180.78	180.72	180.72	180.81
4	---	---	---	---	---	---	---	---	180.73	180.77	180.72	180.87
5	---	---	---	---	---	---	---	---	180.70	180.70	180.71	180.82
6	---	---	---	---	---	---	180.34	---	180.70	180.65	180.69	180.73
7	---	---	---	---	---	180.36	180.35	---	180.70	180.69	180.69	180.69
8	---	---	---	---	---	180.36	180.41	---	180.70	180.77	180.72	180.74
9	---	---	---	---	---	180.34	180.41	---	180.70	180.76	180.72	180.82
10	---	---	---	---	---	180.33	180.34	---	180.70	180.71	180.72	180.83
11	---	---	---	---	---	---	180.33	---	---	180.69	180.74	180.85
12	---	---	---	---	---	---	180.34	---	---	180.71	180.80	180.85
13	---	---	---	---	---	---	180.36	---	---	180.67	180.77	180.83
14	---	---	---	---	---	---	180.34	---	---	180.61	180.73	180.77
15	---	---	---	---	---	---	180.33	---	---	180.69	180.74	180.67
16	---	---	---	---	---	---	180.33	180.52	---	180.82	180.73	180.70
17	---	---	---	---	---	---	180.33	180.51	---	180.84	180.75	180.89
18	---	---	---	---	---	---	180.38	180.52	---	180.78	180.77	180.97
19	---	---	---	---	---	---	180.47	180.52	---	180.72	180.74	180.86
20	---	---	---	---	---	---	180.38	180.51	---	180.69	180.77	180.78
21	---	---	---	---	---	---	180.34	180.51	---	180.65	180.78	180.80
22	---	---	---	---	---	---	180.33	180.51	---	180.63	180.69	180.74
23	---	---	---	---	---	---	180.34	180.52	---	180.64	180.68	180.78
24	---	---	---	---	---	---	180.34	180.54	---	180.67	180.72	180.92
25	---	---	---	---	---	---	180.34	180.54	---	180.69	180.79	180.88
26	---	---	---	---	---	---	---	180.52	---	180.69	180.81	180.81
27	---	---	---	---	---	---	---	180.51	---	180.68	180.75	180.86
28	---	---	---	---	---	---	---	180.50	180.71	180.66	180.70	180.92
29	---	---	---	---	---	---	---	180.51	180.71	180.66	180.68	180.90
30	---	---	---	---	---	---	---	180.56	180.67	180.66	180.70	180.86
31	---	---	---	---	---	---	---	180.72	---	180.66	180.81	---
TOTAL	---	---	---	---	---	---	---	---	---	5601.50	5602.83	5424.68
MEAN	---	---	---	---	---	---	---	---	---	180.69	180.74	180.82
MAX	---	---	---	---	---	---	---	---	---	180.84	180.81	180.97
MIN	---	---	---	---	---	---	---	---	---	180.60	180.68	180.67



AIKEN COUNTY

332616081461601. Local number, AK-825.

LOCATION.--Lat 33°26'16'', long 81°46'16'', Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road), approximately 0.6 mi east of junction with State Highway 302.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Pee Dee Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 205 ft, 4 in 186-216, 226-231 ft, depth 231 ft, cased to 231 ft, screened interval from 216 to 226 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

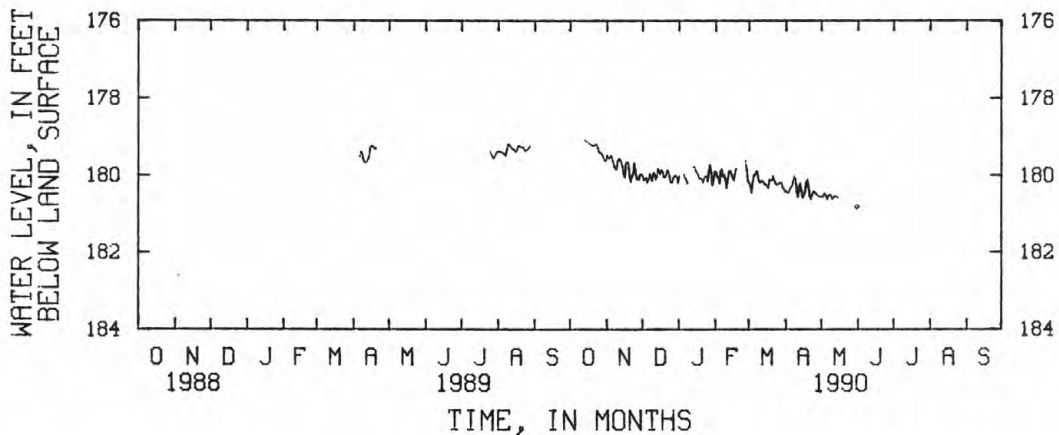
DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Edge of shelter ledge, 2.40 ft above land-surface datum.

PERIOD OF RECORD.--May 1989 to September 1990.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 179.10 ft below land-surface datum, Oct. 13, 1989; lowest, 180.84 ft below land-surface datum, May 31, 1990 .

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	179.50	180.03	180.04	179.91	180.21	180.42	180.58	---	---	---	---
2	---	179.57	180.13	---	180.06	180.31	180.47	180.59	---	---	---	---
3	---	179.57	180.12	---	180.08	180.48	180.48	180.51	---	---	---	---
4	---	179.51	180.08	---	180.22	180.18	180.40	180.49	---	---	---	---
5	---	179.54	180.20	179.99	179.90	180.01	180.32	180.56	---	---	---	---
6	---	179.65	180.13	180.09	179.85	180.00	180.30	180.64	---	---	---	---
7	---	179.77	179.97	180.12	180.05	179.91	180.17	180.56	---	---	---	---
8	---	179.86	180.09	180.21	180.01	179.92	180.06	180.52	---	---	---	---
9	---	179.86	180.15	---	180.13	180.14	180.11	180.53	---	---	---	---
10	---	179.65	179.96	---	180.35	180.20	180.44	180.63	---	---	---	---
11	---	179.58	179.96	---	180.13	180.18	180.58	180.60	---	---	---	---
12	---	179.61	180.11	---	179.92	180.15	180.30	180.56	---	---	---	---
13	179.10	179.65	180.05	179.79	179.89	180.19	180.23	180.57	---	---	---	---
14	179.12	179.79	179.85	179.77	179.97	180.26	180.42	180.58	---	---	---	---
15	179.14	179.99	179.92	179.90	180.07	180.24	180.60	180.60	---	---	---	---
16	179.16	180.07	179.98	179.95	180.14	180.28	180.52	---	---	---	---	---
17	179.19	179.70	179.88	180.01	179.98	180.35	180.46	---	---	---	---	---
18	179.21	179.67	179.93	180.10	179.85	180.13	180.20	---	---	---	---	---
19	179.23	179.70	180.07	180.09	---	180.14	180.12	---	---	---	---	---
20	179.25	180.04	180.06	180.11	---	180.14	180.31	---	---	---	---	---
21	179.23	180.18	180.00	180.20	---	180.04	180.55	---	---	---	---	---
22	179.21	180.05	179.89	180.11	---	180.12	180.64	---	---	---	---	---
23	179.20	179.97	179.92	180.04	---	180.22	180.52	---	---	---	---	---
24	179.30	179.70	180.06	180.06	---	180.26	180.45	---	---	---	---	---
25	179.40	179.90	180.19	180.17	---	180.23	180.44	---	---	---	---	---
26	179.43	180.11	180.21	179.89	179.64	180.23	180.49	---	---	---	---	---
27	179.44	180.07	180.09	179.75	179.91	180.20	180.50	---	---	---	---	---
28	179.49	180.12	180.04	179.93	180.17	180.21	180.54	---	---	---	---	---
29	179.56	180.00	180.02	180.28	---	180.33	180.57	---	---	---	---	---
30	179.64	179.98	180.06	180.11	---	180.36	180.57	---	---	---	---	---
31	179.63	---	180.21	179.93	---	180.44	---	180.84	---	---	---	---
MEAN	---	179.81	180.04	---	---	180.20	180.41	---	---	---	---	---
MAX	---	180.18	180.21	---	---	180.48	180.64	---	---	---	---	---
MIN	---	179.50	179.85	---	---	179.91	180.06	---	---	---	---	---



GROUND-WATER LEVELS

AIKEN COUNTY

333230081290501. Local number, AK-826.

LOCATION.--Lat 33°32'30'', long 81°29'05'', Hydrologic Unit 03050204, Aiken State Park, approximately .25 mi east of County Rd 53.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 473 ft, 4 in 448-485, 495-500 ft, depth 500 ft, cased to 500 ft, screened interval from 485 to 495 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 300 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.42 ft above land-surface datum.

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

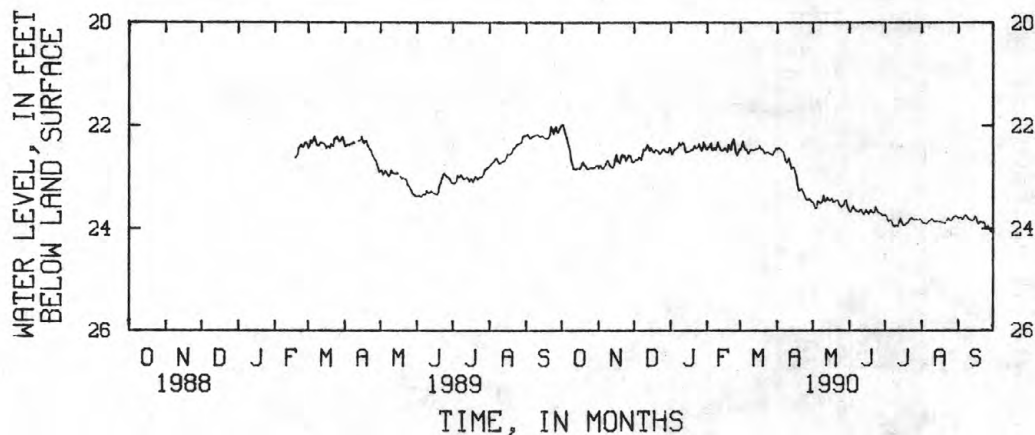
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 21.98 ft below land-surface datum, Oct. 2, 1989;

lowest, 24.07 ft below land-surface datum, Sept. 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.99	22.83	22.71	22.47	22.46	22.47	22.46	23.51	23.67	23.74	23.87	23.81
2	21.98	22.79	22.67	22.56	22.42	22.40	22.44	23.55	23.68	23.77	23.90	23.80
3	22.08	22.79	22.67	22.52	22.42	22.32	22.44	23.62	23.63	23.83	23.90	23.79
4	22.16	22.83	22.67	22.47	22.35	22.41	22.46	23.61	23.58	23.87	23.91	23.83
5	22.25	22.84	22.62	22.46	22.46	22.46	22.49	23.48	23.62	23.85	23.92	23.81
6	22.33	22.81	22.63	22.44	22.48	22.47	22.51	23.49	23.66	23.85	23.90	23.77
7	22.41	22.76	22.67	22.42	22.44	22.53	22.59	23.51	23.66	23.90	23.86	23.75
8	22.51	22.70	22.56	22.34	22.47	22.54	22.68	23.51	23.68	23.95	23.85	23.77
9	22.69	22.68	22.47	22.38	22.42	22.49	22.73	23.47	23.68	23.97	23.82	23.81
10	22.76	22.76	22.49	22.37	22.33	22.47	22.68	23.37	23.65	23.96	23.83	23.83
11	22.84	22.80	22.45	22.33	22.40	22.48	22.64	23.47	23.65	23.95	23.86	23.84
12	22.86	22.81	22.38	22.35	22.47	22.48	22.76	23.46	23.70	23.97	23.87	23.85
13	22.86	22.82	22.41	22.49	22.49	22.47	22.84	23.41	23.73	23.87	23.87	23.85
14	22.84	22.78	22.49	22.52	22.49	22.46	22.83	23.44	23.69	23.82	23.86	23.83
15	22.84	22.66	22.44	22.51	22.46	22.46	22.82	23.46	23.65	23.87	23.87	23.78
16	22.85	22.57	22.47	22.51	22.44	22.45	22.91	23.45	23.69	23.93	23.87	23.80
17	22.82	22.68	22.52	22.50	22.47	22.40	22.98	23.43	23.73	23.95	23.88	23.88
18	22.75	22.70	22.52	22.48	22.51	22.45	23.15	23.49	23.69	23.93	23.89	23.92
19	22.72	22.73	22.48	22.48	22.38	22.46	23.26	23.49	23.65	23.91	23.89	23.89
20	22.78	22.61	22.49	22.46	22.43	22.47	23.27	23.47	23.68	23.90	23.90	23.88
21	22.79	22.57	22.49	22.40	22.47	22.53	23.25	23.46	23.71	23.87	23.91	23.90
22	22.82	22.60	22.54	22.43	22.33	22.54	23.25	23.46	23.69	23.83	23.85	23.88
23	22.85	22.59	22.55	22.44	22.27	22.53	23.31	23.54	23.60	23.81	23.81	23.90
24	22.84	22.68	22.52	22.41	22.36	22.52	23.37	23.56	23.65	23.81	23.83	23.99
25	22.83	22.64	22.48	22.36	22.50	22.54	23.43	23.59	23.69	23.83	23.85	23.98
26	22.83	22.58	22.46	22.43	22.58	22.55	23.45	23.57	23.71	23.84	23.85	23.96
27	22.84	22.59	22.49	22.49	22.53	22.57	23.45	23.54	23.71	23.84	23.82	24.01
28	22.83	22.60	22.51	22.44	22.47	22.58	23.43	23.47	23.74	23.83	23.79	24.07
29	22.82	22.70	22.52	22.33	---	22.53	23.46	23.45	23.76	23.84	23.77	24.07
30	22.79	22.72	22.51	22.39	---	22.50	23.49	23.57	23.76	23.83	23.77	24.05
31	22.78	---	22.43	22.45	---	22.45	---	23.63	---	23.83	23.79	---
MEAN	22.66	22.71	22.53	22.44	22.44	22.48	22.96	23.50	23.68	23.87	23.86	23.88
MAX	22.86	22.84	22.71	22.56	22.58	22.58	23.49	23.63	23.76	23.97	23.92	24.07
MIN	21.98	22.57	22.38	22.33	22.27	22.32	22.44	23.37	23.58	23.74	23.77	23.75

WTR YR 1990 MEAN 23.09 HIGH 21.98 LOW 24.07



BARNWELL COUNTY

332358081252000. Local number, BW-78.

LOCATION.--Lat 33°23'58'', long 81°25'20'', Hydrologic Unit 03050207, 26 ft south of West Street, 41 ft east of Elko Street in Williston.

Owner: Town of Williston.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 12 in from surface to 500 ft, 10 in from 500 to 785 ft, depth 785 ft, screened intervals 568-578, 599-604, 638-658, 702-712, 734-744, 760-770 ft, gravel packed.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 340 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

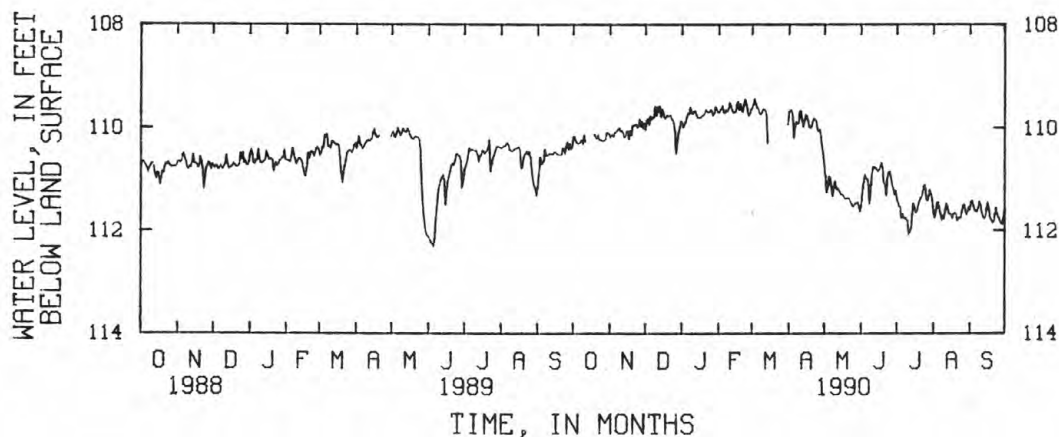
REMARKS.--Test hole Gamma logged Aug. 6, 1970 to 808 ft. Resistivity logged Aug. 6, 1970 to 800 ft. Pump test and water-quality data available in District files.

PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 106.03 ft below land-surface datum, Feb. 12, 1985; lowest, 112.32 ft below land-surface datum, June 5, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110.18	110.18	110.04	109.89	109.70	109.62	109.69	110.77	111.53	111.41	111.67	111.61
2	110.17	110.15	109.86	109.99	109.65	109.54	109.67	110.96	111.29	111.46	111.77	111.46
3	110.25	110.14	109.82	109.93	109.63	109.44	109.65	111.27	111.07	111.54	111.64	111.43
4	110.29	110.17	109.94	109.89	109.57	109.53	109.72	111.17	110.92	111.56	111.47	111.53
5	110.31	110.09	109.77	109.79	109.69	109.60	110.21	110.96	110.98	111.78	111.47	111.62
6	110.30	110.08	109.83	109.72	109.71	109.64	109.98	110.98	111.02	111.70	111.58	111.63
7	110.27	110.05	109.79	109.73	109.66	109.71	109.90	111.18	111.12	111.77	111.69	111.64
8	110.24	110.03	109.80	109.60	109.68	109.74	109.92	111.34	111.49	111.77	111.81	111.57
9	110.31	110.00	109.58	109.71	109.63	109.71	109.91	111.17	111.21	111.79	111.73	111.45
10	110.14	110.07	109.76	109.72	109.51	109.64	109.68	111.06	110.91	111.83	111.78	111.52
11	110.25	110.05	109.59	109.68	109.55	109.64	109.67	111.18	110.77	112.08	111.62	111.66
12	---	110.10	109.67	109.67	109.65	109.66	109.88	111.22	110.78	112.06	111.49	111.74
13	---	110.18	109.58	109.74	109.70	109.77	109.98	111.20	110.78	111.98	111.54	111.78
14	---	110.17	109.78	109.80	109.70	110.31	109.87	111.26	110.81	111.69	111.68	111.76
15	---	110.07	109.64	109.80	109.68	---	109.76	111.31	110.86	111.48	111.69	111.58
16	---	110.07	109.69	109.81	109.54	---	109.77	111.32	110.83	111.55	111.71	111.47
17	---	110.22	109.80	109.79	109.49	---	109.85	111.33	110.76	111.66	111.78	111.61
18	---	110.06	109.81	109.76	109.65	---	109.99	111.39	110.69	111.63	111.69	111.77
19	110.13	110.14	109.76	109.75	109.54	---	110.01	111.39	110.79	111.54	111.67	111.80
20	110.19	109.96	109.78	109.71	109.64	---	109.98	111.39	111.08	111.44	111.68	111.86
21	110.21	109.95	109.77	109.65	109.69	---	109.88	111.39	111.12	111.38	111.82	111.85
22	110.14	109.95	109.75	109.68	109.54	---	109.82	111.39	111.33	111.36	111.78	111.69
23	110.23	109.93	109.83	109.70	109.45	---	109.84	111.46	111.00	111.26	111.77	111.57
24	110.24	109.99	109.84	109.69	109.52	---	109.88	111.51	110.88	111.13	111.76	111.69
25	110.25	109.95	109.91	109.64	109.64	---	110.04	111.55	110.86	111.12	111.65	111.76
26	110.26	109.84	110.10	109.67	109.76	---	110.08	111.52	110.97	111.40	111.53	111.81
27	110.25	109.97	110.51	109.75	109.72	---	110.04	111.48	111.10	111.43	111.51	111.86
28	110.22	109.89	110.28	109.71	109.64	---	110.18	111.49	111.20	111.34	111.63	111.90
29	110.11	110.01	110.10	109.60	---	---	110.37	111.46	111.31	111.22	111.70	111.80
30	110.10	109.92	110.00	109.62	---	---	110.51	111.55	111.24	111.28	111.63	111.63
31	110.12	---	109.88	109.68	---	109.94	---	111.64	---	111.45	111.56	---
TOTAL	---	3301.38	3405.26	3401.87	3069.53	---	3297.73	3450.29	3330.70	3458.09	3461.50	3350.05
MEAN	---	110.05	109.85	109.74	109.63	---	109.92	111.30	111.02	111.55	111.66	111.67
MAX	---	110.22	110.51	109.99	109.76	---	110.51	111.64	111.53	112.08	111.82	111.90
MIN	---	109.84	109.58	109.60	109.45	---	109.65	110.77	110.69	111.12	111.47	111.43



BARNWELL COUNTY

331037081184301. Local number, BW-349.

LOCATION.--Lat 33°10'42'', long 81°18'55'', Hydrologic Unit 03050207, 245 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from +3 to 1030 ft, 4 in 988 to 1045 ft, depth 1045 ft, cased to 1045 ft, screened interval 1030-1040 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.25 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to current year.

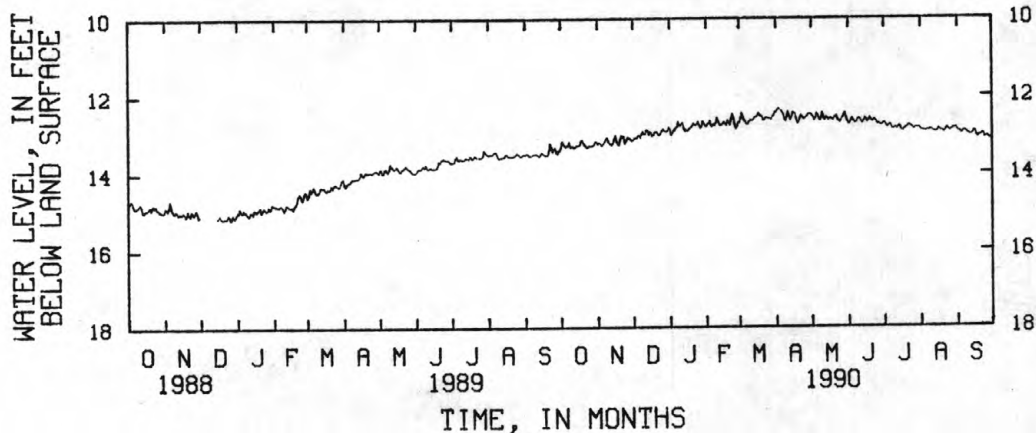
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.34 ft below land-surface datum, Apr. 3, 1990; lowest, 15.19 ft below land-surface datum, Dec. 20, 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.33	13.23	13.14	12.86	12.79	12.69	12.42	12.52	12.73	12.72	12.89	12.92
2	13.18	13.20	13.10	13.00	12.74	12.58	12.37	12.56	12.74	12.73	12.92	12.94
3	13.23	13.21	13.09	12.97	12.73	12.46	12.34	12.64	12.67	12.79	12.92	12.95
4	13.27	13.26	13.10	12.90	12.65	12.56	12.36	12.60	12.60	12.83	12.93	13.00
5	13.31	13.27	13.03	12.87	12.76	12.65	12.40	12.49	12.65	12.80	12.94	12.99
6	13.29	13.23	13.03	12.83	12.79	12.68	12.42	12.51	12.71	12.77	12.92	12.95
7	13.27	13.17	13.08	12.81	12.74	12.74	12.49	12.60	12.71	12.80	12.91	12.94
8	13.19	13.11	12.99	12.68	12.77	12.75	12.61	12.65	12.69	12.86	12.93	12.95
9	13.31	13.07	12.92	12.76	12.71	12.69	12.66	12.59	12.63	12.87	12.90	12.99
10	13.30	13.16	12.97	12.76	12.58	12.65	12.55	12.46	12.61	12.85	12.90	13.01
11	13.30	13.22	12.97	12.72	12.65	12.65	12.43	12.60	12.63	12.85	12.92	13.03
12	13.33	13.24	12.88	12.71	12.74	12.65	12.55	12.64	12.69	12.87	12.96	13.04
13	13.31	13.26	12.89	12.86	12.77	12.62	12.62	12.58	12.73	12.84	12.96	13.04
14	13.28	13.22	12.99	12.91	12.76	12.57	12.56	12.60	12.68	12.80	12.96	13.00
15	13.27	13.10	12.93	12.89	12.73	12.56	12.45	12.64	12.60	12.84	12.95	12.94
16	13.28	13.02	12.95	12.90	12.69	12.53	12.46	12.62	12.64	12.91	12.88	12.95
17	13.24	13.17	13.03	12.88	12.72	12.45	12.48	12.59	12.69	12.94	12.91	13.06
18	13.15	13.23	13.01	12.84	12.77	12.51	12.63	12.63	12.65	12.90	12.93	13.11
19	13.14	13.26	12.94	12.82	12.65	12.53	12.72	12.64	12.59	12.87	12.93	13.08
20	13.21	13.13	12.93	12.78	12.71	12.55	12.70	12.58	12.64	12.85	12.96	13.05
21	13.25	13.03	12.93	12.72	12.76	12.63	12.60	12.57	12.67	12.81	12.97	13.05
22	13.29	13.06	13.00	12.74	12.60	12.63	12.53	12.54	12.67	12.80	12.91	13.01
23	13.33	13.05	13.01	12.76	12.48	12.59	12.57	12.63	12.63	12.80	12.86	13.03
24	13.31	13.21	12.97	12.74	12.58	12.58	12.60	12.67	12.67	12.81	12.88	13.11
25	13.29	13.17	12.91	12.68	12.75	12.59	12.62	12.70	12.73	12.85	12.92	13.10
26	13.29	13.08	12.86	12.76	12.85	12.59	12.58	12.65	12.75	12.88	12.93	13.08
27	13.29	13.10	12.89	12.83	12.79	12.61	12.55	12.58	12.74	12.87	12.90	13.10
28	13.27	13.09	12.91	12.80	12.71	12.62	12.50	12.51	12.77	12.85	12.88	13.14
29	13.24	13.12	12.92	12.67	---	12.55	12.49	12.46	12.78	12.85	12.86	13.14
30	13.18	13.15	12.90	12.72	---	12.51	12.49	12.59	12.76	12.85	12.86	13.12
31	13.18	---	12.82	12.77	---	12.43	---	12.68	---	12.85	12.86	---
MEAN	13.26	13.16	12.97	12.80	12.71	12.59	12.52	12.59	12.68	12.84	12.91	13.03
MAX	13.33	13.27	13.14	13.00	12.85	12.75	12.72	12.70	12.78	12.94	12.97	13.14
MIN	13.14	13.02	12.82	12.67	12.48	12.43	12.34	12.46	12.59	12.72	12.86	12.92

CAL YR 1989 MEAN 13.81 HIGH 12.82 LOW 15.09

WTR YR 1990 MEAN 12.84 HIGH 12.34 LOW 13.33



BARNWELL COUNTY

331039081184201. Local number, BW-350.

LOCATION.--Lat 33°10'45'', long 81°18'54'', Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Tertiary System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from +3 ft to 150 ft, 4 in 113 to 155 ft, depth 170 ft, cased to 170 ft, screened interval 155-165 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.95 ft above land-surface datum.

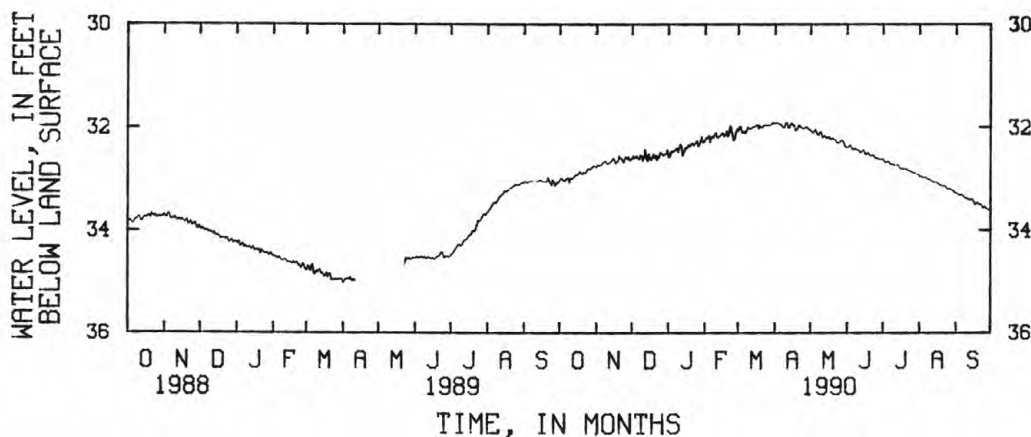
PERIOD OF RECORD.--April 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 31.91 ft below land-surface datum, Mar. 31, Apr. 2, 1990; lowest, 35.04 ft below land-surface datum, Apr. 1, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.03	32.77	32.61	32.57	32.24	32.07	31.93	32.06	32.40	32.62	32.96	33.29
2	32.99	32.73	32.56	32.57	32.21	32.00	31.91	32.08	32.39	32.66	32.96	33.29
3	33.01	32.75	32.60	32.49	32.20	32.00	31.92	32.11	32.36	32.69	32.96	33.30
4	33.03	32.74	32.58	32.46	32.16	32.10	31.93	32.08	32.36	32.69	32.98	33.33
5	33.04	32.73	32.56	32.47	32.28	32.10	31.95	32.05	32.42	32.67	32.98	33.32
6	33.02	32.69	32.59	32.46	32.21	32.08	31.94	32.10	32.43	32.68	32.98	33.32
7	33.00	32.68	32.62	32.43	32.17	32.11	31.98	32.14	32.43	32.72	33.00	33.34
8	32.98	32.66	32.54	32.41	32.19	32.07	32.01	32.15	32.42	32.73	33.01	33.36
9	33.07	32.67	32.56	32.48	32.13	32.01	32.00	32.11	32.44	32.73	33.02	33.38
10	32.99	32.71	32.64	32.40	32.11	32.02	31.92	32.09	32.44	32.73	33.03	33.38
11	32.99	32.70	32.57	32.34	32.18	32.03	31.92	32.19	32.47	32.74	33.05	33.40
12	32.99	32.69	32.45	32.37	32.20	32.02	32.00	32.18	32.50	32.75	33.07	33.41
13	32.96	32.67	32.60	32.55	32.17	32.00	32.01	32.16	32.49	32.74	33.07	33.42
14	32.93	32.64	32.65	32.47	32.15	31.99	31.95	32.20	32.46	32.75	33.08	33.41
15	32.93	32.60	32.53	32.42	32.12	31.99	31.93	32.21	32.46	32.79	33.08	33.41
16	32.92	32.63	32.61	32.41	32.12	31.97	31.96	32.20	32.52	32.81	33.09	33.45
17	32.89	32.70	32.63	32.38	32.17	31.95	31.96	32.20	32.53	32.81	33.11	33.50
18	32.86	32.67	32.59	32.35	32.15	32.02	32.05	32.24	32.51	32.81	33.12	33.49
19	32.89	32.66	32.53	32.37	32.08	31.98	32.05	32.23	32.51	32.82	33.13	33.47
20	32.91	32.57	32.59	32.33	32.17	32.00	32.01	32.22	32.55	32.81	33.15	33.49
21	32.88	32.60	32.55	32.30	32.15	32.01	31.97	32.24	32.56	32.82	33.15	33.51
22	32.89	32.60	32.63	32.35	31.98	31.98	31.98	32.25	32.56	32.84	33.14	33.50
23	32.88	32.64	32.57	32.33	32.00	31.96	32.01	32.29	32.55	32.85	33.16	33.54
24	32.83	32.68	32.59	32.29	32.15	31.96	32.02	32.30	32.59	32.86	33.19	33.57
25	32.81	32.60	32.50	32.26	32.25	31.97	32.03	32.31	32.61	32.88	33.21	33.55
26	32.81	32.58	32.51	32.36	32.22	31.96	32.01	32.28	32.61	32.89	33.21	33.56
27	32.81	32.61	32.54	32.33	32.09	31.97	32.01	32.27	32.61	32.89	33.21	33.59
28	32.78	32.58	32.55	32.26	32.04	31.96	32.00	32.27	32.63	32.90	33.22	33.61
29	32.76	32.64	32.53	32.19	---	31.93	32.04	32.31	32.63	32.91	33.23	33.60
30	32.75	32.61	32.51	32.28	---	31.93	32.04	32.37	32.63	32.92	33.25	33.61
31	32.76	---	32.45	32.28	---	31.91	---	32.39	---	32.93	33.27	---
TOTAL	1020.39	979.80	1009.54	1003.96	900.29	992.05	959.44	998.28	975.07	1016.44	1026.07	1003.40
MEAN	32.92	32.66	32.57	32.39	32.15	32.00	31.98	32.20	32.50	32.79	33.10	33.45
MAX	33.07	32.77	32.65	32.57	32.28	32.11	32.05	32.39	32.63	32.93	33.27	33.61
MIN	32.75	32.57	32.45	32.19	31.98	31.91	31.91	32.05	32.36	32.62	32.96	33.29

WTR YR 1990 TOTAL 11884.73 MEAN 32.56 HIGH 31.91 LOW 33.61



BARNWELL COUNTY

331038081184201. Local number, BW-351.

LOCATION.--Lat 33°10'43'', long 81°18'53'', Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Tertiary System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from +3 ft to 80 ft, 4 in 38 to 95 ft, depth 95 ft, cased to 95 ft, screened interval 80-90 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

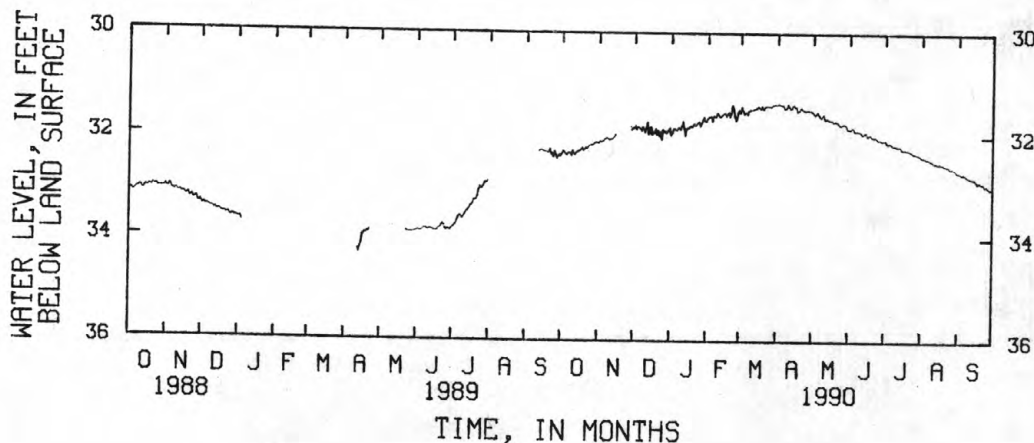
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.35 ft below land-surface datum, Apr. 2, 1990; lowest, 34.32 ft below land-surface datum, Apr. 12, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.36	32.14	31.86	31.98	31.65	31.53	31.37	31.52	31.86	32.07	32.40	32.70
2	32.31	32.10	31.80	31.94	31.63	31.43	31.35	31.55	31.86	32.11	32.40	32.70
3	32.32	32.12	31.87	31.87	31.62	31.48	31.37	31.58	31.83	32.13	32.41	32.71
4	32.36	32.11	31.83	31.85	31.60	31.56	31.37	31.54	31.83	32.13	32.42	32.74
5	32.38	32.10	31.83	31.88	31.70	31.54	31.39	31.52	31.89	32.12	32.43	32.72
6	32.35	32.06	31.85	31.88	31.62	31.53	31.38	31.57	31.89	32.13	32.43	32.73
7	32.34	32.05	31.90	31.84	31.60	31.57	31.44	31.61	31.89	32.16	32.45	32.75
8	32.34	32.03	31.83	31.84	31.61	31.50	31.45	31.62	31.90	32.17	32.46	32.77
9	32.39	32.06	31.86	31.87	31.55	31.47	31.43	31.58	31.90	32.17	32.46	32.78
10	32.30	32.07	31.93	31.80	31.55	31.48	31.36	31.57	31.90	32.18	32.48	32.79
11	32.34	32.07	31.85	31.72	31.60	31.48	31.40	31.66	31.93	32.19	32.50	32.81
12	32.37	32.06	31.74	31.83	31.62	31.47	31.44	31.65	31.95	32.20	32.51	32.81
13	32.33	32.05	31.96	31.98	31.59	31.46	31.44	31.64	31.95	32.19	32.51	32.82
14	32.31	32.02	31.95	31.87	31.57	31.44	31.39	31.67	31.92	32.20	32.52	32.82
15	32.31	31.98	31.83	31.84	31.54	31.44	31.38	31.68	31.93	32.24	32.53	32.82
16	32.29	---	31.97	31.84	31.55	31.41	31.42	31.68	31.98	32.25	32.52	32.86
17	32.27	---	31.95	31.81	31.60	31.43	31.41	31.68	31.98	32.25	32.53	32.90
18	32.23	---	31.93	31.80	31.56	31.46	31.50	31.72	31.96	32.25	32.53	32.89
19	32.28	---	31.87	31.82	31.52	31.40	31.49	31.71	31.97	32.26	32.54	32.88
20	32.27	---	31.96	31.77	31.61	31.46	31.46	31.70	32.01	32.26	32.56	32.90
21	32.23	---	31.90	31.76	31.55	31.43	31.43	31.71	32.01	32.27	32.56	32.91
22	32.25	---	31.99	31.79	31.39	31.41	31.45	31.72	32.01	32.28	32.57	32.91
23	32.23	---	31.92	31.76	31.44	31.40	31.47	31.76	32.01	32.29	32.58	32.95
24	32.19	---	32.06	31.73	31.61	31.40	31.48	31.77	32.04	32.31	32.60	32.96
25	32.18	---	31.88	31.71	31.69	31.40	31.49	31.78	32.06	32.33	32.62	32.95
26	32.18	---	31.91	31.80	31.64	31.40	31.48	31.76	32.06	32.33	32.62	32.97
27	32.17	---	31.91	31.74	31.51	31.41	31.48	31.75	32.06	32.33	32.62	33.00
28	32.15	31.81	31.94	31.68	31.48	31.38	31.47	31.75	32.08	32.34	32.63	33.01
29	32.13	31.88	31.91	31.63	---	31.38	31.50	31.79	32.08	32.35	32.64	33.01
30	32.12	31.84	31.89	31.70	---	31.36	31.50	31.84	32.08	32.36	32.67	33.02
31	32.13	---	31.84	31.71	---	31.37	---	31.85	---	32.37	32.69	---
TOTAL	1000.41	---	988.72	986.04	884.20	974.88	942.99	981.93	958.82	999.22	1008.39	985.59
MEAN	32.27	---	31.89	31.81	31.58	31.45	31.43	31.68	31.96	32.23	32.53	32.85
MAX	32.39	---	32.06	31.98	31.70	31.57	31.50	31.85	32.08	32.37	32.69	33.02
MIN	32.12	---	31.74	31.63	31.39	31.36	31.35	31.52	31.83	32.07	32.40	32.70



GROUND-WATER LEVELS

BARNWELL COUNTY

331044081185301. Local number, BW-352.

LOCATION.--Lat 33°10'44'', long 81°18'53'', Hydrologic Unit 03050207, 100 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Upper Congaree Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 270 ft, 4 in 248-278, 288-293 ft, depth 295 ft, cased to 293 ft, screened interval from 278 to 288 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

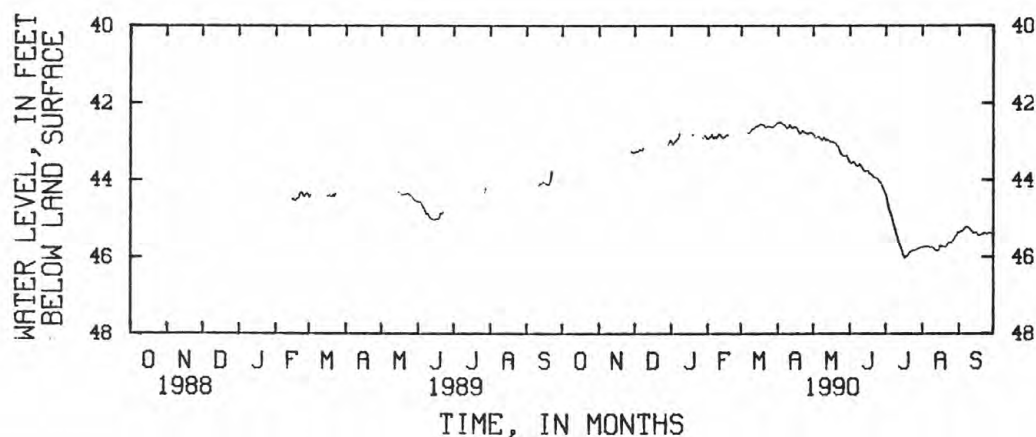
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.77 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 42.50 ft below land-surface datum, Apr. 3, 1990; lowest, 46.03 ft below land-surface datum, July 17, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	43.29	42.99	42.94	---	42.52	42.82	43.55	44.39	45.76	45.37
2	---	---	43.26	43.07	42.90	---	42.52	42.86	43.58	44.49	45.76	45.36
3	---	---	43.26	43.05	42.88	---	42.50	42.91	43.56	44.64	45.74	45.33
4	---	---	43.26	43.00	42.83	---	42.52	42.91	43.54	44.76	45.74	45.34
5	---	---	43.21	42.99	42.89	---	42.55	42.88	43.57	44.86	45.74	45.31
6	---	---	43.22	42.94	42.92	42.78	42.56	42.89	43.63	44.94	45.74	45.26
7	---	---	43.24	42.92	42.88	42.79	42.59	42.93	43.65	45.06	45.75	45.23
8	---	---	43.19	42.80	42.91	42.78	42.64	42.97	43.65	45.19	45.77	45.23
9	---	---	---	---	42.87	42.73	42.66	42.95	43.60	45.29	45.75	45.24
10	---	---	---	---	42.81	42.69	42.63	42.90	43.64	45.40	45.76	45.26
11	---	---	---	---	42.82	42.67	42.57	42.96	43.69	45.49	45.79	45.31
12	---	---	---	---	42.87	42.66	42.63	42.98	43.74	45.61	45.83	45.34
13	---	---	---	---	42.90	42.62	42.66	42.96	43.78	45.69	45.85	45.38
14	---	---	---	---	42.90	42.60	42.65	42.98	43.79	45.76	45.85	45.39
15	---	---	---	---	42.88	42.60	42.62	43.01	43.78	45.85	45.84	45.37
16	---	---	---	---	42.84	42.59	42.64	43.02	43.77	45.96	45.74	45.37
17	---	---	---	---	42.83	42.55	42.65	43.01	43.83	46.03	45.72	45.43
18	---	---	---	---	42.85	42.56	42.73	43.03	43.86	46.02	45.74	45.46
19	---	---	---	42.83	---	42.57	42.79	43.05	43.86	46.00	45.74	45.45
20	---	---	---	---	---	42.58	42.80	43.07	43.90	45.97	45.75	45.43
21	---	---	---	---	---	42.62	42.76	43.11	43.94	45.92	45.75	45.42
22	---	---	---	---	---	42.63	42.73	43.14	43.96	45.88	45.70	45.40
23	---	---	---	---	---	42.61	42.76	43.23	43.96	45.86	45.65	45.38
24	---	---	---	---	---	42.61	42.78	43.30	43.98	45.86	45.64	45.41
25	---	---	---	---	---	42.62	42.80	43.35	44.03	45.84	45.65	45.41
26	---	---	---	---	---	42.62	42.80	43.39	44.07	45.84	45.63	45.40
27	---	---	---	42.89	---	42.63	42.80	43.39	44.09	45.82	45.59	45.38
28	---	43.27	---	42.92	---	42.63	42.79	43.39	44.16	45.81	45.54	45.40
29	---	43.28	43.10	42.85	---	42.60	42.78	43.36	44.24	45.80	45.49	45.41
30	---	43.29	43.05	42.87	---	42.58	42.80	43.44	44.31	45.78	45.46	45.39
31	---	---	42.98	42.92	---	42.53	---	43.51	---	45.76	45.37	---
MEAN	---	---	---	---	---	---	42.67	43.09	43.82	45.53	45.70	45.36
MAX	---	---	---	---	---	---	42.80	43.51	44.31	46.03	45.85	45.46
MIN	---	---	---	---	---	---	42.50	42.82	43.54	44.39	45.37	45.23



GROUND-WATER LEVELS

BARNWELL COUNTY

331043081185401. Local number, BW-353.

LOCATION.--Lat 33°10'43'', long 81°18'54'', Hydrologic Unit 03050207, 150 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Pee Dee Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 565 ft, 4 in 543-573, 583-588 ft, depth 590 ft, cased to 588 ft, screened interval from 573 to 583 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

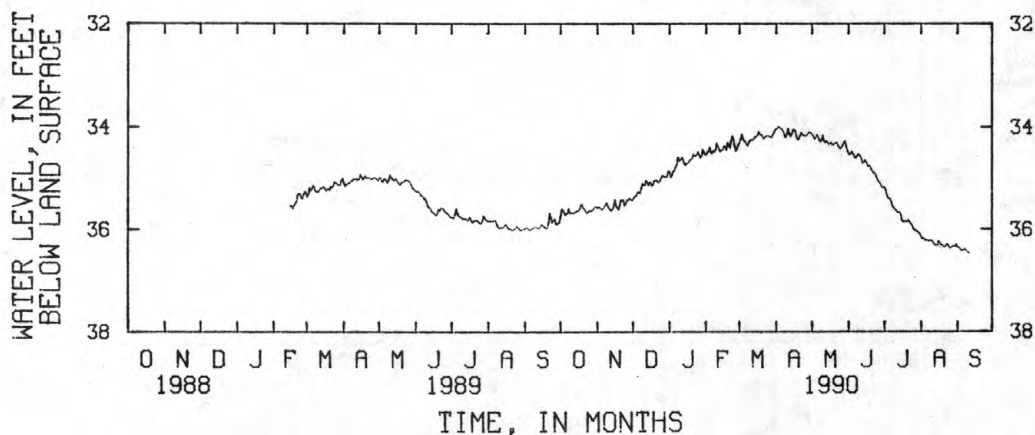
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.94 (Revised) ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 33.99 ft below land-surface datum, Apr. 3, 1990; lowest, 36.49 ft below land-surface datum, Sept. 11, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.78	35.59	35.42	34.89	34.55	34.32	34.04	34.14	34.53	35.19	36.15	36.36
2	35.61	35.57	35.38	34.98	34.50	34.24	34.02	34.18	34.55	35.23	36.19	36.38
3	35.63	35.57	35.35	34.95	34.48	34.15	33.99	34.24	34.52	35.33	36.19	36.39
4	35.67	35.61	35.35	34.88	34.40	34.22	34.01	34.22	34.49	35.39	36.21	36.43
5	35.72	35.62	35.28	34.85	34.49	34.27	34.03	34.16	34.54	35.40	36.23	36.44
6	35.71	35.60	35.27	34.79	34.52	34.29	34.05	34.18	34.60	35.42	36.22	36.42
7	35.68	35.56	35.30	34.75	34.47	34.35	34.09	34.25	34.61	35.48	36.23	36.41
8	35.61	35.52	35.20	34.60	34.49	34.36	34.18	34.29	34.59	35.56	36.25	36.42
9	35.68	35.48	35.11	34.66	34.44	34.30	34.21	34.26	34.54	35.60	36.22	36.45
10	35.68	35.55	35.14	34.65	34.33	34.26	34.14	34.17	34.55	35.62	36.23	36.47
11	35.68	35.59	35.14	34.62	34.37	34.25	34.04	34.28	34.59	35.64	36.26	36.49
12	35.69	35.62	35.06	34.59	34.44	34.26	34.13	34.31	34.65	35.68	36.30	---
13	35.68	35.64	35.07	34.71	34.48	34.23	34.18	34.28	34.71	35.69	36.32	---
14	35.66	35.61	35.14	34.75	34.46	34.20	34.14	34.30	34.69	35.68	36.33	---
15	35.65	35.52	35.09	34.73	34.43	34.19	34.06	34.33	34.66	35.73	36.33	---
16	35.65	35.43	35.09	34.72	34.38	34.17	34.06	34.33	34.70	35.83	36.26	---
17	35.62	35.54	35.15	34.70	34.39	34.10	34.08	34.31	34.77	35.87	36.29	---
18	35.54	35.59	35.13	34.66	34.44	34.13	34.18	34.35	34.77	35.85	36.31	---
19	35.51	35.62	35.06	34.64	34.31	34.15	34.25	34.35	34.77	35.86	36.32	---
20	35.58	35.52	35.05	34.62	34.36	34.16	34.24	34.33	34.83	35.86	36.35	---
21	35.61	35.44	35.04	34.54	34.41	34.22	34.17	34.32	34.88	35.83	36.37	---
22	35.64	35.45	35.08	34.56	34.27	34.22	34.12	34.30	34.91	35.86	36.34	---
23	35.68	35.42	35.09	34.57	34.18	34.19	34.15	34.37	34.91	35.88	36.30	---
24	35.67	35.53	35.05	34.54	34.24	34.18	34.17	34.40	34.96	35.92	36.32	---
25	35.65	35.51	34.99	34.49	34.38	34.18	34.18	34.43	35.02	35.97	36.36	---
26	35.64	35.44	34.95	34.53	34.47	34.18	34.17	34.41	35.07	36.02	36.38	---
27	35.64	35.43	34.97	34.60	34.43	34.20	34.15	34.36	35.09	36.03	36.37	---
28	35.63	35.40	34.97	34.57	34.35	34.21	34.11	34.31	35.14	36.04	36.35	---
29	35.60	35.41	34.98	34.45	---	34.15	34.11	34.28	35.18	36.06	36.34	---
30	35.57	35.44	34.96	34.48	---	34.12	34.12	34.39	35.20	36.08	36.35	---
31	35.56	---	34.87	34.53	---	34.06	---	34.47	---	36.09	36.31	---
MEAN	35.64	35.53	35.12	34.66	34.41	34.21	34.12	34.30	34.77	35.73	36.29	---
MAX	35.78	35.64	35.42	34.98	34.55	34.36	34.25	34.47	35.20	36.09	36.38	---
MIN	35.51	35.40	34.87	34.45	34.18	34.06	33.99	34.14	34.49	35.19	36.15	---



BARNWELL COUNTY

331044081185401. Local number, BW-354.

LOCATION.--Lat 33°10'44'', long 81°18'54'', Hydrologic Unit 03050207, 100 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Lower Congaree Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 390 ft, 4 in 366-390, 406-411 ft, depth 415 ft, cased to 411 ft, screened interval from 396 to 406 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

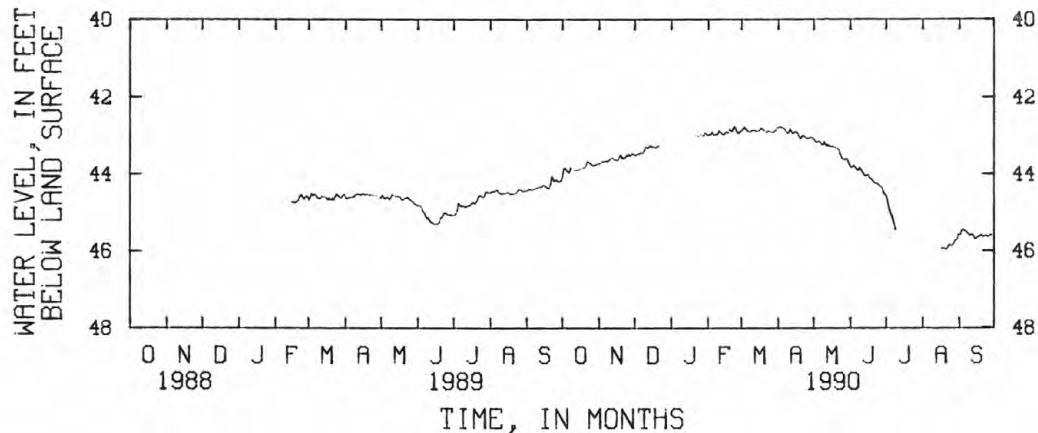
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.04 (Revised) ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 42.78 ft below land-surface datum, Feb. 23, Mar. 3, Apr. 3, 1990; lowest, 45.98 ft below land-surface datum, Aug. 20, 21, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.09	43.74	43.52	---	43.01	42.89	42.80	43.11	43.82	44.59	---	45.60
2	43.88	43.72	43.51	---	42.98	42.85	42.79	43.14	43.85	44.68	---	45.59
3	43.86	43.70	43.50	---	42.98	42.78	42.78	43.18	43.83	44.82	---	45.49
4	43.88	43.68	43.48	---	42.92	42.82	42.80	43.18	43.80	44.95	---	45.47
5	43.93	43.69	43.49	---	42.96	42.86	42.82	43.16	43.84	45.04	---	45.48
6	43.96	43.68	43.45	---	43.00	42.88	42.84	43.17	43.89	45.11	---	45.49
7	43.96	43.67	43.45	---	42.97	42.91	42.87	43.20	43.92	45.23	---	45.52
8	43.86	43.68	43.47	---	42.98	42.93	42.93	43.25	43.92	45.34	---	45.56
9	---	43.66	43.40	---	42.96	42.89	42.96	43.25	43.86	45.46	---	45.59
10	---	43.63	43.32	---	42.89	42.87	42.93	43.18	43.91	---	---	45.62
11	43.90	43.59	43.32	---	42.91	42.87	42.86	43.24	43.96	---	---	45.60
12	43.90	43.59	43.34	---	42.95	42.87	42.91	43.28	44.01	---	---	45.60
13	43.90	43.61	43.30	---	42.97	42.89	42.95	43.26	44.06	---	---	45.63
14	43.90	43.63	43.27	---	42.97	42.90	42.95	43.27	44.08	---	---	45.69
15	43.89	43.64	43.31	---	42.96	42.89	42.91	43.30	44.05	---	---	45.70
16	43.87	43.65	43.30	---	42.93	42.88	42.92	43.31	44.05	---	---	45.67
17	43.86	43.63	43.30	---	42.91	42.83	42.95	43.30	44.11	---	45.95	45.65
18	43.85	43.55	43.32	---	42.94	42.83	43.01	43.31	44.14	---	45.96	45.64
19	43.85	43.50	43.32	---	42.85	42.86	43.07	43.33	44.15	---	45.96	45.60
20	43.84	43.58	43.29	43.06	42.87	42.87	43.08	43.34	44.19	---	45.98	45.63
21	43.77	43.59	43.28	43.01	42.91	42.91	43.04	43.36	44.24	---	45.98	45.65
22	43.69	43.61	---	43.01	42.83	42.92	43.01	43.38	44.26	---	45.93	45.63
23	43.70	43.58	---	43.02	42.78	42.90	43.04	43.48	44.26	---	45.88	45.62
24	43.73	43.52	---	43.01	42.81	42.90	43.06	43.56	44.28	---	45.87	45.63
25	43.75	43.54	---	42.98	42.90	42.91	43.08	43.62	44.31	---	45.88	45.65
26	43.78	43.49	---	42.98	42.96	42.91	43.08	43.64	44.34	---	45.87	45.63
27	43.80	43.54	---	43.02	42.94	42.92	43.08	43.65	44.36	---	45.83	45.61
28	43.78	43.50	---	43.01	42.90	42.93	43.07	43.64	44.39	---	45.78	45.61
29	43.76	43.48	---	42.95	---	42.89	43.06	43.62	44.51	---	45.74	---
30	43.76	43.50	---	42.95	---	42.87	43.08	43.70	44.55	---	45.71	---
31	43.75	---	---	42.98	---	42.81	---	43.77	---	---	45.60	---
MEAN	---	43.61	---	---	42.93	42.88	42.96	43.36	44.10	---	---	---
MAX	---	43.74	---	---	43.01	42.93	43.08	43.77	44.55	---	---	---
MIN	---	43.48	---	---	42.78	42.78	42.78	43.11	43.80	---	---	---



GROUND-WATER LEVELS

BARNWELL COUNTY

331044081185501. Local number, BW-355.

LOCATION.--Lat 33°10'44'', long 81°18'55'', Hydrologic Unit 03050207, 150 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Upper Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 670 ft, 4 in 654-686, 696-701 ft, depth 701 ft, cased to 701 ft, screened interval from 686 to 696 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.97 ft above land-surface datum.

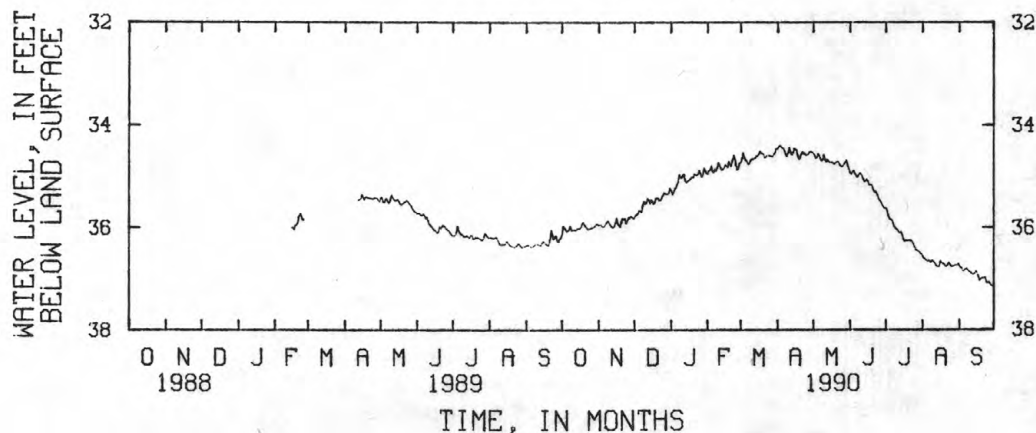
PERIOD OF RECORD.--February 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 34.40 ft below land-surface datum, Apr. 3, 1990; lowest, 37.16 ft below land-surface datum, Sept. 29, 30 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.14	35.96	35.81	35.26	34.95	34.74	34.46	34.56	34.94	35.63	36.58	36.77
2	35.98	35.95	35.77	35.35	34.90	34.66	34.43	34.59	34.97	35.67	36.62	36.80
3	36.00	35.95	35.74	35.31	34.88	34.56	34.40	34.65	34.93	35.77	36.63	36.81
4	36.04	35.98	35.74	35.25	34.81	34.63	34.42	34.64	34.90	35.83	36.65	36.86
5	36.08	35.99	35.67	35.22	34.90	34.69	34.45	34.57	34.95	35.85	36.67	36.86
6	36.07	35.97	35.66	35.16	34.93	34.71	34.46	34.59	35.00	35.86	36.66	36.83
7	36.05	35.93	35.70	35.11	34.87	34.76	34.51	34.66	35.02	35.91	36.67	36.82
8	35.98	35.89	35.58	34.97	34.90	34.77	34.59	34.71	35.00	35.99	36.70	36.84
9	36.05	35.87	35.49	35.02	34.84	34.71	34.62	34.68	34.95	36.02	36.66	36.87
10	36.05	35.93	35.53	35.02	34.74	34.67	34.55	34.59	34.96	36.04	36.67	36.89
11	36.05	35.97	35.52	34.98	34.78	34.67	34.45	34.69	35.00	36.06	36.70	36.91
12	36.06	35.99	35.44	34.96	34.84	34.67	34.54	34.73	35.06	36.10	36.75	36.93
13	36.05	36.01	35.45	35.09	34.88	34.65	34.59	34.69	35.11	36.11	36.77	36.93
14	36.03	35.98	35.52	35.12	34.87	34.61	34.55	34.72	35.10	36.10	36.78	36.91
15	36.02	35.90	35.46	35.10	34.84	34.61	34.47	34.75	35.07	36.15	36.78	36.87
16	36.02	35.82	35.48	35.09	34.79	34.58	34.48	34.75	35.10	36.24	36.68	36.88
17	35.99	35.93	35.53	35.06	34.80	34.51	34.49	34.73	35.17	36.28	36.69	36.97
18	35.92	35.96	35.51	35.03	34.84	34.54	34.60	34.76	35.18	36.26	36.72	37.04
19	35.90	35.99	35.43	35.03	34.72	34.56	34.67	34.77	35.17	36.27	36.73	37.02
20	35.95	35.89	35.43	35.02	34.77	34.57	34.65	34.74	35.23	36.27	36.76	37.00
21	35.98	35.83	35.42	34.95	34.81	34.63	34.58	34.73	35.29	36.25	36.78	37.01
22	36.01	35.84	35.47	34.97	34.68	34.63	34.53	34.72	35.32	36.27	36.74	36.99
23	36.04	35.82	35.47	34.98	34.60	34.60	34.56	34.78	35.31	36.28	36.70	37.00
24	36.03	35.92	35.42	34.95	34.66	34.59	34.58	34.81	35.37	36.32	36.73	37.08
25	36.02	35.88	35.37	34.89	34.79	34.60	34.60	34.83	35.44	36.38	36.77	37.09
26	36.01	35.82	35.32	34.94	34.88	34.60	34.58	34.81	35.48	36.44	36.78	37.07
27	36.01	35.82	35.34	35.01	34.83	34.61	34.57	34.77	35.51	36.46	36.77	37.11
28	35.99	35.78	35.34	34.97	34.76	34.62	34.53	34.73	35.56	36.47	36.76	37.15
29	35.97	35.80	35.35	34.86	---	34.57	34.52	34.69	35.61	36.49	36.75	37.16
30	35.94	35.82	35.32	34.89	---	34.54	34.53	34.80	35.63	36.51	36.75	37.16
31	35.93	---	35.24	34.94	---	34.47	---	34.87	---	36.53	36.72	---
MEAN	36.01	35.91	35.50	35.05	34.82	34.62	34.53	34.71	35.18	36.16	36.71	36.95
MAX	36.14	36.01	35.81	35.35	34.95	34.77	34.67	34.87	35.63	36.53	36.78	37.16
MIN	35.90	35.78	35.24	34.86	34.60	34.47	34.40	34.56	34.90	35.63	36.58	36.77

WTR YR 1990 MEAN 35.52 HIGH 34.40 LOW 37.16



BARNWELL COUNTY

331043081185601. Local number, BW-356.

LOCATION.--Lat 33°10'43'', long 81°18'56'', Hydrologic Unit 03050207, 200 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Lower Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 910 ft, 4 in 878-914, 924-929 ft, depth 929 ft, cased to 929 ft, screened interval from 914 to 924 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

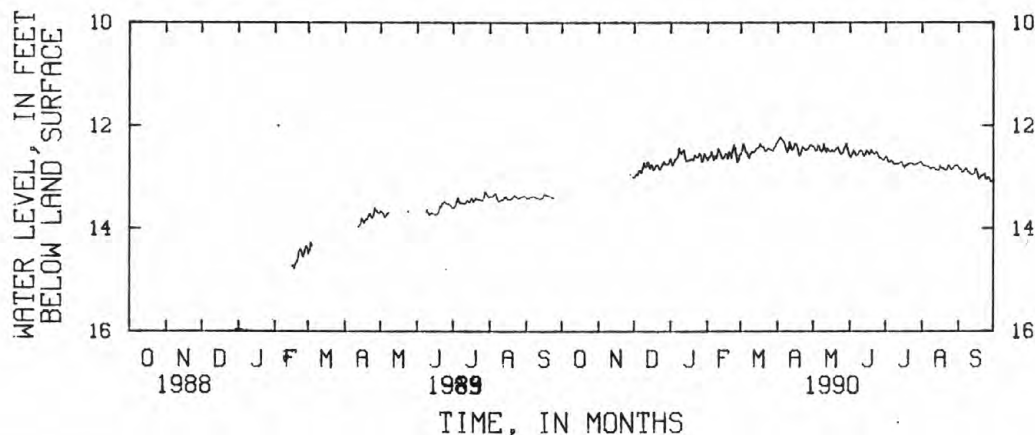
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.82 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to September 1989.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 12.22 ft below land-surface datum, Apr. 3, 1990; lowest, 14.80 ft below land-surface datum, Feb. 17, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	13.01	12.64	12.67	12.55	12.31	12.40	12.60	12.62	12.74	12.82
2	---	---	12.97	12.77	12.62	12.48	12.27	12.43	12.61	12.61	12.78	12.85
3	---	---	12.93	12.75	12.60	12.35	12.22	12.49	12.55	12.69	12.78	12.85
4	---	---	12.96	12.69	12.51	12.43	12.25	12.49	12.49	12.72	12.79	12.91
5	---	---	12.88	12.66	12.58	12.50	12.28	12.39	12.52	12.70	12.80	12.91
6	---	---	12.87	12.63	12.67	12.53	12.31	12.40	12.58	12.68	12.80	12.87
7	---	---	12.92	12.60	12.61	12.59	12.36	12.47	12.58	12.71	12.81	12.84
8	---	---	12.83	12.45	12.64	12.63	12.46	12.51	12.56	12.75	12.85	12.85
9	---	---	12.73	12.53	12.58	12.56	12.52	12.48	12.50	12.76	12.84	12.90
10	---	---	12.79	12.54	12.46	12.52	12.44	12.36	12.49	12.75	12.82	12.92
11	---	---	12.80	12.51	12.49	12.51	12.32	12.46	12.50	12.75	12.82	12.94
12	---	---	12.72	12.47	12.56	12.52	12.42	12.51	12.56	12.75	12.85	12.96
13	---	---	12.71	12.63	12.63	12.49	12.47	12.45	12.60	12.74	12.87	12.96
14	---	---	12.82	12.69	12.64	12.45	12.45	12.48	12.56	12.71	12.87	12.94
15	---	---	12.77	12.68	12.61	12.44	12.36	12.50	12.49	12.72	12.88	12.86
16	---	---	12.78	12.68	12.55	12.42	12.35	12.50	12.50	12.78	12.80	12.85
17	---	---	12.86	12.67	12.56	12.36	12.37	12.47	12.56	12.82	12.81	12.95
18	---	---	12.84	12.64	12.64	12.39	12.46	12.50	12.54	12.78	12.84	13.04
19	---	---	12.78	12.66	12.52	12.41	12.58	12.51	12.48	12.78	12.84	13.02
20	---	---	12.77	12.67	12.56	12.41	12.57	12.47	12.51	12.76	12.86	12.98
21	---	---	12.77	12.58	12.63	12.48	12.49	12.45	12.55	12.74	12.88	12.98
22	---	---	12.83	12.60	12.48	12.50	12.42	12.42	12.55	12.74	12.85	12.95
23	---	---	12.85	12.62	12.38	12.47	12.45	12.50	12.51	12.74	12.78	12.94
24	---	---	12.80	12.61	12.43	12.45	12.47	12.53	12.54	12.75	12.79	13.04
25	---	---	12.75	12.54	12.57	12.46	12.48	12.56	12.60	12.77	12.84	13.04
26	---	---	12.70	12.57	12.71	12.46	12.46	12.53	12.63	12.77	12.85	13.01
27	---	12.95	12.74	12.70	12.68	12.48	12.44	12.46	12.63	12.76	12.84	13.03
28	---	12.94	12.74	12.68	12.58	12.50	12.39	12.41	12.66	12.74	12.80	13.09
29	---	12.96	12.76	12.55	---	12.43	12.39	12.35	12.68	12.74	12.78	13.10
30	---	13.01	12.74	12.58	---	12.41	12.39	12.46	12.66	12.72	12.78	13.07
31	---	---	12.67	12.63	---	12.34	---	12.54	---	12.71	12.77	---
MEAN	---	---	12.81	12.62	12.58	12.47	12.40	12.47	12.56	12.73	12.82	12.95
MAX	---	---	13.01	12.77	12.71	12.63	12.58	12.56	12.68	12.82	12.88	13.10
MIN	---	---	12.67	12.45	12.38	12.34	12.22	12.35	12.48	12.61	12.74	12.82



GROUND-WATER LEVELS

BARNWELL COUNTY

331916081242801. Local number, BW-359.

LOCATION.--Lat 33°19'16'', long 81°24'28'', Hydrologic Unit 03050207, on logging road, approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi east of U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Congaree Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 190 ft, 4 in 169-199, 209-214 ft, depth 214 ft, cased to 214 ft, screened interval from 199 to 209 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

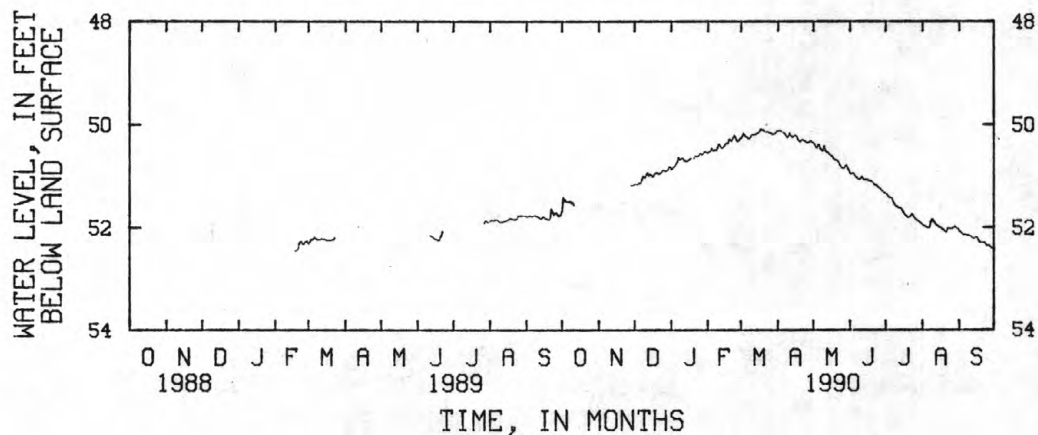
DATUM.--Land-surface datum is 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.57 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 50.09 ft below land-surface datum, Mar. 18, 1990; lowest, 52.47 ft below land-surface datum, Feb. 18, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.69	---	51.17	50.87	50.55	50.27	50.13	50.36	50.95	51.35	51.95	52.08
2	51.42	---	51.16	50.86	50.53	50.22	50.12	50.39	50.97	51.37	51.98	52.10
3	51.46	---	51.17	50.83	50.52	50.18	50.12	50.44	50.96	51.40	51.98	52.12
4	51.49	---	51.15	50.81	50.47	50.21	50.13	50.46	50.96	51.42	52.00	52.15
5	51.50	---	51.14	50.77	50.50	50.23	50.15	50.40	51.00	51.43	52.01	52.15
6	51.50	---	51.15	50.73	50.51	50.24	50.16	50.40	51.03	51.44	52.02	52.15
7	51.50	---	51.08	50.65	50.49	50.27	50.18	50.47	51.05	51.49	52.01	52.16
8	51.49	---	51.01	50.68	50.50	50.27	50.23	50.51	51.07	51.54	51.90	52.17
9	51.52	---	51.03	50.67	50.46	50.23	50.25	50.51	51.08	51.58	51.85	52.17
10	51.52	---	51.03	50.66	50.39	50.20	50.22	50.43	51.06	51.60	51.87	52.18
11	51.56	---	50.97	50.65	50.40	50.20	50.17	50.51	51.02	51.61	51.90	52.20
12	---	---	50.94	50.70	50.44	50.20	50.22	50.54	51.05	51.63	51.94	52.21
13	---	---	50.99	50.72	50.46	50.19	50.25	50.54	51.08	51.63	51.97	52.22
14	---	---	50.97	50.71	50.44	50.17	50.24	50.57	51.08	51.63	51.98	52.22
15	---	---	50.98	50.71	50.41	50.16	50.21	50.60	51.08	51.67	52.00	52.20
16	---	---	51.01	50.69	50.37	50.15	50.22	50.62	51.09	51.72	52.01	52.21
17	---	---	51.00	50.67	50.36	50.10	50.23	50.63	51.10	51.76	52.03	52.26
18	---	---	50.95	50.66	50.37	50.09	50.29	50.67	51.11	51.78	52.05	52.30
19	---	---	50.94	---	50.29	50.11	50.33	50.69	51.11	51.80	52.06	52.30
20	---	---	50.94	50.66	50.31	50.11	50.33	50.70	51.13	51.81	52.09	52.30
21	---	---	50.96	50.62	50.32	50.14	50.31	50.71	51.17	51.81	52.11	52.31
22	---	---	50.96	50.62	50.26	50.15	50.30	50.73	51.19	51.79	52.04	52.30
23	---	---	50.94	50.62	50.21	50.14	50.32	50.79	51.18	51.75	52.02	52.32
24	---	---	50.91	50.61	50.24	50.15	50.33	50.82	51.21	51.78	52.04	52.36
25	---	---	50.89	50.57	50.30	50.16	50.35	50.85	51.23	51.82	52.03	52.36
26	---	---	50.90	50.56	50.33	50.16	50.35	50.86	51.25	51.84	52.04	52.36
27	---	---	50.90	50.59	50.32	50.18	50.35	50.86	51.27	51.86	52.01	52.38
28	---	51.18	50.90	50.57	50.28	50.19	50.34	50.82	51.30	51.88	51.99	52.41
29	---	51.19	50.89	50.53	---	50.17	50.32	50.80	51.31	51.89	52.01	52.41
30	---	51.18	50.84	50.53	---	50.16	50.34	50.86	51.34	51.91	52.03	52.41
31	---	---	50.82	50.55	---	50.13	---	50.90	---	51.93	52.03	---
MEAN	---	---	50.99	---	50.39	50.18	50.25	50.63	51.11	51.67	52.00	52.25
MAX	---	---	51.17	---	50.55	50.27	50.35	50.90	51.34	51.93	52.11	52.41
MIN	---	---	50.82	---	50.21	50.09	50.12	50.36	50.95	51.35	51.85	52.08



BARNWELL COUNTY

331915081242801. Local number, BW-360.

LOCATION.--Lat 33°19'15'', long 81°24'28'', Hydrologic Unit 03050207, on logging road, approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi east of U.S. Highway 278.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Dry Branch Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 115 ft, 4 in 92-125, 134-140 ft, depth 140 ft, cased to 140 ft, screened interval from 125 to 134 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

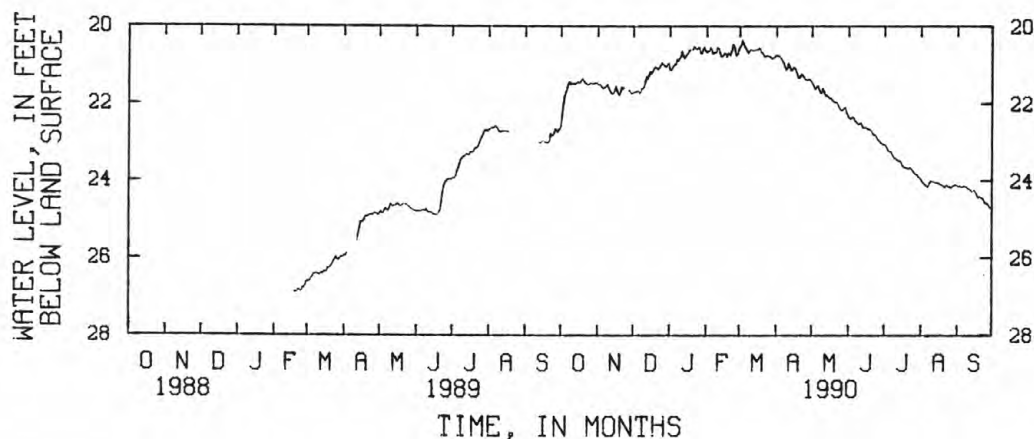
DATUM.--Land-surface datum is 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.56 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 20.36 ft below land-surface datum, Mar. 3, 1990; lowest, 26.92 ft below land-surface datum, Feb. 19, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.58	21.51	21.73	21.12	20.67	20.54	20.76	21.47	22.37	23.08	24.00	24.15
2	22.24	21.51	21.69	21.13	20.65	20.49	20.77	21.52	22.40	23.10	24.05	24.16
3	21.99	21.51	21.72	21.07	20.63	20.36	20.75	21.60	22.39	23.16	24.07	24.15
4	21.81	21.57	21.69	21.02	20.56	20.43	20.79	21.63	22.35	23.22	24.11	24.17
5	21.69	21.60	21.69	20.98	20.61	20.53	20.84	21.57	22.38	23.24	24.14	24.18
6	21.59	21.61	21.74	20.98	20.71	20.58	20.90	21.55	22.45	23.25	24.16	24.16
7	21.50	21.58	21.71	20.86	20.68	20.63	20.95	21.64	22.49	23.29	24.17	24.15
8	21.44	21.55	21.62	20.89	20.68	20.69	21.05	21.72	22.52	23.36	24.07	24.17
9	21.48	21.51	21.61	20.84	20.67	20.65	21.12	21.73	22.55	23.41	24.03	24.19
10	21.49	21.59	21.57	20.77	20.56	20.60	21.09	21.62	22.54	23.43	24.03	24.21
11	21.48	21.67	21.42	20.65	20.57	20.60	20.97	21.70	22.51	23.45	24.03	24.24
12	21.50	21.72	21.30	20.75	20.67	20.62	21.04	21.79	22.58	23.48	24.05	24.26
13	21.49	21.75	21.35	20.82	20.76	20.62	21.13	21.79	22.63	23.50	24.06	24.29
14	21.46	21.75	21.27	20.79	20.77	20.60	21.14	21.81	22.64	23.49	24.06	24.29
15	21.45	21.67	21.18	20.74	20.75	20.60	21.08	21.85	22.62	23.53	24.08	24.26
16	21.46	21.57	21.22	20.70	20.70	20.61	21.07	21.88	22.64	23.61	24.09	24.28
17	21.44	21.67	21.18	20.64	20.70	20.56	21.11	21.87	22.67	23.65	24.10	24.36
18	21.38	21.74	21.10	20.61	20.79	20.59	21.20	21.92	22.69	23.67	24.12	24.43
19	21.36	21.78	21.05	---	20.70	20.67	21.32	21.96	22.68	23.68	24.13	24.44
20	21.42	21.70	21.06	20.60	20.70	20.68	21.35	21.97	22.72	23.69	24.16	24.43
21	21.46	21.59	21.08	20.53	20.75	20.75	21.30	21.97	22.79	23.70	24.19	24.45
22	21.48	21.62	21.11	20.54	20.63	20.78	21.25	21.99	22.82	23.69	24.14	24.47
23	21.51	21.59	21.06	20.58	20.48	20.77	21.27	22.06	22.82	23.68	24.13	24.50
24	21.51	---	21.01	20.59	20.48	20.76	21.32	22.12	22.86	23.71	24.17	24.58
25	21.48	---	20.94	20.55	20.62	20.77	21.38	22.17	22.92	23.76	24.17	24.60
26	21.48	---	20.98	20.56	20.75	20.78	21.39	22.19	22.96	23.81	24.20	24.60
27	21.48	21.66	21.00	20.69	20.73	20.81	21.40	22.16	22.99	23.84	24.18	24.64
28	21.49	21.67	21.04	20.70	20.62	20.84	21.39	22.12	23.03	23.85	24.14	24.69
29	21.48	21.74	21.04	20.59	---	20.82	21.37	22.11	23.06	23.88	24.14	24.71
30	21.46	21.74	20.98	20.55	---	20.81	21.42	22.24	23.07	23.92	24.12	24.71
31	21.46	---	20.96	20.62	---	20.76	---	22.32	---	23.95	24.12	---
MEAN	21.57	---	21.29	---	20.66	20.65	21.13	21.87	22.67	23.55	24.11	24.36
MAX	22.58	---	21.74	---	20.79	20.84	21.42	22.32	23.07	23.95	24.20	24.71
MIN	21.36	---	20.94	---	20.48	20.36	20.75	21.47	22.35	23.08	24.00	24.15



GROUND-WATER LEVELS

BEAUFORT COUNTY

321005080442705. Local number, BFT-101.

LOCATION.--Lat 32°10'05'', long 80°44'27'', Hydrologic Unit 03050208, 300 ft west of U.S. Highway 278, approximately 1.5 mi northeast of Sea Pines Circle, Hilton Head.

OWNER.--U.S. Geological Survey.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 470 ft, cased to 129 ft, open hole 129 to 470 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 13.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.8 ft above land-surface datum.

REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.

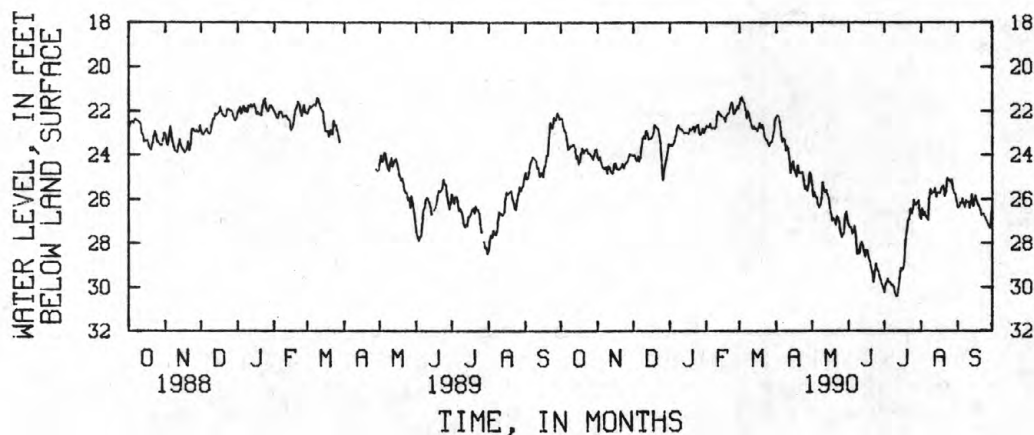
PERIOD OF RECORD.--October 1983 to current year. Records from Jan. 1955 to Sept. 1983 are unpublished but are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 19.22 ft below land-surface datum, Feb. 22, 1984; lowest, 30.42 ft below land-surface datum, July 11, 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.33	24.10	24.03	23.57	22.70	21.69	22.27	25.38	27.16	30.26	26.89	26.36
2	22.34	24.22	23.98	23.51	22.71	21.42	22.19	25.89	27.29	29.91	26.44	26.37
3	22.70	24.09	24.16	23.58	22.75	21.35	22.23	25.72	27.29	29.78	26.71	26.19
4	22.88	24.38	24.25	23.49	22.57	21.54	22.53	25.90	27.57	29.63	26.61	26.19
5	22.95	24.54	24.07	23.34	22.77	21.64	23.10	25.95	27.53	29.78	26.76	25.99
6	23.32	24.59	24.28	23.10	22.78	21.95	23.39	26.26	27.25	29.79	26.87	26.21
7	23.74	24.63	24.13	22.77	22.73	22.33	23.28	26.38	27.71	29.95	26.97	26.37
8	23.69	24.55	23.61	22.64	22.79	22.01	23.32	26.27	28.51	29.90	25.89	26.07
9	23.63	24.83	23.23	22.78	22.69	22.15	23.81	25.95	28.34	30.02	25.55	26.16
10	23.60	24.51	23.14	22.81	22.21	22.44	23.64	25.25	28.47	30.28	25.75	26.11
11	23.55	24.57	23.25	22.85	22.00	22.66	23.71	25.61	28.09	30.42	25.69	26.41
12	23.55	24.74	22.89	22.90	22.10	22.83	24.21	25.68	27.97	30.42	25.64	26.10
13	23.72	24.80	23.00	23.00	22.18	22.72	24.82	25.59	28.14	30.08	25.49	25.79
14	24.16	24.83	23.31	22.98	22.24	22.83	24.45	25.81	28.42	29.59	25.90	26.32
15	24.07	24.41	23.26	23.01	22.28	22.79	24.30	25.96	28.63	29.15	25.72	26.05
16	24.40	24.37	23.25	22.98	22.34	22.93	24.68	26.42	28.33	29.23	25.69	25.86
17	24.33	24.60	23.16	23.04	22.50	22.76	24.81	26.68	28.37	29.14	25.73	26.09
18	23.94	24.64	23.01	22.81	22.20	22.57	24.97	26.99	28.74	28.73	25.52	26.25
19	23.72	24.68	22.62	22.87	22.10	22.77	24.50	26.90	28.83	27.83	25.41	26.32
20	23.90	24.61	22.70	22.81	22.10	22.63	24.81	26.99	29.14	27.45	25.37	26.48
21	23.80	24.54	22.74	22.71	21.86	22.79	24.82	27.17	29.38	26.99	25.86	26.74
22	23.78	24.41	22.84	22.95	21.62	23.17	24.83	26.80	29.80	26.90	25.65	26.71
23	23.73	24.58	23.12	22.76	21.64	23.31	24.80	26.86	29.33	26.44	25.04	26.69
24	23.91	24.44	23.46	22.67	22.13	23.35	25.18	27.05	28.93	26.64	25.09	26.82
25	23.93	24.36	24.26	22.59	22.10	23.49	25.55	27.51	29.18	26.47	25.11	26.96
26	24.02	24.29	25.13	23.02	21.96	23.60	25.43	27.74	29.29	26.04	25.21	27.08
27	24.08	24.12	24.70	23.08	21.79	23.46	25.63	27.64	29.52	26.23	25.12	27.20
28	24.21	23.96	24.42	22.99	21.90	23.40	25.34	27.57	29.71	26.26	25.54	27.33
29	24.01	24.02	24.19	22.79	---	23.16	24.80	26.70	29.90	26.16	25.73	27.07
30	23.78	23.99	23.87	23.00	---	22.92	24.89	26.59	30.02	26.06	25.78	26.57
31	23.74	---	23.51	22.83	---	22.39	---	27.01	---	26.74	26.10	---
TOTAL	733.51	733.40	731.57	712.23	623.74	701.05	726.29	820.22	856.84	882.27	800.83	792.86
MEAN	23.66	24.45	23.60	22.98	22.28	22.61	24.21	26.46	28.56	28.46	25.83	26.43
MAX	24.40	24.83	25.13	23.58	22.79	23.60	25.63	27.74	30.02	30.42	26.97	27.33
MIN	22.33	23.96	22.62	22.59	21.62	21.35	22.19	25.25	27.16	26.04	25.04	25.79

WTR YR 1990 TOTAL 9114.81 MEAN 24.97 HIGH 21.35 LOW 30.42



BEAUFORT COUNTY

322745080435800. Local number, BFT-121.

LOCATION.--Lat 32°27'48'', long 80°44'05'', Hydrologic Unit 03050208, Military reservation, 100 ft east of U.S. 21, 100 ft north of locked entrance, 2,000 ft north of main entrance to the U.S. Marine Corps Air Station, 4.0 mi northwest of Beaufort on U.S. Highway 21.

Owner: U.S. Marine Corp.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 105 ft, cased to 85 ft, open hole from 85 to 105 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 31.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface.

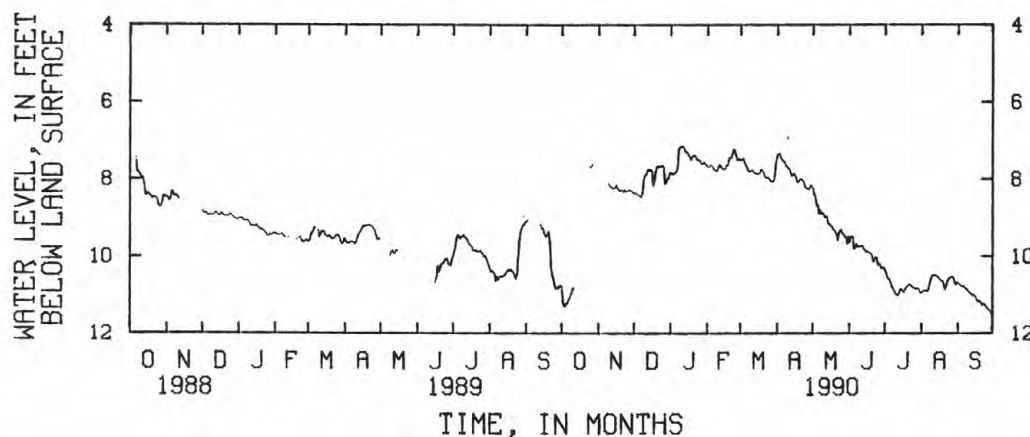
REMARKS.--Water-quality data available in District files.

PERIOD OF RECORD.--July 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 5.84 ft below land-surface datum, April 5, 1980; lowest, 11.83 ft below land-surface datum June 6, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.79	---	8.38	7.83	7.69	7.52	7.39	8.26	9.64	10.38	10.96	10.72
2	11.20	---	8.37	7.87	7.69	7.50	7.36	8.41	9.52	10.46	10.94	10.72
3	11.29	---	8.39	7.88	7.68	7.47	7.35	8.44	9.49	10.56	10.91	10.77
4	11.31	---	8.42	7.85	7.65	7.54	7.44	8.69	9.52	10.59	10.91	10.78
5	11.23	---	8.43	7.84	7.68	7.63	7.51	8.69	9.82	10.62	10.91	10.79
6	11.20	---	8.45	7.80	7.75	7.70	7.54	8.90	9.76	10.70	10.93	10.78
7	11.13	---	8.49	7.64	7.76	7.77	7.56	8.83	9.70	10.81	10.87	10.84
8	11.09	---	8.38	7.23	7.79	7.81	7.66	8.89	9.76	10.86	10.71	10.86
9	10.98	8.10	8.05	7.17	7.80	7.81	7.69	8.92	9.74	10.92	10.59	10.90
10	10.88	8.15	7.92	7.16	7.72	7.78	7.72	8.90	9.75	10.99	10.53	10.94
11	10.83	8.21	7.88	7.15	7.64	7.79	7.73	8.99	9.74	11.01	10.50	10.97
12	---	8.22	7.80	7.17	7.68	7.83	7.84	9.00	9.74	11.04	10.50	10.98
13	---	8.26	7.75	7.26	7.73	7.86	7.92	8.98	9.81	10.98	10.51	11.04
14	---	8.26	7.78	7.31	7.75	7.87	7.90	9.15	9.85	10.89	10.53	11.01
15	---	8.23	7.76	7.32	7.75	7.87	7.86	9.17	9.91	10.87	10.55	11.03
16	---	8.17	7.80	7.37	7.75	7.88	7.93	9.22	9.88	10.91	10.60	11.07
17	---	8.25	8.17	7.44	7.66	7.86	8.00	9.22	9.92	10.95	10.61	11.15
18	---	8.29	8.04	7.51	7.64	7.77	8.09	9.29	9.92	10.89	10.64	11.19
19	---	8.32	7.83	7.43	7.49	7.77	8.06	9.33	9.94	10.83	10.65	11.16
20	---	8.30	7.70	7.41	7.44	7.82	8.03	9.38	9.98	10.79	10.79	11.19
21	---	8.31	7.68	7.39	7.46	7.90	8.02	9.45	10.14	10.76	10.87	11.27
22	---	8.35	7.68	7.43	7.35	7.97	8.02	9.58	10.13	10.74	10.76	11.23
23	---	8.30	7.68	7.49	7.23	7.97	8.08	9.41	10.05	10.77	10.66	11.25
24	---	8.33	7.67	7.52	7.28	7.97	8.18	9.34	10.05	10.79	10.60	11.28
25	7.69	8.33	7.65	7.51	7.39	8.00	8.24	9.32	10.23	10.84	10.58	11.33
26	7.68	8.30	7.71	7.55	7.50	8.05	8.26	9.41	10.24	10.83	10.56	11.36
27	7.62	8.31	8.13	7.61	7.51	8.07	8.28	9.43	10.22	10.87	10.54	11.40
28	---	8.30	8.10	7.61	7.49	8.09	8.28	9.49	10.32	10.84	10.57	11.41
29	---	8.32	8.02	7.57	---	8.05	8.18	9.52	10.31	10.85	10.66	11.47
30	---	8.37	7.97	7.62	---	7.88	8.19	9.67	10.30	10.88	10.74	11.53
31	---	---	7.87	7.65	---	7.57	---	9.51	---	10.96	10.69	---
TOTAL	---	---	247.95	232.59	212.95	242.37	236.31	282.79	297.38	335.18	331.37	332.42
MEAN	---	---	8.00	7.50	7.61	7.82	7.88	9.12	9.91	10.81	10.69	11.08
MAX	---	---	8.49	7.88	7.80	8.09	8.28	9.67	10.32	11.04	10.96	11.53
MIN	---	---	7.65	7.15	7.23	7.47	7.35	8.26	9.49	10.38	10.50	10.72



GROUND-WATER LEVELS

BEAUFORT COUNTY

320846080502203. Local number, BFT-304.

LOCATION.--Lat 32°08'46'', long 80°50'22'', Hydrologic Unit 03050208, 300 ft south of Marsh at Haig Point, near the northern tip of Daufuskie Island.

OWNER.--U.S. Geological Survey.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 619 ft, cased to 135 ft, open hole 135 to 619 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.2 ft above lands-surface datum.

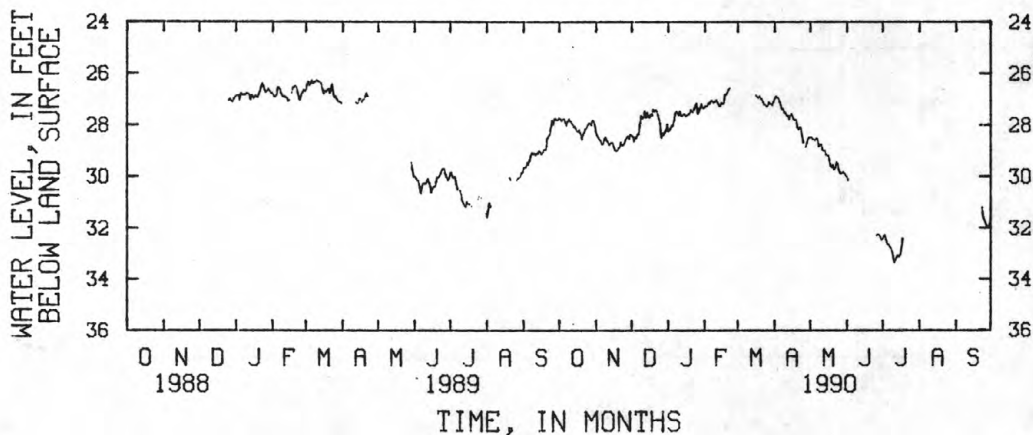
REMARKS.-- Also known as TW3 PT2. Electric log available in District files. Water-level affected by tidal fluctuations. Water-quality data available in District files. Multiple sampling points. Original depth is 746 ft. Cement plug from 619 to 649 ft; gravel filled from 649 to 706 ft; cement plug from 706 to 746 ft.

PERIOD OF RECORD.--October 1983 to current year. Record from Dec. 1958 to Sept. 1983 are unpublished but are available in District files.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.20 ft below land-surface datum, Feb. 7, 1985; lowest, 33.38 ft below land-surface datum, July 11, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.73	28.31	28.41	28.25	27.28	---	26.97	28.49	30.01	32.44	---	---
2	27.78	28.42	28.43	28.20	27.28	---	26.90	28.48	30.15	32.34	---	---
3	27.84	28.48	28.63	28.14	27.27	---	26.94	28.56	---	32.30	---	---
4	27.79	28.58	28.49	28.06	27.16	---	26.95	28.59	---	32.52	---	---
5	27.76	28.64	28.52	28.03	27.19	---	27.11	28.61	---	32.65	---	---
6	27.90	28.76	28.38	27.82	27.08	---	27.24	28.53	---	32.68	---	---
7	28.02	28.75	28.34	27.53	27.06	---	27.40	28.56	---	32.77	---	---
8	27.88	28.55	27.95	27.48	27.14	---	27.38	28.83	---	32.80	---	---
9	27.78	28.49	27.66	27.55	27.09	---	27.54	28.80	---	32.97	---	---
10	27.86	28.60	27.74	27.62	27.10	---	27.53	28.77	---	33.21	---	---
11	27.87	28.66	27.72	27.48	27.02	---	27.64	28.97	---	33.38	---	---
12	27.97	28.79	27.47	27.64	27.16	---	27.64	29.02	---	33.27	---	---
13	28.08	28.73	27.70	27.64	27.26	---	27.80	29.02	---	33.16	---	---
14	28.05	28.71	27.54	27.61	27.28	---	27.66	29.17	---	33.09	---	---
15	28.13	28.70	27.67	27.60	27.15	---	27.59	29.20	---	33.14	---	---
16	28.25	28.86	27.72	27.67	27.17	26.86	27.70	29.19	---	33.06	---	---
17	28.28	28.98	27.62	27.63	27.16	26.89	27.80	29.37	---	32.73	---	---
18	28.20	29.04	27.62	27.58	26.83	26.96	27.84	29.61	---	32.44	---	---
19	28.33	29.02	27.41	27.59	26.83	26.88	27.83	29.67	---	---	---	---
20	28.55	28.91	27.48	27.42	26.74	27.00	28.10	29.58	---	---	---	---
21	28.39	28.88	27.42	27.47	26.63	26.99	28.18	29.74	---	---	---	---
22	28.33	28.69	27.46	27.52	26.58	27.10	28.11	29.68	---	---	---	---
23	28.16	28.80	27.61	27.39	---	27.22	28.13	29.47	---	---	---	31.21
24	28.13	28.79	27.78	27.22	---	27.23	28.45	29.54	---	---	---	31.63
25	28.02	28.72	27.95	27.16	---	27.30	28.67	29.76	---	---	---	31.71
26	27.95	28.56	28.50	27.56	---	27.26	---	29.88	32.30	---	---	31.85
27	27.95	28.50	28.35	27.47	---	27.13	28.86	29.90	32.26	---	---	32.01
28	28.01	28.45	28.41	27.35	---	27.18	28.72	29.87	32.29	---	---	31.98
29	27.85	28.55	28.29	27.20	---	27.17	28.54	29.86	32.37	---	---	31.92
30	27.84	28.39	28.19	27.32	---	27.26	28.50	29.91	32.50	---	---	31.76
31	28.02	---	27.98	27.36	---	27.12	---	29.98	---	---	---	---
TOTAL	868.70	860.31	866.44	855.56	---	---	---	906.61	---	---	---	---
MEAN	28.02	28.68	27.95	27.60	---	---	---	29.25	---	---	---	---
MAX	28.55	29.04	28.63	28.25	---	---	---	29.98	---	---	---	---
MIN	27.73	28.31	27.41	27.16	---	---	---	28.48	---	---	---	---



MISCELLANEOUS GROUND-WATER SITES

433

BEAUFORT COUNTY

321558080431302. Local number, BFT-315, USGS TW 8 Point 1.
 LOCATION.--Lat 32°15'54'', long 80°43'15'', Hydrologic Unit 03050208, Hilton Head, SC.
 OWNER: U.S. Geological Survey.
 AQUIFER.--Ocala Limestone.
 WELL CHARACTERISTICS.--2 inch steel pipe extends 483 ft into bottom interval of multi-depth drilled observation well, diameter 10 in., total depth 510 ft, cased to 150 ft, cement plug between 410 ft and 450 ft. Bottom interval of open hole is 450 to 510 ft.
 INSTRUMENTATION.--Intermittent measurement with chalked tape by USGS personnel.
 DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum 1929 (from Topographic Map).
 Measuring point is aperture of 2 in steel pipe, 1.95 ft above land-surface datum.
 REMARKS.--Original depth of 795 ft cement plugged from 410 to 450, 510 to 540 ft. Sand and gravel filled from 540 to 795 ft. Well also sampled for water quality.
 PERIOD OF RECORDS.--April 1962 to current year.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.15 ft below land-surface datum, Nov. 29, 1962; lowest measured, 20.14 ft below land-surface datum, Aug. 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1989

<u>DATE</u>	11/09/88	12/20/88	02/02/89	03/15/89	04/28/89	06/15/89	08/05/89	09/12/89
<u>WATER LEVEL</u>	18.59	18.26	17.71	16.94	17.33	19.88	19.31	18.81

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1990

<u>DATE</u>	10/25/89	12/11/89	01/30/90	03/15/90	04/26/90	06/07/90	07/23/90	08/31/90
<u>WATER LEVEL</u>	18.24	18.71	17.48	17.65	17.90	18.87	18.92	18.97

BEAUFORT COUNTY

321558080431303. Local number, BFT-315, USGS TW 8 Point 2.
 LOCATION.--Lat 32°15'54'', long 80°43'15'', Hydrologic Unit 03050208, Hilton Head, SC.
 OWNER: U.S. Geological Survey.
 AQUIFER.--Ocala Limestone.
 WELL CHARACTERISTICS.--2 inch steel pipe extends 190 ft into top interval of multi-depth drilled observation well, diameter 10 in., total depth 410 ft, cased to 150 ft. Top interval of open hole is 150 to 410 ft.
 INSTRUMENTATION.--Intermittent measurement with chalked tape by USGS personnel.
 DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum 1929 (from Topographic Map).
 Measuring point is aperture of 2 in steel pipe, 1.95 ft above land-surface datum.
 REMARKS.--Original depth of 795 ft cement plugged from 410 to 450, 510 to 540 ft. Sand and gravel filled from 540 to 795 ft. Well also sampled for water quality.
 PERIOD OF RECORDS.--April 1962 to current year.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.10 ft below land-surface datum, Nov. 29, 1962; lowest measured, 19.85 ft below land-surface datum, June 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1989

<u>DATE</u>	11/09/88	12/20/88	02/02/89	03/15/89	04/28/89	06/15/89	08/05/89	09/12/89
<u>WATER LEVEL</u>	17.97	17.47	17.08	15.85	16.45	19.45	18.13	18.13

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1990

<u>DATE</u>	10/25/89	12/11/89	01/30/90	03/15/90	04/26/90	06/07/90	07/23/90	08/31/90
<u>WATER LEVEL</u>	17.40	17.98	16.57	17.04	17.12	19.35	16.69	17.94

GROUND-WATER LEVELS

BEAUFORT COUNTY

321551080491003. Local number, BFT-429.

LOCATION.--Lat 32°15'51'', long 80°49'10'', Hydrologic Unit 03050208, 1.6 mi northwest on County Road 744, 2 mi southwest of Foot Point Plantation at Victoria Bluff, and 7.7 mi southeast on U.S. Highway 278 from intersection with State Highway 170.

Owner: South Carolina Wildlife and Marine Resources Department.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 100 ft, open hole from 100 to 300 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 22.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.85 ft above land-surface datum.

REMARKS.--Water-quality data available in District files. Electric and Gamma logs available in District files.

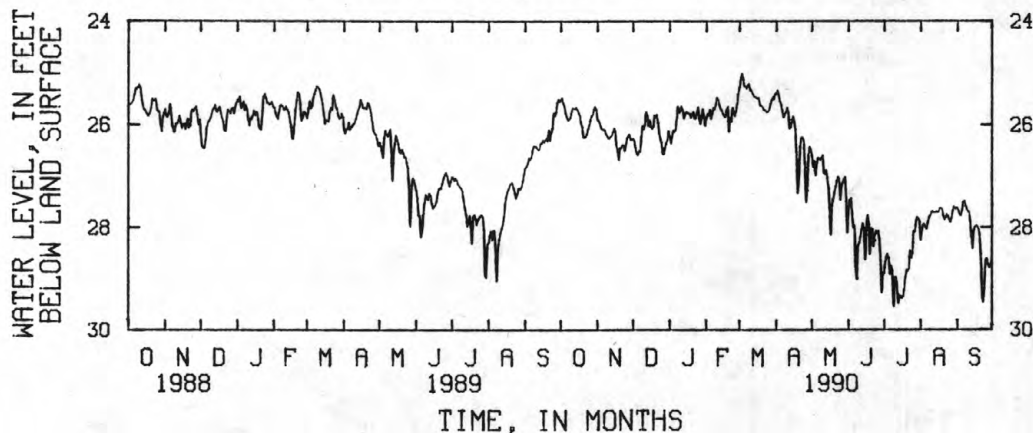
PERIOD OF RECORD.--August 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 21.71 ft below land-surface datum, Sept. 10, 1971; lowest, 29.56 ft below land-surface datum, July 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.53	25.91	26.28	26.25	25.88	25.28	25.41	26.62	27.62	28.90	28.25	27.63
2	25.48	25.92	26.31	26.36	25.80	25.11	25.34	26.83	27.48	28.68	28.06	27.69
3	25.59	25.96	26.44	26.24	25.82	25.02	25.44	26.73	27.44	28.58	27.96	27.76
4	25.64	26.06	26.56	26.12	25.72	25.12	25.55	27.00	27.75	28.52	27.95	27.77
5	25.78	26.10	26.59	26.13	25.88	25.26	25.62	26.76	28.02	28.61	28.00	27.67
6	25.86	26.10	26.53	26.10	25.80	25.27	25.75	26.66	27.99	28.92	28.03	27.51
7	25.91	26.10	26.53	25.87	25.68	25.30	25.86	26.67	28.82	28.77	27.92	27.49
8	25.91	26.18	26.24	25.65	25.70	25.24	25.80	26.69	29.01	28.86	27.81	27.59
9	25.87	26.22	26.03	25.76	25.61	25.22	25.76	26.66	28.35	29.56	27.77	27.64
10	25.76	26.26	26.08	25.73	25.48	25.34	25.68	26.61	28.30	29.00	27.71	27.70
11	25.69	26.28	26.00	25.65	25.52	25.35	25.78	26.95	28.19	28.98	27.69	27.72
12	25.69	26.24	25.76	25.72	25.63	25.41	26.08	26.97	28.05	29.17	27.71	27.89
13	25.70	26.22	25.83	25.88	25.70	25.46	26.07	26.90	27.94	29.49	27.72	28.20
14	25.67	26.15	26.02	25.82	25.73	25.47	25.92	27.04	28.07	29.34	27.69	28.42
15	25.70	26.08	25.93	25.76	25.80	25.48	25.85	27.25	28.64	29.36	27.71	28.06
16	25.77	26.13	26.04	25.78	25.84	25.51	25.96	27.68	28.01	29.38	27.70	28.00
17	25.82	26.41	26.08	25.77	25.86	25.48	26.11	28.15	27.77	29.35	27.64	27.98
18	25.98	26.53	26.04	25.80	25.73	25.63	26.60	27.58	27.96	29.22	27.63	27.99
19	26.04	26.69	25.83	25.87	25.66	25.64	27.34	27.45	28.53	28.98	27.66	28.04
20	26.25	26.47	25.86	25.79	26.14	25.66	27.05	27.33	28.03	28.84	27.78	28.17
21	26.25	26.46	25.81	25.76	25.88	25.72	26.44	27.22	28.04	28.86	27.85	28.64
22	26.25	26.41	25.96	25.88	25.94	25.72	26.26	27.10	28.38	28.81	27.82	29.37
23	26.20	26.41	26.17	25.88	25.68	25.75	26.25	27.02	28.16	28.46	27.76	29.47
24	26.10	26.51	26.28	25.77	25.75	25.77	26.30	27.06	28.09	28.60	27.79	29.19
25	26.02	26.40	26.35	25.67	25.83	25.76	26.76	27.47	28.11	28.51	27.85	28.64
26	25.92	26.26	26.57	25.89	25.76	25.71	27.52	27.21	28.08	28.09	27.90	28.61
27	25.84	26.22	26.59	25.98	25.60	25.61	27.29	27.14	28.23	28.09	27.83	28.73
28	25.81	26.19	26.48	25.87	25.41	25.52	26.61	27.08	28.66	27.88	27.69	28.79
29	25.71	26.29	26.37	25.70	---	25.47	26.45	27.02	29.28	27.81	27.60	28.75
30	25.65	26.29	26.30	25.85	---	25.51	26.48	27.50	28.92	27.83	27.64	28.68
31	25.71	---	26.13	26.02	---	25.41	---	28.11	---	27.90	27.63	---
TOTAL	801.10	787.45	811.99	802.32	720.83	789.20	785.33	840.46	845.92	891.35	861.75	845.79
MEAN	25.84	26.25	26.19	25.88	25.74	25.46	26.18	27.11	28.20	28.75	27.80	28.19
MAX	26.25	26.69	26.59	26.36	26.14	25.77	27.52	28.15	29.28	29.56	28.25	29.47
MIN	25.48	25.91	25.76	25.65	25.41	25.02	25.34	26.61	27.44	27.81	27.60	27.49

CAL YR 1989 TOTAL 9646.13 MEAN 26.43 HIGH 25.26 LOW 29.05
WTR YR 1990 TOTAL 9783.49 MEAN 26.80 HIGH 25.02 LOW 29.56



BEAUFORT COUNTY

320910080472001. Local number, BFT-439.

LOCATION.--Lat 32°09'10'', long 80°47'20'', Hydrologic Unit 03050208, 1.0 mi northwest of Braddock Point, 3.0 mi southwest of Forest Beach on Calibogue Cay Road at Sea Pines Plantation, on Hilton Head Island.

Owner: Sea Pines Plantation.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 214 ft, cased to 125 ft, open hole from 125 to 214 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 6.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface.

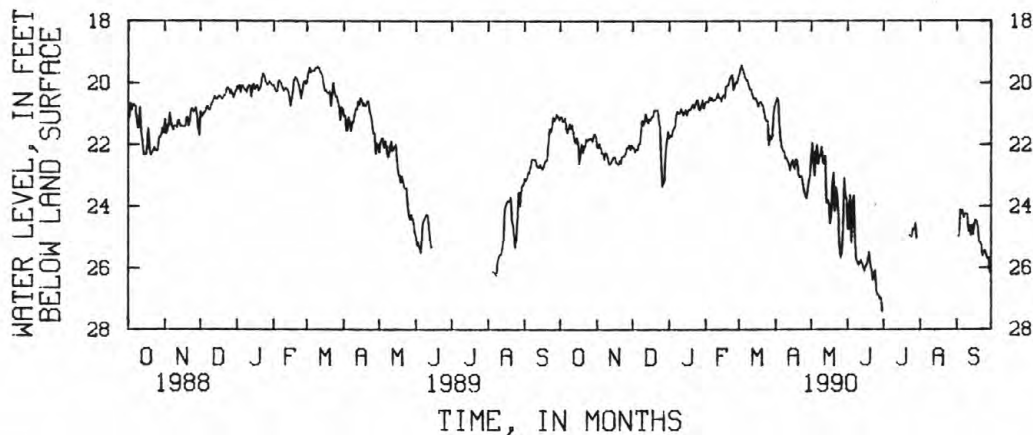
REMARKS.--Gamma log available in District files. Water-quality data available in District files.

PERIOD OF RECORD.--October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 15.32 ft below land-surface datum, Feb. 28, Mar. 17, 1983; lowest, 30.22 ft below land-surface datum, Aug. 9, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.13	22.08	22.10	21.78	20.62	19.72	20.61	22.31	24.77	---	---	---
2	21.10	22.11	22.13	21.72	20.61	19.54	20.49	21.96	24.73	---	---	24.98
3	21.25	21.99	22.25	21.74	20.63	19.43	20.54	22.59	23.64	---	---	24.98
4	21.24	22.13	22.17	21.56	20.47	19.56	21.28	23.03	25.20	---	---	24.12
5	21.14	22.29	22.19	21.47	20.54	19.69	21.87	22.23	24.13	---	---	24.23
6	21.50	22.30	22.01	21.39	20.49	19.84	22.12	22.03	23.66	---	---	24.15
7	21.62	22.48	21.96	21.05	20.57	19.92	22.21	22.64	25.00	---	---	24.36
8	21.49	22.27	21.55	20.94	20.55	19.92	22.25	22.38	25.73	---	---	24.28
9	21.34	22.30	21.23	21.01	20.55	20.08	22.46	22.37	25.83	---	---	24.25
10	21.48	22.43	21.37	20.97	20.46	20.22	22.43	22.11	25.93	---	---	24.26
11	21.39	22.64	21.25	20.84	20.34	20.24	22.55	22.60	25.85	---	---	24.82
12	21.62	22.65	21.02	20.95	20.47	20.38	22.67	22.64	25.77	---	---	24.67
13	21.90	22.58	21.19	21.05	20.49	20.51	22.85	22.39	25.86	---	---	24.95
14	21.95	22.49	21.30	20.97	20.59	20.54	22.63	23.91	26.01	---	---	24.66
15	21.79	22.42	21.19	20.88	20.44	20.51	22.53	23.83	26.13	---	---	24.92
16	21.97	22.41	21.21	21.04	20.39	20.61	22.70	23.96	25.98	---	---	24.60
17	22.65	22.58	21.11	20.90	20.49	20.78	22.80	24.58	25.91	---	---	24.47
18	22.33	22.62	21.10	20.86	20.12	20.66	22.50	24.36	25.69	---	---	24.52
19	22.00	22.66	20.90	20.88	20.10	20.63	22.53	23.19	25.51	---	---	24.70
20	22.25	22.54	20.88	20.76	20.04	20.71	22.99	22.91	25.86	---	---	25.16
21	22.10	22.62	20.90	20.71	19.87	20.74	23.07	24.18	26.07	---	---	25.18
22	22.03	22.41	20.89	20.82	19.79	20.96	23.04	23.38	26.42	---	---	25.27
23	21.83	22.38	21.22	20.71	19.73	21.16	23.05	23.62	26.21	24.94	---	25.63
24	21.88	22.39	21.44	20.57	20.23	21.24	23.30	24.17	26.10	24.97	---	25.52
25	21.83	22.30	22.54	20.55	20.13	21.25	23.53	25.39	26.78	25.01	---	25.46
26	21.81	22.13	23.37	20.86	20.01	22.05	23.68	25.68	26.90	24.75	---	25.59
27	21.80	22.11	23.26	20.89	20.01	21.74	23.76	25.57	26.90	24.77	---	25.71
28	21.90	22.02	23.16	20.74	19.88	21.82	23.50	24.83	27.03	24.56	---	25.69
29	21.72	22.17	22.27	20.57	---	21.73	23.19	23.09	26.99	25.04	---	26.17
30	21.65	22.02	21.85	20.82	---	21.07	23.01	23.70	27.42	---	---	25.98
31	21.76	---	21.59	20.70	---	20.76	---	23.75	---	---	---	---
TOTAL	673.45	670.52	672.60	650.70	568.61	638.01	676.14	725.38	774.01	---	---	---
MEAN	21.72	22.35	21.70	20.99	20.31	20.58	22.54	23.40	25.80	---	---	---
MAX	22.65	22.66	23.37	21.78	20.63	22.05	23.76	25.68	27.42	---	---	---
MIN	21.10	21.99	20.88	20.55	19.73	19.43	20.49	21.96	23.64	---	---	---



GROUND-WATER LEVELS

BEAUFORT COUNTY

321125080423000. Local number, BFT-444.

LOCATION.--Lat 32°10'35'', long 80°43'37'', Hydrologic Unit 03050208, 0.1 mi from US Highway 278 at entrance of Palmetto Dunes, 110 ft off Queen Ferry Rd, and approximately 200 ft north of the water tower on Hilton Head Island.

Owner: Palmetto Dunes Development Corp.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 212 ft, cased to 146 ft, open hole from 146 to 212 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 16.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.95 ft above land-surface datum.

REMARKS.--Electric and Gamma logs available in District files.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 16.67 ft below land-surface datum, Jan. 19, 1976; lowest recorded, 32.81 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.86	26.10	25.79	24.87	24.30	23.53	23.95	27.72	29.83	32.27	28.32	29.24
2	23.81	25.51	25.70	24.97	24.37	23.36	24.20	27.95	29.73	31.94	27.99	29.32
3	24.30	25.89	25.39	24.81	24.51	22.95	24.34	28.22	29.76	31.30	28.86	28.69
4	24.77	26.75	25.78	24.66	24.24	23.37	24.96	28.27	30.66	31.20	28.39	28.71
5	25.29	26.31	25.77	24.65	24.35	23.50	24.97	28.08	29.94	31.90	28.54	28.28
6	25.78	26.59	25.70	24.42	24.75	24.12	25.72	28.44	29.70	31.92	28.79	28.20
7	25.61	26.22	25.72	24.08	24.57	24.50	25.51	28.38	30.27	32.15	29.32	28.64
8	25.76	25.81	25.30	23.83	24.46	23.57	25.38	28.47	30.63	32.22	28.03	28.49
9	25.10	26.27	24.49	23.97	24.37	24.06	26.20	27.84	30.31	32.50	27.46	28.67
10	25.41	26.76	24.28	24.01	23.96	24.30	25.91	27.60	30.10	32.80	28.07	28.85
11	25.44	26.70	24.69	23.98	23.67	24.47	26.11	28.05	30.04	32.39	27.79	29.09
12	25.92	27.25	24.71	24.14	23.78	24.91	26.25	28.24	29.78	32.81	27.69	28.66
13	25.69	26.87	24.37	24.14	23.41	25.07	27.07	28.03	30.29	31.68	27.20	28.06
14	26.30	26.41	24.74	24.33	23.59	25.15	25.68	28.34	30.32	31.43	28.30	29.09
15	26.25	25.93	24.76	24.34	23.65	25.03	26.19	28.17	30.97	30.68	28.03	28.46
16	26.70	26.17	24.59	24.21	23.83	25.68	26.78	28.90	30.80	31.12	28.05	28.22
17	26.61	26.46	24.38	24.38	23.87	25.38	26.81	28.71	30.59	30.74	28.26	28.12
18	25.27	26.72	24.50	24.32	23.54	24.68	27.46	29.59	31.25	30.89	27.69	28.47
19	25.50	26.29	24.02	24.46	23.55	24.92	27.18	28.95	31.25	29.42	27.50	28.79
20	25.81	26.46	24.08	24.21	23.60	25.17	27.13	29.16	31.31	29.05	27.62	28.99
21	25.96	26.66	24.08	23.95	23.20	24.81	26.68	29.62	32.13	28.37	28.34	29.50
22	26.14	26.20	24.16	24.36	23.00	25.32	26.89	29.26	32.12	29.30	28.18	29.20
23	25.41	26.76	24.56	24.16	23.01	25.75	27.50	29.45	31.53	28.50	27.08	29.40
24	25.77	26.35	25.47	23.93	23.49	25.30	27.64	29.53	31.23	28.37	27.60	29.11
25	26.09	26.09	27.37	23.88	23.48	25.85	28.07	29.88	31.72	28.25	27.06	29.56
26	25.84	25.46	27.64	24.38	23.34	25.02	27.84	29.94	31.07	28.05	27.32	29.96
27	26.35	25.84	27.10	24.38	23.41	25.51	28.08	29.67	31.69	28.36	27.53	29.90
28	25.70	25.69	26.18	24.28	23.98	25.43	27.56	29.92	32.43	27.95	27.93	30.48
29	25.87	25.55	25.40	24.46	---	24.93	26.89	28.66	32.20	28.22	27.76	29.44
30	26.11	25.87	24.98	24.52	---	24.96	27.14	29.28	32.18	28.02	27.46	28.97
31	25.33	---	24.95	24.25	---	24.27	---	28.62	---	29.45	29.07	---
TOTAL	793.75	787.94	780.65	753.33	667.28	764.87	792.09	891.94	925.83	943.25	867.23	868.56
MEAN	25.60	26.26	25.18	24.30	23.83	24.67	26.40	28.77	30.86	30.43	27.98	28.95
MAX	26.70	27.25	27.64	24.97	24.75	25.85	28.08	29.94	32.43	32.81	29.32	30.48
MIN	23.81	25.46	24.02	23.83	23.00	22.95	23.95	27.60	29.70	27.95	27.06	28.06

CAL YR 1989 TOTAL 9635.08 MEAN 26.40 HIGH 22.90 LOW 31.31
WTR YR 1990 TOTAL 9836.72 MEAN 26.95 HIGH 22.95 LOW 32.81



BEAUFORT COUNTY

321459080420101. Local number, BFT-786.

LOCATION.--Lat 32°14'53'', long 80°41'55'', Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at the end of State Road 335.

Owner: Town of Hilton Head.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 524 ft, cased to 300 ft, open hole from 300 to 524 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 12.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files. 1977 Water-quality data available in District files.

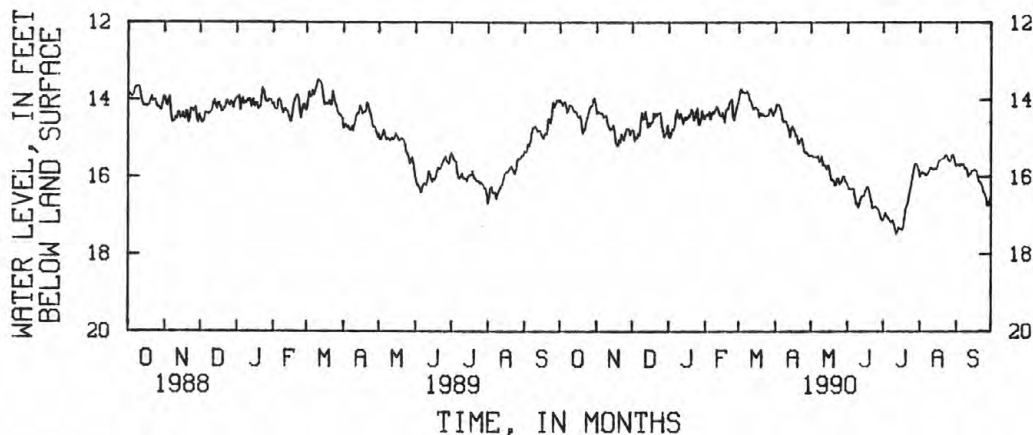
PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 8.83 ft below land-surface datum, May 18, 1980; lowest, 17.48 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.00	14.36	14.80	14.95	14.42	13.98	14.25	15.47	16.23	17.14	15.99	15.73
2	14.07	14.32	14.80	14.99	14.39	13.77	14.13	15.45	16.33	17.04	15.92	15.70
3	14.15	14.33	15.07	14.88	14.41	13.72	14.15	15.49	16.31	16.95	15.89	15.70
4	14.10	14.36	14.99	14.79	14.32	13.81	14.13	15.49	16.34	17.02	15.90	15.74
5	14.06	14.36	15.00	14.79	14.50	13.80	14.24	15.49	16.33	17.07	15.92	15.68
6	14.17	14.38	14.89	14.67	14.40	13.84	14.37	15.51	16.32	17.11	15.97	15.70
7	14.33	14.47	14.93	14.39	14.32	13.82	14.55	15.47	16.52	17.18	15.95	15.69
8	14.27	14.43	14.55	14.27	14.35	13.78	14.58	15.62	16.71	17.18	15.91	15.79
9	14.16	14.42	14.34	14.44	14.28	13.85	14.57	15.59	16.70	17.13	15.86	15.77
10	14.14	14.63	14.50	14.48	14.19	14.01	14.58	15.49	16.80	17.24	15.77	15.82
11	14.18	14.72	14.49	14.37	14.19	14.04	14.67	15.71	16.71	17.34	15.78	16.00
12	14.26	14.78	14.31	14.48	14.34	14.14	14.79	15.71	16.60	17.48	15.82	15.95
13	14.32	14.79	14.50	14.63	14.41	14.25	14.98	15.72	16.51	17.45	15.81	15.94
14	14.30	14.75	14.73	14.54	14.42	14.23	14.79	15.81	16.51	17.34	15.79	15.86
15	14.35	14.68	14.61	14.46	14.35	14.20	14.70	15.73	16.48	17.35	15.81	15.86
16	14.44	14.85	14.67	14.51	14.48	14.24	14.76	15.72	16.39	17.36	15.74	15.83
17	14.47	15.11	14.61	14.47	14.59	14.26	14.83	15.90	16.29	17.39	15.61	15.83
18	14.42	15.18	14.58	14.40	14.29	14.45	14.95	16.07	16.28	17.32	15.58	15.86
19	14.58	15.21	14.36	14.44	14.23	14.36	14.94	16.10	16.36	17.08	15.55	16.00
20	14.89	15.06	14.44	14.25	14.24	14.41	15.15	16.10	16.50	16.85	15.53	16.12
21	14.82	15.11	14.37	14.33	14.10	14.37	15.13	16.23	16.66	16.75	15.54	16.15
22	14.76	14.91	14.42	14.53	14.01	14.40	15.06	16.23	16.83	16.68	15.48	16.20
23	14.58	15.02	14.36	14.46	13.99	14.44	15.00	16.06	16.82	16.48	15.43	16.28
24	14.47	15.05	14.36	14.30	14.48	14.44	15.17	16.05	16.78	16.32	15.47	16.40
25	14.35	14.90	14.33	14.22	14.54	14.43	15.34	16.19	16.80	16.17	15.55	16.47
26	14.23	14.77	14.70	14.64	14.37	14.39	15.39	16.17	16.84	16.00	15.60	16.56
27	14.18	14.77	14.81	14.65	14.21	14.26	15.37	16.11	16.86	15.77	15.58	16.75
28	14.15	14.77	14.97	14.52	14.11	14.23	15.41	16.01	16.97	15.68	15.45	16.75
29	14.01	14.91	14.91	14.29	---	14.35	15.46	16.00	17.08	15.68	15.43	16.66
30	13.95	14.83	14.87	14.45	---	14.42	15.47	16.12	17.15	15.73	15.53	16.55
31	14.13	---	14.68	14.50	---	14.35	---	16.18	---	15.83	15.68	---
TOTAL	443.29	442.23	453.95	450.09	400.93	439.04	444.91	490.99	498.01	521.11	486.84	481.34
MEAN	14.30	14.74	14.64	14.52	14.32	14.16	14.83	15.84	16.60	16.81	15.70	16.04
MAX	14.89	15.21	15.07	14.99	14.59	14.45	15.47	16.23	17.15	17.48	15.99	16.75
MIN	13.95	14.32	14.31	14.22	13.99	13.72	14.13	15.45	16.23	15.68	15.43	15.68

CAL YR 1989 TOTAL 5425.65 MEAN 14.86 HIGH 13.48 LOW 16.70
WTR YR 1990 TOTAL 5552.73 MEAN 15.21 HIGH 13.72 LOW 17.48



GROUND-WATER LEVELS

BEAUFORT COUNTY

321459080420102. Local number, BFT-787.

LOCATION.--Lat 32°14'54'', long 80°41'57'', Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at the end of State Road 335.

Owner: Town of Hilton Head.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 239 ft, cased to 126 ft, open hole from 126 to 239 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--Geophysical logs and Water-quality data available in District files.

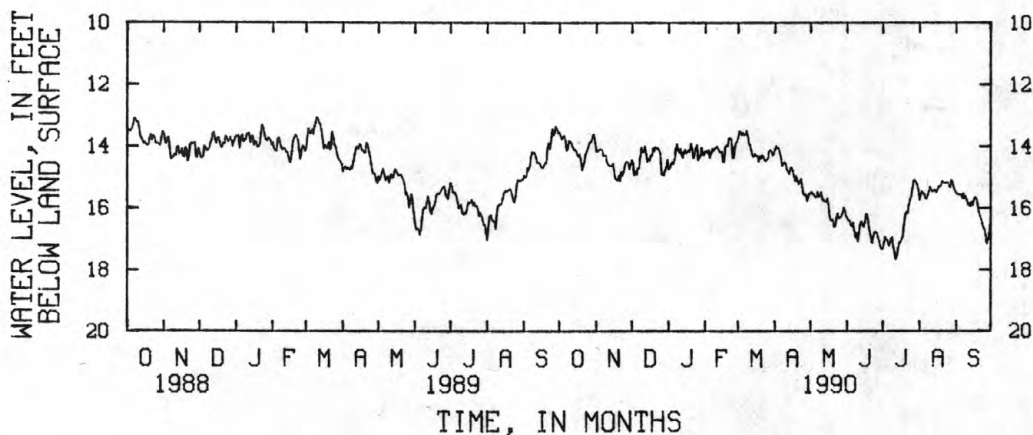
PERIOD OF RECORD.--July 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.99 ft below land-surface datum, Mar. 9, 1978; lowest 17.68 ft below land-surface datum July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.56	14.16	14.46	14.74	14.17	13.73	14.10	15.55	16.33	17.35	15.74	15.53
2	13.66	14.16	14.56	14.69	14.15	13.52	14.01	15.49	16.41	17.15	15.58	15.56
3	13.77	14.14	14.93	14.58	14.20	13.54	14.06	15.54	16.42	16.97	15.48	15.57
4	13.72	14.10	14.83	14.52	14.14	13.63	14.05	15.60	16.57	17.03	15.52	15.58
5	13.66	14.11	14.91	14.57	14.37	13.57	14.21	15.65	16.61	17.06	15.57	15.56
6	13.83	14.13	14.73	14.44	14.23	13.64	14.41	15.66	16.50	17.23	15.70	15.69
7	14.13	14.31	14.69	14.09	14.10	13.60	14.64	15.51	16.76	17.18	15.71	15.55
8	14.09	14.30	14.32	13.92	14.15	13.50	14.57	15.64	16.96	17.03	15.59	15.69
9	13.85	14.30	14.05	14.12	14.10	13.66	14.53	15.60	16.84	16.98	15.47	15.63
10	13.85	14.52	14.18	14.19	14.05	13.92	14.58	15.49	17.09	17.30	15.34	15.77
11	13.90	14.60	14.17	14.09	14.00	13.99	14.76	15.74	16.84	17.46	15.42	15.92
12	14.01	14.63	14.00	14.26	14.10	14.14	14.85	15.79	16.55	17.68	15.46	15.88
13	14.11	14.65	14.23	14.37	14.17	14.32	14.92	15.76	16.46	17.57	15.48	15.96
14	14.12	14.66	14.49	14.19	14.19	14.33	14.73	15.82	16.55	17.34	15.42	15.83
15	14.17	14.58	14.42	14.12	14.16	14.26	14.69	15.71	16.62	17.14	15.49	15.92
16	14.27	14.80	14.46	14.21	14.49	14.31	14.81	15.89	16.49	17.12	15.44	15.73
17	14.34	15.05	14.32	14.19	14.52	14.33	14.97	16.28	16.21	17.02	15.32	15.67
18	14.28	15.09	14.28	14.13	14.03	14.50	15.13	16.42	16.22	16.93	15.32	15.70
19	14.44	15.11	14.06	14.18	13.98	14.35	14.98	16.41	16.52	16.55	15.28	15.88
20	14.77	14.98	14.15	13.92	13.98	14.41	15.15	16.41	16.75	16.22	15.13	16.16
21	14.64	15.13	14.04	14.09	13.76	14.31	15.23	16.61	16.96	16.14	15.17	16.27
22	14.53	14.85	14.08	14.38	13.73	14.34	15.16	16.62	17.16	16.17	15.19	16.39
23	14.28	14.94	14.05	14.28	13.78	14.45	15.07	16.33	16.96	15.91	15.19	16.52
24	14.16	14.84	14.13	14.08	14.38	14.49	15.33	16.20	16.82	15.74	15.18	16.63
25	14.04	14.65	14.23	13.97	14.37	14.44	15.57	16.34	16.79	15.63	15.18	16.71
26	13.91	14.52	14.92	14.45	14.04	14.39	15.60	16.33	16.81	15.37	15.30	16.90
27	13.86	14.52	14.92	14.40	13.89	14.17	15.58	16.27	16.96	15.12	15.34	17.17
28	13.83	14.53	14.96	14.29	13.84	14.14	15.79	16.18	17.10	15.11	15.11	17.03
29	13.66	14.73	14.78	14.05	---	14.16	15.66	16.00	17.28	15.16	15.17	16.84
30	13.61	14.58	14.67	14.26	---	14.30	15.55	16.09	17.34	15.23	15.36	16.56
31	13.89	---	14.44	14.28	---	14.24	---	16.27	---	15.44	15.44	---
TOTAL	434.94	437.67	447.46	442.05	395.07	436.68	446.69	495.20	501.88	513.33	477.09	481.80
MEAN	14.03	14.59	14.43	14.26	14.11	14.09	14.89	15.97	16.73	16.56	15.39	16.06
MAX	14.77	15.13	14.96	14.74	14.52	14.50	15.79	16.62	17.34	17.68	15.74	17.17
MIN	13.56	14.10	14.00	13.92	13.73	13.50	14.01	15.49	16.21	15.11	15.11	15.53

CAL YR 1989 TOTAL 5364.49 MEAN 14.70 HIGH 13.08 LOW 17.05
WTR YR 1990 TOTAL 5509.86 MEAN 15.10 HIGH 13.50 LOW 17.68



BEAUFORT COUNTY

321603080432201. Local number, BFT-1809.

LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, Dolphin Head Recreation Park on Hilton Head Plantation on Hilton Head Island.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 903 ft, cased to 227 ft, open hole from 227 to 903 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.25 ft above land-surface datum.

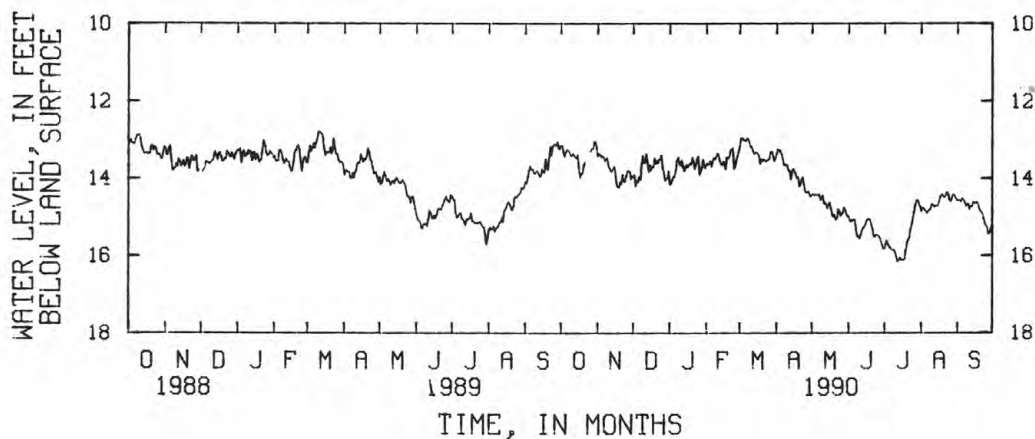
REMARKS.--Water level affected by tidal fluctuations.

PERIOD OF RECORD.--August 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.20 ft below land-surface datum, Feb. 28, 1987; lowest, 16.16 ft below land-surface datum, July 12, 13, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.17	13.43	13.97	14.17	13.64	13.17	13.37	14.44	15.01	15.83	14.87	14.59
2	13.16	13.38	13.93	14.16	13.63	12.97	13.25	14.43	15.13	15.71	14.78	14.57
3	13.33	13.39	14.22	14.05	13.65	12.94	13.31	14.46	15.10	15.63	14.78	14.59
4	13.44	13.45	14.08	13.97	13.56	13.01	13.28	14.43	15.12	15.71	14.83	14.62
5	13.32	13.43	14.10	13.97	13.70	13.00	13.38	14.45	15.07	15.78	14.87	14.53
6	13.27	13.47	13.98	13.82	13.56	13.04	13.49	14.46	15.10	15.81	14.91	14.56
7	13.28	13.56	14.05	13.54	13.49	12.97	13.66	14.42	15.33	15.86	14.87	14.63
8	13.33	13.50	13.62	13.47	13.51	12.98	13.65	14.57	15.50	15.87	14.83	14.73
9	13.41	13.49	13.43	13.63	13.45	13.05	13.69	14.53	15.53	15.87	14.80	14.70
10	13.43	13.69	13.60	13.67	13.37	13.19	13.67	14.46	15.58	15.94	14.69	14.67
11	13.37	13.76	13.59	13.54	13.37	13.18	13.80	14.67	15.49	16.04	14.70	14.81
12	13.41	13.83	13.38	13.71	13.56	13.29	13.85	14.66	15.39	16.16	14.75	14.74
13	13.46	13.82	13.63	13.82	13.64	13.38	14.04	14.70	15.31	16.16	14.72	14.74
14	13.48	13.76	13.84	13.72	13.66	13.34	13.83	14.79	15.27	16.08	14.72	14.65
15	13.41	13.70	13.68	13.66	13.58	13.33	13.77	14.70	15.21	16.12	14.72	14.65
16	13.75	13.95	13.79	13.72	13.67	13.37	13.84	14.64	15.12	16.12	14.64	14.66
17	13.99	14.19	13.72	13.67	13.78	13.42	13.90	14.81	15.07	16.14	14.50	14.63
18	13.91	14.24	13.71	13.62	13.46	13.63	14.00	14.98	15.06	16.10	14.45	14.66
19	13.87	14.26	13.49	13.66	13.48	13.52	13.99	15.01	15.09	15.88	14.43	14.77
20	13.69	14.11	13.63	13.47	13.45	13.57	14.22	14.97	15.20	15.69	14.48	14.84
21	13.60	14.16	13.55	13.59	13.30	13.52	14.17	15.09	15.34	15.60	14.51	14.89
22	---	13.92	13.60	13.76	13.24	13.54	14.06	15.05	15.51	15.54	14.41	14.94
23	---	14.08	13.53	13.67	13.22	13.57	13.99	14.82	15.53	15.34	14.36	15.05
24	---	14.09	13.50	13.49	13.77	13.54	14.16	14.86	15.48	15.20	14.43	15.18
25	---	13.95	13.41	13.43	13.74	13.54	14.33	14.99	15.49	15.04	14.56	15.24
26	13.30	13.82	13.76	13.92	13.55	13.48	14.38	14.95	15.50	14.89	14.60	15.30
27	13.23	13.82	13.86	13.86	13.43	13.34	14.38	14.90	15.55	14.69	14.54	15.46
28	13.24	13.83	14.08	13.73	13.33	13.31	14.36	14.78	15.65	14.59	14.44	15.43
29	13.08	14.03	14.03	13.52	---	13.45	14.45	14.84	15.75	14.59	14.42	15.33
30	13.03	13.95	14.00	13.69	---	13.56	14.49	14.96	15.84	14.65	14.49	15.27
31	13.22	---	13.83	13.74	---	13.48	---	15.00	---	14.73	14.55	---
TOTAL	---	414.06	426.59	425.44	378.79	412.68	416.76	456.82	460.32	483.36	453.65	445.43
MEAN	---	13.80	13.76	13.72	13.53	13.31	13.89	14.74	15.34	15.59	14.63	14.85
MAX	---	14.26	14.22	14.17	13.78	13.63	14.49	15.09	15.84	16.16	14.91	15.46
MIN	---	13.38	13.38	13.43	13.22	12.94	13.25	14.42	15.01	14.59	14.36	14.53



GROUND-WATER LEVELS

BEAUFORT COUNTY

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 Plantation on Hilton Head Island.

Owner: South Carolina Water Resources Commission.

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.--Digital recorder--60 minute punch and USGS mini-monitor.

DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .80 ft above land-surface datum.

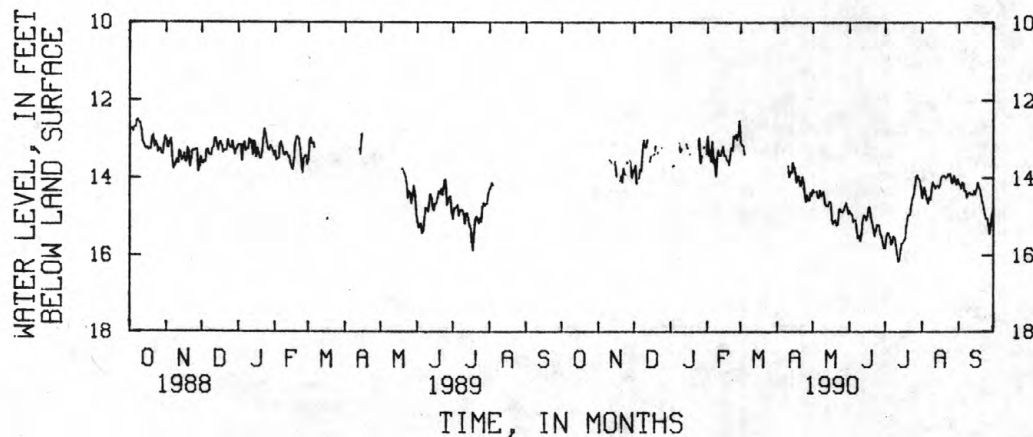
REMARKS.--Water level affected by tidal fluctuations. Well also sampled for water quality.

PERIOD OF RECORD.--September 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.64 ft below land-surface datum, Dec. 24, 1986; lowest, 16.18 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	13.80	---	12.93	13.10	---	14.33	14.87	15.83	14.53	14.14
2	---	---	13.69	13.80	13.43	13.17	---	14.38	14.93	15.52	14.35	14.19
3	---	---	14.15	13.70	13.30	13.19	---	---	14.98	15.44	14.26	14.28
4	---	---	---	13.70	13.57	13.40	---	14.37	15.15	15.44	14.45	14.13
5	---	---	14.01	---	13.08	---	---	14.52	15.11	15.54	14.58	14.15
6	---	---	13.80	---	13.62	---	---	14.53	15.11	15.73	14.68	14.34
7	---	---	13.83	---	13.55	---	---	14.34	15.39	15.69	14.52	14.36
8	---	---	13.30	13.09	13.96	---	---	14.48	15.56	15.53	14.57	14.52
9	---	---	13.05	13.35	13.51	---	---	14.41	15.51	15.56	14.30	14.43
10	---	13.54	13.21	13.28	13.31	---	13.70	14.37	15.64	15.75	14.12	14.39
11	---	13.56	13.21	---	13.42	---	13.99	14.68	15.45	15.97	14.19	14.44
12	---	13.62	13.04	---	13.43	---	13.88	14.74	15.13	16.18	14.28	14.42
13	---	---	---	---	13.30	---	13.86	14.73	14.99	16.15	14.23	14.46
14	---	13.65	13.59	13.14	13.19	---	13.63	14.74	15.00	15.88	14.21	14.35
15	---	13.58	13.47	13.24	13.43	---	13.74	14.64	15.10	15.70	14.26	14.43
16	---	13.95	---	---	13.43	---	13.89	14.67	15.00	15.69	14.20	14.32
17	---	---	13.42	13.40	13.53	---	14.12	15.09	14.79	15.62	14.01	14.13
18	---	---	13.41	---	13.58	---	13.99	15.20	14.77	15.57	13.95	14.25
19	---	14.09	13.20	---	13.67	---	13.97	15.15	15.03	15.24	13.96	14.31
20	---	13.97	---	---	13.43	---	14.21	15.10	15.16	15.00	13.95	14.48
21	---	14.12	13.36	---	13.24	---	14.22	15.24	15.33	14.96	14.01	14.65
22	---	13.77	---	---	13.31	---	13.99	15.22	15.51	14.97	13.97	14.78
23	---	13.91	---	---	12.93	---	14.12	14.84	15.40	14.70	13.90	14.96
24	---	---	13.25	13.27	12.98	---	14.46	14.81	15.24	14.53	13.94	15.06
25	---	13.61	13.22	12.98	12.90	---	14.63	14.88	15.23	14.42	13.89	15.06
26	---	---	---	13.63	13.02	---	14.47	14.90	15.26	14.21	14.14	15.24
27	---	13.54	---	13.45	12.87	---	14.60	14.84	15.46	13.98	14.11	15.45
28	---	13.58	14.01	---	12.55	---	14.59	14.74	15.55	13.93	13.96	15.20
29	---	14.01	---	13.22	---	---	14.40	14.66	15.70	14.02	14.10	14.96
30	---	13.85	13.73	---	---	---	14.47	14.81	15.83	14.07	14.17	14.84
31	---	---	---	13.40	---	---	---	14.94	---	14.26	14.05	---
TOTAL	---	---	---	---	372.47	---	---	---	457.18	471.08	439.84	436.72
MEAN	---	---	---	---	13.30	---	---	---	15.24	15.20	14.19	14.56
MAX	---	---	---	---	13.96	---	---	---	15.83	16.18	14.68	15.45
MIN	---	---	---	---	12.55	---	---	---	14.77	13.93	13.89	14.13



QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: Febuary 1987 to current year.
 SPECIFIC CONDUCTANCE AT 190 FEET: Febuary 1987 to current year.
 SPECIFIC CONDUCTANCE AT 200 FEET: Febuary 1987 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 920 microsiemens, April 14, 1988; minimum, 330 microsiemens, Aug. 9, 1990.
 SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 1780 microsiemens, July 21, 1990; minimum, 440 microsiemens, Dec. 11, 1987.
 SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9630 microsiemens, Dec. 23, 1988; minimum, 1590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 880 microsiemens, Jan. 3; minimum, 330 microsiemens, Aug. 9.
 SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 1780 microsiemens, July 21; minimum, 460 microsiemens, Jan. 12.
 SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9350 microsiemens, Aug. 23; minimum, 5100 microsiemens, Oct. 26, 27.

SPECIFIC CONDUCTANCE AT 170 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	600	500	560	600	500	553	570	410	488
2	---	---	---	600	500	581	700	500	579	570	400	481
3	---	---	---	600	500	550	600	500	572	580	410	481
4	---	---	---	600	500	579	600	500	561	550	400	481
5	---	---	---	600	500	562	600	500	575	590	400	512
6	---	---	---	600	500	571	600	500	562	550	400	488
7	---	---	---	600	500	548	600	500	560	---	---	---
8	---	---	---	600	500	569	600	500	506	---	---	---
9	---	---	---	600	500	575	500	400	420	---	---	---
10	---	---	---	600	500	554	560	390	443	---	---	---
11	---	---	---	600	500	548	530	390	452	---	---	---
12	---	---	---	600	500	558	530	380	443	---	---	---
13	---	---	---	600	500	540	540	380	448	---	---	---
14	---	---	---	600	500	558	600	380	451	---	---	---
15	---	---	---	700	500	571	560	400	461	---	---	---
16	---	---	---	700	500	569	560	400	462	---	---	---
17	---	---	---	600	500	564	560	410	466	---	---	---
18	---	---	---	600	500	579	570	400	463	---	---	---
19	---	---	---	600	500	590	560	400	463	---	---	---
20	---	---	---	600	500	560	590	390	470	---	---	---
21	---	---	---	600	500	579	560	390	473	---	---	---
22	---	---	---	700	500	591	550	380	478	---	---	---
23	600	500	519	600	500	558	580	390	477	---	---	---
24	600	500	550	600	500	568	570	400	466	---	---	---
25	600	500	560	600	500	579	580	400	474	---	---	---
26	600	500	560	700	500	596	600	390	488	---	---	---
27	600	500	567	700	500	587	600	400	496	---	---	---
28	600	500	575	600	500	584	580	400	490	---	---	---
29	---	---	---	700	500	596	600	400	472	---	---	---
30	---	---	---	600	500	591	600	420	484	---	---	---
31	---	---	---	600	500	572	---	---	---	---	---	---
MONTH	600	500	555	700	500	571	700	380	490	590	400	488

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 190 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	1000	500	754	900	500	755	900	530	726
2	---	---	---	1000	500	740	1000	500	770	880	520	724
3	---	---	---	900	500	746	900	500	771	880	520	728
4	---	---	---	900	500	754	900	500	729	880	520	740
5	---	---	---	900	600	754	900	600	762	870	630	751
6	---	---	---	900	600	779	900	600	781	860	570	732
7	---	---	---	900	700	800	900	600	794	890	560	687
8	---	---	---	900	600	760	900	500	741	---	---	---
9	---	---	---	900	600	760	880	520	709	---	---	---
10	---	---	---	1000	600	783	890	530	716	---	---	---
11	---	---	---	900	700	817	880	530	713	---	---	---
12	---	---	---	900	600	794	890	500	701	---	---	---
13	---	---	---	1000	600	781	900	490	698	---	---	---
14	---	---	---	1000	600	796	910	500	704	---	---	---
15	---	---	---	1000	500	781	900	490	700	---	---	---
16	---	---	---	1000	500	776	900	510	699	---	---	---
17	---	---	---	900	500	773	900	510	700	---	---	---
18	---	---	---	900	500	779	880	530	705	---	---	---
19	---	---	---	1000	500	779	880	520	701	---	---	---
20	---	---	---	900	600	775	880	540	712	---	---	---
21	---	---	---	976	600	768	890	530	712	---	---	---
22	---	---	---	1000	600	778	890	520	721	---	---	---
23	900	500	819	1000	600	786	900	530	727	---	---	---
24	1000	500	771	1000	600	800	900	510	721	---	---	---
25	1000	500	758	900	600	800	910	540	722	---	---	---
26	1000	600	790	900	546	787	920	530	729	---	---	---
27	1000	500	765	1000	500	780	910	530	730	---	---	---
28	1000	500	775	1000	500	776	910	520	714	---	---	---
29	---	---	---	1000	500	757	910	540	714	---	---	---
30	---	---	---	1000	500	770	900	530	712	---	---	---
31	---	---	---	900	500	708	---	---	---	---	---	---
MONTH DAY	1000 MAX	500 MIN	780 MEAN	1000 MAX	500 MIN	774 MEAN	1000 MAX	490 MIN	725 MEAN	900 MAX	520 MIN	727 MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	930	560	758	---	---	---	---	---	---
2	---	---	---	940	580	760	---	---	---	---	---	---
3	---	---	---	920	560	762	---	---	---	---	---	---
4	---	---	---	920	580	760	---	---	---	---	---	---
5	---	---	---	940	580	766	---	---	---	---	---	---
6	---	---	---	950	580	773	1250	710	1020	---	---	---
7	---	---	---	---	---	---	1330	730	1030	---	---	---
8	---	---	---	---	---	---	1330	730	1020	---	---	---
9	---	---	---	---	---	---	1290	730	1020	---	---	---
10	---	---	---	---	---	---	1270	740	1000	---	---	---
11	---	---	---	---	---	---	1270	740	1010	---	---	---
12	1010	550	776	---	---	---	1270	730	1010	---	---	---
13	1030	610	807	---	---	---	1270	720	1020	---	---	---
14	1020	590	800	---	---	---	1270	730	1020	---	---	---
15	1010	590	793	---	---	---	1290	730	1020	---	---	---
16	1010	590	786	1170	700	945	1250	710	1010	---	---	---
17	1000	550	752	1270	710	1020	---	---	---	---	---	---
18	920	570	739	1270	710	1030	---	---	---	---	---	---
19	930	560	755	1270	730	1020	---	---	---	---	---	---
20	940	560	778	1230	730	1030	---	---	---	---	---	---
21	950	560	766	1270	790	1050	---	---	---	---	---	---
22	960	580	774	1290	750	1060	---	---	---	1190	710	826
23	940	570	775	1300	830	1080	---	---	---	1200	710	825
24	950	560	766	1290	850	1080	---	---	---	---	---	---
25	930	580	771	---	---	---	---	---	---	---	---	---
26	930	560	757	---	---	---	---	---	---	---	---	---
27	950	560	753	---	---	---	---	---	---	---	---	---
28	920	570	756	---	---	---	---	---	---	---	---	---
29	930	570	761	---	---	---	---	---	---	---	---	---
30	920	560	757	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH YEAR	1030 1330	550 490	770 801	1300	560	926	1330	710	1020	1200	710	825

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 200 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	2030	1710	1880	2660	2340	2510	2770	2620	2690
2	---	---	---	2050	1630	1890	2680	2370	2520	2770	2630	2690
3	---	---	---	2070	1750	1900	2690	2390	2550	2760	2630	2690
4	---	---	---	2080	1770	1920	2720	2410	2570	2740	2630	2680
5	---	---	---	2110	1790	1950	2740	2430	2600	2720	2630	2670
6	---	---	---	2130	1810	1960	2760	2450	2600	2740	2640	2690
7	---	---	---	2050	1840	1970	2790	2470	2620	---	---	---
8	---	---	---	2160	1860	2010	2860	2490	2720	---	---	---
9	---	---	---	2180	1880	2040	2840	2680	2760	---	---	---
10	---	---	---	2200	1900	2050	2830	2650	2730	---	---	---
11	---	---	---	2130	1920	2050	2830	2640	2720	---	---	---
12	---	---	---	2250	1940	2080	2850	2640	2730	---	---	---
13	---	---	---	2270	1960	2110	2860	2630	2730	---	---	---
14	---	---	---	2290	1980	2130	2850	2630	2720	---	---	---
15	---	---	---	2310	2000	2150	2850	2630	2720	---	---	---
16	---	---	---	2330	2020	2190	2850	2630	2720	---	---	---
17	---	---	---	2350	2040	2210	2850	2620	2720	---	---	---
18	---	---	---	2370	2060	2210	2840	2630	2710	---	---	---
19	---	---	---	2400	2090	2250	2820	2640	2720	---	---	---
20	---	---	---	2420	2110	2260	2800	2640	2710	---	---	---
21	---	---	---	2440	2120	2280	2800	2630	2700	---	---	---
22	---	---	---	2460	2140	2300	2800	2630	2700	---	---	---
23	---	---	---	2480	2170	2320	2800	2630	2700	---	---	---
24	1920	1610	1770	2500	2190	2340	2820	2610	2700	---	---	---
25	1940	1630	1770	2510	2210	2370	2810	2620	2700	---	---	---
26	1950	1650	1790	2530	2230	2390	2810	2610	2690	---	---	---
27	1980	1590	1820	2560	2250	2420	2790	2610	2680	---	---	---
28	2000	1690	1840	2580	2270	2450	2810	2610	2690	---	---	---
29	---	---	---	2700	2280	2460	2800	2620	2700	---	---	---
30	---	---	---	2720	2300	2480	2810	2620	2700	---	---	---
31	---	---	---	2640	2320	2480	---	---	---	---	---	---
MONTH DAY	2000 MAX	1590 MIN	1800 MEAN	2720 MAX	1630 MIN	2180 MEAN	2860 MAX	2340 MIN	2680 MEAN	2770 MAX	2620 MIN	2680 MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	4330	3930	4080	---	---	---
7	---	---	---	---	---	---	4310	3930	4090	---	---	---
8	---	---	---	---	---	---	4310	3930	4080	---	---	---
9	---	---	---	---	---	---	4310	3950	4080	---	---	---
10	---	---	---	---	---	---	4370	3960	4120	---	---	---
11	---	---	---	---	---	---	4390	3950	4130	---	---	---
12	2940	2790	2850	---	---	---	4360	3950	4110	---	---	---
13	2970	2770	2850	---	---	---	4310	3930	4100	---	---	---
14	3010	2790	2860	---	---	---	4350	3950	4100	---	---	---
15	3020	2810	2890	---	---	---	4310	3950	4100	---	---	---
16	3010	2800	2880	4140	3850	3980	4330	3990	4110	---	---	---
17	---	---	---	4180	3920	4020	---	---	---	---	---	---
18	---	---	---	4200	3890	4030	---	---	---	---	---	---
19	---	---	---	4210	3930	4030	---	---	---	---	---	---
20	---	---	---	4190	3950	4040	---	---	---	---	---	---
21	---	---	---	4190	3910	4030	---	---	---	---	---	---
22	---	---	---	4170	3900	4020	---	---	---	4350	4110	4260
23	---	---	---	4170	3900	4010	---	---	---	4350	4110	4190
24	---	---	---	4170	3940	4030	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH YEAR	3020 4390	2770 1590	2870 2800	4210	3850	4020	4390	3930	4100	4350	4110	4220

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 170 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	765	487	615	730	460	602	680	460	565	770	490	607
2	770	480	622	720	460	616	680	450	542	740	490	616
3	820	480	610	720	470	610	670	450	545	710	470	586
4	760	470	601	750	490	616	650	440	534	740	470	592
5	800	480	623	720	480	596	710	450	563	710	470	580
6	780	500	628	720	490	598	720	470	570	720	510	589
7	750	480	612	700	480	593	730	450	577	720	500	592
8	840	470	610	690	480	593	730	460	593	710	460	567
9	770	470	608	690	460	586	750	460	586	---	---	---
10	810	490	618	720	460	582	720	470	583	---	---	---
11	770	480	616	680	450	576	740	470	597	---	---	---
12	770	490	625	700	470	587	730	470	577	---	---	---
13	760	470	619	710	460	596	720	470	596	---	---	---
14	740	470	636	700	470	607	740	480	619	---	---	---
15	740	460	651	700	460	601	750	470	614	---	---	---
16	750	480	652	690	480	600	730	470	583	---	---	---
17	740	470	633	700	480	599	780	470	603	---	---	---
18	760	480	634	710	450	592	760	470	615	---	---	---
19	780	470	649	710	460	596	810	490	611	---	---	---
20	760	490	635	730	460	580	810	490	605	---	---	---
21	760	480	611	720	460	579	790	510	612	---	---	---
22	740	460	609	740	480	592	810	490	616	---	---	---
23	720	470	605	700	440	577	800	490	613	---	---	---
24	710	460	617	740	480	582	790	500	598	---	---	---
25	730	500	616	730	450	581	770	500	598	---	---	---
26	710	450	602	700	460	576	740	500	579	---	---	---
27	690	470	617	680	460	578	730	500	588	---	---	---
28	710	480	595	700	490	600	770	490	611	---	---	---
29	720	450	596	690	460	594	750	470	578	---	---	---
30	700	470	595	680	450	584	770	470	609	---	---	---
31	710	460	608	---	---	---	770	490	603	---	---	---
MONTH	840	450	618	750	440	592	810	440	590	770	460	591
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	800	550	669	860	600	712	820	550	679
2	---	---	---	770	550	660	880	580	706	840	560	671
3	---	---	---	810	560	640	880	550	696	840	570	678
4	---	---	---	770	550	636	860	550	688	800	550	663
5	---	---	---	800	550	641	880	560	704	810	560	655
6	---	---	---	790	520	641	890	550	706	840	560	667
7	---	---	---	740	550	623	860	560	667	780	560	668
8	---	---	---	790	550	626	880	560	721	840	550	675
9	---	---	---	750	550	624	860	570	723	780	560	673
10	710	540	610	720	540	614	860	580	742	830	550	692
11	760	540	634	750	560	652	860	570	745	850	560	698
12	800	530	624	780	550	651	890	570	743	870	550	706
13	770	530	638	790	550	635	870	580	703	860	550	695
14	870	550	690	800	560	645	920	560	717	860	550	682
15	910	590	721	840	530	675	910	550	725	850	560	669
16	830	550	665	870	570	686	880	570	721	830	550	655
17	830	570	677	840	570	679	880	540	710	870	550	667
18	850	580	679	850	530	670	880	540	701	820	550	675
19	830	560	673	850	570	669	855	540	676	830	560	662
20	760	580	662	840	570	662	880	560	697	800	530	653
21	760	580	643	790	540	646	820	540	661	810	560	676
22	800	530	648	830	570	678	840	540	661	830	570	695
23	770	540	636	830	560	665	810	540	684	810	560	690
24	840	530	639	860	570	654	810	530	674	830	550	680
25	810	530	649	850	540	671	840	560	692	820	550	667
26	840	540	661	830	540	693	840	550	713	850	550	699
27	810	520	651	840	540	673	810	550	673	830	550	679
28	810	533	679	810	540	692	810	550	649	850	550	693
29	840	530	688	850	540	683	810	560	659	890	560	686
30	---	---	---	850	560	704	830	550	680	860	560	682
31	---	---	---	830	560	696	---	---	---	860	550	683
MONTH	910	520	658	870	520	660	920	530	698	890	530	678

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 190 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1150	719	916	1150	680	927	1150	680	899	950	640	810
2	1190	708	950	1150	680	935	1140	520	828	950	680	815
3	1190	707	943	1170	680	924	860	510	733	950	720	829
4	1180	705	941	1180	680	923	850	500	710	950	710	811
5	1180	714	944	1150	680	911	870	590	748	970	530	797
6	1190	702	943	1160	680	911	860	600	747	970	670	816
7	1180	700	933	1140	680	904	880	640	758	1000	700	821
8	1200	689	935	1140	680	908	1000	660	795	970	680	808
9	1170	697	927	1130	680	902	1030	640	767	---	---	---
10	1180	716	941	1130	670	904	970	680	776	---	---	---
11	1160	705	932	1120	670	899	900	440	762	---	---	---
12	1160	683	941	1130	680	927	870	690	768	---	---	---
13	1150	702	959	1130	710	934	880	650	764	---	---	---
14	1140	751	967	1130	670	927	870	690	775	---	---	---
15	1130	779	971	1140	680	930	870	590	769	---	---	---
16	1140	778	969	1130	670	931	860	580	755	---	---	---
17	1170	746	965	1140	670	930	890	690	785	---	---	---
18	1160	685	955	1150	680	914	890	710	786	---	---	---
19	1170	684	967	1150	680	919	1070	670	800	---	---	---
20	1170	681	944	1150	680	899	910	640	792	---	---	---
21	1170	691	928	1160	680	915	910	540	771	---	---	---
22	1170	690	941	1150	690	909	920	520	766	---	---	---
23	1180	690	932	1150	690	907	910	490	764	---	---	---
24	1180	690	932	1150	680	904	900	540	771	---	---	---
25	1150	680	918	1160	690	899	930	540	781	---	---	---
26	1170	690	933	1130	690	894	910	550	771	---	---	---
27	1170	680	929	1130	680	893	900	660	789	---	---	---
28	1160	670	901	1140	680	911	970	720	815	---	---	---
29	1160	680	912	1130	680	906	950	530	785	---	---	---
30	1150	670	915	1130	680	906	990	710	839	---	---	---
31	1160	680	931	---	---	---	990	710	823	---	---	---
MONTH	1200	670	939	1180	670	913	1150	440	780	1000	530	813
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	1140	690	928	1170	710	941	1140	700	913
2	---	---	---	1130	690	920	1250	710	940	1150	700	912
3	---	---	---	1140	700	912	1210	710	938	1150	700	914
4	---	---	---	1130	680	909	1170	730	943	1150	700	911
5	---	---	---	1140	680	912	1200	720	943	1140	700	894
6	---	---	---	1110	720	905	1200	720	946	1130	710	904
7	---	---	---	1160	700	905	1200	710	949	1130	700	915
8	---	---	---	1130	710	912	1270	720	969	1130	700	914
9	---	---	---	1110	700	902	1290	770	992	1130	690	916
10	1080	700	887	1130	690	884	1170	720	975	1140	700	920
11	1080	690	884	1140	700	912	1200	730	978	1170	700	936
12	1110	690	902	1100	690	897	1180	710	962	1170	700	935
13	1270	730	967	1120	690	908	1190	710	951	1140	710	922
14	1270	731	1000	1160	690	921	1180	730	958	1160	710	918
15	1270	730	1010	1250	729	976	1190	730	961	1160	710	916
16	1290	670	978	1230	710	960	1200	730	946	1150	710	911
17	1270	670	974	1230	690	956	1210	730	943	1140	700	917
18	1190	650	921	1230	690	940	1190	730	940	1140	700	908
19	1180	660	915	1180	660	914	1160	730	922	1130	700	901
20	1170	630	899	1180	660	918	1140	720	930	1120	700	901
21	1140	660	896	1270	670	933	1130	710	910	1110	700	912
22	1140	680	908	1230	730	939	1120	700	918	1120	700	917
23	1130	720	908	1170	700	923	1110	700	929	1110	700	928
24	1130	720	898	1110	700	905	1120	700	915	1110	690	919
25	1130	710	905	1120	700	915	1120	750	950	1140	700	918
26	1110	700	923	1230	700	922	1100	690	926	1100	710	954
27	1140	700	916	1160	690	948	1110	690	922	1140	710	938
28	1150	700	940	1230	713	966	1120	690	910	1160	700	927
29	1130	690	928	1150	700	957	1140	690	918	1180	700	929
30	---	---	---	1160	690	946	1140	700	917	1180	710	934
31	---	---	---	1170	710	946	---	---	---	1180	700	932
MONTH	1290	630	928	1270	660	926	1290	690	941	1180	690	919

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 200 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	4340	4140	4220	4290	3940	4090	3830	3500	3640	7630	6690	7060
2	4330	4090	4200	4270	3920	4060	3880	3480	3650	6850	6150	6450
3	4360	4080	4210	4250	3910	4050	3890	3520	3690	6220	5790	6040
4	4370	4090	4210	4270	3860	4030	3830	3400	3590	5970	5550	5790
5	4360	4050	4180	4260	3860	4030	3680	3380	3520	5710	5340	5510
6	4350	4030	4170	4240	3840	4010	3700	3400	3550	5530	5060	5290
7	4390	4050	4190	4210	3850	4000	3750	3370	3560	5130	4760	4950
8	4380	4020	4190	4170	3840	3990	3670	3380	3510	4970	4390	4680
9	4360	4040	4180	4160	3840	3970	3690	3400	3540	---	---	---
10	4330	4020	4170	4130	3830	3960	3700	3300	3530	---	---	---
11	4330	4040	4170	4120	3820	3950	3730	3400	3550	---	---	---
12	4310	4040	4170	4030	3800	3910	3730	3370	3520	---	---	---
13	4260	4060	4160	4010	3770	3890	3670	3260	3440	---	---	---
14	4250	4070	4160	4000	3760	3870	3630	3260	3420	---	---	---
15	4240	4080	4160	3990	3730	3850	3630	3240	3410	---	---	---
16	4260	4090	4160	4000	3730	3840	3690	3300	3500	---	---	---
17	4270	4080	4170	3990	3720	3820	3660	3240	3490	---	---	---
18	4310	4060	4170	4010	3690	3820	3660	3200	3470	---	---	---
19	4280	4030	4140	4020	3670	3800	3660	3150	3390	---	---	---
20	4300	4040	4150	4000	3640	3800	3600	3170	3390	---	---	---
21	4530	4030	4240	4020	3610	3780	5700	3330	4350	---	---	---
22	4500	4140	4280	3990	3600	3770	5310	4320	4900	---	---	---
23	4460	4100	4250	3960	3570	3750	5300	4390	4840	---	---	---
24	4420	4060	4220	3940	3560	3730	5400	4430	4890	---	---	---
25	4410	4050	4220	3920	3560	3720	5030	4390	4750	---	---	---
26	4370	4030	4180	3900	3550	3710	5020	4600	4850	---	---	---
27	4370	4020	4170	3870	3550	3690	6110	4870	5460	---	---	---
28	4350	4030	4180	3840	3530	3660	7190	5830	6350	---	---	---
29	4320	4010	4150	3860	3530	3660	8890	7320	8090	---	---	---
30	4320	3980	4130	3850	3510	3650	9200	8650	8980	---	---	---
31	4290	3970	4100	---	---	---	8730	7470	8160	---	---	---
MONTH	4530	3970	4180	4290	3510	3860	9200	3150	4390	7630	4390	5720
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	4160	3910	4010	4250	4020	4110	4400	4150	4250
2	---	---	---	4170	3920	4020	4260	4010	4120	4410	4150	4260
3	---	---	---	4210	3950	4050	4280	4000	4130	4410	4150	4260
4	---	---	---	4220	3950	4060	4260	4010	4120	4410	4150	4270
5	---	---	---	4230	3950	4070	4260	4040	4130	4430	4170	4280
6	---	---	---	4210	3960	4070	4290	4050	4140	4420	4180	4280
7	---	---	---	4210	3980	4080	4250	4060	4150	4430	4180	4270
8	---	---	---	4230	4000	4100	4240	4010	4120	4380	4170	4270
9	---	---	---	4240	4010	4110	4190	3980	4100	4390	4180	4270
10	4960	4570	4690	4320	4020	4140	4210	4030	4100	4410	4180	4270
11	4760	4540	4630	4240	4030	4130	4230	4050	4110	4410	4180	4260
12	4580	4190	4350	4270	4050	4150	4300	4050	4130	4420	4170	4270
13	4390	3880	4200	4310	4060	4160	4300	4050	4140	4450	4180	4280
14	4390	3990	4160	4370	4080	4190	4290	4020	4130	4460	4190	4300
15	4430	3970	4150	4360	4030	4170	4320	4030	4140	4490	4200	4310
16	4450	3950	4160	4410	4030	4180	4330	4030	4160	4480	4210	4330
17	4380	3910	4120	4410	4030	4180	4320	4030	4160	4470	4210	4320
18	4380	3860	4060	4420	4000	4180	4340	4060	4180	4460	4230	4330
19	4190	3840	3990	4380	4050	4180	4360	4080	4200	4460	4240	4340
20	4190	3830	3990	4420	4050	4200	4330	4090	4200	4460	4240	4350
21	4150	3850	3990	4360	4050	4190	4350	4090	4220	4440	4250	4340
22	4150	3860	3990	4360	4070	4170	4330	4130	4220	4430	4260	4340
23	4150	3880	4000	4300	4050	4150	4300	4130	4210	4420	4280	4340
24	4140	3910	4010	4260	4050	4140	4330	4140	4230	4460	4280	4350
25	4110	3920	4010	4260	4070	4140	4300	4140	4210	4450	4280	4360
26	4100	3930	4000	4240	4050	4140	4340	4150	4220	4430	4270	4340
27	4130	3920	4010	4300	4100	4170	4360	4160	4240	4440	4270	4350
28	4110	3920	3990	4280	3980	4130	4370	4160	4250	4470	4270	4360
29	4120	3910	4000	4270	4050	4130	4390	4140	4240	4500	4260	4360
30	---	---	---	4260	4030	4130	4380	4140	4250	4490	4260	4360
31	---	---	---	4260	4020	4110	---	---	---	4490	4260	4360
MONTH	4960	3830	4120	4420	3910	4130	4390	3980	4170	4500	4150	4310

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 170 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	870	530	700	---	---	---	---	---	---	---	---	---
2	870	530	693	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	870	530	696	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	---	---	---	660	460	572
2	---	---	---	---	---	---	---	---	---	660	460	552
3	---	---	---	---	---	---	---	---	---	680	460	557
4	---	---	---	---	---	---	---	---	---	660	460	557
5	---	---	---	---	---	---	---	---	---	680	460	551
6	---	---	---	---	---	---	---	---	---	660	460	536
7	---	---	---	---	---	---	---	---	---	660	460	530
8	---	---	---	---	---	---	---	---	---	660	460	546
9	---	---	---	---	---	---	---	---	---	640	420	540
10	---	---	---	---	---	---	---	---	---	660	420	539
11	---	---	---	---	---	---	---	---	---	640	420	535
12	---	---	---	---	---	---	---	---	---	620	420	538
13	---	---	---	---	---	---	560	450	480	620	460	543
14	---	---	---	---	---	---	630	450	521	620	460	557
15	---	---	---	---	---	---	630	450	532	620	460	546
16	---	---	---	---	---	---	610	450	527	640	420	547
17	---	---	---	---	---	---	620	460	522	640	460	550
18	---	---	---	---	---	---	620	460	530	620	460	517
19	---	---	---	---	---	---	610	460	524	640	460	536
20	---	---	---	---	---	---	640	460	539	640	460	550
21	---	---	---	---	---	---	640	460	543	660	460	552
22	---	---	---	---	---	---	630	460	538	680	480	576
23	---	---	---	---	---	---	640	460	531	680	480	583
24	---	---	---	---	---	---	630	460	544	680	480	595
25	---	---	---	---	---	---	640	460	550	680	480	593
26	---	---	---	---	---	---	640	460	553	680	500	595
27	---	---	---	---	---	---	650	460	563	680	480	594
28	---	---	---	---	---	---	640	460	568	700	480	641
29	---	---	---	---	---	---	660	460	578	680	480	618
30	---	---	---	---	---	---	650	460	572	700	480	619
31	---	---	---	---	---	---	---	---	---	700	500	625
MONTH	---	---	---	---	---	---	660	450	540	700	420	564

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 190 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1410	790	1130	---	---	---	---	---	---	---	---	---
2	1490	790	1140	---	---	---	1190	670	938	---	---	---
3	---	---	---	---	---	---	1170	650	936	---	---	---
4	---	---	---	---	---	---	1250	670	972	---	---	---
5	---	---	---	---	---	---	1190	650	951	---	---	---
6	---	---	---	---	---	---	1190	650	934	---	---	---
7	---	---	---	---	---	---	1270	650	968	---	---	---
8	---	---	---	---	---	---	1270	710	979	---	---	---
9	---	---	---	---	---	---	1310	710	982	---	---	---
10	---	---	---	---	---	---	1270	690	967	---	---	---
11	---	---	---	---	---	---	1270	690	951	---	---	---
12	---	---	---	---	---	---	1230	690	961	---	---	---
13	---	---	---	---	---	---	1250	650	968	---	---	---
14	---	---	---	---	---	---	1270	730	990	---	---	---
15	---	---	---	---	---	---	1330	730	1020	---	---	---
16	---	---	---	---	---	---	1310	790	1010	---	---	---
17	---	---	---	---	---	---	1290	730	988	---	---	---
18	---	---	---	---	---	---	1350	730	1030	---	---	---
19	---	---	---	---	---	---	1350	750	1040	---	---	---
20	---	---	---	---	---	---	1270	790	1050	---	---	---
21	---	---	---	---	---	---	1430	810	1110	---	---	---
22	---	---	---	---	---	---	1430	810	1110	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	1490	790	1130	---	---	---	1430	650	993	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	1380	820	1120
20	---	---	---	---	---	---	---	---	---	1420	820	1130
21	---	---	---	---	---	---	---	---	---	1420	820	1140
22	---	---	---	---	---	---	---	---	---	1420	840	1130
23	---	---	---	---	---	---	---	---	---	1400	780	1120
24	---	---	---	---	---	---	---	---	---	1420	840	1150
25	---	---	---	---	---	---	---	---	---	1400	840	1150
26	---	---	---	---	---	---	---	---	---	1420	800	1140
27	---	---	---	---	---	---	---	---	---	1460	820	1160
28	---	---	---	---	---	---	---	---	---	1440	860	1180
29	---	---	---	---	---	---	---	---	---	1400	880	1160
30	---	---	---	---	---	---	---	---	---	1540	860	1180
31	---	---	---	---	---	---	---	---	---	1460	880	1200
MONTH	---	---	---	---	---	---	---	---	---	1540	780	1150

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 200 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5390	4930	5140	---	---	---	---	---	---	7530	6230	6670
2	5390	4930	5140	---	---	---	4350	4090	4220	7830	6210	6780
3	---	---	---	---	---	---	4290	4070	4180	7570	5990	6470
4	---	---	---	---	---	---	4230	4030	4130	7650	5770	6190
5	---	---	---	---	---	---	4170	3950	4070	6970	5670	6130
6	---	---	---	---	---	---	4150	3850	3970	8110	6030	6990
7	---	---	---	---	---	---	4050	3810	3910	8250	6170	6940
8	---	---	---	---	---	---	4130	3810	3950	7270	6010	6780
9	---	---	---	---	---	---	4130	3830	3970	5970	5050	5500
10	---	---	---	---	---	---	4130	3930	4020	5530	4910	5150
11	---	---	---	---	---	---	4270	4050	4180	7030	5590	6350
12	---	---	---	---	---	---	4430	3870	4110	7790	7030	7490
13	---	---	---	---	---	---	4270	3850	4050	7530	5390	6730
14	---	---	---	---	---	---	5110	4290	4720	6330	4770	5330
15	---	---	---	---	---	---	4850	4270	4610	5470	4890	5190
16	---	---	---	---	---	---	4670	4170	4320	6150	5450	5700
17	---	---	---	---	---	---	7390	4710	5760	7030	6140	6370
18	---	---	---	---	---	---	7830	7270	7590	9510	7110	8170
19	---	---	---	---	---	---	7570	7030	7250	---	---	---
20	---	---	---	---	---	---	7990	7520	7710	---	---	---
21	---	---	---	---	---	---	8930	8130	8520	---	---	---
22	---	---	---	---	---	---	9490	9050	9240	---	---	---
23	---	---	---	---	---	---	9630	6750	8250	---	---	---
24	---	---	---	---	---	---	6910	6590	6740	---	---	---
25	---	---	---	---	---	---	7390	6230	6890	---	---	---
26	---	---	---	---	---	---	7970	6970	7670	---	---	---
27	---	---	---	---	---	---	7670	7250	7460	---	---	---
28	---	---	---	---	---	---	7190	5590	6160	5790	5410	5600
29	---	---	---	---	---	---	7710	6890	7420	5400	5120	5260
30	---	---	---	---	---	---	7130	5670	6430	5110	4910	5010
31	---	---	---	---	---	---	7370	6450	6890	4900	4740	4820
MONTH	5390	4930	5140	---	---	---	9630	3810	5750	9510	4740	6160
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	4740	4600	4660	4860	4730	4790	4340	4220	4280	4340	4080	4210
2	4600	4490	4540	---	---	---	4360	4220	4280	4360	4100	4230
3	4490	4400	4440	4220	3940	4090	4360	4210	4280	4360	4080	4220
4	4400	4310	4360	4240	3950	4110	4380	4180	4280	4360	4080	4220
5	4320	4240	4280	4240	3960	4130	4380	4190	4290	4360	4080	4240
6	4240	4190	4220	4260	4000	4150	4400	4180	4300	4380	4100	4250
7	4180	4120	4160	4270	4000	4150	4410	4200	4300	4380	4100	4250
8	4110	4020	4080	4270	4010	4160	4390	4210	4300	4380	4120	4240
9	4040	3960	4000	4270	4010	4160	4400	4220	4310	4380	4120	4250
10	3980	3930	3960	4280	4030	4180	4380	4250	4310	4380	4120	4250
11	3950	3920	3930	4280	4050	4190	4370	4260	4310	4380	4140	4260
12	3940	3910	3920	4280	4080	4200	---	---	---	4380	4140	4260
13	3930	3900	3920	4280	4100	4210	4280	4070	4190	4380	4140	4260
14	3930	3900	3910	4290	4110	4220	4290	4050	4170	4380	4140	4260
15	3930	3890	3910	4300	4140	4230	4300	4050	4190	4380	4160	4270
16	3930	3890	3910	4300	4170	4240	4310	4060	4190	4400	4160	4270
17	3920	3880	3900	4300	4160	4240	4310	4070	4200	4400	4160	4270
18	3920	3880	3900	4310	4180	4240	4310	4060	4200	4560	4180	4360
19	3920	3880	3900	4310	4180	4240	4320	4070	4210	4480	4280	4370
20	3920	3880	3900	4310	4170	4240	4320	4070	4200	4480	4300	4380
21	3920	3880	3900	4330	4180	4250	4310	4070	4200	4520	4320	4410
22	---	---	---	4330	4160	4250	4320	4070	4210	4520	4320	4430
23	4930	4740	4830	4310	4180	4250	4330	4080	4220	4560	4340	4430
24	4940	4720	4810	4340	4200	4270	4330	4070	4210	4540	4340	4430
25	4890	4720	4800	4330	4200	4270	4330	4080	4210	4540	4340	4440
26	4900	4740	4800	4330	4210	4270	4320	4080	4210	4560	4340	4440
27	4880	4730	4800	4330	4220	4280	4330	4070	4210	4540	4340	4430
28	4880	4730	4800	4330	4230	4280	4320	4080	4190	4520	4360	4430
29	---	---	---	4330	4240	4280	4320	4070	4190	4540	4360	4450
30	---	---	---	4330	4230	4280	4340	4080	4200	4580	4380	4450
31	---	---	---	4350	4240	4290	---	---	---	4560	4400	4460
MONTH	4940	3880	4240	4860	3940	4240	4410	4050	4240	4580	4080	4330

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 170 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	680	500	579	660	460	574	640	460	532
2	---	---	---	700	500	585	660	480	555	720	500	596
3	---	---	---	700	500	602	660	480	531	880	560	667
4	---	---	---	700	500	602	660	460	547	760	520	620
5	---	---	---	720	480	600	660	460	543	700	500	579
6	---	---	---	700	500	600	660	480	553	700	480	563
7	---	---	---	700	480	589	660	480	547	680	480	563
8	---	---	---	660	460	568	680	460	565	680	440	543
9	---	---	---	660	480	564	680	480	558	540	400	468
10	---	---	---	700	460	561	680	480	554	720	480	647
11	---	---	---	700	480	562	680	480	552	780	419	634
12	---	---	---	700	480	563	680	480	556	680	400	480
13	---	---	---	700	480	562	660	480	537	580	400	473
14	---	---	---	700	480	570	660	460	536	560	400	478
15	---	---	---	700	480	570	680	460	549	580	400	475
16	---	---	---	640	460	535	660	480	538	580	420	478
17	---	---	---	700	460	551	640	460	537	553	420	474
18	---	---	---	660	480	544	640	460	529	580	420	473
19	---	---	---	660	460	549	660	460	539	580	400	473
20	---	---	---	660	460	554	660	460	546	500	420	462
21	---	---	---	660	480	550	640	460	555	540	420	474
22	---	---	---	660	480	566	640	460	547	540	420	466
23	---	---	---	640	460	550	640	460	544	580	400	465
24	---	---	---	660	480	565	620	460	535	560	420	478
25	---	---	---	660	460	557	680	460	565	560	400	485
26	680	500	599	660	480	560	680	480	567	580	400	476
27	680	500	592	680	480	562	680	460	553	560	400	477
28	680	480	591	660	480	557	680	460	551	580	420	488
29	700	500	602	680	480	576	680	460	541	560	420	483
30	680	500	593	660	460	575	680	460	544	580	420	488
31	680	500	577	---	---	---	680	460	551	560	420	489
MONTH	700	480	592	720	460	568	680	460	548	880	400	514
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	670	400	507	---	---	---	---	---	---	---	---	---
2	670	490	555	---	---	---	---	---	---	---	---	---
3	670	490	557	---	---	---	---	---	---	---	---	---
4	680	480	562	---	---	---	---	---	---	860	610	733
5	660	480	549	---	---	---	---	---	---	830	580	700
6	670	480	563	---	---	---	---	---	---	810	560	684
7	690	490	563	---	---	---	---	---	---	800	560	685
8	680	490	566	---	---	---	---	---	---	790	550	673
9	690	500	574	---	---	---	---	---	---	790	560	673
10	690	490	562	---	---	---	---	---	---	790	550	667
11	670	490	555	---	---	---	---	---	---	780	530	654
12	680	490	549	---	---	---	---	---	---	790	530	667
13	---	---	---	---	---	---	---	---	---	770	540	669
14	---	---	---	---	---	---	---	---	---	770	550	673
15	---	---	---	---	---	---	---	---	---	760	540	671
16	---	---	---	---	---	---	---	---	---	780	540	688
17	---	---	---	---	---	---	---	---	---	810	550	687
18	---	---	---	---	---	---	---	---	---	810	530	686
19	---	---	---	---	---	---	---	---	---	810	530	677
20	---	---	---	---	---	---	---	---	---	820	540	692
21	---	---	---	---	---	---	---	---	---	810	530	683
22	---	---	---	---	---	---	---	---	---	800	530	678
23	---	---	---	---	---	---	---	---	---	780	520	671
24	---	---	---	---	---	---	---	---	---	780	510	664
25	---	---	---	---	---	---	---	---	---	770	520	659
26	---	---	---	---	---	---	---	---	---	780	520	654
27	---	---	---	---	---	---	---	---	---	770	520	657
28	---	---	---	---	---	---	---	---	---	790	520	657
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	770	510	636
31	---	---	---	---	---	---	---	---	---	780	510	662
MONTH	690	400	555	---	---	---	---	---	---	860	510	674

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 190 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	1400	800	1100	1440	780	1120	1460	740	1090
2	---	---	---	1360	800	1100	1420	760	1100	1460	760	1110
3	---	---	---	1340	820	1110	1400	740	1100	1420	720	1100
4	---	---	---	1300	820	1100	1400	760	1120	1420	740	1090
5	---	---	---	1340	840	1110	1420	740	1100	1420	740	1090
6	---	---	---	1380	820	1110	1400	760	1090	1440	760	1100
7	---	---	---	1340	800	1080	1460	780	1090	1480	780	1130
8	---	---	---	1360	740	1070	1440	760	1100	1500	680	1090
9	---	---	---	1400	660	1050	1500	680	1110	1520	480	1030
10	---	---	---	1460	660	1070	1520	680	1110	1700	660	1170
11	---	---	---	1460	669	1080	1540	680	1110	1720	660	1130
12	---	---	---	1480	660	1070	1520	680	1100	1500	460	963
13	---	---	---	1480	680	1070	1500	680	1100	1500	480	1040
14	---	---	---	1480	680	1080	1520	680	1100	1500	540	1030
15	---	---	---	1460	660	1070	1520	680	1100	1440	540	1010
16	---	---	---	1440	680	1070	1440	700	1100	1400	540	995
17	---	---	---	1480	700	1110	1440	780	1110	1180	580	1010
18	---	---	---	1420	740	1100	1400	800	1110	1180	800	1020
19	---	---	---	1400	800	1100	1360	820	1110	1180	800	1020
20	---	---	---	1360	780	1070	1380	820	1120	1160	840	1030
21	---	---	---	1380	820	1090	1380	840	1110	1180	820	1010
22	---	---	---	1380	820	1100	1390	860	1130	1180	820	1040
23	---	---	---	1380	800	1100	---	---	---	1420	820	1060
24	---	---	---	1380	820	1120	---	---	---	1440	800	1050
25	---	---	---	1400	800	1110	---	---	---	1440	500	978
26	1480	940	1240	1400	760	1090	---	---	---	1460	500	1010
27	1500	940	1250	1400	760	1110	---	---	---	1540	480	1050
28	1520	920	1240	1420	720	1090	1460	740	1120	1500	480	1000
29	1500	940	1210	1420	800	1120	1480	720	1120	1500	480	994
30	1360	840	1120	1420	820	1150	1480	700	1100	1500	500	1030
31	1380	780	1110	---	---	---	1440	720	1100	1480	520	1020
MONTH	1520	780	1190	1480	660	1090	1540	680	1110	1720	460	1050
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	1410	730	1060	---	---	---	---	---	---	---	---	---
2	1350	760	1060	---	---	---	---	---	---	---	---	---
3	1360	780	1050	---	---	---	---	---	---	---	---	---
4	1360	750	1040	---	---	---	---	---	---	1340	850	1120
5	1420	800	1110	---	---	---	---	---	---	1360	840	1120
6	1430	760	1100	---	---	---	---	---	---	1400	850	1170
7	1450	670	1080	---	---	---	---	---	---	1410	880	1170
8	1500	690	1090	---	---	---	---	---	---	1420	860	1160
9	1460	690	1080	---	---	---	---	---	---	1400	860	1160
10	1470	670	1070	---	---	---	---	---	---	1400	850	1140
11	1510	700	1100	---	---	---	---	---	---	1470	820	1170
12	1470	740	1100	---	---	---	---	---	---	1430	860	1180
13	---	---	---	---	---	---	---	---	---	1400	910	1170
14	---	---	---	---	---	---	---	---	---	1390	880	1170
15	---	---	---	---	---	---	---	---	---	1380	920	1180
16	---	---	---	---	---	---	---	---	---	1390	920	1180
17	---	---	---	---	---	---	---	---	---	1390	970	1180
18	---	---	---	---	---	---	---	---	---	1420	940	1190
19	---	---	---	---	---	---	---	---	---	1440	950	1200
20	---	---	---	---	---	---	---	---	---	1470	890	1200
21	---	---	---	---	---	---	---	---	---	1540	840	1200
22	---	---	---	---	---	---	---	---	---	1560	890	1230
23	---	---	---	---	---	---	---	---	---	1540	910	1260
24	---	---	---	---	---	---	---	---	---	1570	900	1240
25	---	---	---	---	---	---	---	---	---	1560	880	1230
26	---	---	---	---	---	---	---	---	---	1560	890	1230
27	---	---	---	---	---	---	---	---	---	1520	860	1220
28	---	---	---	---	---	---	---	---	---	1510	910	1240
29	---	---	---	---	---	---	---	---	---	1530	900	1230
30	---	---	---	---	---	---	---	---	---	1500	950	1250
31	---	---	---	---	---	---	---	---	---	1490	1030	1270
MONTH	1510	670	1080	---	---	---	---	---	---	1570	820	1190

QUALITY OF GROUND WATER

BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.--Continued

SPECIFIC CONDUCTANCE AT 200 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	5380	5160	5270	5540	5360	5440	6220	5960	6080
2	---	---	---	5360	5180	5270	5580	5380	5470	6200	5940	6050
3	---	---	---	5380	5220	5290	5580	5400	5500	6240	5960	6090
4	---	---	---	5380	5240	5300	5600	5400	5490	6260	5980	6100
5	---	---	---	5460	5240	5330	5620	5420	5530	6260	6000	6120
6	---	---	---	5440	5280	5350	5640	5460	5550	6260	6000	6120
7	---	---	---	5400	5260	5320	5660	5480	5570	6240	5980	6100
8	---	---	---	5400	5180	5280	5660	5460	5570	6280	5960	6120
9	---	---	---	5440	5220	5320	5680	5460	5570	6300	5980	6090
10	---	---	---	5400	5180	5280	5700	5480	5580	6360	6000	6260
11	---	---	---	5360	5160	5250	5720	5480	5600	6380	5980	6210
12	---	---	---	5380	5160	5260	5770	5500	5640	6340	6000	6090
13	---	---	---	5380	5160	5260	5820	5560	5680	6180	6000	6070
14	---	---	---	5400	5180	5280	5800	5560	5680	6180	6000	6070
15	---	---	---	5400	5200	5300	5840	5580	5700	6180	6000	6090
16	---	---	---	5420	5220	5310	5820	5640	5720	6180	6000	6090
17	---	---	---	5400	5220	5300	5820	5640	5720	6180	6000	6100
18	---	---	---	5420	5240	5320	5840	5680	5750	6160	6000	6090
19	---	---	---	5420	5260	5340	5840	5700	5770	6180	6000	6100
20	---	---	---	5440	5260	5360	5960	5740	5840	6180	6000	6110
21	---	---	---	5440	5300	5370	6080	5820	5940	6180	6000	6090
22	---	---	---	5460	5280	5360	6060	5860	5940	6180	6000	6100
23	---	---	---	5460	5300	5370	6060	5840	5940	6180	6000	6110
24	---	---	---	5460	5280	5360	6080	5280	5930	6400	6000	6110
25	---	---	---	5500	5300	5390	---	---	---	6460	6000	6170
26	5260	5100	5170	5500	5320	5410	6120	5860	5980	6460	6000	6180
27	5300	5100	5190	5520	5340	5420	6120	5840	5980	6440	6000	6160
28	5320	5120	5200	5540	5340	5440	6160	5880	6020	6460	6040	6180
29	5340	5140	5220	5520	5340	5420	6200	5880	6020	6540	6000	6190
30	5320	5140	5230	5520	5340	5410	6220	5900	6050	6460	6000	6200
31	5360	5140	5250	---	---	---	6220	5940	6070	6500	6000	6190
MONTH	5360	5100	5210	5540	5160	5330	6220	5280	5740	6540	5940	6120
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	6440	6000	6230	---	---	---	---	---	---	---	---	---
2	6420	6140	6280	---	---	---	---	---	---	---	---	---
3	6410	6150	6290	---	---	---	---	---	---	---	---	---
4	6440	6150	6290	---	---	---	---	---	---	6920	6670	6780
5	6390	6150	6260	---	---	---	---	---	---	6990	6690	6830
6	6440	6110	6260	---	---	---	---	---	---	6950	6660	6780
7	6450	6120	6280	---	---	---	---	---	---	6920	6660	6780
8	6470	6130	6280	---	---	---	---	---	---	6970	6680	6800
9	6470	6140	6300	---	---	---	---	---	---	6980	6690	6810
10	6480	6150	6310	---	---	---	---	---	---	7000	6720	6840
11	6470	6150	6300	---	---	---	---	---	---	7000	6680	6820
12	6470	6160	6310	---	---	---	---	---	---	6940	6690	6810
13	---	---	---	---	---	---	---	---	---	6960	6720	6820
14	---	---	---	---	---	---	---	---	---	6970	6720	6840
15	---	---	---	---	---	---	---	---	---	6940	6720	6830
16	---	---	---	---	---	---	---	---	---	6930	6720	6830
17	---	---	---	---	---	---	---	---	---	6940	6720	6830
18	---	---	---	---	---	---	---	---	---	6940	6740	6830
19	---	---	---	---	---	---	---	---	---	6950	6720	6830
20	---	---	---	---	---	---	---	---	---	7000	6730	6850
21	---	---	---	---	---	---	---	---	---	7040	6750	6860
22	---	---	---	---	---	---	---	---	---	7050	6740	6860
23	---	---	---	---	---	---	---	---	---	7020	6710	6840
24	---	---	---	---	---	---	---	---	---	7060	6720	6860
25	---	---	---	---	---	---	---	---	---	7100	6760	6890
26	---	---	---	---	---	---	---	---	---	7110	6790	6930
27	---	---	---	---	---	---	---	---	---	7120	6790	6940
28	---	---	---	---	---	---	---	---	---	7040	6760	6900
29	---	---	---	---	---	---	---	---	---	7100	6790	6920
30	---	---	---	---	---	---	---	---	---	7030	6800	6910
31	---	---	---	---	---	---	---	---	---	7010	6790	6900
MONTH	6480	6000	6280	---	---	---	---	---	---	7120	6660	6850

BEAUFORT COUNTY

321603080432203. Local number, BFT-1811.

LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park, at Hilton Head Plantation on Hilton Head Island.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Hawthorn Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 80 ft, cased to 67 ft, screened interval from 67 to 77 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.15 ft above land-surface datum.

REMARKS.--Water level affected by tidal fluctuations.

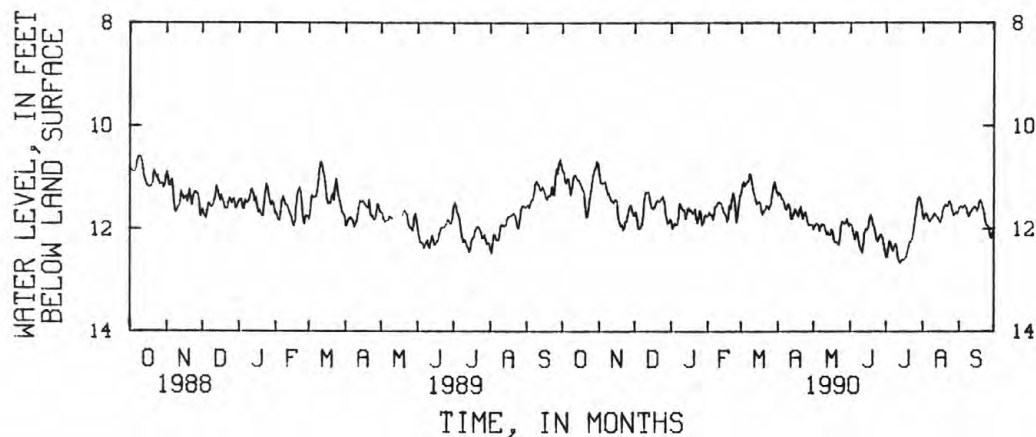
PERIOD OF RECORD.--August 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 10.33 ft below land-surface datum, Jan. 6, 1987; lowest, 12.81 ft below land-surface datum, July 23, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.87	10.95	11.70	11.84	11.74	11.31	11.35	12.02	11.92	12.56	11.75	11.61
2	10.91	11.10	11.68	12.01	11.68	11.15	11.31	11.97	11.92	12.56	11.82	11.58
3	11.08	11.12	11.83	11.95	11.72	11.09	11.34	11.92	12.04	12.39	11.74	11.57
4	11.13	11.13	12.01	11.91	11.75	11.18	11.42	11.91	12.13	12.26	11.71	11.61
5	11.05	11.11	12.01	11.93	11.83	11.13	11.44	11.94	12.22	12.28	11.76	11.57
6	11.04	11.09	11.99	11.93	11.73	11.09	11.50	12.05	12.07	12.40	11.83	11.55
7	11.22	11.22	11.92	11.80	11.59	11.10	11.61	11.97	12.09	12.44	11.87	11.60
8	11.35	11.33	11.77	11.52	11.56	10.94	11.64	11.92	12.25	12.37	11.83	11.70
9	11.21	11.32	11.42	11.56	11.51	10.95	11.55	11.94	12.37	12.31	11.80	11.77
10	11.02	11.40	11.31	11.62	11.49	11.13	11.53	11.93	12.42	12.34	11.76	11.71
11	10.97	11.47	11.31	11.65	11.50	11.27	11.62	12.05	12.48	12.57	11.71	11.68
12	10.97	11.48	11.30	11.65	11.51	11.34	11.82	12.12	12.31	12.64	11.74	11.64
13	11.03	11.51	11.30	11.81	11.59	11.45	11.81	12.08	12.09	12.68	11.77	11.61
14	11.07	11.47	11.49	11.72	11.67	11.53	11.73	12.13	12.02	12.63	11.80	11.58
15	11.07	11.45	11.59	11.62	11.72	11.51	11.63	12.13	12.03	12.62	11.86	11.59
16	11.13	11.49	11.61	11.61	11.75	11.49	11.66	12.03	11.98	12.62	11.89	11.66
17	11.20	11.80	11.63	11.66	11.87	11.51	11.71	12.05	11.81	12.59	11.80	11.61
18	11.25	11.90	11.57	11.66	11.82	11.67	11.77	12.21	11.74	12.55	11.67	11.48
19	11.28	11.96	11.51	11.71	11.56	11.73	11.63	12.27	11.79	12.48	11.59	11.45
20	11.58	11.94	11.46	11.68	11.61	11.67	11.58	12.27	11.91	12.36	11.54	11.50
21	11.78	12.03	11.47	11.63	11.45	11.65	11.72	12.29	11.98	12.27	11.56	11.61
22	11.77	12.01	11.49	11.82	11.31	11.57	11.81	12.33	12.09	12.26	11.56	11.71
23	11.62	11.88	11.44	11.90	11.39	11.58	11.72	12.22	12.22	12.21	11.48	11.85
24	11.41	11.87	11.42	11.80	11.62	11.63	11.69	11.95	12.26	12.08	11.47	11.93
25	11.26	11.76	11.38	11.66	11.88	11.58	11.78	11.87	12.20	11.93	11.54	11.95
26	11.09	11.62	11.49	11.73	11.75	11.53	11.90	11.89	12.14	11.75	11.67	12.01
27	10.95	11.57	11.70	11.93	11.50	11.35	11.94	11.91	12.12	11.55	11.74	12.15
28	10.86	11.55	11.82	11.89	11.37	11.16	11.94	11.89	12.19	11.42	11.73	12.19
29	10.82	11.67	11.91	11.77	---	11.09	11.93	11.81	12.31	11.38	11.68	12.10
30	10.70	11.75	11.89	11.74	---	11.21	11.94	11.91	12.42	11.43	11.71	12.00
31	10.74	---	11.83	11.77	---	11.29	---	11.95	---	11.57	11.69	---
TOTAL	345.43	345.95	360.25	364.48	325.47	351.88	350.02	372.93	363.52	379.50	363.07	351.57
MEAN	11.14	11.53	11.62	11.76	11.62	11.35	11.67	12.03	12.12	12.24	11.71	11.72
MAX	11.78	12.03	12.01	12.01	11.88	11.73	11.94	12.33	12.48	12.68	11.89	12.19
MIN	10.70	10.95	11.30	11.52	11.31	10.94	11.31	11.81	11.74	11.38	11.47	11.45

WTR YR 1990 TOTAL 4274.07 MEAN 11.71 HIGH 10.70 LOW 12.68



GROUND-WATER LEVELS

BEAUFORT COUNTY

321603080432204. Local number, BFT-1812.

LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park on Hilton Head Plantation on Hilton Head Island.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Sand Deposits.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 30 ft, cased to 21 ft, screened interval from 21 to 30 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

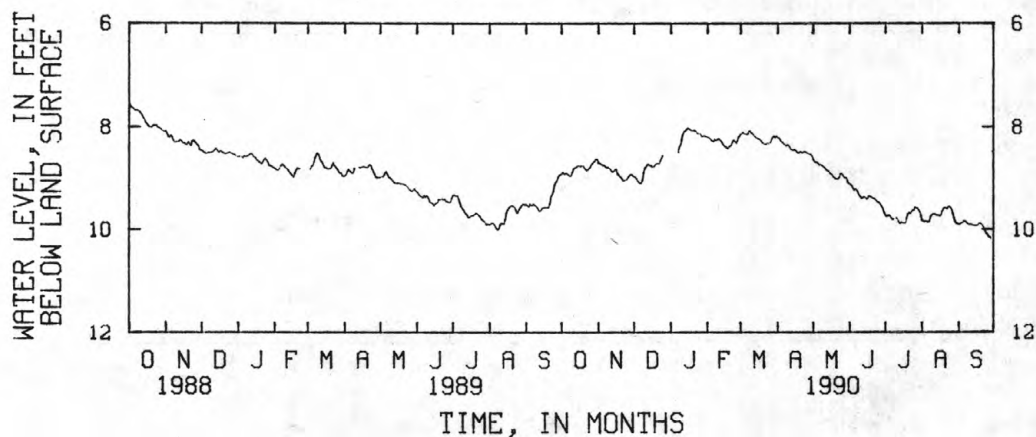
DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--August 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 7.17 ft below land-surface datum, Sept. 20, 1988; lowest, 10.19 ft below land-surface datum, Sept. 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.92	8.69	8.97	---	8.21	8.15	8.21	8.64	9.12	9.74	9.83	9.91
2	8.88	8.71	8.98	---	8.21	8.12	8.22	8.68	9.14	9.76	9.85	9.91
3	8.91	8.72	9.01	---	8.23	8.11	8.25	8.70	9.18	9.75	9.85	9.89
4	8.91	8.74	9.06	---	8.26	8.14	8.29	8.70	9.22	9.74	9.85	9.88
5	8.90	8.75	9.08	---	8.28	8.14	8.31	8.72	9.24	9.75	9.85	9.85
6	8.91	8.75	9.11	---	8.29	8.14	8.33	8.75	9.23	9.79	9.87	9.85
7	8.94	8.78	9.11	8.50	8.25	8.15	8.35	8.75	9.25	9.81	9.86	9.86
8	8.96	8.80	9.05	8.40	8.26	8.10	8.37	8.75	9.29	9.81	9.77	9.89
9	8.95	8.79	8.89	8.35	8.25	8.08	8.36	8.77	9.34	---	9.74	9.91
10	8.88	8.81	8.81	8.24	8.24	8.12	8.36	8.78	9.38	9.79	9.72	9.92
11	8.82	8.83	8.78	8.15	8.24	8.14	8.39	8.82	9.41	9.80	9.72	9.92
12	8.80	8.86	8.74	8.10	8.27	8.16	8.44	8.85	9.39	9.85	9.72	9.92
13	8.79	8.88	8.73	8.08	8.30	8.19	8.45	8.86	9.38	9.89	9.73	9.93
14	8.77	8.86	8.75	8.05	8.34	8.21	8.46	8.87	9.39	9.89	9.73	9.93
15	8.76	8.84	8.76	8.03	8.37	8.22	8.45	8.91	9.42	9.87	9.73	9.94
16	8.76	8.83	8.77	8.03	8.39	8.24	8.47	8.93	9.41	9.88	9.75	9.94
17	8.77	8.91	8.77	8.05	8.41	8.25	8.49	8.94	9.36	9.90	9.73	9.93
18	8.76	8.94	8.77	8.06	8.43	8.28	8.51	8.98	9.36	9.88	9.66	9.90
19	8.75	8.97	8.74	8.07	8.39	8.31	8.51	9.01	9.38	9.80	9.61	9.89
20	8.80	8.98	8.72	8.07	8.38	8.32	8.49	9.02	9.39	9.71	9.59	9.91
21	8.83	9.02	8.72	8.07	8.35	8.34	8.50	9.03	9.40	9.69	9.59	9.94
22	8.85	9.06	8.72	8.08	8.29	8.34	8.51	9.02	9.42	9.69	9.61	9.99
23	8.84	9.05	8.67	8.12	8.26	8.33	8.49	9.00	9.44	9.68	9.57	10.04
24	8.81	9.05	8.63	8.13	8.28	8.33	8.49	8.93	9.47	9.64	9.56	10.09
25	8.79	9.03	8.57	8.13	8.32	8.32	8.50	8.93	9.48	9.64	9.58	10.11
26	8.74	8.99	---	8.14	8.28	8.30	8.52	8.95	9.50	9.58	9.63	10.14
27	8.72	8.95	---	8.18	8.20	8.24	8.53	8.98	9.53	9.59	9.71	10.17
28	8.68	8.93	---	8.18	8.17	8.20	8.54	9.01	9.57	9.59	9.79	10.19
29	8.66	8.93	---	8.17	---	8.18	8.54	9.00	9.62	9.62	9.86	---
30	8.63	8.96	---	8.18	---	8.21	8.57	9.08	9.68	9.66	9.90	---
31	8.63	---	---	8.19	---	8.18	---	9.11	---	9.75	9.91	---
TOTAL	273.12	266.41	---	---	232.15	254.54	252.90	275.47	281.39	---	301.87	---
MEAN	8.81	8.88	---	---	8.29	8.21	8.43	8.89	9.38	---	9.74	---
MAX	8.96	9.06	---	---	8.43	8.34	8.57	9.11	9.68	---	9.91	---
MIN	8.63	8.69	---	---	8.17	8.08	8.21	8.64	9.12	---	9.56	---



BEAUFORT COUNTY

321358080403802. Local number, BFT-1814.

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 Water Resources Commission.

AQUIFER.--Floridan System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 210 ft, cased to 120 ft, open hole from 120 to 210 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.

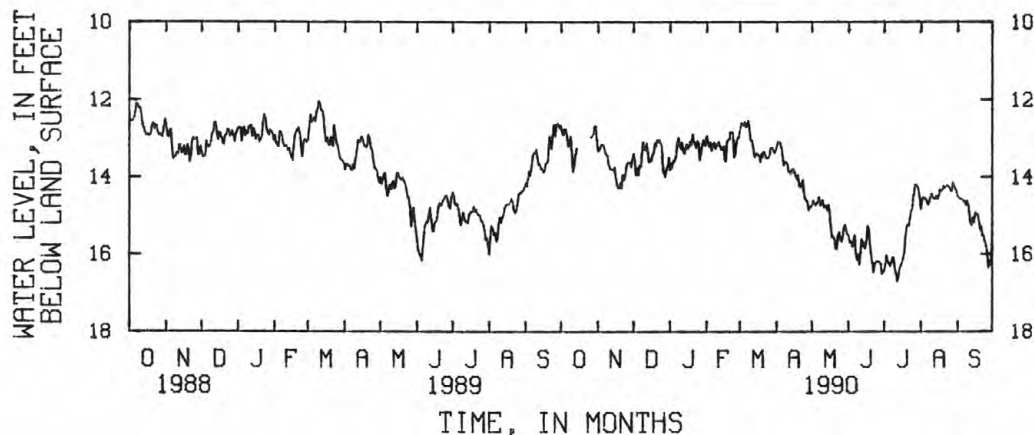
REMARKS.--Water level affected by pumping.

PERIOD OF RECORD.--October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.35 ft below land-surface datum, Jan. 1, 1987; lowest, 16.73 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.68	13.32	13.40	13.82	12.94	12.82	13.22	14.77	15.54	16.44	14.84	14.51
2	12.87	13.32	13.55	13.76	13.14	12.61	13.10	14.64	15.71	16.29	14.63	14.56
3	12.92	13.25	13.95	13.65	13.20	12.64	13.14	14.71	15.69	16.05	14.55	14.58
4	12.77	13.17	13.80	13.57	13.12	12.66	13.11	14.75	15.82	16.19	14.57	14.59
5	12.77	13.17	13.95	13.60	13.31	12.59	13.26	14.70	15.77	16.26	14.58	14.60
6	13.00	13.21	13.72	13.47	13.21	12.69	13.49	14.67	15.54	16.33	14.65	14.65
7	13.20	13.37	13.73	13.11	13.13	12.64	13.71	14.54	15.99	16.24	14.73	14.63
8	13.07	13.42	13.38	12.99	13.26	12.55	13.66	14.75	16.16	16.13	14.67	14.74
9	12.96	13.46	13.11	13.19	13.19	12.77	13.62	14.70	16.05	16.09	14.55	14.64
10	13.43	13.68	13.28	13.27	13.16	13.04	13.68	14.62	16.28	16.40	14.44	14.75
11	13.87	13.77	13.30	13.13	13.10	13.08	13.86	14.80	15.98	16.54	14.53	15.02
12	13.71	13.82	13.14	13.31	13.21	13.23	13.90	14.78	15.63	16.73	14.56	15.20
13	13.43	13.81	13.39	13.39	13.29	13.48	13.96	14.76	15.71	16.62	14.58	15.27
14	13.28	13.83	13.62	13.25	13.27	13.45	13.82	14.88	15.83	16.41	14.51	15.08
15	---	13.76	13.54	13.16	13.22	13.40	13.81	14.74	15.87	16.31	14.58	15.18
16	---	14.00	13.58	13.26	13.55	13.44	13.89	14.93	15.69	16.26	14.50	14.95
17	---	14.19	13.43	13.21	13.61	13.46	14.00	15.35	15.28	16.12	14.34	14.97
18	---	14.29	13.38	13.10	13.09	13.62	14.07	15.57	15.37	15.99	14.37	14.98
19	---	14.29	13.13	13.16	13.04	13.42	13.97	15.58	15.74	15.62	14.35	15.13
20	---	14.16	13.19	12.90	13.03	13.48	14.23	15.63	16.01	15.30	14.24	15.37
21	---	14.29	13.05	13.08	12.84	13.36	14.27	15.86	16.26	15.24	14.28	15.31
22	---	13.96	13.09	13.15	12.83	13.41	14.21	15.89	16.49	15.28	14.25	15.54
23	---	14.07	13.04	13.24	12.87	13.51	14.10	15.53	16.28	15.04	14.22	15.53
24	---	13.96	13.12	13.09	13.50	13.52	14.39	15.45	16.24	14.88	14.24	15.68
25	---	13.75	13.21	13.15	13.44	13.51	14.57	15.64	16.20	14.74	14.28	15.82
26	12.97	13.64	13.86	13.57	13.12	13.44	14.65	15.69	16.21	14.48	14.37	15.99
27	12.94	13.62	13.93	13.38	13.00	13.26	14.64	15.60	16.22	14.22	14.37	16.36
28	12.88	13.64	14.01	13.20	12.96	13.24	14.88	15.34	16.28	14.20	14.16	16.30
29	12.70	13.74	13.82	13.06	---	13.31	14.82	15.26	16.54	14.25	14.23	16.19
30	12.67	13.54	13.73	13.17	---	13.38	14.78	15.40	16.51	14.32	14.33	15.81
31	13.05	---	13.50	13.18	---	13.34	---	15.49	---	14.57	14.40	---
TOTAL	---	411.50	417.93	411.57	368.63	408.35	418.81	469.02	478.89	485.54	447.90	455.93
MEAN	---	13.72	13.48	13.28	13.17	13.17	13.96	15.13	15.96	15.66	14.45	15.20
MAX	---	14.29	14.01	13.82	13.61	13.62	14.88	15.89	16.54	16.73	14.84	16.36
MIN	---	13.17	13.04	12.90	12.83	12.55	13.10	14.54	15.28	14.20	14.16	14.51



GROUND-WATER LEVELS

BERKELEY COUNTY

330218080080700. Local number, BRK-91.

LOCATION.--Lat 33°02'18'', long 80°08'07'', Hydrologic Unit 03050201, 0.6 mi northeast of U.S. I-26 on U.S. Highway 17A and 0.1 mi south of front entrance of Berkeley-Sangaree Public Service District.

Owner: Berkeley-Sangaree Public Service District.

AQUIFER.--Black Mingo Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 434 ft, cased to 75 ft, open hole from 75 to 434 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

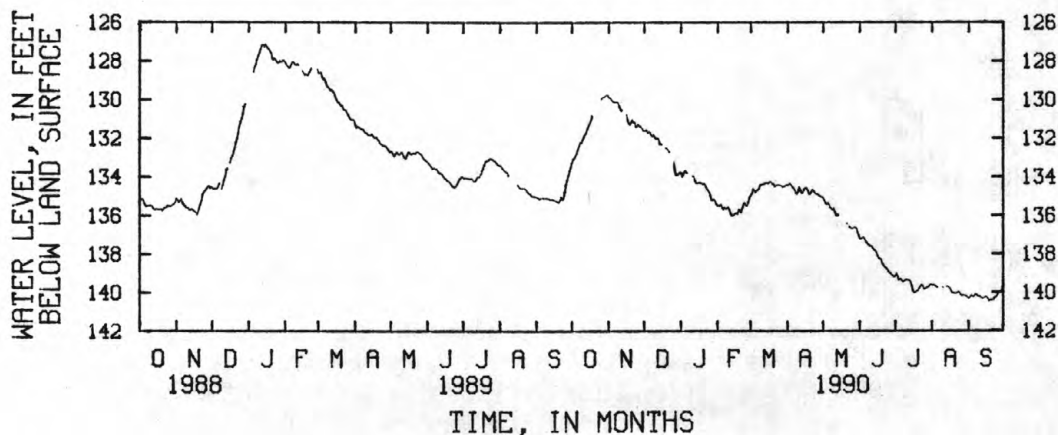
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--June 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 85.47 ft below land-surface datum, June 16, 1978; lowest, 140.48 ft below land-surface datum, Sept. 18, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	133.31	129.87	131.62	133.81	135.51	135.00	134.44	135.10	137.22	139.19	139.64	140.35
2	133.09	129.88	131.62	134.00	135.49	134.88	134.43	135.21	137.25	139.07	139.65	140.30
3	133.04	129.95	131.61	133.91	135.51	134.66	134.35	135.36	137.22	139.20	139.66	140.22
4	132.93	130.05	131.73	133.76	135.46	134.75	134.42	135.43	137.18	139.37	139.73	140.23
5	132.81	130.12	131.67	133.72	135.61	134.79	134.53	135.38	137.25	139.34	139.77	140.28
6	132.63	130.14	131.75	133.80	135.71	134.73	134.60	135.43	137.38	139.38	139.77	140.18
7	132.44	130.14	131.88	---	135.61	134.69	134.67	135.58	137.44	139.43	---	140.14
8	132.24	130.15	131.92	---	135.67	134.63	134.85	135.69	137.53	139.50	---	140.18
9	132.23	130.16	131.85	---	135.66	134.46	134.88	135.72	137.60	139.42	---	140.24
10	132.09	130.39	131.98	---	135.58	134.41	134.76	135.65	137.60	139.38	139.78	140.25
11	131.94	130.52	132.06	134.00	135.72	134.40	134.57	135.88	137.62	139.38	139.81	140.28
12	131.83	130.57	132.03	133.99	135.91	134.38	134.73	136.03	137.73	139.40	139.84	140.33
13	131.69	---	132.06	134.24	136.03	134.36	134.84	136.00	137.81	139.42	139.78	140.34
14	131.53	---	132.30	134.35	136.01	134.32	134.82	136.03	137.86	139.51	139.71	140.33
15	131.38	---	132.32	134.35	135.98	134.33	134.66	---	137.95	139.70	139.75	140.28
16	131.25	130.80	132.35	134.34	135.93	134.34	134.59	---	138.12	139.94	139.81	140.28
17	131.08	131.09	---	134.34	135.92	134.26	134.58	---	138.25	140.04	139.92	140.35
18	130.88	131.25	---	134.34	135.96	134.28	134.71	---	138.28	140.03	140.05	140.48
19	---	131.31	132.52	134.38	135.72	134.38	134.87	---	138.33	139.99	140.06	140.46
20	---	131.19	132.53	134.42	135.79	134.37	134.90	---	138.52	139.94	140.09	140.42
21	---	131.08	132.61	134.39	135.87	134.49	134.82	136.43	138.62	139.83	140.10	140.45
22	---	131.18	132.73	134.51	135.62	134.49	134.70	136.47	138.72	139.76	140.07	140.40
23	---	131.21	---	134.63	135.39	134.45	134.76	136.60	138.76	139.66	140.02	140.30
24	---	131.43	---	134.72	135.37	134.44	134.83	136.66	138.81	139.68	140.04	140.32
25	---	131.39	---	134.80	135.47	134.44	134.89	136.70	138.93	139.83	140.14	140.22
26	129.97	131.32	133.22	134.97	135.51	134.45	134.89	136.69	138.99	139.85	140.22	140.06
27	129.88	131.40	133.75	135.21	135.32	134.47	134.96	136.66	139.05	139.82	140.18	140.01
28	129.86	131.40	133.90	135.24	135.09	134.54	135.00	136.65	139.13	139.78	140.19	140.01
29	129.81	131.48	133.92	135.19	---	134.50	135.03	136.68	139.19	139.77	140.24	139.95
30	129.76	131.59	133.88	135.28	---	134.51	135.06	136.88	139.23	139.70	140.23	139.73
31	129.76	---	133.81	135.41	---	134.44	---	137.05	---	139.63	140.29	---
TOTAL	---	---	---	---	3798.42	4169.64	4042.14	---	4143.57	4327.94	---	4207.37
MEAN	---	---	---	---	135.66	134.50	134.74	---	138.12	139.61	---	140.25
MAX	---	---	---	---	136.03	135.00	135.06	---	139.23	140.04	---	140.48
MIN	---	---	---	---	135.09	134.26	134.35	---	137.18	139.07	---	139.73



BERKELEY COUNTY

331022080021801. Local number, BRK-431.

LOCATION.--Lat 33 10'22'', long 80 02'18'', Hydrologic Unit 03050201, Near Moncks Corner, S C. in Conifer Hall Subdivision at the end of Resinwood Dr, approximately 100 yds from Hwy 17A, and 100 ft from well number BRK-190.

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.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.80 ft above land-surface datum.

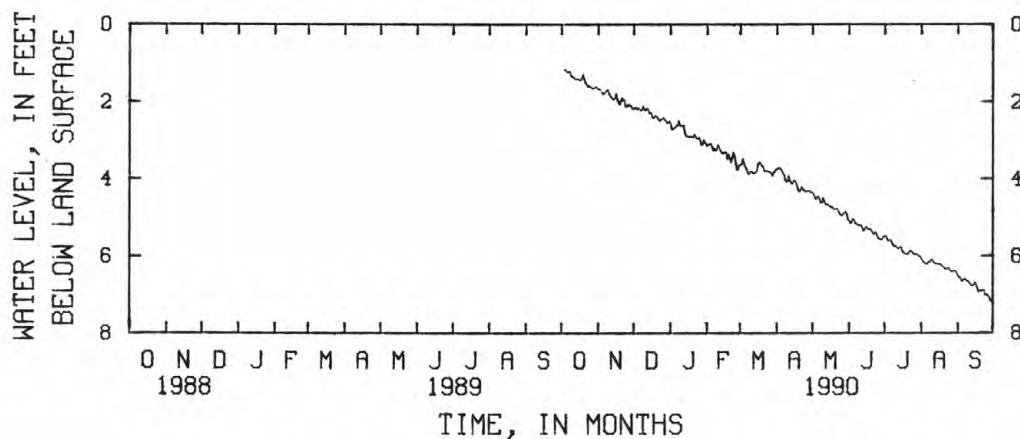
REMARKS.--Flowing well in 1982. Geophysical logs available in District files.

PERIOD OF RECORDS.--September 1989 to September 1990.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.03 ft below land-surface datum, Sept. 15, 1989; lowest 7.20 ft below land-surface datum, Sept. 30, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	1.68	2.20	2.55	3.15	3.66	3.76	4.38	5.11	5.52	6.09	6.54
2	---	1.68	2.19	2.72	3.13	3.62	3.76	4.43	5.17	5.49	6.15	6.58
3	---	1.69	2.16	2.73	3.13	3.49	3.73	4.51	5.15	5.57	6.18	6.60
4	1.18	1.77	2.21	2.70	3.09	3.61	3.75	4.55	5.07	5.63	6.21	6.66
5	1.23	1.81	2.18	2.67	3.19	3.70	3.80	4.49	5.07	5.62	6.23	6.66
6	1.24	1.80	2.19	2.63	3.27	3.76	3.87	4.48	5.16	5.60	6.23	6.63
7	1.24	1.76	2.24	2.63	3.23	3.84	3.92	4.56	5.19	5.66	6.18	6.62
8	1.23	1.72	2.21	2.51	3.27	3.90	4.05	4.64	5.20	5.73	6.19	6.65
9	1.34	1.69	2.13	2.62	3.25	3.85	4.10	4.64	5.22	5.77	6.13	6.67
10	1.36	1.79	2.20	2.64	3.15	3.82	4.07	4.53	5.22	5.76	6.12	6.69
11	1.37	1.87	2.23	2.64	3.18	3.84	3.96	4.61	5.22	5.78	6.16	6.73
12	1.41	1.90	2.19	2.61	3.28	3.87	4.07	4.68	5.28	5.82	6.21	6.77
13	1.42	1.95	2.19	2.81	3.33	3.86	4.13	4.69	5.35	5.82	6.22	6.79
14	1.41	1.94	2.30	2.90	3.34	3.85	4.14	4.69	5.34	5.79	6.22	6.77
15	1.42	1.89	2.29	2.90	3.34	3.79	4.08	4.73	5.27	5.80	6.23	6.70
16	1.45	1.81	2.30	2.91	3.33	3.63	4.07	4.76	5.27	5.89	6.24	6.73
17	1.45	1.96	2.42	2.93	3.35	3.59	4.10	4.74	5.32	5.94	6.23	6.84
18	1.40	2.03	2.42	2.92	3.49	3.60	4.20	4.76	5.32	5.96	6.26	6.94
19	1.31	2.09	2.38	2.92	3.40	3.68	4.32	4.81	5.32	5.97	6.29	6.94
20	1.43	2.00	2.38	2.94	3.48	3.69	4.35	4.81	5.37	5.97	6.31	6.91
21	1.50	1.91	2.42	2.87	3.58	3.80	4.31	4.80	5.43	5.96	6.35	6.93
22	1.55	1.97	2.48	2.90	3.46	3.82	4.24	4.79	5.45	5.90	6.36	6.91
23	1.61	1.97	2.51	2.96	3.34	3.81	4.29	4.87	5.40	5.89	6.35	6.91
24	1.60	2.12	2.47	2.97	3.40	3.82	4.32	4.93	5.44	5.91	6.33	7.02
25	1.61	2.15	2.46	2.94	3.62	3.83	4.35	4.96	5.52	5.95	6.37	7.03
26	1.63	2.09	2.42	3.01	3.78	3.85	4.35	4.97	5.57	5.97	6.42	7.03
27	1.66	2.11	2.48	3.12	3.77	3.88	4.34	4.93	5.59	5.98	6.43	7.08
28	1.66	2.09	2.50	3.12	3.68	3.94	4.34	4.91	5.61	5.97	6.42	7.17
29	1.65	2.12	2.56	3.02	---	3.86	4.35	4.86	5.58	6.00	6.40	7.19
30	1.62	2.19	2.57	3.06	---	3.84	4.36	4.96	5.53	6.02	6.41	7.20
31	1.63	---	2.52	3.11	---	3.78	---	5.05	---	6.04	6.47	---
TOTAL	---	57.55	72.40	87.96	94.01	116.88	123.48	146.52	159.74	180.68	194.39	204.89
MEAN	---	1.92	2.34	2.84	3.36	3.77	4.12	4.73	5.32	5.83	6.27	6.83
MAX	---	2.19	2.57	3.12	3.78	3.94	4.36	5.05	5.61	6.04	6.47	7.20
MIN	---	1.68	2.13	2.51	3.09	3.49	3.73	4.38	5.07	5.49	6.09	6.54



GROUND-WATER LEVELS

CHARLESTON COUNTY

324729079472001. Local number, CHN-14.

LOCATION.--Lat 32°47'29", long 79°47'20", 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, cased to 1887 ft, open hole from 1887 to 2007 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 7.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

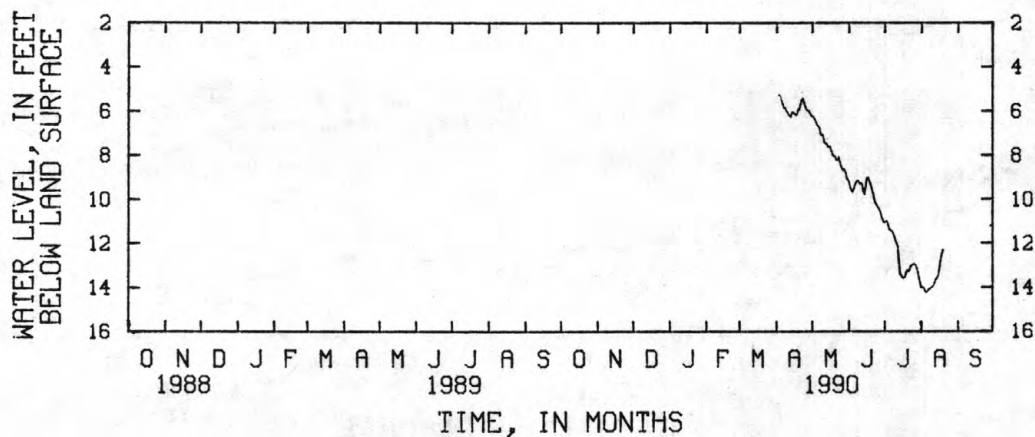
REMARKS.--Geophysical logs available in District files. Well logged 10 1866 ft Jan 1990.

PERIOD OF RECORDS.--April 1990 to September 1990.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.29 ft below land-surface datum, Apr. 3, 1990; lowest 14.24 ft below land-surface datum, Aug. 5, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	6.25	9.24	11.07	14.03	---
2	---	---	---	---	---	---	---	6.26	9.48	11.04	14.03	---
3	---	---	---	---	---	---	5.29	6.39	9.61	11.03	14.06	---
4	---	---	---	---	---	---	5.33	6.53	9.70	11.20	14.18	---
5	---	---	---	---	---	---	5.52	6.64	9.56	11.39	14.24	---
6	---	---	---	---	---	---	5.70	6.71	9.34	11.45	14.22	---
7	---	---	---	---	---	---	5.85	6.79	9.24	11.46	14.12	---
8	---	---	---	---	---	---	5.89	7.05	9.20	11.56	14.09	---
9	---	---	---	---	---	---	6.00	7.11	9.19	11.73	14.05	---
10	---	---	---	---	---	---	6.08	7.10	9.33	11.91	14.01	---
11	---	---	---	---	---	---	6.17	7.43	9.29	12.04	13.96	---
12	---	---	---	---	---	---	6.23	7.48	9.35	12.17	13.81	---
13	---	---	---	---	---	---	6.29	7.49	9.65	12.90	13.67	---
14	---	---	---	---	---	---	6.08	7.63	9.78	13.42	13.60	---
15	---	---	---	---	---	---	6.08	7.63	9.48	13.49	13.51	---
16	---	---	---	---	---	---	6.14	7.66	9.08	13.57	13.23	---
17	---	---	---	---	---	---	6.19	7.82	9.04	13.59	12.81	---
18	---	---	---	---	---	---	6.17	7.98	9.17	13.56	12.54	---
19	---	---	---	---	---	---	5.93	8.07	9.32	13.36	12.33	---
20	---	---	---	---	---	---	5.95	8.08	9.50	13.26	---	---
21	---	---	---	---	---	---	5.72	8.21	9.72	13.29	---	---
22	---	---	---	---	---	---	5.51	8.23	10.00	13.24	---	---
23	---	---	---	---	---	---	5.43	8.12	10.18	13.07	---	---
24	---	---	---	---	---	---	5.64	8.28	10.26	13.01	---	---
25	---	---	---	---	---	---	5.81	8.51	10.39	12.96	---	---
26	---	---	---	---	---	---	5.93	8.62	10.45	12.97	---	---
27	---	---	---	---	---	---	5.99	8.71	10.56	13.02	---	---
28	---	---	---	---	---	---	5.99	8.65	10.74	13.16	---	11.24
29	---	---	---	---	---	---	6.10	8.82	10.91	13.34	---	11.19
30	---	---	---	---	---	---	6.22	9.08	11.05	13.60	---	11.24
31	---	---	---	---	---	---	---	9.13	---	13.87	---	---
TOTAL	---	---	---	---	---	---	---	238.46	291.81	390.73	---	---
MEAN	---	---	---	---	---	---	---	7.69	9.73	12.60	---	---
MAX	---	---	---	---	---	---	---	9.13	11.05	13.87	---	---
MIN	---	---	---	---	---	---	---	6.25	9.04	11.03	---	---



CHARLESTON COUNTY

324741080041400. Local number, CHN-44.

LOCATION.--Lat 32°47'41", long 80°04'14", Hydrologic Unit 03050202, USDA Experimental Station, 300 ft northeast of U.S. Highway 17 at elevated water tank.

Owner: U.S. Department of Agriculture.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole. Casing interval unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 9.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.

REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.

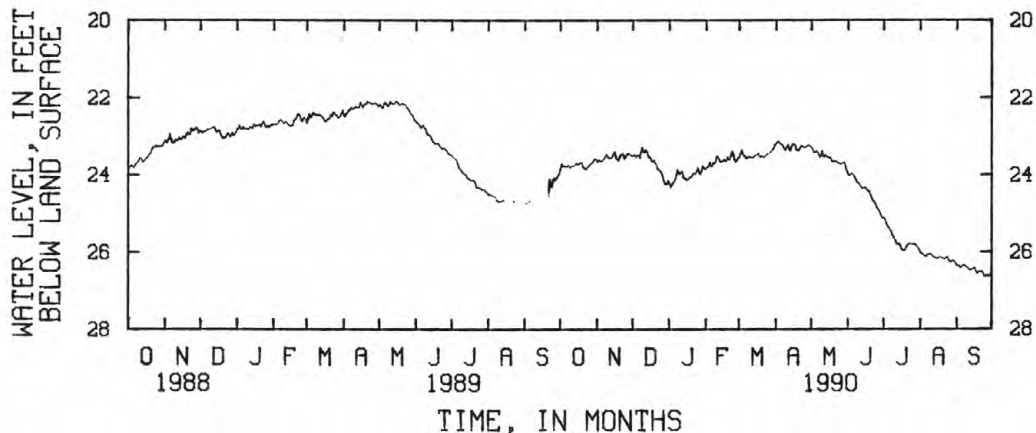
PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 26.65 ft below land-surface datum, Sept. 24, 25, 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.87	23.67	23.52	24.23	23.85	23.55	23.20	23.30	23.99	25.14	26.04	26.37
2	23.73	23.63	23.49	24.33	23.80	23.46	23.16	23.34	24.03	25.17	26.06	26.38
3	23.77	23.62	23.51	24.28	23.79	23.38	23.14	23.42	24.02	25.26	26.07	26.39
4	23.77	23.65	23.54	24.22	23.70	23.47	23.17	23.43	23.99	25.34	26.10	26.43
5	23.77	23.65	23.50	24.19	23.78	23.52	23.21	23.39	24.00	25.38	26.13	26.41
6	23.77	23.62	23.50	24.12	23.78	23.53	23.23	23.42	24.05	25.41	26.14	26.38
7	23.78	23.58	23.56	24.00	23.70	23.59	23.28	23.48	24.11	25.48	26.09	26.36
8	23.76	23.52	23.42	23.88	23.72	23.57	23.35	23.55	24.18	25.56	26.09	26.38
9	23.81	23.47	23.30	23.97	23.66	23.54	23.37	23.52	24.22	25.62	26.07	26.41
10	23.79	23.54	23.40	23.98	23.54	23.55	23.30	23.40	24.24	25.67	26.08	26.43
11	23.77	23.57	23.43	23.94	23.55	23.55	23.24	23.52	24.29	25.74	26.10	26.47
12	23.77	23.57	23.37	23.93	23.62	23.56	23.34	23.55	24.33	25.81	26.15	26.49
13	23.76	23.57	23.41	24.09	23.67	23.55	23.38	23.50	24.37	25.82	26.16	26.49
14	23.72	23.52	23.54	24.12	23.67	23.52	23.29	23.54	24.37	25.79	26.17	26.47
15	23.71	23.45	23.53	24.11	23.64	23.50	23.21	23.57	24.35	25.84	26.20	26.43
16	23.73	23.41	23.58	24.14	23.61	23.49	23.22	23.57	24.35	25.94	26.19	26.44
17	23.72	23.56	23.65	24.13	23.64	23.45	23.24	23.57	24.41	25.97	26.15	26.53
18	23.69	23.60	23.67	24.08	23.66	23.53	23.35	23.65	24.44	25.98	26.16	26.58
19	23.68	23.64	23.64	24.09	23.55	23.53	23.38	23.68	24.45	25.97	26.16	26.55
20	23.80	23.54	23.71	24.03	23.60	23.52	23.39	23.66	24.54	25.90	26.19	26.53
21	23.83	23.49	23.74	23.97	23.60	23.56	23.33	23.67	24.64	25.84	26.21	26.54
22	23.85	23.47	23.85	23.99	23.48	23.55	23.27	23.67	24.70	25.81	26.19	26.53
23	23.85	23.47	23.88	23.97	23.40	23.52	23.26	23.70	24.73	25.79	26.16	26.56
24	23.81	23.58	23.90	23.91	23.49	23.49	23.29	23.71	24.77	25.80	26.16	26.65
25	23.77	23.54	23.93	23.83	23.62	23.47	23.31	23.74	24.86	25.81	26.23	26.65
26	23.74	23.47	24.02	23.93	23.68	23.45	23.29	23.74	24.91	25.82	26.28	26.62
27	23.72	23.48	24.14	23.99	23.63	23.43	23.28	23.72	24.95	25.81	26.28	26.64
28	23.69	23.45	24.22	23.93	23.57	23.41	23.25	23.71	25.02	25.83	26.26	26.65
29	23.64	23.49	24.26	23.79	---	23.34	23.24	23.70	25.09	25.86	26.26	26.61
30	23.59	23.51	24.25	23.83	---	23.34	23.26	23.82	25.13	25.91	26.28	26.57
31	23.60	---	24.17	23.85	---	23.23	---	23.92	---	25.97	26.33	---
TOTAL	736.26	706.33	734.63	744.85	662.00	728.15	698.23	731.16	733.53	797.04	811.14	794.94
MEAN	23.75	23.54	23.70	24.03	23.64	23.49	23.27	23.59	24.45	25.71	26.17	26.50
MAX	23.87	23.67	24.26	24.33	23.85	23.59	23.39	23.92	25.13	25.98	26.33	26.65
MIN	23.59	23.41	23.30	23.79	23.40	23.23	23.14	23.30	23.99	25.14	26.04	26.36

WTR YR 1990 TOTAL 8878.26 MEAN 24.32 HIGH 23.14 LOW 26.65



GROUND-WATER LEVELS

CHARLESTON COUNTY

324708079555500. Local number, CHN-64.

LOCATION.--Lat 32°47'08'', long 79°55'55'', Hydrologic Unit 03050202, at 14 George St., Charleston, SC.

Owner: City of Charleston.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled production well, depth reported approximately 2000 ft. Casing and screened intervals unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 14.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

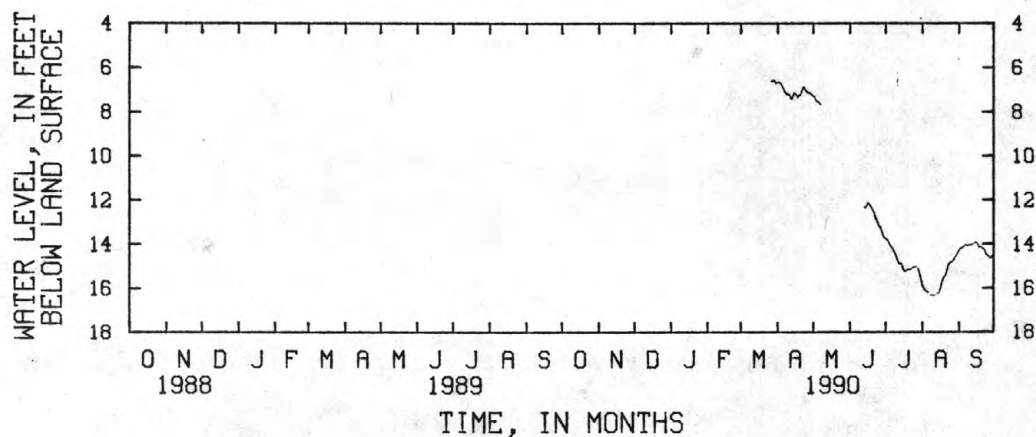
REMARKS.--Obstruction at 1070 ft. Geophysical logs, depth 1070 ft., available in District files.

PERIOD OF RECORD.--March 1990 to September 1990.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 6.58 ft below land-surface datum, Mar. 29, 1990; lowest, 16.36 ft below land-surface datum, Aug. 11, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	6.71	7.32	---	13.78	15.90	14.30
2	---	---	---	---	---	---	6.65	7.36	---	13.80	16.01	14.21
3	---	---	---	---	---	---	6.68	7.48	---	13.86	16.09	14.17
4	---	---	---	---	---	---	6.77	7.56	---	13.98	16.15	14.18
5	---	---	---	---	---	---	6.89	7.56	---	14.09	16.19	14.11
6	---	---	---	---	---	---	7.00	7.62	---	14.16	16.20	14.05
7	---	---	---	---	---	---	7.12	7.68	---	14.23	---	14.05
8	---	---	---	---	---	---	7.19	---	---	14.34	16.35	14.08
9	---	---	---	---	---	---	7.24	---	---	14.46	16.35	14.04
10	---	---	---	---	---	---	7.23	---	---	14.59	16.34	14.04
11	---	---	---	---	---	---	7.25	---	---	14.73	16.36	14.05
12	---	---	---	---	---	---	7.40	---	---	14.87	16.34	14.02
13	---	---	---	---	---	---	7.45	---	12.33	14.91	16.29	14.00
14	---	---	---	---	---	---	7.28	---	12.40	14.90	16.27	13.95
15	---	---	---	---	---	---	7.18	---	12.30	15.02	16.24	13.92
16	---	---	---	---	---	---	7.21	---	12.17	15.17	16.09	13.95
17	---	---	---	---	---	---	7.27	---	12.20	15.24	15.85	14.07
18	---	---	---	---	---	---	7.36	---	12.28	15.26	15.67	14.15
19	---	---	---	---	---	---	7.28	---	12.37	15.21	15.53	14.14
20	---	---	---	---	---	---	7.28	---	12.47	15.17	15.46	14.17
21	---	---	---	---	---	---	7.13	---	12.57	15.18	15.36	14.21
22	---	---	---	---	---	---	6.97	---	12.75	15.20	15.13	14.23
23	---	---	---	---	---	---	6.89	---	12.89	15.13	14.93	14.31
24	---	---	---	---	---	---	6.99	---	13.01	15.10	14.86	14.46
25	---	---	---	---	---	---	7.09	---	13.15	15.08	14.85	14.52
26	---	---	---	---	---	---	7.14	---	13.22	15.06	14.81	14.55
27	---	---	---	---	---	6.63	7.17	---	13.31	15.04	14.74	14.65
28	---	---	---	---	---	6.63	7.16	---	13.47	15.11	14.65	14.64
29	---	---	---	---	---	6.58	7.21	---	13.62	15.24	14.56	14.59
30	---	---	---	---	---	6.72	7.27	---	13.74	15.44	14.48	14.60
31	---	---	---	---	---	6.71	---	---	---	15.67	14.38	---
TOTAL	---	---	---	---	---	---	213.46	---	---	459.02	---	426.41
MEAN	---	---	---	---	---	---	7.12	---	---	14.81	---	14.21
MAX	---	---	---	---	---	---	7.45	---	---	15.67	---	14.65
MIN	---	---	---	---	---	---	6.65	---	---	13.78	---	13.92



CHARLESTON COUNTY

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 artesian well, diameter 4 in, depth 91 ft, cased to 82 ft. Open hole from 82 to 91 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. 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.

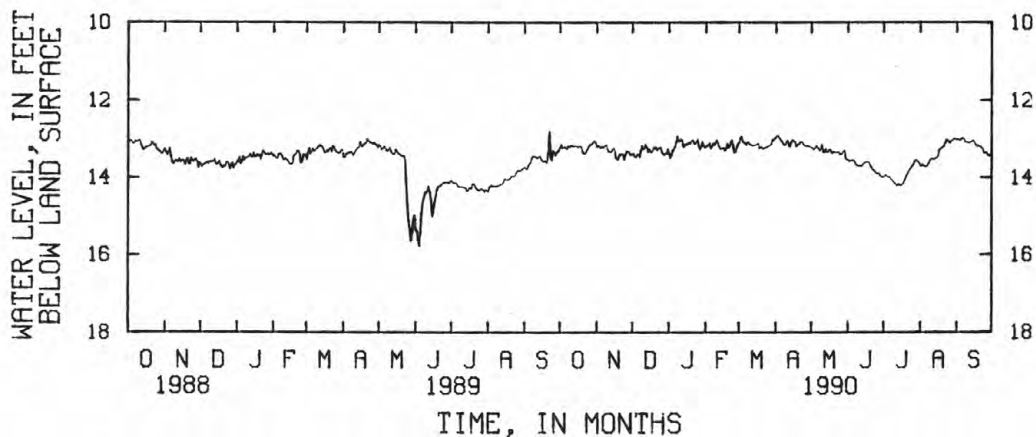
PERIOD OF RECORD.--February 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 12.34 ft below land-surface datum, Mar. 18, 1983; lowest, 18.97 ft below land-surface datum, June 13, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.24	13.21	13.42	13.39	13.21	13.11	12.98	13.23	13.56	14.01	13.70	13.03
2	13.16	13.18	13.38	13.50	13.17	13.00	12.92	13.24	13.59	13.96	13.72	13.01
3	13.24	13.19	13.46	13.44	13.18	12.94	12.92	13.29	13.59	13.95	13.67	13.02
4	13.23	13.24	13.48	13.33	13.12	13.07	12.98	13.26	13.57	13.98	13.72	13.05
5	13.22	13.22	13.42	13.28	13.25	13.10	13.04	13.19	13.57	14.00	13.72	13.01
6	13.24	13.21	13.42	13.21	13.20	13.11	13.06	13.22	13.58	14.01	13.73	12.98
7	13.28	13.22	13.48	13.08	13.13	13.16	13.12	13.26	13.64	14.05	13.72	13.01
8	13.20	13.19	13.31	12.94	13.17	13.12	13.16	13.32	13.70	14.08	13.65	13.08
9	13.23	13.16	13.18	13.06	13.12	13.09	13.16	13.28	13.70	14.11	13.57	13.09
10	13.18	13.28	13.27	13.06	13.04	13.14	13.09	13.17	13.72	14.14	13.53	13.09
11	13.17	13.33	13.25	13.02	13.09	13.16	13.06	13.34	13.72	14.18	13.53	13.11
12	13.19	13.34	13.16	13.04	13.19	13.17	13.18	13.36	13.73	14.22	13.54	13.10
13	13.20	13.36	13.21	13.21	13.27	13.18	13.21	13.28	13.71	14.22	13.53	13.09
14	13.19	13.31	13.35	13.18	13.26	13.17	13.10	13.34	13.66	14.18	13.50	13.07
15	13.20	13.26	13.28	13.14	13.24	13.16	13.04	13.35	13.63	14.22	13.50	13.05
16	13.22	13.27	13.33	13.16	13.23	13.15	13.07	13.30	13.62	14.22	13.45	13.10
17	13.21	13.49	13.36	13.13	13.31	13.12	13.09	13.28	13.62	14.19	13.30	13.17
18	13.20	13.52	13.33	13.10	13.28	13.24	13.19	13.37	13.62	14.14	13.28	13.20
19	13.21	13.55	13.23	13.12	13.14	13.23	13.17	13.39	13.64	14.07	13.24	13.18
20	13.36	13.42	13.26	13.06	13.23	13.22	13.15	13.35	13.72	13.99	13.22	13.19
21	13.39	13.44	13.22	13.04	13.20	13.27	13.12	13.36	13.77	13.93	13.20	13.22
22	13.40	13.40	13.30	13.13	13.08	13.25	13.09	13.36	13.82	13.87	13.11	13.24
23	13.36	13.42	13.26	13.13	13.04	13.23	13.09	13.36	13.83	13.81	13.03	13.29
24	13.28	13.54	13.25	13.08	13.21	13.24	13.13	13.36	13.88	13.77	13.03	13.38
25	13.21	13.44	13.22	13.02	13.37	13.21	13.17	13.42	13.91	13.73	13.08	13.38
26	13.16	13.34	13.36	13.19	13.35	13.19	13.18	13.41	13.92	13.68	13.11	13.36
27	13.15	13.36	13.41	13.28	13.22	13.17	13.20	13.40	13.91	13.59	13.07	13.43
28	13.14	13.34	13.42	13.20	13.14	13.14	13.18	13.34	13.97	13.57	13.04	13.46
29	13.09	13.41	13.41	13.09	---	13.03	13.20	13.32	13.99	13.57	13.02	13.44
30	13.05	13.42	13.38	13.18	---	13.05	13.21	13.51	14.01	13.60	13.00	13.43
31	13.10	---	13.28	13.22	---	12.99	---	13.54	---	13.63	13.01	---
MEAN	13.22	13.34	13.33	13.16	13.19	13.14	13.11	13.33	13.73	13.96	13.37	13.18
MAX	13.40	13.55	13.48	13.50	13.37	13.27	13.21	13.54	14.01	14.22	13.73	13.46
MIN	13.05	13.16	13.16	12.94	13.04	12.94	12.92	13.17	13.56	13.57	13.00	12.98

CAL YR 1989 MEAN 13.63 HIGH 12.83 LOW 15.79
WTR YR 1990 MEAN 13.34 HIGH 12.92 LOW 14.22



GROUND-WATER LEVELS

COLLETON COUNTY

330256080354500. Local number, COL-97.

LOCATION.--Lat 33°02'56'', long 80°35'45'', Hydrologic Unit 03050205, 1.6 mi southeast of Canadys, at intersection of State Highway 61 and State Road 45.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Santee Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 500 ft, cased to 134.4 ft, open hole from 134.4 to 500 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.10 ft above land-surface datum.

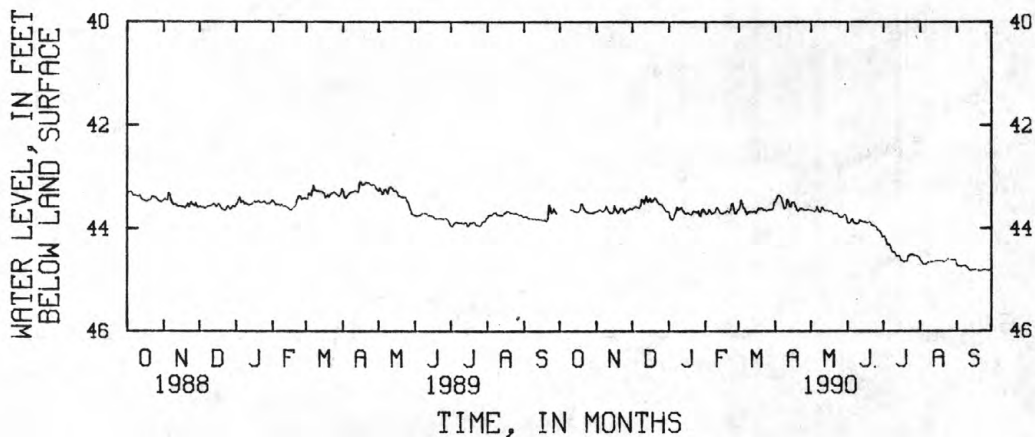
REMARKS.--Depth, measured Jan. 17, 1979, 356 ft. Caliper, electric, and gamma logs available in District files.

PERIOD OF RECORD.--August 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.79 below land-surface datum, May 14, 1978; lowest 44.84 ft below land-surface datum, Sept. 13, 20, 21, 22, 28, 30, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	43.68	43.63	43.68	43.70	43.64	43.48	43.65	43.89	44.17	44.62	44.72
2	---	43.67	43.62	43.80	43.73	43.59	43.44	43.66	43.91	44.17	44.65	44.75
3	---	43.65	43.59	43.83	43.72	43.46	43.37	43.66	43.90	44.22	44.69	44.75
4	---	43.65	43.58	43.84	43.65	43.52	43.36	43.68	43.85	44.31	44.71	44.75
5	---	43.66	43.59	43.81	43.66	43.60	43.37	43.66	43.82	44.33	44.71	44.76
6	---	43.68	43.60	43.73	43.72	43.63	43.42	43.59	43.89	44.33	44.72	44.75
7	---	43.67	43.61	43.68	43.71	43.68	43.49	43.64	43.91	44.38	44.69	44.74
8	---	43.64	43.56	43.60	43.70	43.73	43.59	43.68	43.92	44.45	44.68	44.74
9	---	43.58	43.45	43.64	43.70	43.70	43.62	43.68	43.92	44.48	44.67	44.76
10	43.64	43.61	43.46	43.63	43.63	43.69	43.60	43.61	43.92	44.47	44.66	44.78
11	43.65	43.67	43.52	43.62	43.60	43.68	43.45	43.61	43.86	44.48	44.66	44.81
12	43.65	43.70	43.45	43.60	43.64	43.69	43.48	43.65	43.86	44.54	44.66	44.83
13	43.67	43.70	43.38	43.66	43.69	43.69	43.57	43.66	43.87	44.55	44.66	44.84
14	43.68	43.71	43.48	43.70	43.71	43.68	43.59	43.66	43.88	44.54	44.65	44.82
15	43.68	43.68	43.46	43.72	43.71	43.69	43.50	43.66	43.88	44.56	44.65	44.83
16	43.69	43.56	43.42	43.72	43.72	43.70	43.50	43.67	43.88	44.63	44.65	44.82
17	43.68	43.63	43.48	43.70	43.70	43.65	43.50	43.67	43.90	44.65	44.65	44.82
18	43.64	43.68	43.48	43.72	43.70	43.62	43.57	43.67	43.90	44.65	44.65	44.82
19	43.54	43.70	43.45	43.73	43.66	43.62	43.64	43.70	43.88	44.66	44.65	44.83
20	43.53	43.67	43.41	43.75	43.67	43.61	43.67	43.72	43.88	44.65	44.65	44.84
21	43.61	43.62	43.42	43.70	43.70	43.62	43.65	43.72	43.94	44.65	44.67	44.84
22	43.64	43.62	43.48	43.67	43.65	43.64	43.62	43.71	43.96	44.56	44.66	44.84
23	43.68	43.60	43.52	43.68	43.54	43.65	43.62	43.72	43.96	44.53	44.64	44.83
24	43.69	43.68	43.53	43.69	43.51	43.66	43.63	43.75	43.96	44.52	44.61	44.82
25	43.70	43.70	43.54	43.70	43.64	43.66	43.64	43.78	43.99	44.52	44.61	44.82
26	43.70	43.66	43.55	43.66	43.71	43.65	43.65	43.79	44.04	44.52	44.62	44.83
27	43.71	43.65	43.58	43.75	43.71	43.64	43.65	43.79	44.05	44.53	44.63	44.83
28	43.70	43.65	43.62	43.77	43.66	43.64	43.64	43.78	44.07	44.53	44.62	44.84
29	43.72	43.62	43.66	43.66	---	43.64	43.64	43.74	44.11	44.54	44.63	44.83
30	43.70	43.63	43.67	43.63	---	43.62	43.65	43.74	44.17	44.56	44.62	44.84
31	43.68	---	43.68	43.67	---	43.51	---	43.80	---	44.57	44.64	---
TOTAL	---	1309.62	1349.47	1354.74	1222.84	1352.80	1306.60	1354.50	1317.97	1379.25	1384.28	1344.08
MEAN	---	43.65	43.53	43.70	43.67	43.64	43.55	43.69	43.93	44.49	44.65	44.80
MAX	---	43.71	43.68	43.84	43.73	43.73	43.67	43.80	44.17	44.66	44.72	44.84
MIN	---	43.56	43.38	43.60	43.51	43.46	43.36	43.59	43.82	44.17	44.61	44.72



COLLETON COUNTY

323048080181401.Local number, COL-305.

LOCATION.--Lat 32°30'48'', long 80°18'14'', Hydrologic Unit 03050205, at Edisto Beach State Park, 40 ft west of nature trail, 60 ft off shell road, 0.2 mi west of SC Highway 174, approximately 0.6 mi northwest of County Road S-15-683.

Owner: Town of Edisto Beach.

AQUIFER.--Surficial Sands.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 48 ft, casing and screened intervals unknown.

INSTRUMENTATION.--Digital recorder-60 minute punch.

DATUM.--Land-surface datum is 8.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

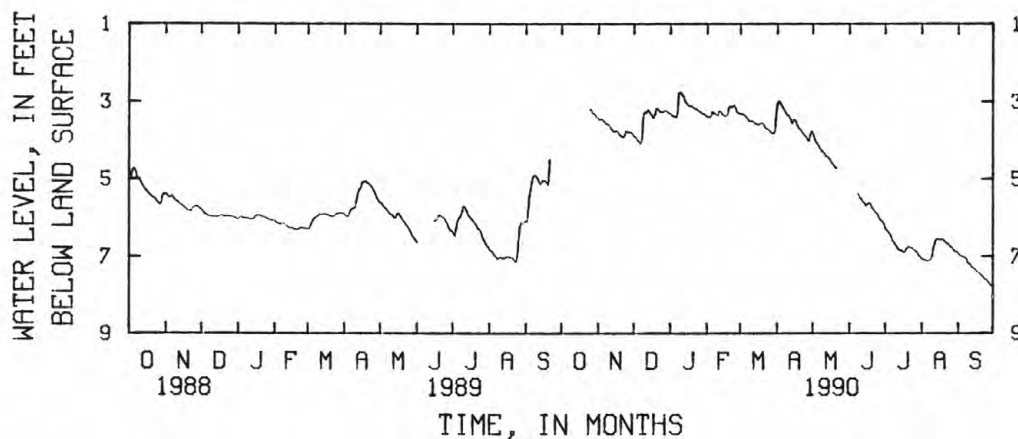
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--July 1987 to current year. Prior to 1989 Water Year, published as Chn-549.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 2.75 ft below land-surface datum, Jan. 9, 1990; lowest, 7.78 ft below land-surface datum, Sept. 29, 30, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEARS OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.44	3.90	3.31	3.40	3.32	3.06	3.80	---	6.30	7.08	6.94
2	---	3.48	3.92	3.36	3.41	3.34	3.01	3.89	---	6.33	7.09	6.98
3	---	3.46	3.95	3.39	3.41	3.34	3.00	4.01	---	6.36	7.10	7.00
4	---	3.46	4.02	3.39	3.40	3.35	3.05	4.07	---	6.40	7.12	7.02
5	---	3.50	4.05	3.40	3.29	3.39	3.12	4.11	---	6.44	7.13	7.03
6	---	3.52	4.08	3.41	3.29	3.42	3.18	4.15	---	6.50	7.14	7.04
7	---	3.57	4.10	3.25	3.31	3.46	3.22	4.21	---	6.59	7.13	7.05
8	---	3.59	3.96	2.80	3.33	3.51	3.30	4.27	5.39	6.63	7.11	7.09
9	---	3.59	3.43	2.75	3.36	3.52	3.34	4.31	5.44	6.69	7.09	7.18
10	---	3.62	3.30	2.77	3.37	3.52	3.37	4.32	5.51	6.73	6.99	7.21
11	---	3.69	3.28	2.82	3.27	3.52	3.38	4.36	5.54	6.78	6.80	7.23
12	---	3.72	3.28	2.87	3.26	3.53	3.46	4.42	5.59	6.82	6.68	7.28
13	---	3.76	3.22	2.97	3.31	3.58	3.55	4.44	5.62	6.85	6.59	7.31
14	---	3.79	3.26	3.03	3.34	3.59	3.58	4.45	5.67	6.87	6.57	7.33
15	---	3.79	3.31	3.07	3.37	3.60	3.49	4.49	5.71	6.87	6.56	7.35
16	---	3.77	3.34	3.10	3.39	3.61	3.48	4.53	5.68	6.90	6.57	7.39
17	---	3.78	3.41	3.12	3.38	3.61	3.53	4.60	5.64	6.92	6.58	7.42
18	---	3.83	3.43	3.12	3.36	3.57	3.62	4.63	5.64	6.90	6.57	7.44
19	---	3.88	3.34	3.13	3.19	3.57	3.70	4.68	5.69	6.83	6.58	7.47
20	---	3.90	3.20	3.15	3.13	3.58	3.72	4.72	5.75	6.79	6.61	7.50
21	---	3.91	3.19	3.19	3.14	3.64	3.75	4.74	5.80	6.77	6.63	7.53
22	---	3.95	3.21	3.19	3.16	3.69	3.80	---	5.85	6.78	6.67	7.56
23	---	3.88	3.26	3.20	3.12	3.72	3.84	---	5.88	6.78	6.67	7.59
24	---	3.80	3.27	3.24	3.10	3.73	3.88	---	5.91	6.80	6.71	7.62
25	3.20	3.79	3.28	3.26	3.17	3.76	3.91	---	5.96	6.84	6.75	7.63
26	3.22	3.80	3.27	3.27	3.27	3.79	3.96	---	6.03	6.86	6.78	7.68
27	3.28	3.80	3.24	3.31	3.31	3.81	4.01	---	6.07	6.89	6.79	7.72
28	3.32	3.80	3.24	3.32	3.31	3.84	4.03	---	6.10	6.92	6.84	7.76
29	3.34	3.81	3.26	3.33	---	3.84	3.87	---	6.12	6.97	6.89	7.78
30	3.39	3.85	3.29	3.35	---	3.79	3.79	---	6.18	7.00	6.89	7.78
31	3.40	---	3.30	3.38	---	3.42	---	---	---	7.04	6.90	---
TOTAL	---	111.53	107.59	98.25	92.15	110.96	106.00	---	---	209.15	211.61	220.91
MEAN	---	3.72	3.47	3.17	3.29	3.58	3.53	---	---	6.75	6.83	7.36
MAX	---	3.95	4.10	3.41	3.41	3.84	4.03	---	---	7.04	7.14	7.78
MIN	---	3.44	3.19	2.75	3.10	3.32	3.00	---	---	6.30	6.56	6.94



GROUND-WATER LEVELS

FLORENCE COUNTY

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.--Middendorf Formation.

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.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.71 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files. Water-quality data on file in District office.

PERIOD OF RECORD.--June 1981 to current year.

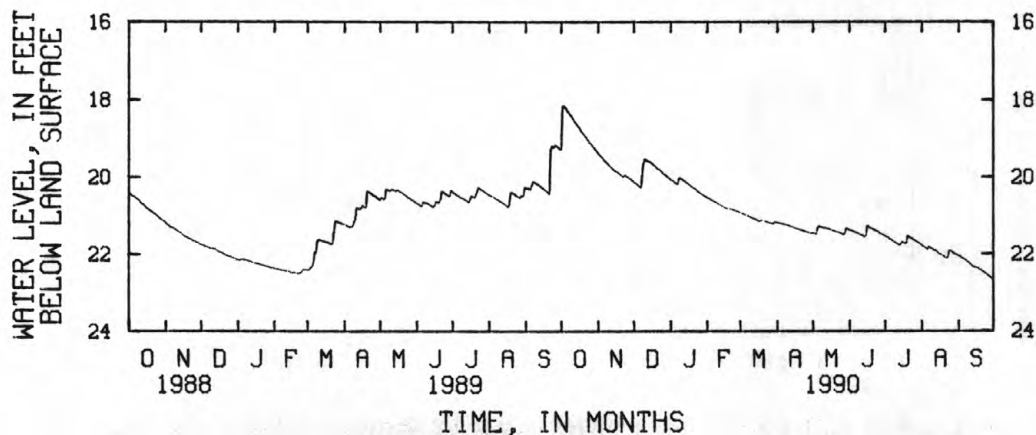
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 22.68 ft below land-surface datum, Sept. 30, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.28	19.39	20.14	20.08	20.55	20.94	21.20	21.47	21.39	21.55	21.79	22.07
2	18.18	19.43	20.16	20.09	20.56	20.95	21.20	21.48	21.40	21.57	21.82	22.08
3	18.15	19.46	20.18	20.11	20.58	20.97	21.21	21.49	21.41	21.59	21.84	22.11
4	18.19	19.49	20.21	20.14	20.60	20.98	21.22	21.50	21.43	21.61	21.86	22.13
5	18.23	19.53	20.24	20.16	20.62	20.99	21.23	21.35	21.44	21.63	21.88	22.15
6	18.28	19.57	20.26	20.19	20.64	21.01	21.24	21.30	21.45	21.65	21.91	22.17
7	18.32	19.60	20.29	20.19	20.65	21.02	21.24	21.30	21.47	21.67	21.84	22.19
8	18.36	19.64	19.98	20.06	20.67	21.04	21.25	21.31	21.48	21.69	21.85	22.21
9	18.40	19.67	19.68	20.04	20.69	21.05	21.26	21.32	21.49	21.71	21.87	22.24
10	18.45	19.70	19.54	20.06	20.70	21.07	21.27	21.33	21.51	21.73	21.89	22.27
11	18.49	19.73	19.55	20.08	20.72	21.08	21.29	21.33	21.53	21.75	21.91	22.29
12	18.55	19.76	19.58	20.10	20.74	21.09	21.29	21.34	21.54	21.77	21.93	22.32
13	18.59	19.79	19.58	20.12	20.76	21.10	21.30	21.35	21.56	21.79	21.95	22.35
14	18.64	19.82	19.60	20.15	20.77	21.12	21.32	21.35	21.57	21.77	21.97	22.36
15	18.68	19.85	19.62	20.17	20.79	21.13	21.33	21.37	21.54	21.71	22.00	22.37
16	18.73	19.87	19.65	20.20	20.81	21.15	21.34	21.38	21.31	21.72	22.02	22.38
17	18.78	19.88	19.67	20.22	20.83	21.16	21.35	21.39	21.31	21.73	22.04	22.39
18	18.83	19.90	19.70	20.24	20.84	21.14	21.36	21.40	21.33	21.75	22.06	22.41
19	18.87	19.93	19.73	20.27	20.85	21.15	21.37	21.41	21.34	21.73	22.07	22.43
20	18.91	19.96	19.76	20.29	20.84	21.15	21.38	21.42	21.35	21.56	22.10	22.45
21	18.95	19.98	19.79	20.31	20.85	21.16	21.39	21.44	21.37	21.57	22.12	22.47
22	18.99	20.01	19.81	20.33	20.86	21.17	21.40	21.45	21.39	21.59	22.14	22.49
23	19.04	19.97	19.83	20.36	20.87	21.18	21.41	21.46	21.41	21.61	22.09	22.51
24	19.07	19.97	19.86	20.38	20.88	21.19	21.42	21.47	21.42	21.63	21.96	22.53
25	19.12	19.99	19.89	20.40	20.89	21.20	21.43	21.49	21.44	21.65	21.94	22.56
26	19.15	20.01	19.92	20.43	20.90	21.21	21.44	21.50	21.46	21.67	21.96	22.59
27	19.19	20.04	19.94	20.45	20.92	21.22	21.45	21.51	21.48	21.69	21.98	22.61
28	19.23	20.06	19.97	20.47	20.93	21.23	21.47	21.49	21.49	21.71	22.00	22.63
29	19.27	20.08	20.00	20.49	---	21.23	21.47	21.36	21.51	21.73	22.02	22.66
30	19.31	20.11	20.03	20.51	---	21.19	21.47	21.36	21.53	21.75	22.03	22.68
31	19.35	---	20.05	20.53	---	21.19	---	21.38	---	21.77	22.05	---
MEAN	18.76	19.81	19.88	20.25	20.76	21.11	21.33	21.40	21.44	21.68	21.96	22.37
MAX	19.35	20.11	20.29	20.53	20.93	21.23	21.47	21.51	21.57	21.79	22.14	22.68
MIN	18.15	19.39	19.54	20.04	20.55	20.94	21.20	21.30	21.31	21.55	21.79	22.07

CAL YR 1989 MEAN 20.64 HIGH 18.15 LOW 22.53

WTR YR 1990 MEAN 20.89 HIGH 18.15 LOW 22.68



FLORENCE COUNTY

341200079444100. Local number, FLO-99.

LOCATION.--Lat 34°12'00'', long 79°44'41'', Hydrologic Unit 03040201, 85 ft east of the rear of City Products warehouse off East Day Street in Florence.

Owner: City Products, Kenneth Ness.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 8 in, depth 216 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.72 ft above land-surface datum.

REMARKS.--Gamma log, Aug. 13, 1980 to depth of 205 ft, caliper log, Aug. 13, 1980 to depth of 204 ft.

Obstruction between 30 to 40 ft. Water-quality data available in District files.

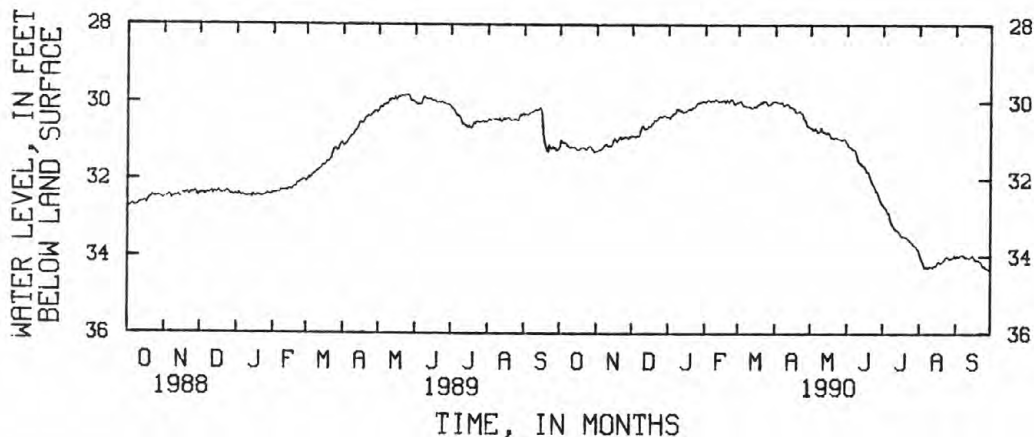
PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 27.26 ft below land-surface datum, May 4, 1983; lowest, 34.35 ft below land-surface datum, Sept. 29, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.17	31.28	30.87	30.38	30.01	30.00	29.97	30.67	31.07	32.67	33.94	34.04
2	31.00	31.28	30.89	30.43	29.97	29.99	29.98	30.67	31.14	32.72	34.03	34.00
3	31.05	31.25	30.89	30.37	29.94	29.96	30.00	30.72	31.15	32.75	34.10	34.02
4	31.07	31.26	30.91	30.35	29.93	30.03	30.00	30.72	31.18	32.80	34.18	34.01
5	31.06	31.22	30.87	30.30	29.98	30.08	30.01	30.69	31.21	32.87	34.28	33.98
6	31.08	31.22	30.89	30.30	29.96	30.09	30.02	30.73	31.23	32.90	34.30	33.97
7	31.14	31.17	30.88	30.27	29.94	30.10	29.99	30.79	31.23	33.03	34.28	33.99
8	31.14	31.12	30.75	30.18	29.97	30.11	30.08	30.76	31.29	33.13	34.31	33.98
9	31.18	31.10	30.66	30.21	29.94	30.10	30.09	30.76	31.39	33.20	34.29	34.03
10	31.17	31.14	30.62	30.19	29.92	30.11	30.05	30.67	31.51	33.24	34.28	34.02
11	31.18	31.15	30.68	30.23	29.94	30.13	30.04	30.76	31.56	33.30	34.28	34.04
12	31.18	31.13	30.70	30.21	29.98	30.15	30.06	30.78	31.59	33.30	34.30	34.05
13	31.18	31.16	30.68	30.26	29.98	30.15	30.12	30.78	31.62	33.34	34.27	34.05
14	31.18	31.12	30.70	30.25	29.96	30.11	30.12	30.82	31.66	33.35	34.24	34.02
15	31.23	31.02	30.63	30.25	29.98	30.10	30.13	30.81	31.67	33.39	34.26	33.99
16	31.25	30.95	30.63	30.23	29.95	30.13	30.16	30.79	31.71	33.45	34.20	34.02
17	31.25	30.98	30.62	30.21	29.94	30.08	30.15	30.83	31.79	33.49	34.15	34.08
18	31.22	31.02	30.56	30.21	30.00	30.04	30.24	30.91	31.82	33.49	34.16	34.11
19	31.20	31.00	30.54	30.17	29.94	30.05	30.25	30.93	31.82	33.50	34.19	34.11
20	31.19	30.95	30.48	30.19	29.96	30.00	30.26	30.94	31.94	33.50	34.18	34.11
21	31.19	30.91	30.48	30.14	30.00	30.02	30.23	30.95	32.04	33.52	34.14	34.13
22	31.21	30.97	30.47	30.15	29.94	29.96	30.23	30.92	32.10	33.54	34.10	34.14
23	31.25	30.93	30.42	30.13	29.92	29.98	30.28	30.93	32.16	33.57	34.04	34.21
24	31.22	30.93	30.39	30.09	29.94	29.97	30.28	30.96	32.23	33.61	34.03	34.27
25	31.17	30.91	30.37	30.03	30.01	30.02	30.41	30.96	32.31	33.64	34.01	34.26
26	31.16	30.91	30.38	30.02	30.06	30.07	30.46	30.97	32.33	33.67	34.06	34.30
27	31.16	30.93	30.37	30.00	30.02	30.06	30.51	30.99	32.40	33.71	34.06	34.32
28	31.22	30.95	30.34	30.02	30.00	30.06	30.60	30.99	32.49	33.73	34.06	34.34
29	31.25	30.90	30.36	29.98	---	30.01	30.64	30.96	32.58	33.76	34.05	34.35
30	31.31	30.91	30.38	29.98	---	29.98	30.64	30.97	32.65	33.81	34.04	34.33
31	31.29	---	30.38	29.97	---	29.98	---	31.03	---	33.84	33.99	---
MEAN	31.18	31.06	30.61	30.18	29.97	30.05	30.20	30.84	31.76	33.35	34.15	34.11
MAX	31.31	31.28	30.91	30.43	30.06	30.15	30.64	31.03	32.65	33.84	34.31	34.35
MIN	31.00	30.90	30.34	29.97	29.92	29.96	29.97	30.67	31.07	32.67	33.94	33.97

CAL YR 1989 MEAN 30.94 HIGH 29.81 LOW 32.50
WTR YR 1990 MEAN 31.46 HIGH 29.92 LOW 34.35



GROUND-WATER LEVELS

FLORENCE COUNTY

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.--Sands of Late Cretaceous age.

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.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 96 ft above National Geodetic Vertical Datum of 1929. 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.

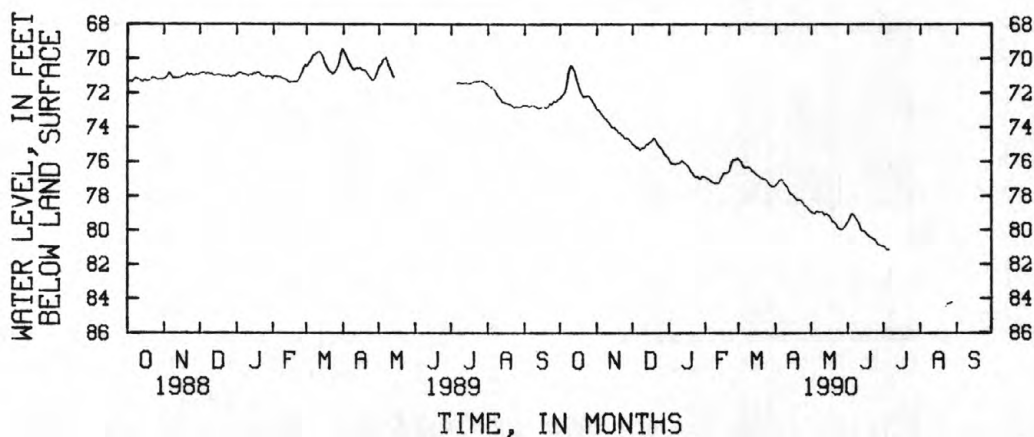
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 84.52 ft below land-surface datum, Aug. 22, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72.34	72.96	75.00	75.89	76.97	75.89	77.42	78.98	79.56	80.99	---	---
2	72.21	73.01	75.04	76.06	76.99	75.96	77.33	79.00	79.41	81.01	---	---
3	72.16	73.06	75.08	76.15	77.04	76.03	77.26	79.05	79.25	81.10	---	---
4	72.07	73.18	75.19	76.16	77.06	76.22	77.15	79.07	79.10	81.17	---	---
5	71.94	73.28	75.20	76.17	77.16	76.32	77.09	78.98	79.09	81.18	---	---
6	71.71	73.37	75.24	76.18	77.21	76.35	77.08	78.95	79.16	81.18	---	---
7	71.38	73.47	75.36	76.19	77.22	76.37	77.13	78.96	79.27	---	---	---
8	70.85	73.53	75.32	76.11	77.30	76.37	77.28	78.98	79.38	---	---	---
9	70.56	73.57	75.25	76.15	77.31	76.34	77.39	78.98	79.48	---	---	---
10	70.42	73.68	75.24	76.11	77.25	76.37	77.44	78.96	79.61	---	---	---
11	70.43	73.78	75.21	76.04	77.31	76.43	77.52	79.05	79.78	---	---	---
12	70.56	73.87	75.12	75.97	77.29	76.54	77.71	79.14	79.99	---	---	---
13	70.71	73.99	75.03	76.05	77.17	76.58	77.85	79.11	80.07	---	---	---
14	70.96	74.04	75.03	76.11	77.03	76.65	77.92	79.09	80.08	---	---	---
15	71.23	74.05	74.94	76.16	76.88	76.73	77.94	79.15	80.10	---	---	---
16	71.46	74.04	74.88	76.23	76.73	76.79	78.03	79.21	80.18	---	---	---
17	71.71	74.16	74.84	76.31	76.69	76.84	78.10	79.29	80.29	---	---	---
18	71.93	74.21	74.74	76.39	76.71	76.88	78.21	79.41	80.35	---	---	---
19	72.04	74.33	74.66	76.54	76.65	76.94	78.26	79.54	80.40	---	---	---
20	72.18	74.34	74.69	76.66	76.64	76.97	78.28	79.58	80.47	---	---	---
21	72.24	74.38	74.80	76.71	76.56	77.03	78.27	79.63	80.48	---	---	---
22	72.24	74.49	74.98	76.83	76.27	77.04	78.29	79.71	80.55	---	84.52	---
23	72.22	74.52	75.07	76.92	76.05	77.05	78.36	79.87	80.58	---	84.48	---
24	72.19	74.64	75.15	76.94	75.91	77.10	78.44	79.94	80.63	---	84.36	---
25	72.20	74.68	75.23	76.91	75.91	77.19	78.56	79.97	80.74	---	84.31	---
26	72.25	74.67	75.32	76.96	75.92	77.29	78.60	79.99	80.85	---	84.30	---
27	72.36	74.70	75.46	77.04	75.87	77.37	78.67	80.00	80.90	---	84.26	---
28	72.46	74.73	75.57	77.03	75.81	77.45	78.75	79.97	80.92	---	84.24	---
29	72.60	74.82	75.68	76.91	---	77.48	78.81	79.86	80.96	---	---	---
30	72.70	74.92	75.76	76.89	---	77.50	78.91	79.75	80.97	---	---	---
31	72.85	---	75.80	76.92	---	77.47	---	79.65	---	---	---	---
MEAN	71.78	74.02	75.16	76.44	76.75	76.76	77.93	79.38	80.09	81.10	84.35	---
MAX	72.85	74.92	75.80	77.04	77.31	77.50	78.91	80.00	80.97	81.18	84.52	---
MIN	70.42	72.96	74.66	75.89	75.81	75.89	77.08	78.95	79.09	80.99	84.24	---

CAL YR 1989 MEAN 71.98 HIGH 69.46 LOW 75.80

WTR YR 1990 MEAN 76.76 HIGH 70.42 LOW 84.52



GEORGETOWN COUNTY

332424079171800. Local number, GEO-77.

LOCATION.--Lat 33°24'24'', long 79°17'18'', Hydrologic Unit 03040207, 5.0 mi north of Georgetown on U.S. Hwy. 701.

Owner: Georgetown Rural Water District.

AQUIFER.--Sands of the Pee Dee and Black Creek Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in from surface to 445 ft, 8 in from 445 ft to 748 ft, depth 748 ft, screened intervals 490-520, 580-660, 720-740 ft, gravel packed.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.10 ft above land-surface datum.

REMARKS.--Driller's log and geophysical logs available in District files.

PERIOD OF RECORD.--June 1970 to current year.

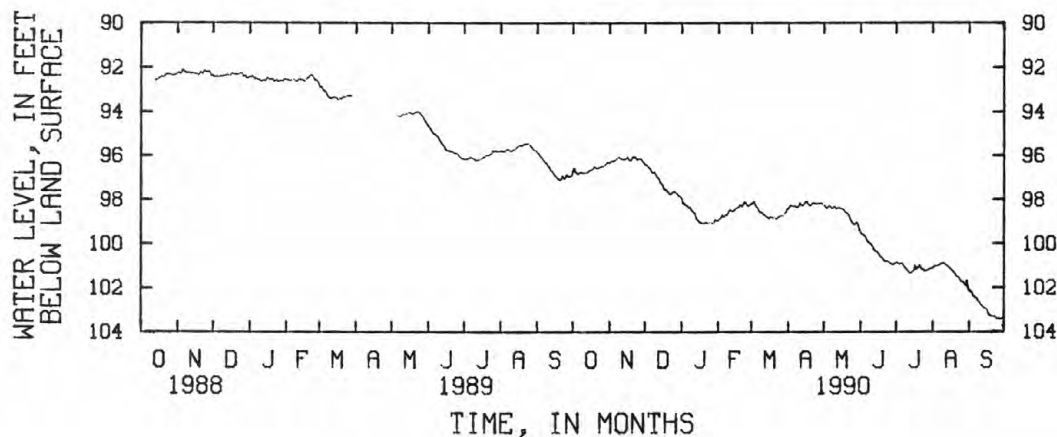
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 63.73 ft below land-surface datum, Nov. 7, 1976; lowest, 103.45 ft below land-surface datum, Sept. 27, 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	96.73	96.35	96.41	97.99	98.98	98.22	98.41	98.26	99.51	100.90	101.16	102.16
2	96.60	96.29	96.44	98.18	98.91	98.18	98.35	98.32	99.61	100.89	101.09	102.21
3	96.73	96.26	96.47	98.23	98.87	98.12	98.28	98.40	99.63	100.94	101.03	102.23
4	96.81	96.27	96.56	98.25	98.75	98.24	98.30	98.40	99.63	100.97	101.05	102.36
5	96.85	96.25	96.58	98.30	98.79	98.34	98.31	98.32	99.74	100.94	101.03	102.43
6	96.84	96.20	96.66	98.33	98.80	98.41	98.31	98.32	99.86	100.92	101.01	102.46
7	96.81	96.15	96.79	98.39	98.72	98.53	98.31	98.38	99.93	101.00	100.96	102.51
8	96.77	96.11	96.79	98.37	98.73	98.60	98.36	98.42	100.0	101.10	100.96	102.59
9	96.82	96.08	96.77	98.51	98.66	98.60	98.37	98.41	100.05	101.17	100.92	102.67
10	96.82	96.12	96.88	98.57	98.53	98.64	98.29	98.32	100.08	101.22	100.90	102.73
11	96.81	96.16	96.99	98.62	98.51	98.70	98.19	98.40	100.15	101.28	100.92	102.81
12	96.82	96.17	97.02	98.65	98.52	98.75	98.26	98.43	100.26	101.34	100.98	102.88
13	96.79	96.19	97.09	98.84	98.55	98.80	98.30	98.38	100.35	101.38	101.02	102.93
14	96.74	96.18	97.25	98.94	98.51	98.84	98.25	98.39	100.37	101.35	101.05	102.97
15	96.71	96.15	97.31	98.98	98.48	98.87	98.15	98.42	100.40	101.31	101.11	102.98
16	96.69	96.08	97.38	99.04	98.41	98.87	98.12	98.44	100.47	101.27	101.17	103.04
17	96.66	96.18	97.52	99.08	98.38	98.82	98.12	98.44	100.58	101.02	101.20	103.18
18	96.61	96.21	97.58	99.09	98.41	98.84	98.22	98.51	100.63	101.18	101.27	103.29
19	96.54	96.22	97.60	99.12	98.27	98.86	98.28	98.59	100.66	101.14	101.34	103.31
20	96.57	96.12	97.66	99.12	98.29	98.84	98.28	98.62	100.75	101.10	101.42	103.33
21	96.58	96.06	97.71	99.07	98.33	98.89	98.21	98.67	100.82	101.00	101.50	103.35
22	96.57	96.10	97.79	99.08	98.23	98.89	98.17	98.73	100.84	101.14	101.53	103.34
23	96.58	96.08	97.77	99.11	98.13	98.85	98.18	98.88	100.82	101.17	101.57	103.35
24	96.55	96.19	97.70	99.10	98.14	98.81	98.20	98.99	100.84	101.25	101.65	103.43
25	96.52	96.18	97.67	99.07	98.25	98.78	98.21	99.09	100.90	101.23	101.75	103.44
26	96.51	96.14	97.65	99.08	98.32	98.76	98.20	99.15	100.93	101.28	101.75	103.42
27	96.49	96.16	97.71	99.14	98.28	98.75	98.20	99.17	100.95	101.26	101.79	103.45
28	96.45	96.19	97.74	99.09	98.22	98.76	98.18	99.11	100.97	101.23	101.86	103.45
29	96.39	96.26	97.82	98.96	---	98.66	98.19	99.07	100.98	101.20	101.93	103.42
30	96.34	96.34	97.87	98.96	---	98.59	98.22	99.24	100.95	101.17	101.72	103.37
31	96.31	---	97.89	98.98	---	98.47	---	99.40	---	101.15	102.05	---
MEAN	96.65	96.18	97.26	98.78	98.50	98.65	98.25	98.63	100.39	101.15	101.31	102.97
MAX	96.85	96.35	97.89	99.14	98.98	98.89	98.41	99.40	100.98	101.38	102.05	103.45
MIN	96.31	96.06	96.41	97.99	98.13	98.12	98.12	98.26	99.51	100.89	100.90	102.16

CAL YR 1989 MEAN 95.19 HIGH 92.35 LOW 97.89

WTR YR 1990 MEAN 99.06 HIGH 96.06 LOW 103.45



GROUND-WATER LEVELS

GEORGETOWN COUNTY

332610079104000. Local number, GEO-84.

LOCATION.--Lat 33°26'09'', long 79°10'35'', Hydrologic Unit 03040207, 2 mi west of Pawleys Island, South Causeway entrance on U.S. Highway 17.

Owner: Johnnie Strait.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 620 ft, cased to 575 ft, screened interval 575-620 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

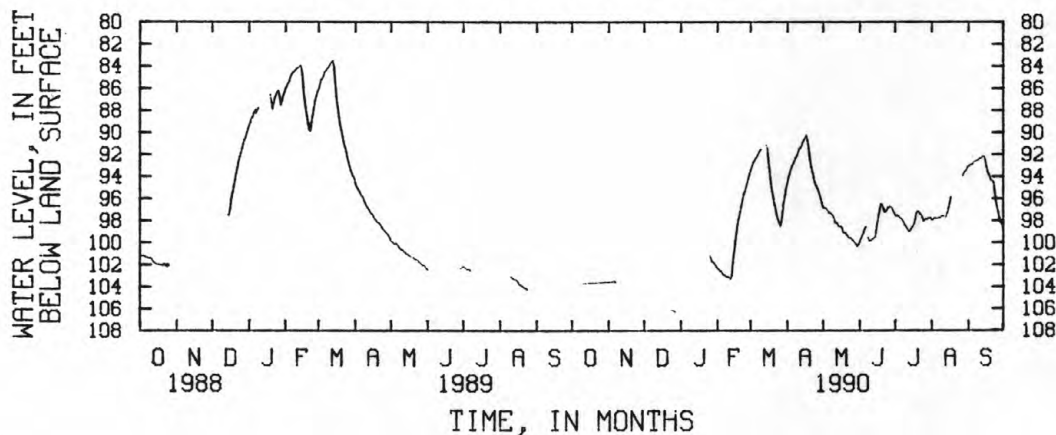
REMARKS.--Gamma logged Feb., 1969 to 530 ft. Fluid-Temperature Resistance logged Oct. 1969 to 535 ft. Water-level influenced by nearby pumping. Water-quality data available in District files.

PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.38 ft below land-surface datum, Feb. 10, 1978; lowest, 106.38 ft below land-surface datum, Dec. 27, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	103.61	---	---	102.37	93.47	94.54	96.82	99.99	97.52	97.95	93.12
2	---	103.60	---	---	102.46	93.08	94.05	96.86	99.67	97.61	97.96	93.02
3	---	103.60	---	---	102.60	92.76	93.68	96.90	99.39	97.54	97.80	92.94
4	---	103.59	---	---	102.63	92.58	93.35	96.99	99.13	97.63	97.81	92.89
5	---	103.58	---	---	102.85	92.39	93.07	97.17	98.83	97.72	97.83	92.76
6	---	103.58	---	---	102.93	92.21	92.81	97.33	98.63	97.82	97.80	92.65
7	---	103.61	---	---	102.99	92.05	92.58	97.28	---	97.94	97.81	92.60
8	---	---	---	---	103.11	91.81	92.31	97.43	99.57	98.11	97.77	92.58
9	---	---	---	---	103.14	91.63	92.08	97.55	99.86	98.41	97.65	92.47
10	103.74	---	---	---	103.14	91.54	91.79	97.71	99.85	98.56	97.60	92.38
11	103.74	---	---	---	103.23	---	91.52	98.16	99.80	98.73	97.62	92.34
12	103.74	---	---	---	103.35	---	91.38	98.21	99.71	98.92	97.66	92.27
13	103.73	---	---	---	103.00	---	91.18	98.26	99.67	99.04	97.66	92.22
14	103.72	---	---	---	101.87	91.13	90.86	98.51	99.55	98.89	97.36	92.15
15	103.72	---	---	---	100.81	91.47	90.63	98.58	98.96	98.69	96.89	92.48
16	103.71	---	---	---	99.85	92.64	90.45	98.55	98.14	98.58	96.43	93.14
17	103.70	---	---	---	99.15	93.66	90.28	98.74	97.51	98.31	95.95	93.64
18	103.70	---	---	---	98.39	94.63	90.70	99.09	96.97	97.92	---	93.85
19	103.69	---	---	---	97.70	95.36	91.58	99.14	96.51	97.41	---	94.04
20	103.69	---	---	---	97.22	95.99	92.52	99.16	96.55	97.18	---	94.38
21	103.68	---	106.05	---	96.70	96.60	93.15	99.33	96.90	97.25	---	94.42
22	103.67	---	106.17	---	96.11	97.07	93.62	99.53	97.22	97.41	---	94.56
23	103.67	---	106.18	---	95.60	97.53	94.09	99.62	97.22	97.49	---	95.39
24	103.66	---	106.21	---	95.35	97.93	94.58	99.58	96.99	97.76	---	96.18
25	103.65	---	106.24	101.05	95.02	98.24	94.86	99.69	96.82	98.06	---	96.82
26	103.65	---	106.27	101.38	94.65	98.53	95.10	99.81	96.80	97.98	---	97.32
27	103.64	---	106.38	101.69	94.20	98.14	95.35	100.00	96.74	97.87	93.94	97.86
28	103.63	---	---	101.82	93.82	97.14	95.66	100.09	96.81	97.90	93.70	98.22
29	103.63	---	---	101.86	---	96.24	96.01	100.25	97.04	97.82	93.55	98.31
30	103.62	---	---	102.08	---	95.67	96.44	100.39	97.29	97.81	93.41	98.64
31	103.62	---	---	102.24	---	95.05	---	100.22	---	97.79	93.16	---
MEAN	---	---	---	---	99.79	---	93.01	98.61	---	97.99	---	94.19
MAX	---	---	---	---	103.35	---	96.44	100.39	---	99.04	---	98.64
MIN	---	---	---	---	93.82	---	90.28	96.82	---	97.18	---	92.15



GREENVILLE COUNTY

345335082185800. Local number, GRV-709.

LOCATION.--Lat 34°53'32'', long 82°17'47'', Hydrologic Unit 03050109, at Brushy Creek Elementary School northeast of Greenville.

Owner: School District of Greenville County.

AQUIFER.--Metamorphic rocks of Paleozoic to Precambrian age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in, depth 80 ft, cased to 6 ft, open hole from 6 to 80 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 948 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.73 ft above land-surface datum.

REMARKS.--Geophysical logs available in District files.

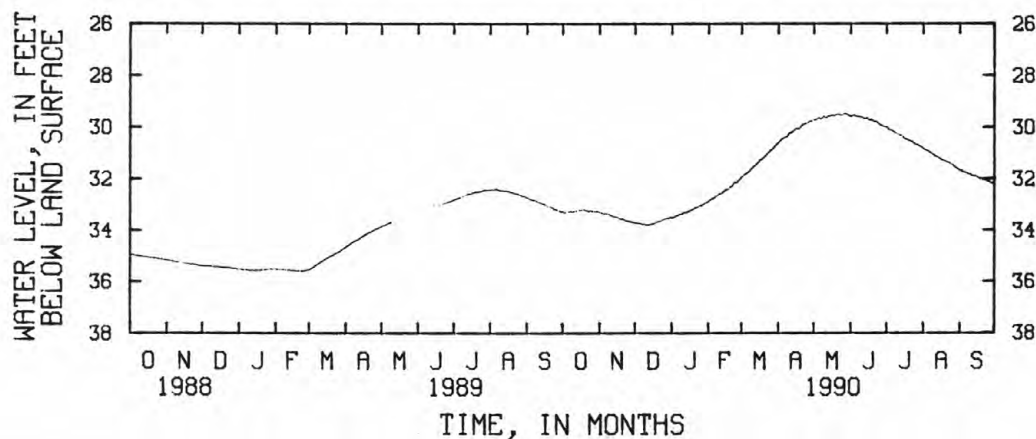
PERIOD OF RECORD.--May 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.81 ft below land-surface datum, June 28, 1973; lowest, 35.62 ft below land-surface datum, Feb. 22 - 24, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.29	33.32	33.73	33.53	32.88	31.95	30.60	29.73	29.59	30.00	30.84	31.70
2	33.31	33.32	33.72	33.52	32.83	31.89	30.55	29.72	29.59	30.04	30.88	31.71
3	33.33	33.34	33.74	33.49	32.81	31.84	30.51	29.72	29.55	30.09	30.90	31.73
4	33.33	33.36	33.74	33.47	32.76	31.83	30.47	29.68	29.53	30.12	30.92	31.76
5	33.32	33.37	33.75	33.46	32.77	31.80	30.44	29.64	29.57	30.12	30.94	31.77
6	33.31	33.37	33.76	33.44	32.73	31.76	30.41	29.66	29.59	30.14	30.97	31.78
7	33.30	33.38	33.79	33.42	32.69	31.74	30.40	29.67	29.59	30.19	31.00	31.79
8	33.29	33.38	33.78	33.39	32.67	31.69	30.38	29.65	29.60	30.22	31.04	31.82
9	33.31	33.40	33.79	33.39	32.62	31.63	30.35	29.61	29.61	30.24	31.06	31.85
10	33.29	33.43	33.80	33.37	32.58	31.59	30.26	29.58	29.61	30.26	31.08	31.86
11	33.28	33.45	33.80	33.33	32.57	31.55	30.22	29.63	29.63	30.29	31.12	31.89
12	33.28	33.47	33.79	33.32	32.56	31.51	30.22	29.62	29.67	30.32	31.15	31.90
13	33.26	33.49	33.80	33.33	32.53	31.46	30.20	29.57	29.68	30.33	31.18	31.92
14	33.26	33.50	33.80	33.30	32.50	31.42	30.14	29.58	29.66	30.35	31.20	31.92
15	33.25	33.49	33.77	33.28	32.46	31.38	30.09	29.58	29.65	30.40	31.23	31.93
16	33.24	33.51	33.77	33.26	32.42	31.32	30.06	29.55	29.71	30.45	31.26	31.96
17	33.23	33.55	33.76	33.23	32.42	31.26	30.04	29.54	29.74	30.48	31.29	32.00
18	33.22	33.57	33.73	33.21	32.39	31.25	30.07	29.56	29.72	30.49	31.31	32.02
19	33.22	33.59	33.70	33.19	32.32	31.20	30.04	29.54	29.73	30.51	31.33	32.01
20	33.24	33.56	33.69	33.16	32.31	31.16	29.99	29.52	29.77	30.53	31.35	32.03
21	33.25	33.59	33.67	33.12	32.28	31.12	29.93	29.51	29.79	30.55	31.37	32.05
22	33.26	33.60	33.67	33.12	32.20	31.08	29.90	29.51	29.80	30.57	31.39	32.05
23	33.28	33.64	33.65	33.10	32.15	31.02	29.88	29.54	29.80	30.59	31.40	32.08
24	33.27	33.67	33.62	33.07	32.15	30.98	29.86	29.53	29.85	30.63	31.42	32.12
25	33.27	33.66	33.59	33.04	32.15	30.93	29.85	29.54	29.90	30.67	31.46	32.12
26	33.28	33.67	33.57	33.05	32.11	30.89	29.81	29.50	29.92	30.70	31.49	32.13
27	33.28	33.69	33.57	33.02	32.04	30.85	29.79	29.49	29.93	30.71	31.53	32.17
28	33.28	33.69	33.55	32.99	31.99	30.80	29.76	29.48	29.97	30.73	31.57	32.19
29	33.29	33.71	33.55	32.94	---	30.75	29.76	29.50	29.99	30.76	31.60	32.19
30	33.29	33.72	33.53	32.93	---	30.70	29.73	29.55	30.00	30.78	31.63	32.21
31	33.29	---	33.49	32.91	---	30.65	---	29.57	---	30.81	31.67	---
TOTAL	1031.60	1005.49	1044.67	1030.38	908.89	971.00	903.71	917.07	891.74	943.07	968.58	958.66
MEAN	33.28	33.52	33.70	33.24	32.46	31.32	30.12	29.58	29.72	30.42	31.24	31.96
MAX	33.33	33.72	33.80	33.53	32.88	31.95	30.60	29.73	30.00	30.81	31.67	32.21
MIN	33.22	33.32	33.49	32.91	31.99	30.65	29.73	29.48	29.53	30.00	30.84	31.70

WTR YR 1990 TOTAL 11574.86 MEAN 31.71 HIGH 29.48 LOW 33.80



GROUND-WATER LEVELS

HAMPTON COUNTY

325005081122800. Local number, HAM-82.

LOCATION.--Lat 32°50'05'', long 81°12'28'', Hydrologic Unit 03050208, at the intersection of State Highway 363 and State Road 41, 5.7 mi west of Hampton on SC-363, at Hampton County landfill.

Owner: South Carolina Water Resources Commission.

AQUIFER.--Santee Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 200 ft, cased to 98 ft, open hole from 98 to 200 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 125 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.80 ft above land-surface datum.

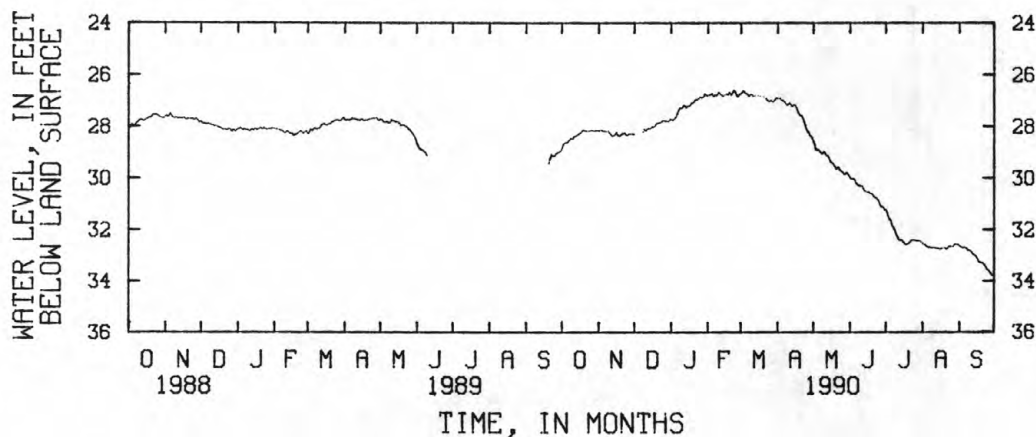
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 25.43 below land-surface datum, Apr. 24, 1983; lowest, 33.83 ft below land-surface datum Sept. 30, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.88	28.18	28.30	27.74	26.81	26.73	26.90	28.60	30.02	31.26	32.56	32.64
2	28.73	28.16	---	27.78	26.78	26.68	26.92	28.72	30.05	31.35	32.59	32.69
3	28.66	28.14	---	27.74	26.78	26.61	26.91	28.90	30.05	31.49	32.60	32.69
4	28.64	28.16	---	27.69	26.72	26.67	26.96	28.95	30.05	31.61	32.64	32.72
5	28.63	28.18	---	27.64	26.79	26.72	26.99	28.92	30.10	31.66	32.69	32.71
6	28.61	28.19	---	27.50	26.83	26.75	27.02	28.96	30.22	31.79	32.72	32.72
7	28.55	28.19	---	27.40	26.78	26.80	27.07	29.02	30.26	31.90	32.71	32.76
8	28.48	28.19	28.23	27.30	26.80	26.81	27.14	29.05	30.32	31.99	32.73	32.82
9	28.47	28.19	28.13	27.30	26.76	26.77	27.18	29.05	30.31	32.09	32.72	32.82
10	28.49	28.26	28.15	27.29	26.68	26.77	27.14	29.00	30.33	32.21	32.72	32.84
11	28.41	28.32	28.15	27.23	26.71	26.80	27.09	29.07	30.33	32.31	32.72	32.89
12	28.39	28.37	28.10	27.17	26.76	26.81	27.16	29.14	30.42	32.40	32.74	32.94
13	28.37	28.38	28.08	27.24	26.80	26.80	27.22	29.16	30.50	32.43	32.74	32.99
14	28.33	28.37	28.09	27.26	26.80	26.80	27.20	29.22	30.54	32.42	32.75	33.02
15	28.29	28.30	28.05	27.24	26.79	26.80	27.16	29.34	30.55	32.44	32.76	33.06
16	28.27	28.24	28.02	27.21	26.75	26.81	27.22	29.42	30.55	32.52	32.79	33.14
17	28.24	28.34	28.03	27.16	26.74	26.82	27.30	29.42	30.57	32.58	32.76	33.25
18	28.20	28.36	28.01	27.10	26.78	26.82	27.46	29.48	30.62	32.60	32.74	33.30
19	28.14	28.38	27.92	27.08	26.70	26.83	27.54	29.57	30.62	32.59	32.72	33.30
20	28.16	28.32	27.89	27.06	26.74	26.83	27.59	29.65	30.67	32.56	32.73	33.31
21	28.17	28.28	27.87	26.97	26.77	26.89	27.60	29.64	30.74	32.52	32.78	33.35
22	28.17	28.29	27.86	26.95	26.66	26.92	27.69	29.60	30.79	32.47	32.76	33.38
23	28.19	28.26	27.85	26.95	26.60	26.96	27.81	29.69	30.79	32.43	32.68	33.46
24	28.18	28.33	27.82	26.92	26.65	27.03	27.97	29.74	30.85	32.42	32.66	33.55
25	28.16	28.34	27.78	26.86	26.77	27.02	28.11	29.79	30.92	32.43	32.68	33.59
26	28.16	28.30	27.77	26.85	26.84	27.00	28.20	29.82	31.03	32.44	32.68	33.63
27	28.16	28.30	27.79	26.89	26.81	27.01	28.25	29.88	31.13	32.44	32.65	33.71
28	28.17	28.30	27.80	26.85	26.75	27.05	28.37	29.87	31.13	32.45	32.60	33.78
29	28.17	28.29	27.81	26.75	---	26.99	28.39	29.80	31.17	32.46	32.58	33.80
30	28.16	28.31	27.80	26.77	---	26.95	28.48	29.86	31.25	32.46	32.58	33.83
31	28.15	---	27.73	26.79	---	26.89	---	29.94	---	32.47	32.59	---
TOTAL	878.78	848.22	---	842.68	749.15	832.14	824.04	910.27	916.88	999.19	1013.37	994.69
MEAN	28.35	28.27	---	27.18	26.76	26.84	27.47	29.36	30.56	32.23	32.69	33.16
MAX	28.88	28.38	---	27.78	26.84	27.05	28.48	29.94	31.25	32.60	32.79	33.83
MIN	28.14	28.14	---	26.75	26.60	26.61	26.90	28.60	30.02	31.26	32.56	32.64



HAMPTON COUNTY

324143080505900. Local number, HAM-83.

LOCATION.--Lat 32°41'43'', long 80°50'59'', 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 Water Resources Commission.

AQUIFER.--Ocala Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 190 ft, cased to 85.5 ft, open hole from 85.5 to 190 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.

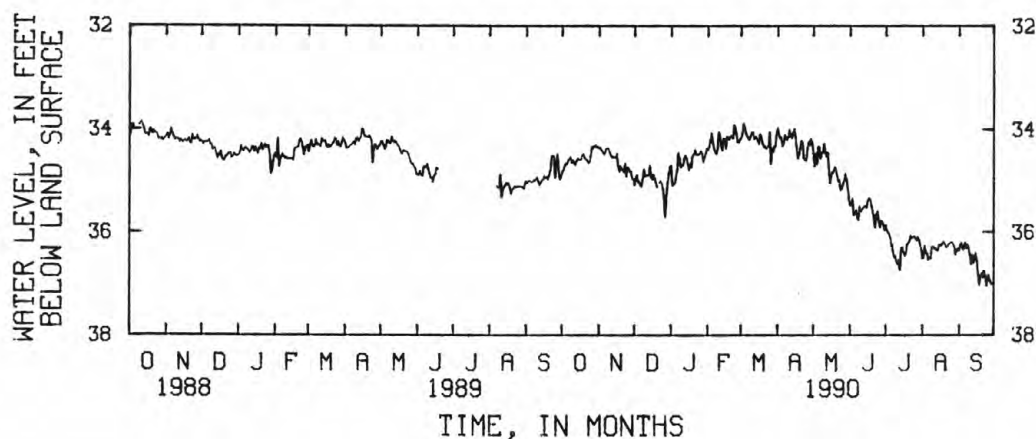
REMARKS.--1976 Caliper, electric, and gamma logs available in District files.

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, 37.06 ft below land-surface datum, Sept. 24, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.84	34.37	35.10	34.72	34.41	34.17	33.98	34.47	35.49	35.89	36.53	36.37
2	34.80	34.36	34.97	35.11	34.34	34.06	34.12	34.73	35.48	35.98	36.51	36.26
3	34.72	34.41	34.90	35.07	34.21	33.90	34.18	34.49	35.37	36.02	36.28	36.22
4	34.67	34.44	35.03	35.07	34.08	33.94	34.17	34.68	35.68	36.05	36.40	36.33
5	34.68	34.49	35.04	34.92	34.27	34.08	34.33	34.34	35.65	36.12	36.43	36.34
6	34.62	34.46	35.11	34.79	34.37	34.14	34.30	34.35	35.59	36.27	36.54	36.22
7	34.58	34.39	35.13	34.47	34.44	34.18	34.12	34.58	35.73	36.38	36.51	36.32
8	34.54	34.37	34.95	34.58	34.49	34.21	34.16	34.48	35.78	36.49	36.53	36.26
9	34.65	34.38	34.79	34.75	34.39	34.14	34.21	34.45	35.52	36.48	36.31	36.29
10	34.62	34.45	34.91	34.71	34.05	34.06	34.16	34.29	35.60	36.59	36.29	36.45
11	34.66	34.52	34.91	34.69	34.09	34.06	34.02	34.44	35.56	36.63	36.31	36.64
12	34.70	34.55	34.90	34.57	34.32	34.19	34.14	34.53	35.54	36.57	36.34	36.46
13	34.63	34.54	34.90	34.52	34.41	34.15	34.17	34.46	35.51	36.75	36.35	36.61
14	34.58	34.56	34.72	34.56	34.19	34.18	34.08	34.75	35.50	36.32	36.38	36.50
15	34.59	34.55	34.94	34.69	34.20	34.23	33.99	35.06	35.54	36.31	36.27	36.43
16	34.60	34.49	34.98	34.80	34.37	34.29	34.17	34.93	35.39	36.39	36.27	36.56
17	34.59	34.72	34.89	34.69	34.15	34.11	34.39	34.86	35.35	36.47	36.27	36.83
18	34.50	34.83	34.97	34.75	34.16	34.15	34.58	34.83	35.38	36.43	36.24	37.03
19	34.49	34.73	35.05	34.53	34.20	34.28	34.49	34.75	35.50	36.25	36.20	36.87
20	34.57	34.79	35.13	34.49	34.14	34.35	34.36	34.77	35.61	36.22	36.24	36.82
21	34.59	34.78	---	34.41	34.13	34.33	34.23	34.90	35.75	36.17	36.30	36.89
22	34.61	34.84	35.05	34.50	34.18	34.38	34.26	35.03	35.93	36.08	36.29	36.77
23	34.66	34.68	35.01	34.50	33.92	34.36	34.57	35.00	35.67	36.11	36.25	36.87
24	34.65	34.92	35.06	34.50	33.97	34.33	34.61	35.19	35.61	36.11	36.23	37.06
25	34.52	34.76	35.17	34.48	34.09	34.05	34.62	35.18	35.80	36.09	36.21	36.91
26	34.34	34.77	35.36	34.43	34.25	34.68	34.37	35.07	35.91	36.12	36.20	36.85
27	34.37	34.83	35.72	34.47	34.26	34.39	34.26	34.99	35.80	36.17	36.26	36.95
28	34.33	34.83	35.30	34.64	34.21	34.43	34.31	34.88	35.81	36.10	36.29	37.01
29	34.30	34.96	35.05	34.55	---	34.34	34.20	34.99	35.87	36.15	36.45	37.02
30	34.35	34.99	34.86	34.47	---	34.32	34.25	35.16	35.97	36.25	36.36	37.03
31	34.34	---	34.73	34.39	---	34.06	---	35.37	---	36.37	36.34	---
MEAN	34.57	34.63	---	34.64	34.22	34.21	34.26	34.77	35.63	36.27	36.33	36.64
MAX	34.84	34.99	---	35.11	34.49	34.68	34.62	35.37	35.97	36.75	36.54	37.06
MIN	34.30	34.36	---	34.39	33.92	33.90	33.98	34.29	35.35	35.89	36.20	36.22



GROUND-WATER LEVELS

HORRY COUNTY

334747078435400. Local number, HO-269.

LOCATION.--Lat 33°47'47'', long 78°43'54'', Hydrologic Unit 03040207, Windy Hill Park.

Owner: City of North Myrtle Beach.

AQUIFER.--Pee Dee and Black Creek Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 416 ft, screens located at unknown intervals below 201 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

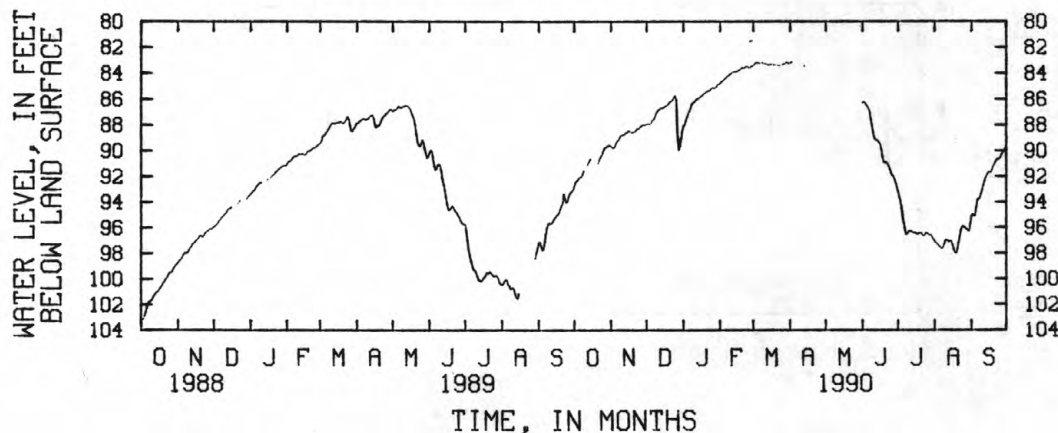
REMARKS.--Geophysical logs available in District Files.

PERIOD OF RECORD.--June 1977 to current year. Prior to October 1983, published as HO-433.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.17 ft below land-surface datum, Dec. 16, 1977; lowest, 118.76 ft below land-surface datum, Aug. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92.79	89.67	87.94	88.10	84.77	83.37	83.21	---	86.30	93.25	97.15	95.14
2	92.47	89.73	87.92	87.93	84.68	83.28	83.16	---	86.24	93.63	97.25	95.02
3	92.36	89.81	87.91	87.69	84.62	83.21	83.11	---	86.33	94.02	97.34	95.12
4	92.26	89.72	87.93	87.44	84.51	83.20	---	---	86.48	94.46	97.41	95.10
5	92.11	89.49	87.80	87.23	84.45	83.19	---	---	86.63	95.07	97.53	94.47
6	92.05	89.31	87.65	86.98	84.35	83.20	---	---	86.76	95.70	97.61	93.89
7	92.03	89.20	87.57	86.74	84.25	83.24	---	---	87.05	96.22	97.70	93.77
8	91.84	89.06	87.41	86.41	84.19	83.21	---	---	87.60	96.57	97.62	93.66
9	91.60	88.87	87.12	86.32	84.11	83.18	---	---	88.12	96.55	97.35	93.41
10	---	88.82	86.95	86.23	84.04	83.23	---	---	88.60	96.36	97.07	93.04
11	---	88.80	86.86	86.13	83.97	83.26	---	---	89.03	96.33	97.00	92.70
12	91.09	88.73	86.78	86.00	83.90	83.28	---	---	89.18	96.32	97.10	92.39
13	90.92	88.67	86.69	85.98	83.90	83.31	83.42	---	89.21	96.41	97.16	92.13
14	90.74	88.60	86.70	85.93	83.87	83.33	---	---	89.27	96.45	97.11	91.88
15	90.65	88.52	86.67	85.84	83.85	83.32	---	---	89.38	96.43	97.15	91.70
16	---	88.45	86.60	85.77	83.80	83.31	---	---	89.53	96.49	97.42	91.70
17	---	88.51	86.56	85.70	83.75	83.30	---	---	89.99	96.56	97.77	91.71
18	---	88.54	86.49	85.61	83.72	83.31	---	---	90.57	96.56	97.98	91.56
19	---	88.57	86.40	85.55	83.59	83.35	---	---	90.89	96.49	98.05	91.27
20	---	88.55	86.27	85.45	83.59	83.34	---	---	90.99	96.50	97.74	91.09
21	91.02	88.52	86.19	85.37	83.58	83.37	---	---	90.95	96.58	97.24	90.88
22	90.77	88.45	86.12	85.37	83.53	83.38	---	---	91.04	96.67	96.71	90.71
23	90.55	88.31	86.05	85.33	83.46	83.38	---	---	91.22	96.71	96.26	90.66
24	90.38	88.31	85.89	85.25	83.47	83.39	---	---	91.47	96.55	96.01	90.67
25	90.15	88.25	85.72	85.16	83.53	83.36	---	---	91.77	96.48	95.93	90.55
26	89.92	88.11	86.05	85.11	83.53	83.32	---	---	91.96	96.54	96.03	90.33
27	89.78	88.05	88.55	85.17	83.51	83.27	---	---	92.03	96.61	96.15	90.18
28	89.73	88.01	89.96	85.12	83.44	83.24	---	---	92.25	96.64	96.16	90.08
29	89.68	88.00	89.66	84.99	---	83.14	---	---	92.56	96.63	96.28	89.94
30	89.57	87.98	89.06	84.88	---	83.18	---	---	92.86	96.79	96.30	89.80
31	89.59	---	88.49	84.85	---	83.24	---	86.55	---	97.01	95.72	---
MEAN	---	88.72	87.22	85.99	83.93	83.28	---	---	89.54	96.12	97.01	92.15
MAX	---	89.81	89.96	88.10	84.77	83.39	---	---	92.86	97.01	98.05	95.14
MIN	---	87.98	85.72	84.85	83.44	83.14	---	---	86.24	93.25	95.72	89.80



HORRY COUNTY

335115079033500. Local number, HO-307.

LOCATION.--Lat 33°50'58'', long 79°03'27'', Hydrologic Unit 03040206, 0.75 mi northeast from intersection of State Highways 701 and 501, at Collins Park in Conway.

Owner: City of Conway.

AQUIFER.--Sands of Pee Dee and Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 438 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--Also known as HO-1 and HO-53. Driller's and geophysical logs available in District files.

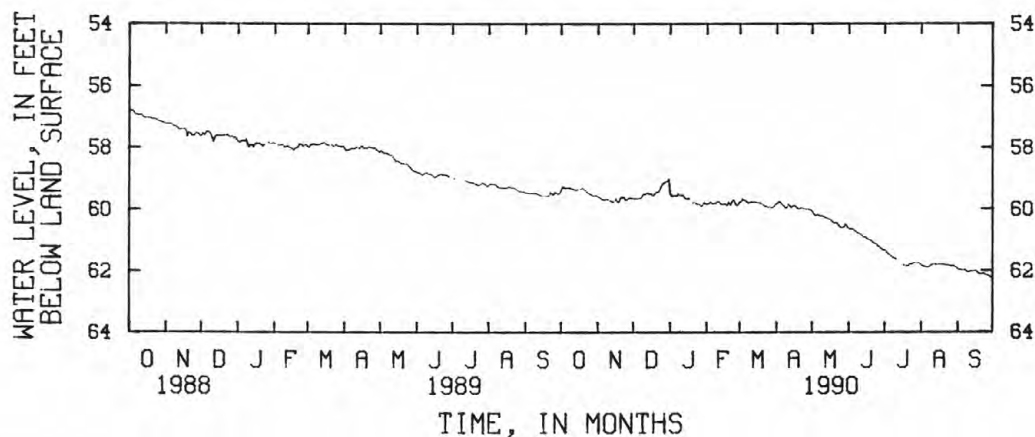
PERIOD OF RECORD.--May 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.91 ft below land-surface datum, Oct. 12, 1974; lowest, 62.24 ft below land-surface datum, Sept. 29, 30, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59.44	59.61	59.69	59.50	59.85	59.81	59.85	60.10	60.66	61.35	61.84	61.97
2	59.32	59.63	59.69	59.58	59.84	59.77	59.83	60.16	60.68	61.37	61.88	61.99
3	59.31	59.65	59.68	59.58	59.84	59.70	59.78	60.21	60.68	61.43	61.88	61.99
4	59.32	59.69	59.69	59.58	59.80	59.72	59.80	60.23	60.67	61.47	61.89	62.00
5	59.33	59.71	59.68	59.58	59.82	59.74	59.85	60.23	60.69	61.49	61.90	62.01
6	59.33	59.71	59.68	59.58	59.85	59.75	59.89	60.21	60.73	61.52	61.91	62.01
7	59.33	59.71	59.68	59.58	59.83	59.80	59.91	60.24	60.76	61.56	61.91	62.00
8	59.33	59.71	59.64	59.53	59.83	59.83	59.97	60.26	60.79	61.60	61.90	62.03
9	59.34	59.70	59.57	59.56	59.83	59.82	59.99	60.27	60.82	61.62	61.85	62.06
10	59.35	59.72	59.53	59.56	59.78	59.80	59.97	60.25	60.83	61.63	61.84	62.07
11	59.36	59.75	59.54	59.57	59.78	59.80	59.87	60.27	60.84	61.66	61.83	62.06
12	59.38	59.76	59.51	59.57	59.82	59.80	59.92	60.31	60.88	---	61.83	62.03
13	59.39	59.79	59.47	59.64	59.86	59.80	59.96	60.31	60.92	---	61.82	62.04
14	59.39	59.79	59.52	59.68	59.86	59.80	59.96	60.32	60.93	---	61.83	62.04
15	59.39	59.77	59.52	59.68	59.86	59.82	59.92	60.35	60.93	---	61.83	62.03
16	59.39	59.69	59.52	59.68	59.86	59.82	59.92	60.36	60.97	---	61.83	62.02
17	59.39	59.76	59.57	59.68	59.86	59.82	59.92	60.37	61.01	61.84	61.83	62.06
18	59.37	59.80	59.57	---	59.91	59.82	59.97	60.43	61.02	61.85	61.83	62.10
19	59.34	59.78	59.53	---	59.82	59.85	60.01	60.46	61.02	61.87	61.83	62.12
20	59.36	59.67	59.48	59.83	59.84	59.86	60.02	60.47	61.05	61.88	61.83	62.13
21	59.40	59.62	59.47	59.80	59.89	59.91	60.01	60.47	61.10	61.88	61.84	62.13
22	59.44	59.65	59.46	59.81	59.81	59.94	59.99	60.47	61.14	61.83	61.84	62.12
23	59.48	59.64	59.41	59.85	59.73	59.94	60.00	60.54	61.13	61.82	61.84	62.11
24	59.50	59.71	59.31	59.86	59.74	59.95	60.01	60.58	61.16	61.82	61.84	62.16
25	59.51	59.71	59.24	59.86	59.85	59.96	60.02	60.62	61.21	61.79	61.86	62.17
26	59.54	59.69	59.17	59.87	59.91	59.96	60.03	60.63	61.23	61.78	61.88	62.17
27	59.57	59.67	59.16	59.93	59.89	59.97	60.03	60.63	61.26	61.78	61.88	62.19
28	59.58	59.66	59.13	59.92	59.83	59.98	60.04	60.61	61.30	61.78	61.88	62.23
29	59.58	59.66	59.12	59.84	---	59.96	60.05	60.52	61.33	61.78	61.88	62.24
30	59.58	59.69	59.09	59.83	---	59.94	60.05	60.57	61.35	61.78	61.90	62.24
31	59.58	---	59.04	59.85	---	59.88	---	60.63	---	61.79	61.94	---
MEAN	59.42	59.70	59.46	59.70	59.84	59.85	59.95	60.39	60.97	61.69	61.86	62.08
MAX	59.58	59.80	59.69	59.93	59.91	59.98	60.05	60.63	61.35	61.88	61.94	62.24
MIN	59.31	59.61	59.04	59.50	59.73	59.70	59.78	60.10	60.66	61.35	61.82	61.97

CAL YR 1989 MEAN 58.83 HIGH 57.76 LOW 59.80
WTR YR 1990 MEAN 60.40 HIGH 59.04 LOW 62.24



GROUND-WATER LEVELS

JASPER COUNTY

323111080592000. Local number, JAS-144.

LOCATION.--Lat 32°31'11'', long 80°59'20'', Hydrologic Unit 03050208, 3.5 mi northwest of Ridgeland, 200 ft north of State Road 175, 0.1 mi east of the intersection of State Road 39 and State Road 175 and 1.6 mi west of the intersection of State Road 175 and U.S. Highway 17.

Owner: Ted Roach

AQUIFER.--Hawthorn Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 189 ft, cased to 104 ft, open hole from 104 to 189 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 1.6 ft above land-surface datum.

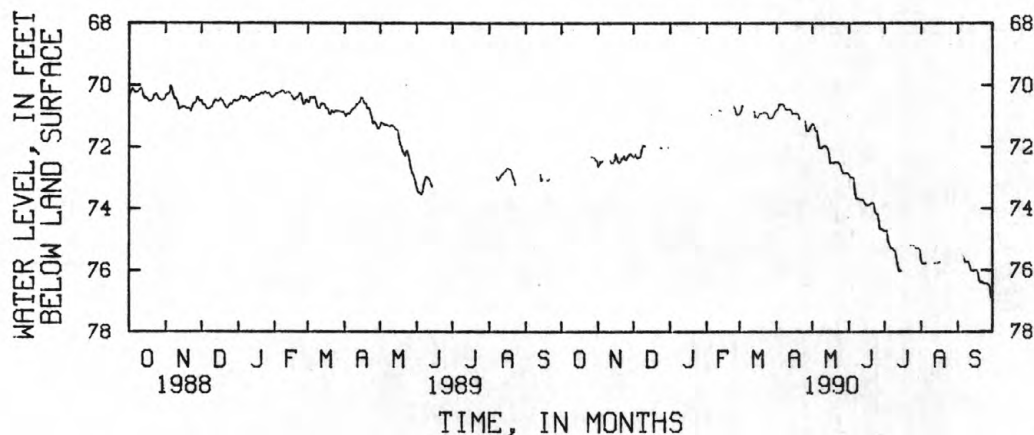
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--February 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 64.78 ft below land-surface datum, Apr. 15, 1975; lowest recorded, 76.93 ft below land-surface datum, Sept. 30, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	72.62	72.32	---	---	70.91	70.81	71.28	72.92	74.75	75.73	---
2	---	72.59	72.31	---	---	70.83	70.77	71.28	73.00	74.75	75.80	75.52
3	---	72.50	72.26	---	71.03	70.68	70.64	71.40	73.01	74.75	75.80	75.51
4	---	72.50	72.36	---	70.99	---	70.62	71.50	73.01	75.10	75.80	75.51
5	---	72.47	72.36	---	70.95	---	70.62	71.50	73.05	75.17	75.80	75.52
6	---	---	72.35	---	---	---	70.62	71.80	73.53	75.29	---	75.55
7	---	---	72.32	---	---	---	70.64	72.04	73.69	75.31	---	75.74
8	---	---	72.10	---	---	---	70.75	72.04	73.70	75.32	---	75.75
9	---	---	71.97	---	---	---	70.77	72.04	73.71	75.39	---	75.75
10	---	---	71.96	---	70.87	---	70.79	72.00	73.73	75.40	---	75.75
11	---	72.44	71.98	---	70.81	---	70.78	71.99	73.73	75.61	---	75.88
12	---	72.52	---	---	70.81	---	70.78	71.99	73.73	75.79	75.79	76.02
13	---	72.52	---	---	70.83	70.85	70.82	72.00	73.74	76.01	75.79	76.04
14	---	72.52	---	---	---	71.02	70.91	72.08	73.84	76.04	75.79	76.05
15	---	72.43	---	---	---	---	70.92	72.22	73.90	76.04	75.78	76.04
16	---	72.25	---	---	---	71.04	70.92	72.53	73.90	---	75.77	76.02
17	---	72.35	---	---	---	70.99	70.92	72.53	73.90	---	75.76	76.02
18	---	72.48	---	---	---	70.92	70.92	72.53	73.90	---	---	76.11
19	---	72.52	---	---	---	70.92	70.93	72.53	73.88	---	---	76.34
20	---	72.50	---	---	---	70.90	71.08	72.52	73.85	---	---	76.40
21	---	72.40	---	---	---	70.89	---	72.52	73.85	---	---	76.40
22	---	72.37	---	---	---	70.89	---	72.52	73.86	---	---	76.42
23	---	72.30	---	---	70.77	70.89	---	72.52	74.12	75.21	---	76.45
24	---	72.40	72.03	---	70.69	70.91	---	72.57	74.19	75.21	---	76.45
25	---	72.43	72.04	---	70.73	71.03	71.18	72.65	74.22	75.21	---	76.45
26	72.33	72.33	---	---	70.92	71.08	71.47	72.78	74.40	75.22	---	76.46
27	72.32	72.28	---	---	70.96	71.08	71.49	72.87	74.68	75.29	---	76.48
28	72.32	72.24	---	---	70.95	71.07	71.49	72.87	74.68	75.30	---	76.56
29	72.35	72.23	---	---	---	71.03	71.41	72.87	74.71	75.30	---	76.88
30	72.44	72.29	72.03	---	---	70.94	71.33	72.87	74.73	75.30	---	76.93
31	72.44	---	72.02	71.04	---	70.86	---	72.87	---	75.37	---	---
TOTAL	---	---	---	---	---	---	---	2239.71	2215.16	---	---	---
MEAN	---	---	---	---	---	---	---	72.25	73.84	---	---	---
MAX	---	---	---	---	---	---	---	72.87	74.73	---	---	---
MIN	---	---	---	---	---	---	---	71.28	72.92	---	---	---



LEE COUNTY

341405080110100. Local number, LE-23.

LOCATION.--Lat 34°14'05'', long 80°11'01'', Hydrologic Unit 03040202, 395 ft east and 450 ft north of the cemetery near Wayside Church and SC-31-22 near Bishopville.

Owner: Robert W. Merck.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 350 ft, cased to 350 ft. Screened intervals unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

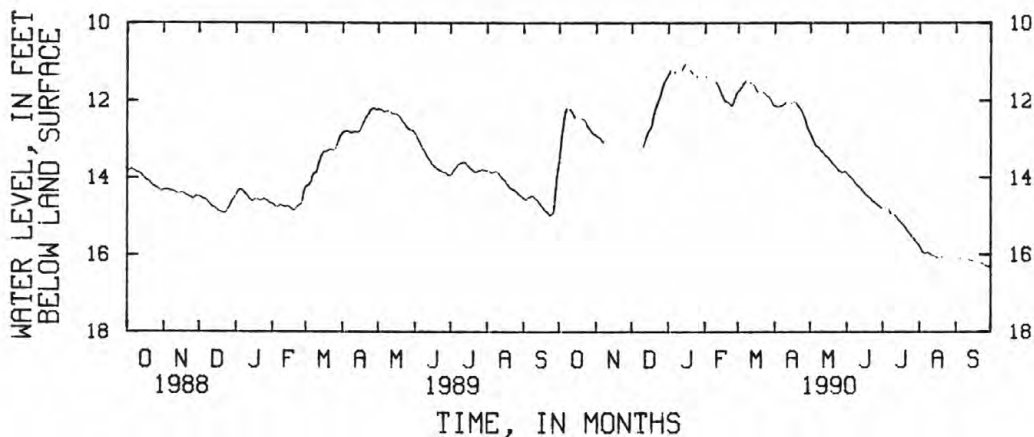
REMARKS.--June 3, 1977, Gamma logged to 350 ft. April 1980, Gamma logged to 338 ft. Pump test data available in District files. Water-level affected by nearby irrigation well.

PERIOD OF RECORD.--June 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.32 ft below land-surface datum, Apr. 26, 1983; lowest, 17.37 ft below land-surface datum, June 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.61	12.92	---	11.33	11.38	11.76	12.16	12.87	13.91	---	15.80	---
2	13.27	12.95	---	11.28	11.41	11.73	12.17	12.94	13.95	---	15.85	---
3	12.92	12.97	---	11.24	---	11.70	12.18	13.01	13.99	14.80	15.93	16.16
4	12.74	12.98	---	---	---	11.66	12.18	13.09	14.01	14.79	15.96	16.14
5	12.48	13.03	---	---	---	11.59	12.17	13.15	14.04	14.78	15.98	16.12
6	12.30	13.07	---	11.26	---	11.54	12.16	13.19	14.08	14.83	15.98	---
7	12.22	13.09	---	11.28	---	11.52	12.14	13.21	14.12	14.91	15.97	---
8	---	---	13.29	---	11.44	---	12.12	13.23	14.16	14.95	15.97	---
9	---	---	13.29	---	11.47	---	12.10	13.27	14.20	---	15.98	16.13
10	12.23	---	13.27	---	11.53	---	12.07	13.31	14.24	---	16.00	16.14
11	12.27	---	13.19	11.28	11.58	11.54	---	13.33	14.26	14.99	16.02	16.14
12	12.31	---	13.09	11.24	11.64	11.55	---	13.37	14.28	15.02	16.04	16.15
13	12.39	---	12.98	11.18	11.71	11.57	---	13.42	14.32	15.06	16.05	16.17
14	12.44	---	12.90	11.11	11.78	11.60	12.08	13.45	14.36	15.11	16.07	16.18
15	---	---	12.82	11.07	11.86	11.65	12.09	13.47	14.40	15.14	16.08	16.18
16	---	---	12.77	---	11.93	11.71	12.07	13.49	14.44	15.17	16.10	---
17	---	---	12.73	---	11.99	11.77	12.05	13.53	14.47	15.20	16.10	---
18	---	---	12.64	---	12.03	---	12.05	13.57	14.49	15.24	---	---
19	---	---	12.46	11.22	12.04	---	12.08	13.62	14.52	15.28	---	---
20	12.47	---	12.33	11.25	12.05	---	12.12	13.66	14.54	15.32	16.09	16.19
21	12.49	---	12.22	11.29	12.08	---	12.17	13.69	14.57	15.37	---	16.20
22	12.50	---	12.13	---	12.12	11.80	12.21	13.73	14.61	15.41	---	16.23
23	12.55	---	12.05	---	12.14	11.81	12.25	13.76	14.64	15.44	---	16.25
24	12.64	---	11.97	11.32	12.13	11.84	12.30	13.80	14.66	15.48	16.09	16.26
25	12.69	---	11.89	11.39	12.05	11.88	12.38	13.83	14.68	15.52	16.10	16.29
26	12.72	---	11.77	---	11.96	11.90	12.47	13.86	14.71	15.56	---	16.30
27	12.77	---	11.67	---	11.87	11.93	12.57	13.88	14.74	15.60	---	16.32
28	12.82	---	11.57	---	11.81	11.97	12.67	13.88	14.76	15.65	---	16.33
29	12.85	---	11.51	11.39	---	12.03	12.75	13.87	14.79	15.68	16.12	16.33
30	12.88	---	11.45	11.37	---	12.09	12.82	13.86	14.81	15.71	16.14	16.31
31	12.89	---	11.39	11.38	---	12.14	---	13.87	---	15.75	16.16	---
TOTAL	---	---	---	---	---	---	---	418.21	431.75	---	---	---
MEAN	---	---	---	---	---	---	---	13.49	14.39	---	---	---
MAX	---	---	---	---	---	---	---	13.88	14.81	---	---	---
MIN	---	---	---	---	---	---	---	12.87	13.91	---	---	---



GROUND-WATER LEVELS

MARION COUNTY

335143079195000. Local number, MN-77.

LOCATION.--Lat 33°51'43'', long 79°19'50'', Hydrologic Unit 03040201, approximately 500 ft south of Britton Neck fire tower, near the intersection of county road 908 and U.S. 378, and 16.2 mi west of Conway.

Owner: U.S. Geological Survey; on property owned by South Carolina Forestry Commission.

AQUIFER.--Sands of the Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, from surface to 322 ft, 3 in, from 322 to 356 ft, depth 356 ft, screened intervals 325-335, 345-355 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.15 ft above land-surface datum.

REMARKS.--Water-quality data available in District files.

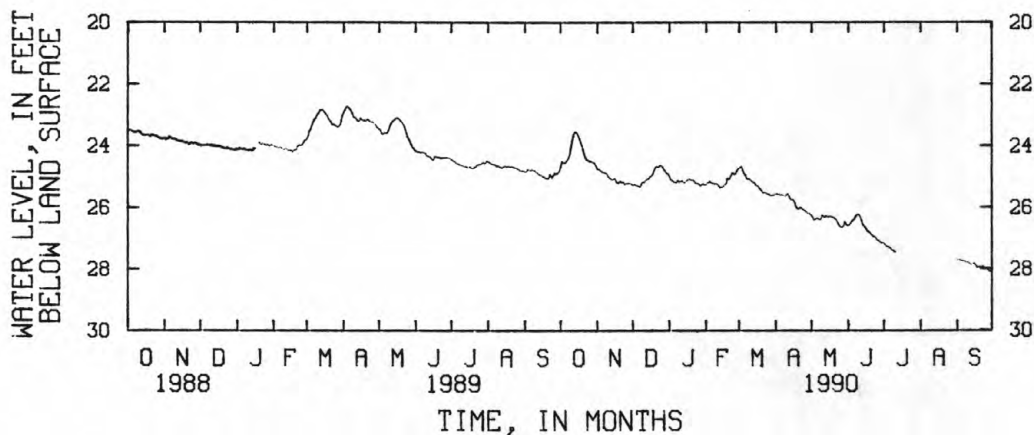
PERIOD OF RECORD.--July 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 28.11 ft below land-surface datum, Sept. 29, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.71	24.76	25.29	24.99	25.28	24.75	25.59	26.29	26.61	27.20	---	27.74
2	24.53	24.78	25.28	25.10	25.23	24.71	25.59	26.36	26.59	27.23	---	27.74
3	24.55	24.78	25.28	25.13	25.21	24.68	25.58	26.42	26.54	27.29	---	27.74
4	24.56	24.83	25.31	25.16	25.16	24.79	25.60	26.42	26.47	27.32	---	27.77
5	24.56	24.86	25.30	25.19	25.21	24.88	25.62	26.38	26.45	27.32	---	27.77
6	24.53	24.88	25.32	25.19	25.24	24.95	25.61	26.38	26.40	27.34	---	27.77
7	24.48	24.89	25.36	25.20	25.22	25.05	25.62	26.41	26.32	27.38	---	27.78
8	24.40	24.90	25.28	25.14	25.26	25.10	25.64	26.42	26.28	27.42	---	27.81
9	24.28	24.92	25.20	25.18	25.26	25.09	25.65	26.40	26.26	27.44	---	27.82
10	24.05	24.99	25.19	25.18	25.23	25.10	25.61	26.29	26.26	27.46	---	27.83
11	23.85	25.04	25.19	25.16	25.27	25.14	25.57	26.32	26.32	27.48	---	27.85
12	23.69	25.07	25.13	25.14	25.33	25.17	25.66	26.34	26.44	---	---	27.87
13	23.58	25.10	25.09	25.20	25.38	25.19	25.73	26.31	26.57	---	---	27.89
14	23.55	25.11	25.10	25.20	25.37	25.22	25.76	26.31	26.62	---	---	27.88
15	23.59	25.10	25.04	25.16	25.36	25.28	25.77	26.33	26.66	---	---	27.86
16	23.68	25.08	25.00	25.13	25.31	25.31	25.81	26.33	26.73	---	---	27.88
17	23.78	25.17	24.98	25.11	25.28	25.32	25.88	26.31	26.80	---	---	27.95
18	23.88	25.20	24.92	25.09	25.26	25.38	26.00	26.33	26.82	---	---	27.98
19	23.98	25.23	24.80	25.11	25.10	25.43	26.06	26.36	26.84	---	---	27.97
20	24.14	25.17	24.72	25.12	25.09	25.47	26.07	26.36	26.89	---	---	27.97
21	24.28	25.17	24.68	25.11	25.09	25.53	26.04	26.39	26.94	---	---	27.98
22	24.39	25.20	24.70	25.16	25.00	25.55	26.04	26.43	26.97	---	---	27.97
23	24.47	25.19	24.68	25.22	24.91	25.55	26.07	26.53	26.98	---	---	27.96
24	24.49	25.26	24.64	25.23	24.89	25.56	26.09	26.59	27.02	---	---	28.01
25	24.50	25.25	24.66	25.23	24.93	25.58	26.12	26.64	27.07	---	---	28.02
26	24.52	25.23	24.69	25.26	24.92	25.59	26.15	26.66	27.10	---	---	28.02
27	24.54	25.24	24.76	25.32	24.83	25.61	26.19	26.67	27.12	---	---	28.06
28	24.55	25.23	24.81	25.31	24.76	25.64	26.22	26.63	27.16	---	---	28.10
29	24.57	25.25	24.87	25.25	---	25.62	26.22	26.50	27.19	---	---	28.11
30	24.60	25.27	24.92	25.27	---	25.64	26.25	26.57	27.20	---	---	28.10
31	24.67	---	24.93	25.28	---	25.60	---	26.61	---	---	27.71	---
MEAN	24.26	25.07	25.00	25.18	25.16	25.27	25.86	26.43	26.72	27.35	27.71	27.91
MAX	24.71	25.27	25.36	25.32	25.38	25.64	26.25	26.67	27.20	27.48	27.71	28.11
MIN	23.55	24.76	24.64	24.99	24.76	24.68	25.57	26.29	26.26	27.20	27.71	27.74

CAL YR 1989 MEAN 24.24 HIGH 22.73 LOW 25.36
WTR YR 1990 MEAN 25.75 HIGH 23.55 LOW 28.11



MARLBORO COUNTY

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 115 ft, screened interval 75-115 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

REMARKS.--1957 water-quality data on file in District office.

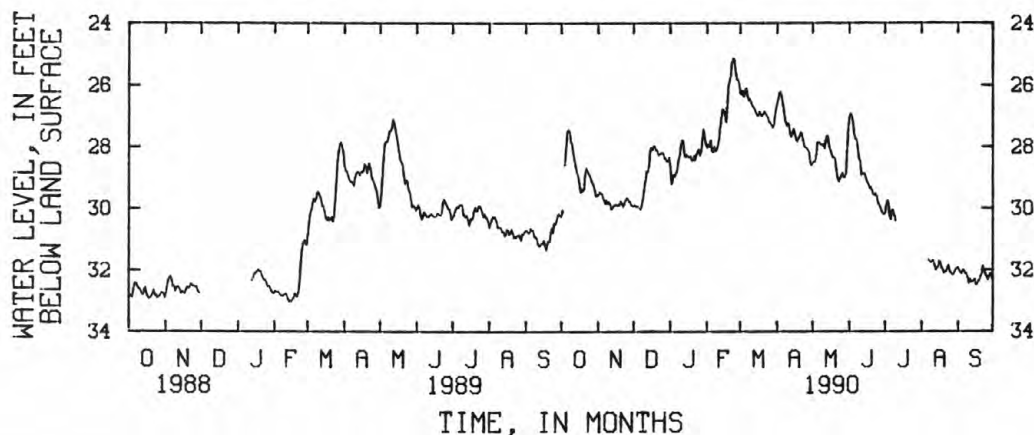
PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 33.77 ft below land-surface datum, Nov. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.28	29.57	29.95	28.62	28.03	26.27	26.60	28.55	27.06	30.20	---	31.93
2	30.09	29.49	29.90	29.22	27.94	26.32	26.42	28.51	26.95	29.92	---	32.04
3	---	29.53	29.96	29.11	28.00	26.21	26.25	28.51	26.99	29.76	---	32.11
4	28.60	29.53	29.96	28.93	27.81	26.38	26.21	28.27	27.26	29.83	---	32.15
5	27.98	29.67	29.96	28.94	28.14	26.20	26.42	27.87	27.61	30.30	---	32.05
6	27.52	29.75	30.01	28.85	28.19	26.11	26.67	27.87	27.76	30.38	---	32.02
7	27.45	29.86	30.07	28.72	28.02	26.37	26.91	27.87	27.79	30.09	31.70	32.12
8	27.52	29.76	29.90	28.43	28.15	26.50	27.21	27.94	28.06	30.09	31.75	32.13
9	27.84	29.86	29.71	28.27	28.10	26.46	27.34	27.96	28.41	30.26	31.79	32.27
10	27.93	29.81	29.42	27.96	27.99	26.57	27.27	27.93	28.50	30.41	31.73	32.45
11	28.20	29.87	29.11	27.79	27.80	26.68	27.30	28.06	28.95	---	31.71	32.33
12	28.44	30.03	28.82	27.85	27.37	26.73	27.60	27.81	28.89	---	31.90	32.42
13	28.67	30.03	28.82	28.31	27.06	26.80	27.68	27.66	28.89	---	32.02	32.41
14	28.85	29.93	28.63	28.33	26.79	26.91	27.58	27.67	28.90	---	31.97	32.37
15	28.94	29.92	28.15	28.28	26.81	26.99	27.44	28.01	29.06	---	31.90	32.32
16	29.21	29.88	28.04	28.33	26.97	27.02	27.63	28.13	29.17	---	31.74	32.49
17	29.49	29.93	28.10	28.34	27.21	26.89	27.76	28.24	29.24	---	31.76	32.49
18	29.40	29.89	27.99	28.33	26.73	26.96	27.85	28.35	29.37	---	31.94	32.39
19	29.44	29.92	27.99	28.45	26.01	27.02	27.75	28.37	29.32	---	32.01	32.37
20	29.39	29.78	28.11	28.45	25.87	26.95	27.68	28.43	29.42	---	32.11	32.23
21	28.92	29.84	28.13	28.32	25.70	26.87	27.55	28.79	29.55	---	32.10	32.13
22	28.71	29.96	28.27	28.44	25.24	26.93	27.60	29.05	29.59	---	32.06	31.89
23	28.77	29.87	28.26	28.26	25.14	26.98	27.83	29.15	29.53	---	31.93	32.04
24	28.88	29.77	28.22	28.16	---	27.06	27.99	29.06	29.64	---	31.86	32.15
25	28.94	29.69	28.21	28.09	---	27.21	28.04	28.97	29.85	---	32.06	32.23
26	29.08	29.71	28.22	28.27	25.82	27.24	28.06	28.87	29.88	---	32.10	32.34
27	29.17	29.79	28.38	28.16	25.84	27.30	28.13	28.98	29.99	---	32.18	32.25
28	29.23	29.79	28.39	27.75	25.96	27.40	28.21	29.01	30.11	---	32.19	32.15
29	29.42	29.91	28.47	27.44	---	27.34	28.52	28.89	30.19	---	32.10	32.17
30	29.60	29.93	28.47	27.72	---	27.09	28.61	28.14	30.23	---	32.00	32.30
31	29.61	---	28.37	27.93	---	26.78	---	27.46	---	---	31.98	---
MEAN	28.85	29.81	28.84	28.32	27.03	26.79	27.47	28.33	28.87	30.12	31.94	32.22
MAX	30.28	30.03	30.07	29.22	28.19	27.40	28.61	29.15	30.23	30.41	32.19	32.49
MIN	27.45	29.49	27.99	27.44	25.14	26.11	26.21	27.46	26.95	29.76	31.70	31.89

CAL YR 1989 MEAN 30.04 HIGH 27.14 LOW 33.05
WTR YR 1990 MEAN 28.96 HIGH 25.14 LOW 32.49



GROUND-WATER LEVELS

MARLBORO COUNTY

343715079411500. Local number, MLB-112.

LOCATION.--Lat 34°37'15'', long 79°41'15'', Hydrologic Unit 03040201, Marlboro County Recreation Department Building, in Bennettsville.

Owner: Town of Bennettsville.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320-335 ft.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 135 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.

REMARKS.--1971 Gamma and Caliper logged to 297 ft. Also known as MLB-134.

PERIOD OF RECORD.--January 1972 to current year.

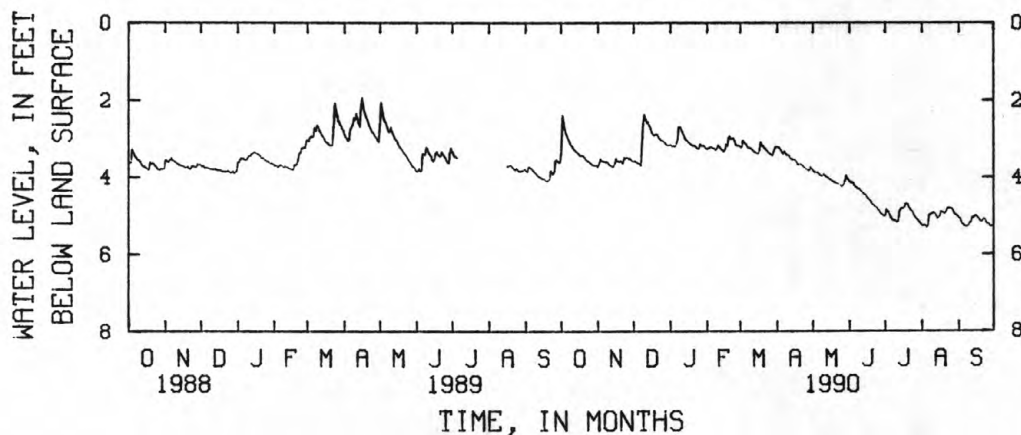
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 0.85 ft below land-surface datum, Feb. 2, 1973; lowest, 5.40 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.39	3.75	3.60	3.17	3.29	3.23	3.23	3.83	4.13	5.02	5.27	5.06
2	2.40	3.66	3.59	3.20	3.25	3.23	3.23	3.87	4.15	4.87	5.28	5.10
3	2.59	3.54	3.62	3.20	3.25	3.07	3.25	3.90	4.15	4.90	5.26	5.17
4	2.77	3.58	3.64	3.20	3.23	3.10	3.30	3.90	4.18	4.93	5.28	5.23
5	2.88	3.60	3.65	3.22	3.24	3.13	3.37	3.88	4.24	5.01	5.32	5.25
6	2.96	3.61	3.67	3.13	3.26	3.16	3.41	3.92	4.27	5.07	5.29	5.28
7	3.04	3.61	3.71	3.03	3.27	3.22	3.35	3.96	4.29	5.12	5.01	5.30
8	3.10	3.62	3.14	2.71	3.31	3.25	3.40	3.98	4.32	5.14	4.99	5.30
9	3.17	3.62	2.62	2.70	3.28	3.25	3.44	3.98	4.32	5.14	4.96	5.29
10	3.20	3.67	2.38	2.78	3.18	3.27	3.44	3.92	4.35	5.15	4.95	5.21
11	3.25	3.70	2.51	2.83	3.21	3.30	3.46	3.98	4.39	5.19	4.95	5.18
12	3.30	3.72	2.59	2.90	3.26	3.34	3.52	4.00	4.43	5.15	4.98	5.07
13	3.34	3.74	2.57	3.00	3.30	3.36	3.55	4.01	4.45	4.90	5.02	5.06
14	3.36	3.74	2.67	3.04	3.33	3.38	3.55	4.04	4.47	4.84	5.08	5.03
15	3.39	3.66	2.73	3.07	3.35	3.40	3.55	4.07	4.50	4.82	5.06	5.01
16	3.43	3.53	2.83	3.11	3.30	3.41	3.58	4.09	4.55	4.82	5.03	5.03
17	3.45	3.58	2.89	3.13	3.16	3.31	3.61	4.10	4.59	4.80	4.91	5.07
18	3.45	3.59	2.93	3.15	3.20	3.11	3.68	4.13	4.62	4.71	4.91	5.10
19	3.45	3.62	2.91	3.18	2.98	3.16	3.69	4.15	4.66	4.70	4.94	5.15
20	3.48	3.58	2.89	3.18	2.94	3.20	3.69	4.16	4.71	4.72	4.97	5.17
21	3.52	3.62	2.91	3.18	3.01	3.25	3.69	4.17	4.74	4.79	4.93	5.14
22	3.56	3.65	3.00	3.22	3.00	3.28	3.71	4.18	4.76	4.84	4.83	5.10
23	3.59	3.51	3.02	3.25	2.99	3.31	3.74	4.21	4.78	4.88	4.81	5.11
24	3.61	3.52	3.05	3.27	3.06	3.36	3.77	4.23	4.83	4.92	4.81	5.18
25	3.63	3.51	3.06	3.27	3.16	3.39	3.80	4.25	4.87	4.99	4.82	5.23
26	3.66	3.51	3.08	3.16	3.19	3.41	3.82	4.26	4.90	5.04	4.82	5.22
27	3.69	3.53	3.12	3.19	3.19	3.43	3.84	4.21	4.95	5.09	4.87	5.27
28	3.70	3.52	3.15	3.20	3.20	3.45	3.86	4.12	4.98	5.12	4.95	5.30
29	3.71	3.57	3.17	3.19	---	3.35	3.76	3.97	5.00	5.15	5.00	5.28
30	3.71	3.58	3.19	3.23	---	3.25	3.79	4.05	5.03	5.19	5.00	5.27
31	3.71	---	3.18	3.27	---	3.23	---	4.09	---	5.23	5.03	---
MEAN	3.34	3.61	3.07	3.11	3.19	3.28	3.57	4.05	4.55	4.98	5.01	5.17
MAX	3.71	3.75	3.71	3.27	3.35	3.45	3.86	4.26	5.03	5.23	5.32	5.30
MIN	2.40	3.51	2.38	2.70	2.94	3.07	3.23	3.83	4.13	4.70	4.81	5.01

CAL YR 1989 MEAN 3.34 HIGH 1.95 LOW 4.11

WTR YR 1990 MEAN 3.91 HIGH 2.38 LOW 5.32



ORANGEBURG COUNTY

332649081072500. Local number, ORG-95.

LOCATION.--Lat 33°26'49'', long 81°07'25'', Hydrologic Unit 03050204, 40 ft east on First Street (SC-38-628) and 70 ft north of Saxton Street (SC-38-213) in Norway.

Owner: Town of Norway.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 250 ft, screened intervals 173-193, 200-220, 228-238 ft, gravel finish.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.

REMARKS.--Test hole Electric and Gamma logged Feb. 20, 1973 to a depth of 300 ft. Gamma logged Apr. 6, 1979 to a depth of 220 ft. Electric logged Apr. 6, 1979, depth 220 ft. Caliper logged Apr. 6, 1979, depth 220 ft. Gamma logged in 1981 to a depth of 204 ft. Water-level affected by nearby pumpage.

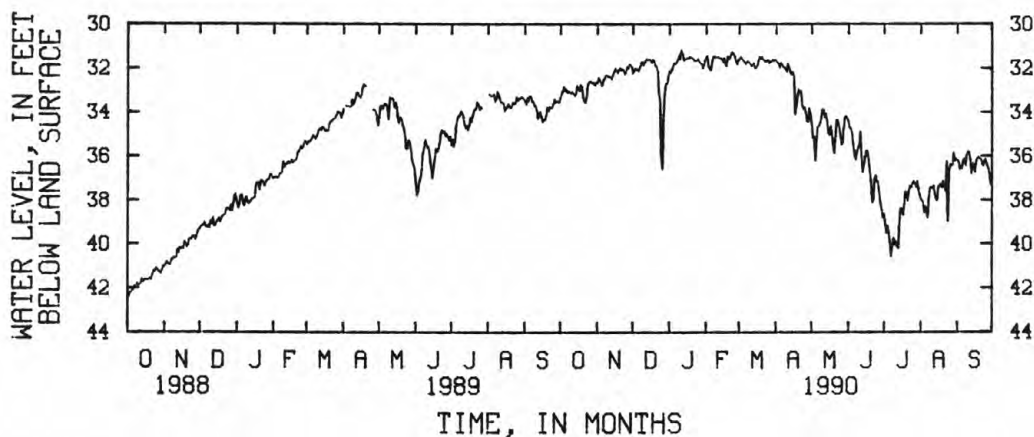
PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 30.18 ft below land-surface datum, May 9, 1984; lowest, 43.84 ft below land-surface datum, Sept. 19, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.34	32.66	32.23	32.15	31.52	31.61	31.66	34.58	34.42	38.68	37.97	36.19
2	33.11	32.44	32.11	32.20	31.44	31.52	31.74	35.16	34.72	39.18	38.06	36.28
3	33.02	32.52	32.02	32.08	31.95	31.57	31.80	35.15	34.77	39.50	38.09	36.60
4	32.85	32.67	32.08	31.91	32.07	31.63	31.98	36.23	35.05	39.23	38.58	36.49
5	33.02	32.80	32.04	31.78	32.10	31.70	31.80	35.24	35.50	39.51	38.34	36.60
6	32.97	32.56	32.13	31.79	31.66	31.82	31.85	34.69	35.98	39.93	38.45	36.22
7	33.10	32.45	31.94	31.72	31.51	31.77	31.94	34.62	36.18	40.61	38.82	36.16
8	33.06	32.35	31.77	31.61	31.46	31.70	31.98	34.50	35.82	40.10	37.86	36.43
9	33.08	32.34	31.70	31.42	31.53	31.73	32.06	34.24	35.64	39.76	37.46	35.97
10	33.15	32.37	31.84	31.57	31.51	31.81	32.17	33.92	35.49	40.02	37.43	35.84
11	33.08	32.40	31.74	31.19	31.50	31.92	31.83	33.90	34.91	39.93	37.48	35.85
12	33.16	32.39	31.64	31.36	31.55	31.88	32.01	34.23	36.07	40.14	37.38	36.18
13	33.26	32.50	31.58	31.65	31.56	31.79	32.18	34.08	36.76	40.22	37.71	36.81
14	33.18	32.32	31.61	31.61	31.59	32.00	32.30	34.43	36.43	39.13	37.97	36.38
15	32.80	32.15	31.60	31.60	31.72	32.00	32.20	34.99	36.08	38.42	38.03	36.47
16	32.93	32.01	31.63	31.54	31.56	31.89	32.42	35.05	35.77	38.43	37.41	36.73
17	33.03	32.10	31.74	31.58	31.80	31.66	34.13	34.67	35.81	38.69	37.36	36.22
18	32.77	32.21	31.62	31.50	31.91	31.52	33.77	35.02	36.14	38.24	37.27	36.14
19	32.85	32.10	31.68	31.53	31.49	31.59	33.24	35.61	36.68	37.65	37.44	36.07
20	33.33	31.99	31.89	31.54	31.59	31.51	32.99	35.89	37.16	37.69	37.17	36.13
21	33.52	32.09	31.92	31.60	31.52	31.62	33.11	35.11	38.12	38.03	37.32	36.15
22	33.58	32.03	32.18	31.69	31.36	31.70	33.05	34.37	38.02	37.59	37.60	36.40
23	33.31	32.09	33.19	31.67	31.28	31.68	33.75	34.40	37.05	37.39	36.26	36.48
24	32.73	32.29	33.49	31.68	31.37	31.70	33.87	34.63	36.90	37.43	38.99	36.23
25	32.62	32.22	36.08	31.59	31.48	31.64	33.80	35.02	37.18	37.26	36.78	36.16
26	32.60	31.94	36.61	31.68	31.71	31.78	34.05	35.49	37.17	37.15	36.43	36.42
27	32.62	32.00	34.11	31.79	31.82	31.71	34.42	35.43	37.68	37.27	36.45	36.56
28	32.68	31.86	33.15	31.81	31.65	31.70	34.46	34.67	38.20	37.41	36.42	36.82
29	32.63	31.84	32.72	32.01	---	31.62	33.85	34.22	38.47	37.17	35.88	37.28
30	32.76	31.94	32.68	31.86	---	31.69	34.15	34.21	38.80	37.50	36.22	37.03
31	32.63	---	32.40	31.66	---	31.63	---	34.32	---	37.78	36.17	---
TOTAL	1022.77	967.63	1005.12	982.37	885.21	983.09	984.56	1078.07	1092.97	1197.04	1160.80	1091.29
MEAN	32.99	32.25	32.42	31.69	31.61	31.71	32.82	34.78	36.43	38.61	37.45	36.38
MAX	33.58	32.80	36.61	32.20	32.10	32.00	34.46	36.23	38.80	40.61	38.99	37.28
MIN	32.60	31.84	31.58	31.19	31.28	31.51	31.66	33.90	34.42	37.15	35.88	35.84

WTR YR 1990 TOTAL 12450.92 MEAN 34.11 HIGH 31.19 LOW 40.61



RICHLAND COUNTY

340335080583501. Local number, RIC-40.

LOCATION.--Lat 34°03'33'', long 80°58'37'', Hydrologic Unit 03050110, on Shakespeare Road in Dentsville, north of Columbia, at the Shakespeare Mfg. Company.

Owner: Shakespeare Manufacturing Co.

AQUIFER.--Sands of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 245 ft, cased to 233 ft, screened intervals 98-105, 130-135, 233-245 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 390 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.37 ft above land-surface datum.

REMARKS.--Water-quality data available in District files.

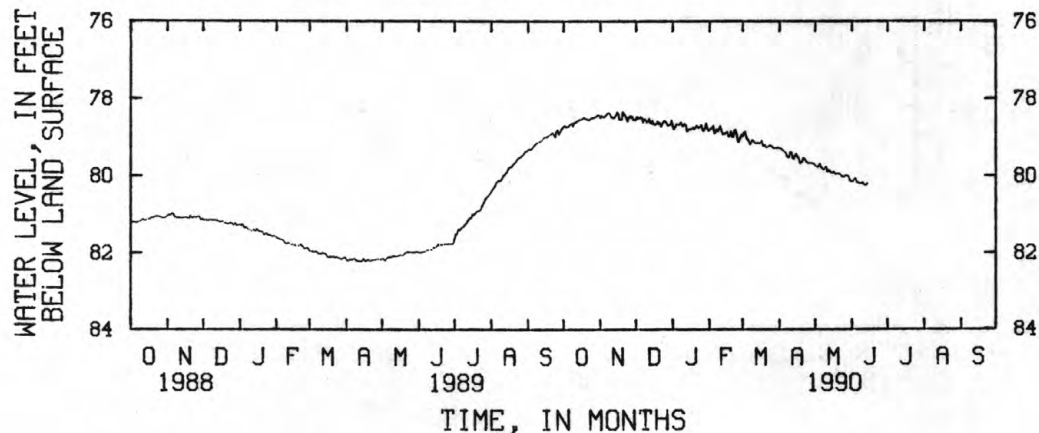
PERIOD OF RECORD.--1949 to 1952, 1957 to 1970 (fragmentary), Dec. 1971 to Sept. 1973 (noon reading only), October 1973 to June 1990 (Discontinued). Published as Shakespeare Mfg. Company, 1949 to 1952, and as RIC-1, 1957 to Sept. 1973.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 69.91 ft below land-surface datum, May 23, 1960; lowest, 95.29 ft below land-surface datum, Apr. 6, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78.72	78.50	78.56	78.72	78.82	78.99	79.31	79.75	80.17	---	---	---
2	78.71	78.45	78.48	78.79	78.78	78.90	79.30	79.78	80.16	---	---	---
3	78.74	78.47	78.52	78.73	78.78	78.87	79.33	79.80	80.10	---	---	---
4	78.73	78.49	78.51	78.67	78.72	79.01	79.35	79.76	80.09	---	---	---
5	78.72	78.48	78.48	78.68	78.90	79.08	79.40	79.71	80.18	---	---	---
6	78.68	78.42	78.52	78.68	78.87	79.11	79.41	79.79	80.19	---	---	---
7	78.65	78.40	78.61	78.67	78.81	79.19	79.49	79.84	80.20	---	---	---
8	78.64	78.37	78.55	78.62	78.86	79.16	79.53	79.85	80.21	---	---	---
9	78.71	78.39	78.54	78.71	78.79	79.10	79.53	79.82	80.21	---	---	---
10	78.63	78.47	78.61	78.71	78.73	79.12	79.42	79.77	80.19	---	---	---
11	78.62	78.50	78.60	78.66	78.83	79.15	79.41	79.90	80.24	---	---	---
12	78.61	78.50	78.53	78.70	78.92	79.17	79.55	79.90	80.27	---	---	---
13	78.58	78.50	78.62	78.85	78.92	79.16	79.58	79.87	80.26	---	---	---
14	78.56	78.45	78.65	78.83	78.92	79.16	79.50	79.92	80.23	---	---	---
15	78.55	78.36	78.58	78.80	78.89	79.17	79.45	79.94	---	---	---	---
16	78.55	78.39	78.67	78.81	78.88	79.15	79.52	79.93	---	---	---	---
17	78.52	78.54	78.68	78.79	78.99	79.11	79.55	79.92	---	---	---	---
18	78.50	78.54	78.67	78.76	78.98	79.23	79.68	79.97	---	---	---	---
19	78.51	78.54	78.60	78.80	78.87	79.21	79.69	79.97	---	---	---	---
20	78.53	78.36	78.66	78.76	79.00	79.24	79.64	79.95	---	---	---	---
21	78.53	78.40	78.63	78.71	79.00	79.28	79.56	79.97	---	---	---	---
22	78.56	78.44	78.73	78.76	78.84	79.26	79.57	79.98	---	---	---	---
23	78.56	78.50	78.67	78.77	78.82	79.24	79.63	80.03	---	---	---	---
24	78.52	78.59	78.62	78.74	78.96	79.23	79.67	80.04	---	---	---	---
25	78.51	78.51	78.58	78.69	79.11	79.24	79.69	80.06	---	---	---	---
26	78.50	78.46	78.60	78.82	79.13	79.27	79.68	80.02	---	---	---	---
27	78.50	78.50	78.66	78.85	79.02	79.30	79.69	80.01	---	---	---	---
28	78.48	78.47	78.70	78.78	78.95	79.29	79.68	80.02	---	---	---	---
29	78.46	78.56	78.70	78.67	---	79.29	79.70	80.04	---	---	---	---
30	78.43	78.55	78.68	78.78	---	79.30	79.71	80.13	---	---	---	---
31	78.44	---	78.58	78.84	---	79.28	---	80.16	---	---	---	---
TOTAL	2435.95	2354.10	2436.79	2441.15	2209.09	2454.26	2386.22	2477.60	---	---	---	---
MEAN	78.58	78.47	78.61	78.75	78.90	79.17	79.54	79.92	---	---	---	---
MAX	78.74	78.59	78.73	78.85	79.13	79.30	79.71	80.16	---	---	---	---
MIN	78.43	78.36	78.48	78.62	78.72	78.87	79.30	79.71	---	---	---	---

CAL YR 1989 TOTAL 29412.63 MEAN 80.58 HIGH 78.36 LOW 82.24



RICHLAND COUNTY

334944080380100. Local number, RIC-63.

LOCATION.--Lat 33°49'44'', long 80°37'59'', Hydrologic Unit 03050110, Hercules Plant, 3,600 ft east of State Highway 601, near Wateree.

Owner: Hercules, Inc.

AQUIFER.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 25 in, depth 597 ft, 20 in casing from LSD to 420 ft, 10 in casing from 370 to 547 ft, screened intervals 417-420, 425-445, 456-476, 478-498, 500-520, 522-542 ft, open hole from 547 to 597.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 150 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum.

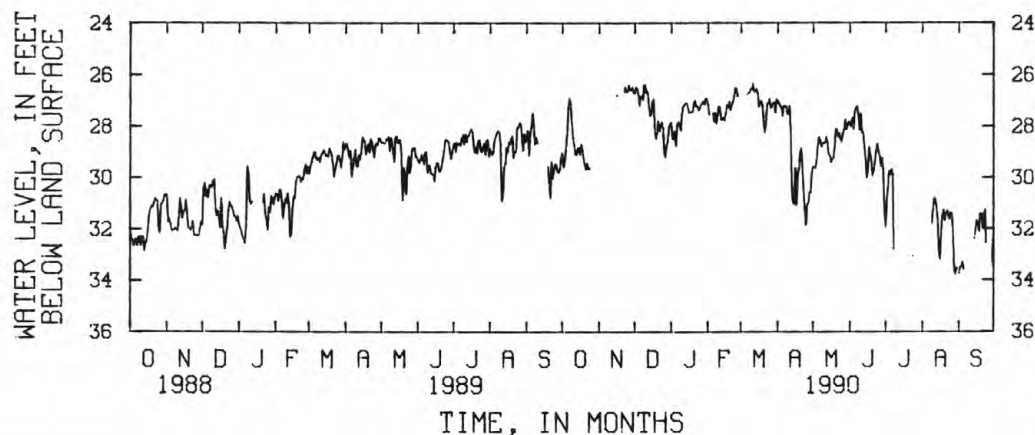
REMARKS.--Water-quality analysis on file in District office. Caliper logged July 23, 1980, depth 546 ft. Gamma logged July 23, 1980, depth 371 ft. Water-level affected by nearby irrigational pumpage.

PERIOD OF RECORD.--February 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 20.32 ft below land-surface datum, Apr. 15, 1983; lowest, 36.84 ft below land-surface datum, May 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.07	---	26.73	27.86	27.16	---	27.00	29.60	27.91	31.94	---	33.78
2	29.63	---	26.49	28.51	27.55	---	27.12	29.63	28.01	30.86	---	33.52
3	29.47	---	26.51	28.51	---	---	27.21	29.65	27.72	30.39	---	33.52
4	28.94	---	26.80	28.21	---	---	27.29	29.30	28.12	29.78	---	33.34
5	28.36	---	27.22	28.79	27.50	---	27.62	28.73	27.43	29.90	---	33.58
6	27.29	---	26.85	27.91	27.82	26.76	27.24	28.44	27.29	29.71	---	---
7	26.93	---	26.81	27.84	27.49	26.68	27.20	28.54	27.22	29.92	---	---
8	27.12	---	26.96	27.95	27.90	26.70	27.25	28.81	27.63	32.81	---	---
9	27.91	---	26.40	28.16	27.60	26.55	27.54	28.68	28.17	---	31.94	---
10	28.50	---	26.38	27.55	27.23	26.58	27.53	28.69	27.53	---	31.29	---
11	28.75	---	26.69	27.24	27.27	26.35	27.22	28.65	28.28	---	30.86	---
12	29.10	---	26.67	27.15	27.75	26.65	28.29	28.45	28.24	---	30.84	---
13	29.15	---	27.27	27.11	27.76	26.63	30.49	28.65	28.71	---	31.20	---
14	28.91	---	27.61	27.09	27.68	26.55	31.02	29.08	29.30	---	31.64	32.40
15	28.85	---	27.55	27.28	27.79	26.72	31.07	29.16	30.05	---	33.06	32.06
16	29.12	26.79	27.05	27.47	27.50	27.27	29.65	29.43	29.83	---	33.22	31.70
17	28.74	---	26.94	27.48	27.18	27.06	31.13	29.32	28.83	---	32.25	31.83
18	28.96	---	28.11	27.46	27.27	27.00	29.92	29.27	29.06	---	31.52	32.12
19	29.29	---	28.49	27.46	27.04	27.24	29.65	28.80	29.40	---	31.30	31.43
20	29.58	---	28.32	27.08	27.38	27.93	29.03	28.10	29.97	---	31.68	31.46
21	29.72	---	27.81	26.99	27.21	28.26	28.89	28.14	29.74	---	31.42	31.98
22	29.47	26.80	28.20	27.23	27.02	27.89	29.61	28.42	29.42	---	31.33	31.44
23	29.67	26.48	27.95	27.22	26.79	27.15	30.54	28.29	28.95	---	31.50	31.28
24	29.69	26.63	27.85	27.38	26.50	27.08	31.35	28.51	28.70	33.09	31.64	32.56
25	---	26.65	28.08	27.32	26.52	26.94	31.90	28.60	29.00	---	31.41	---
26	---	26.41	29.10	27.17	26.81	27.28	31.07	28.30	29.20	---	31.44	---
27	---	26.57	29.23	27.11	---	27.27	31.02	28.13	29.58	---	32.14	---
28	---	26.58	28.78	27.02	---	27.10	30.60	27.76	29.28	---	33.65	---
29	---	26.48	28.61	27.15	---	27.10	30.59	28.12	29.72	---	33.81	33.32
30	---	26.69	28.01	26.93	---	27.49	29.80	27.95	31.22	---	33.57	32.43
31	---	---	27.89	26.93	---	26.95	---	27.84	---	---	---	---
TOTAL	---	---	853.36	852.56	---	---	875.84	889.04	863.51	---	---	---
MEAN	---	---	27.53	27.50	---	---	29.19	28.68	28.78	---	---	---
MAX	---	---	29.23	28.79	---	---	31.90	29.65	31.22	---	---	---
MIN	---	---	26.38	26.93	---	---	27.00	27.76	27.22	---	---	---



GROUND-WATER LEVELS

RICHLAND COUNTY

340540081021508. Local number, RIC-309.

LOCATION.--Lat 34°05'40'', long 81°02'15'', Hydrologic Unit 03050106, north of Columbia off State Road 423 at Lincolnshire subdivision.

Owner: Heater Utilities.

AQUIFER.--Paleozoic Erathem

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 90 ft, open hole from 90 to 300 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 260 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft above land-surface datum.

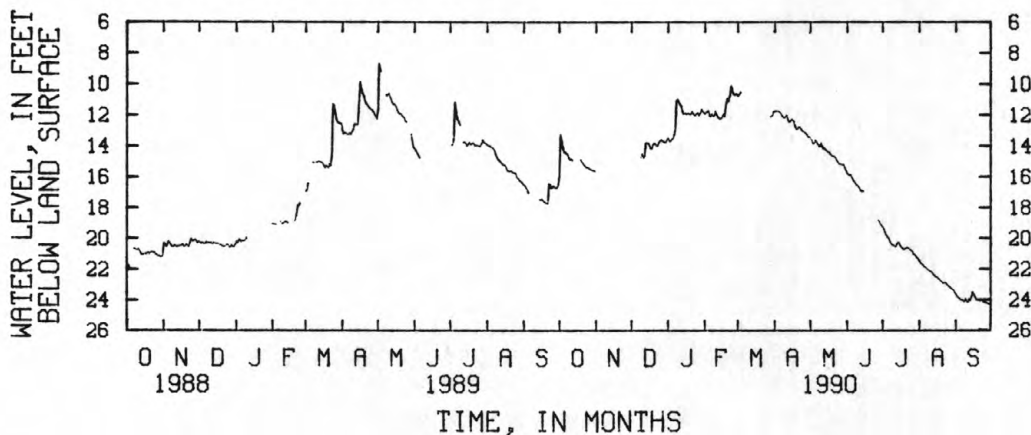
REMARKS.--Water-level affected by nearby pumping.

PERIOD OF RECORD.--September 1971 to June 1975, September 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level recorded 4.11 ft below land-surface datum, Mar. 1, 1987; lowest, 44.83 ft below land-surface datum, Dec. 30, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.96	---	---	13.50	11.92	10.74	11.78	13.54	15.80	19.31	21.52	23.67
2	13.29	---	---	13.68	11.81	10.71	11.77	13.66	15.89	19.47	21.64	23.83
3	13.72	---	---	13.67	11.82	10.54	11.74	13.84	15.90	19.67	21.72	23.88
4	14.18	---	---	13.57	11.73	---	11.76	13.87	15.90	19.83	21.79	23.98
5	14.39	---	---	13.52	12.01	---	11.83	13.69	16.10	19.95	21.87	24.03
6	14.45	---	---	13.29	12.11	---	11.91	13.74	16.26	20.06	21.93	24.05
7	14.51	---	---	12.98	11.98	---	12.06	13.91	16.35	20.22	21.99	24.09
8	14.57	---	---	11.09	12.08	---	12.17	14.04	16.48	20.37	22.09	24.16
9	14.82	---	14.77	11.00	12.02	---	12.19	14.06	16.59	20.46	22.11	24.00
10	14.87	---	14.56	11.20	11.78	---	12.13	13.85	16.63	20.47	22.17	24.13
11	14.89	---	14.76	11.31	11.96	---	12.04	14.08	16.72	20.53	22.22	24.21
12	14.95	---	14.67	11.39	12.13	---	12.33	14.21	16.89	20.61	22.31	24.02
13	---	---	13.79	11.80	12.24	---	12.47	14.19	16.96	20.41	22.40	24.10
14	---	---	13.82	11.92	12.24	---	12.43	14.29	16.97	20.31	22.48	23.83
15	---	---	13.84	11.90	12.21	---	12.31	14.38	16.98	20.32	22.54	23.57
16	---	---	13.97	11.93	12.09	---	12.36	14.44	---	20.51	22.59	23.67
17	---	---	14.15	11.95	11.95	---	12.46	14.45	---	20.62	22.65	23.85
18	---	---	14.15	11.92	12.10	---	12.75	14.58	---	20.71	22.74	24.00
19	14.91	---	13.95	11.96	11.26	---	12.92	14.66	---	20.77	22.81	24.03
20	15.05	---	13.85	11.97	10.94	---	12.92	14.68	---	20.71	22.89	24.06
21	15.15	---	13.85	11.80	11.10	---	12.84	14.72	---	20.69	22.97	24.13
22	15.25	---	13.97	11.91	10.76	---	12.81	14.77	---	20.64	22.93	24.04
23	15.39	---	13.96	12.02	10.17	---	12.94	14.95	---	20.69	22.92	24.04
24	15.42	---	13.81	12.03	10.24	---	13.03	15.05	---	20.78	23.01	24.17
25	15.43	---	13.69	11.94	10.61	---	13.10	15.17	---	20.83	23.11	24.20
26	15.48	---	13.60	11.86	10.69	---	13.15	15.21	---	20.88	23.19	24.20
27	15.54	---	13.69	12.02	10.68	---	13.22	15.22	18.84	21.05	23.24	24.25
28	15.57	---	13.71	11.90	10.64	12.14	13.28	15.26	18.95	21.11	23.30	24.30
29	15.61	---	13.76	11.64	---	12.10	13.43	15.22	19.10	21.19	23.36	24.32
30	15.61	---	13.73	11.71	---	12.09	13.45	15.44	19.21	21.31	23.44	24.33
31	15.64	---	13.58	11.86	---	11.81	---	15.63	---	21.40	23.57	---
TOTAL	---	---	---	376.24	323.27	---	375.58	448.80	---	635.88	699.50	721.14
MEAN	---	---	---	12.14	11.55	---	12.52	14.48	---	20.51	22.56	24.04
MAX	---	---	---	13.68	12.24	---	13.45	15.63	---	21.40	23.57	24.33
MIN	---	---	---	11.00	10.17	---	11.74	13.54	---	19.31	21.52	23.57



SUMTER COUNTY

335602080204800. Local number, SU-9.

LOCATION.--Lat 33°56'02'', long 80°20'48'', Hydrologic Unit 03040205, at Sumter municipal well field, Church Street Plant, City Well No. 1A.

Owner: City of Sumter.

AQUIFER.--Sands of Black Creek and Middendorf Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 216 ft, 8 in from 204 to 625 ft, depth 625 ft, cased to 625 ft, screened intervals 508-528, 550-570, 605-625 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 176 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete pad, 0.42 ft above land-surface datum.

REMARKS.--Original screened interval 415-435 ft cement plugged Jan. 21, 1953. Geophysical logged Sept. 1979 to 364 ft. Water-level affected by pumping of nearby wells. Geophysical logs and water-quality data available in District files.

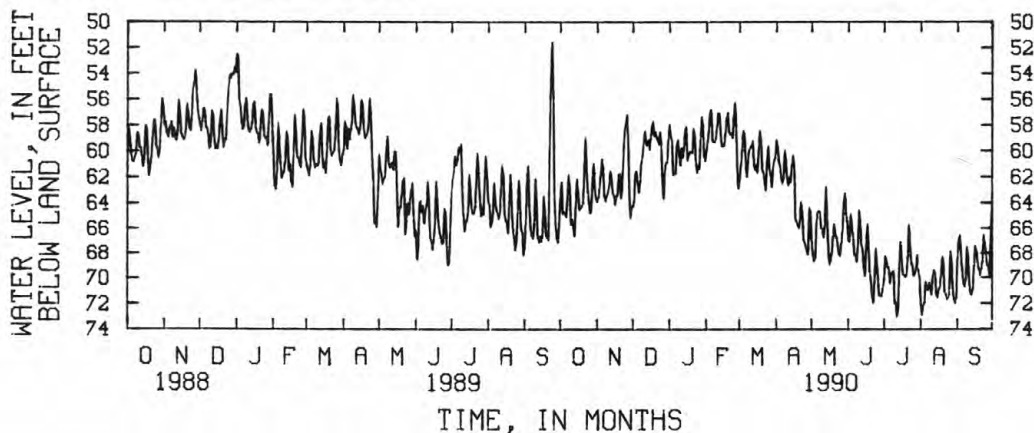
PERIOD OF RECORD.--Monthly values, 1946 to 1969. June 1970 to current year. (October 1970 to September 1981, published as SU-69.)

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 40.57 ft below land-surface datum, Oct. 29, 1971; lowest, 77.81 ft below land-surface datum, June 28, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63.60	63.95	64.28	57.98	60.05	62.15	59.15	67.12	67.05	70.14	72.07	68.45
2	62.43	63.57	63.88	58.97	59.31	61.10	59.71	68.25	67.15	68.29	72.93	66.82
3	64.86	62.90	61.68	59.22	58.54	59.95	60.76	68.70	64.89	68.62	72.25	66.59
4	64.72	61.67	61.56	61.89	56.92	58.43	61.21	68.48	66.02	69.21	71.98	68.14
5	64.90	60.65	62.42	61.68	56.81	58.66	62.21	65.65	66.63	69.25	70.33	69.43
6	65.13	61.34	63.23	61.80	59.14	60.79	62.54	64.78	68.24	70.46	70.69	70.40
7	63.71	63.56	62.38	59.54	59.35	62.02	62.17	64.64	68.22	69.75	70.97	70.70
8	61.88	63.89	60.88	59.19	59.35	60.91	59.98	64.76	68.81	69.64	70.44	70.17
9	62.96	63.52	60.41	60.46	59.03	59.92	60.83	66.02	67.60	69.53	70.84	67.49
10	65.72	63.22	59.51	61.16	58.15	59.76	62.13	66.14	64.61	72.05	71.37	68.51
11	65.33	62.64	58.48	59.80	57.06	59.57	62.69	66.75	65.56	71.98	70.00	70.61
12	65.89	61.58	59.51	60.51	57.15	59.26	62.07	65.86	67.32	73.08	69.45	71.26
13	66.66	61.95	59.59	59.83	58.83	61.22	62.44	62.81	67.84	72.34	69.74	71.39
14	64.03	63.23	59.19	58.38	59.68	61.48	61.18	64.97	69.25	68.97	71.35	70.85
15	62.17	63.53	59.89	58.12	59.56	61.12	60.40	67.66	69.88	67.13	71.59	69.12
16	63.32	64.16	59.15	60.77	59.66	61.70	61.32	68.98	67.39	68.73	70.96	67.44
17	64.57	63.52	58.05	60.33	58.67	59.80	65.38	68.64	65.70	69.82	70.81	67.92
18	64.46	63.41	57.74	60.12	57.48	58.44	65.45	68.06	67.80	69.88	69.89	68.82
19	64.31	61.82	58.85	60.12	57.08	59.27	65.80	66.72	69.54	70.02	68.38	69.35
20	64.02	61.71	58.56	60.15	58.57	61.61	66.05	65.67	70.34	69.88	68.58	69.83
21	61.73	63.69	58.97	58.28	58.75	61.70	65.36	66.57	71.49	68.45	71.15	69.33
22	59.01	62.99	59.24	58.66	58.66	62.49	63.96	66.74	72.02	65.72	71.33	68.78
23	61.34	60.50	59.52	60.73	59.02	63.09	64.82	67.55	70.33	67.32	71.74	66.51
24	63.20	58.36	58.56	61.71	57.33	60.85	66.99	68.16	67.65	69.00	71.63	67.17
25	64.05	57.86	59.48	61.19	56.31	59.68	67.20	68.35	69.02	68.99	71.41	68.11
26	64.81	57.26	62.62	61.39	58.01	61.36	67.61	67.22	70.15	69.89	67.87	69.08
27	64.71	59.46	63.73	59.18	61.61	61.89	68.07	66.34	71.40	69.70	68.45	69.08
28	62.06	63.16	61.65	57.40	62.92	62.82	68.20	63.89	71.45	69.34	70.80	69.94
29	60.98	65.20	60.93	58.11	---	61.36	64.42	63.30	71.51	68.22	71.71	66.54
30	62.82	64.34	60.92	60.48	---	60.77	64.64	64.88	70.89	69.44	72.03	64.50
31	63.72	---	59.14	60.79	---	60.50	---	65.54	---	70.13	71.61	---
MEAN	63.65	62.29	60.45	59.93	58.68	60.76	63.49	66.43	68.52	69.52	70.79	68.74
MAX	66.66	65.20	64.28	61.89	62.92	63.09	68.20	68.98	72.02	73.08	72.93	71.39
MIN	59.01	57.26	57.74	57.40	56.31	58.43	59.15	62.81	64.61	65.72	67.87	64.50

CAL YR 1989 MEAN 61.97 HIGH 51.54 LOW 69.09
WTR YR 1990 MEAN 64.47 HIGH 56.31 LOW 73.08



GROUND-WATER LEVELS

WILLIAMSBURG COUNTY

334410079310200. Local number, WL-76.

LOCATION.--Lat 33°44'10'', long 79°31'02'', Hydrologic Unit 03040205, 15 ft behind Allis-Chalmers store and 86 ft from the water tower in Stuckey.

Owner: Town of Stuckey.

AQUIFER.--Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 257 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.

REMARKS.--1978 water-quality data on file in District office. Caliper and gamma logged Oct. 11, 1978, depth 256 ft. Water-level affected by nearby irrigational pumpage.

PERIOD OF RECORD.--October 1981 to current year.

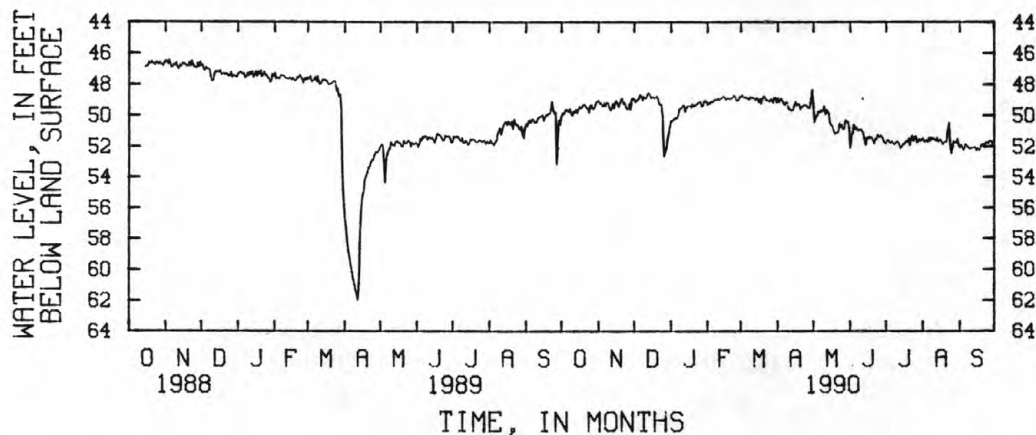
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 34.55 ft below land-surface datum, Jan. 12, 1982; lowest, 61.99 ft below land-surface datum, Apr. 12, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50.09	49.04	48.93	50.37	49.31	48.82	48.91	49.50	52.11	51.83	51.48	52.09
2	49.86	49.23	49.14	50.37	49.17	48.70	49.13	50.46	51.41	51.64	51.66	51.94
3	49.90	49.19	49.04	50.28	49.24	48.80	49.00	50.17	51.14	51.62	51.71	52.08
4	49.72	49.38	49.00	50.21	49.10	48.85	48.93	50.03	50.61	51.77	51.62	52.25
5	49.62	49.40	48.89	50.14	49.15	48.80	49.08	49.79	50.87	51.79	51.73	52.15
6	49.68	49.21	48.68	50.18	49.08	48.88	49.25	49.82	50.81	51.70	51.47	51.90
7	49.78	49.38	48.76	49.99	48.97	48.91	49.33	49.71	50.94	51.82	51.66	52.01
8	49.57	49.20	49.01	49.59	48.97	49.00	49.19	49.73	50.97	51.91	51.47	52.05
9	49.88	49.18	48.81	49.55	48.99	48.83	49.18	49.69	50.96	51.81	51.57	52.13
10	50.01	49.48	48.87	49.48	48.92	48.87	49.59	49.46	50.95	51.70	51.48	52.23
11	49.76	49.66	48.88	49.36	48.99	48.83	49.57	49.94	50.99	51.75	51.59	52.13
12	49.81	49.53	48.70	49.33	48.91	48.91	49.68	49.65	51.16	51.84	51.65	52.12
13	49.64	49.28	48.56	49.75	48.88	49.02	49.66	49.76	51.53	52.11	51.48	52.12
14	49.83	49.54	48.63	49.49	48.78	48.88	49.70	49.93	51.92	52.09	51.68	52.06
15	49.63	49.16	48.86	49.44	48.79	48.90	49.35	50.51	51.49	51.93	51.62	52.27
16	49.47	49.06	48.83	49.41	48.98	49.14	49.13	50.65	51.50	51.88	51.58	52.16
17	49.53	49.26	48.83	49.38	48.94	48.96	49.34	50.72	51.40	51.82	51.73	52.27
18	49.50	49.45	48.85	49.51	48.89	49.23	49.28	51.00	51.46	51.69	51.88	52.24
19	49.35	49.21	48.85	49.29	48.92	48.96	49.30	51.22	51.46	51.72	51.77	51.96
20	49.27	48.96	48.76	49.42	48.95	48.80	49.62	51.15	51.58	51.54	51.72	51.89
21	49.40	48.93	48.90	49.35	48.90	48.79	49.49	51.13	51.83	51.94	51.72	51.89
22	49.52	49.24	49.27	49.36	48.84	48.99	49.46	51.13	51.59	51.51	50.98	52.07
23	49.55	49.18	49.35	49.27	48.70	49.03	49.36	50.54	51.57	51.33	50.49	51.81
24	49.81	49.44	49.32	49.19	48.76	49.05	49.33	50.74	51.29	51.65	51.91	51.75
25	49.39	49.61	50.07	49.15	48.96	49.11	49.35	50.62	51.41	51.44	52.47	51.82
26	49.32	49.57	52.66	49.10	49.06	48.97	49.48	50.89	51.36	51.37	52.01	51.70
27	49.57	49.26	52.36	49.41	49.00	49.00	49.50	50.86	51.32	51.75	51.75	51.66
28	49.56	49.62	52.18	49.37	48.81	49.19	49.54	50.34	51.46	51.71	51.77	51.70
29	49.37	48.95	51.60	49.09	---	48.87	48.96	50.42	51.68	51.57	51.74	51.96
30	49.17	48.91	51.20	49.07	---	48.87	48.39	50.43	51.77	51.66	51.55	51.77
31	49.08	---	50.74	49.09	---	49.16	---	50.80	---	51.56	51.92	---
MEAN	49.60	49.28	49.50	49.55	48.96	48.94	49.30	50.35	51.35	51.72	51.64	52.01
MAX	50.09	49.66	52.66	50.37	49.31	49.23	49.70	51.22	52.11	52.11	52.47	52.27
MIN	49.08	48.91	48.56	49.07	48.70	48.70	48.39	49.46	50.61	51.33	50.49	51.66

CAL YR 1989 MEAN 50.39 HIGH 47.17 LOW 61.99

WTR YR 1990 MEAN 50.19 HIGH 48.39 LOW 52.66



YORK COUNTY

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.--Rock 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.--Digital recorder--60 minute punch.

DATUM.--Land-surface datum is 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 0.75 ft above land-surface datum.

REMARKS.--Water-level affected by stage from Lake Wylie. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1972 to current year.

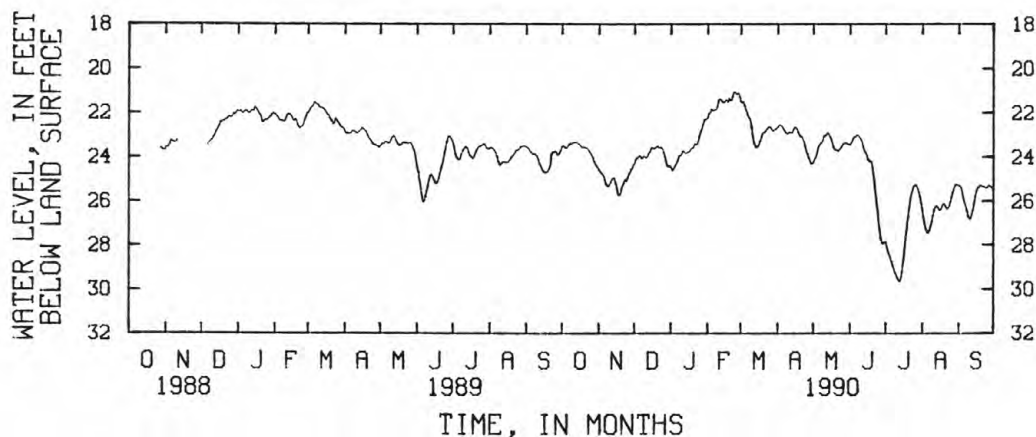
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 18.46 ft below land-surface datum, Apr. 24, 1983; lowest, 29.69 ft below land-surface datum, July 13, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.54	24.62	24.29	24.50	22.21	21.49	22.66	24.26	23.48	27.89	26.43	25.30
2	23.48	24.69	24.14	24.61	22.05	21.55	22.58	24.16	23.38	28.09	26.77	25.32
3	23.55	24.75	24.07	24.60	21.99	21.52	22.58	24.05	23.26	28.32	27.07	25.43
4	23.57	24.82	24.01	24.49	21.85	21.68	22.58	23.87	23.14	28.46	27.31	25.66
5	23.57	24.89	23.95	24.39	21.90	21.86	22.68	23.60	23.12	28.58	27.44	25.92
6	23.50	25.05	23.97	24.26	21.90	22.03	22.76	23.50	23.06	28.76	27.46	26.11
7	23.44	25.24	24.07	24.14	21.87	22.19	22.85	23.42	23.01	28.96	27.36	26.26
8	23.38	25.34	24.03	23.97	21.87	22.26	22.93	23.36	23.02	29.10	27.17	26.49
9	23.41	25.34	23.97	23.94	21.74	22.35	22.97	23.27	23.10	29.28	26.94	26.70
10	23.36	25.29	23.99	23.88	21.48	22.73	22.92	23.07	23.20	29.43	26.69	26.83
11	23.34	25.17	24.03	23.77	21.38	23.11	22.87	23.07	23.33	29.54	26.43	26.82
12	23.33	25.02	23.97	23.75	21.41	23.37	22.91	22.99	23.55	29.63	26.27	26.65
13	23.34	24.98	23.85	23.84	21.48	23.53	22.90	22.90	23.73	29.69	26.23	26.44
14	23.37	24.96	23.77	23.85	21.53	23.57	22.79	22.96	23.82	29.53	26.29	26.12
15	23.40	25.22	23.62	23.80	21.53	23.55	22.67	23.08	23.94	29.18	26.40	25.78
16	23.47	25.39	23.59	23.79	21.44	23.47	22.68	23.21	24.13	28.71	26.43	25.53
17	23.52	25.70	23.62	23.73	21.44	23.31	22.71	23.36	24.22	28.18	26.35	25.42
18	23.58	25.77	23.63	23.64	21.53	23.16	22.89	23.57	24.17	27.65	26.21	25.37
19	23.55	25.72	23.58	23.60	21.37	22.99	23.02	23.68	24.24	27.17	26.12	25.31
20	23.56	25.47	23.55	23.56	21.44	22.91	23.06	23.69	24.52	26.73	26.18	25.30
21	23.59	25.30	23.51	23.42	21.44	22.90	23.09	23.71	24.99	26.28	26.31	25.34
22	23.60	25.18	23.59	23.43	21.24	22.83	23.16	23.76	25.45	25.88	26.35	25.34
23	23.68	25.04	23.58	23.43	21.09	22.74	23.30	23.69	25.92	25.65	26.32	25.37
24	23.75	25.10	23.56	23.29	21.07	22.66	23.51	23.60	26.38	25.45	26.21	25.43
25	23.84	24.99	23.64	23.04	21.14	22.66	23.72	23.53	26.93	25.32	26.03	25.41
26	23.92	24.82	23.82	22.86	21.15	22.68	23.90	23.42	27.40	25.28	25.81	25.33
27	24.04	24.72	24.02	22.74	21.11	22.77	24.04	23.40	27.74	25.28	25.60	25.30
28	24.22	24.58	24.26	22.56	21.29	22.84	24.18	23.37	27.93	25.43	25.45	25.35
29	24.35	24.54	24.41	22.34	---	22.79	24.31	23.39	27.96	25.60	25.30	25.41
30	24.43	24.39	24.45	22.32	---	22.74	24.33	23.43	27.91	25.82	25.26	25.48
31	24.51	---	24.43	22.30	---	22.70	---	23.44	---	26.11	25.27	---
TOTAL	733.19	752.09	740.97	731.84	602.94	702.94	693.55	727.81	740.03	854.98	817.46	772.52
MEAN	23.65	25.07	23.90	23.61	21.53	22.68	23.12	23.48	24.67	27.58	26.37	25.75
MAX	24.51	25.77	24.45	24.61	22.21	23.57	24.33	24.26	27.96	29.69	27.46	26.83
MIN	23.33	24.39	23.51	22.30	21.07	21.49	22.58	22.90	23.01	25.28	25.26	25.30

CAL YR 1989 TOTAL 8579.15 MEAN 23.50 HIGH 21.54 LOW 26.06

WTR YR 1990 TOTAL 8870.32 MEAN 24.30 HIGH 21.07 LOW 29.69



	Page		Page
A-003 at Savannah River Site	332	D-003 at Savannah River Site	344
A-011 at Savannah River Site	333	D-006 at Savannah River Site	341-343
Access to WATSTORE data.	11	Data, accuracy of.	10
Accuracy of field data and computed results.	10	other data available	11
Acres-foot, definition of	4	Dean Swamp Creek near Salley	288
AIW at Briarcliffe Acres at North Myrtle Beach	38-39	Definition of terms.	4
at Grand Strand Airport at North Myrtle Beach.	41-42	Discharge, definition of	5
at Highway 9 at Nixons Crossroads.	43-48	Dissolved, definition of	5
at Highway 544 at Socastee	30-35	Downstream order and station numbers	8
at Myrtlewood Golf Course at Myrtle Beach.	40	Drainage area, definition of	5
at Vereens Marina at North Myrtle Beach.	36-37	Drainage basin, definition of.	5
Augusta Canal at Augusta, Ga	323-324	Edisto River basin, crest-stage partial record	
Aquifer, definition of	4	stations in	411
Artesian, definition of.	4	surface water records in	288
		Edisto River near Branchville.	291
Back River at DuPont Intake near Kittridge	257-263	near Givhans	292-294
Bacteria, definition of.	4	Enoree River at Whitmire	136-143
Beaverdam Creek at 400-D at Savannah River Site	345-347	Fairforest Creek below Spartanburg	127
at mouth at Savannah River Site	348-349	Fecal coliform bacteria, definition of	4
Bed material, definition of.	4	Fecal streptococcal bacteria, definition of.	4
Big Beaver Creek near St. Matthews	198	Fork Creek at Jefferson.	76
Biochemical oxygen demand, definition of	4	Four Mile Creek at Road A-12.2 at Savannah River	
Biomass, definition of	4	Site	368
Black Creek near Hartsville.	71	at mouth near Jackson.	350-351
near McBee	70	Gage height, definition of	5
Black River at Kingstree	95-97	Gaging station, definition of.	5
near Gable	94	Gills Creek at Columbia.	195
Bottom material, definition of	4	Ground Water Records	413
Broad River at Alston.	162	H-008 at Savannah River Site	354
near Carlisle.	119-126	Hanging Rock Creek near Kershaw.	77
at Diversion Canal (Forebay)	167	Hardness, definition of.	5
at Diversion Dam	166	Hartwell Lake near Hartwell, Ga.	304
near Gaffney	110	Hartwell Lake near Hartwell, GA (Tailrace)	305-306
near Jenkinsville.	153-161	Hellers Creek near Pomaria	144
Broad River Basin, surface water records in.	296	Horn Creek near Colliers	316
Bush River near Prosperity	180	Howard Creek near Jocassee	298
		HP-52 Outfall at Savannah River Site	353
C-001 at Savannah River Site	361	Hydrologic bench-mark station, definition of	9
C-003 at Savannah River Site	364	Hydrologic conditions, summary of.	2
C-004 at Savannah River Site	365-366	graph of	3
Catawba River near Catawba	99	Hydrologic unit, definition of	5
near Rock Hill	98	Indian Grave Branch at Savannah River Site	372
Catfish Canal at Sellers	75	Introduction	1
Cedar Creek near Blythewood.	164	K-011 at Savannah River Site	369-371
Cells/volume, definition of.	5	L-007 Outfall at Savannah River Site	379-381
CFS-day, definition of	5	L-Lake above Dam at Savannah River Site	382-384
Chattooga River near Clayton, Ga	297	Lake Keowee near Six Mile	300
Chemical oxygen demand, definition of.	5	Lake Greenwood near Chappells (Pond)	174
Chlorophyll, definition of	5	Lake Greenwood near Chappells (Tailrace)	175-176
Clark Fork Creek near Smyrna	111	Lake Marion near Pineville	217
Collection and computation of surface-water data	9	Lake Moultrie near Pinopolis	240
Collection and examination of water-quality data	11	Lake Moultrie Tailrace near Pinopolis.	241-242
Collection and reporting of ground-water data.	12	Lake Moultrie Tailrace Canal at Moncks Corner.	243
Color unit, definition of.	5	Lake Murray near Columbia (Pond)	181
Combahee River basin, crest-stage partial record		Lake Murray near Columbia (Tailrace)	182-183
stations in	411	Lakes and reservoirs in Pee Dee River basin and	
surface water records in	295	Santee River basin	408
Coneross Creek near Seneca	303	Lawsons Fork Creek at Treatment Plant	117
Congaree River at Columbia	194	Land surface datum, definition of.	12
Congaree River near Fort Motte	197-215	Lawsons Fork Creek at Dewey Site near Inman	116
Contents, definition of.	5	Little Horse Creek near Graniteville.	325
Control, definition of	5	Little Pee Dee River at Galivants Ferry.	81
Control structure, definition of	5	Little River basin, Surface Water records in	30
Cooperation.	1	Little River near Mount Carmel	311
Cooper River at Customs House at Charleston	286-287	Little River near Silverstreet	179
at Customs House at Charleston (Auxiliary)	282-285	Little River near Walhalla	299
at Mobay at North Charleston	273-281	Lower Three Runs below Par Pond at Savannah River	
near Goose Creek	264-272	Site	397-399
		near Snelling	400
Cooper River Basin, surface water records in	240	Lynches River at Effingham	78-80
Coosawhatchie River near Hampton	296	Map showing location of crest-stage stations	18
		Map showing location of ground-water wells	19
Crest-Stage Partial-Record Stations.	409-412	Map showing location of stage-only stations	16
Cubic foot per second, definition of	5	Map showing location of streamflow stations,	15
Cubic feet per second per square mile,	5	Map showing water-quality stations	17
definition of.	5	Measuring point, definition of	12
		Methylene blue active substance, definition of	5
		Micrograms per gram, definition of	5

Page	Page
Micrograms per liter, definition of	5
Middle Saluda River near Cleveland	168
Milligrams per liter, definition of	5
Minim Creek at AIW near North Santee	232-235
Monticello Reservoir near Jenkinsville	145-151
National Geodetic Vertical Datum of 1929 (NGVD).	6
National stream-quality accounting network (NASQAN), definition of	9
Neals Creek near Carlisle	118
Ninety-six Creek near Ninety-six	177
North Fork Edisto River at Orangeburg	290
North Pacolet River at Fingerville	112
North Santee River near North Santee	230-231
Notice	4
Numbering system for wells and miscellaneous sites	8
Organism, definition of	6
Organism count/area, definition of	6
Organism count/volume, definition of	6
P-007 at Savannah River Site	387
P-013 at Savannah River Site	375-377
P-019 at Savannah River Site	392-394
Pacolet River near Fingerville	115
Parr Shoals Reservoir at Parr	152
Partial record station, definition of	6
Particle size, definition of	6
Particle size classification, definition of	6
Pee Dee River at Peedee	72-74
Pee Dee River at Highway 701	82-88
Pee Dee River at Arundel Plantation nr Jackson	89-90
Pee Dee River basin, crest-stage partial record stations in	409
surface water records in	69
Pen Branch at Road A-13.2 at Savannah River Site	374
at Road B at Savannah River Site	373
Pesticides, definition of	6
Picocurie, definition of	6
Plankton, definition of	6
Preface	iii
Publications	13-14
Radiochemical program, definition of	9
Recoverable from bottom material, definition of	8
Rediversion Canal at Santee River	222
Reedy River near Ware Shoals	172
Reedy River near Greenville	171
Reservoirs and lakes in Pee Dee River basin and Santee River basin	408
Revised records	11
Richard B. Russell Lake near Calhoun Falls	310
Rocky Creek at Great Falls	100
Rocky River near Starr	308-309
Runoff in inches, definition of	6
Salkehatchie River near Miley	295
Saluda River at Chappells	178
below Lake Murray near Columbia	184-188
near Columbia	189-193
near Greenville	169
near Ware Shoals	170
Santee River at Trezesvants Landing	216
below St. Stephens	223-224
near Honey Hill	228-229
near Jamestown	226-227
near Pineville	218-219
near Russellville	220-221
Santee River basin, crest-stage partial-record stations in	409
surface water records in	98
Savannah River at Augusta, Ga.	326-328
at Burtons Ferry Bridge near Millhaven, Ga	401
at Stevens Creek Dam near Morgana	317-318
above Hardeeville	406-407
below Hartwell Lake near Hartwell, Ga.	307
below Steel Creek near Millett	395-396
below Stevens Creek Dam near Morgana	319-320
near Clio, Ga.	402-405
near Jackson	337-339
near North Augusta	321-322
Savannah River basin, crest-stage partial record stations in	409
surface water records in	297
Scape Ore Swamp near Bishopville	91-93
Sediment, definition of	6, 12
Site No. 1 at Savannah River Site	352
Site No. 2 at Savannah River Site	355
Site No. 3 at Savannah River Site	356
Site No. 4 at Savannah River Site	357
Site No. 5 at Savannah River Site	358
Site No. 5B at Savannah River Site	359
Site No. 6 at Savannah River Site	360
Site No. 7 at Savannah River Site	363
Smith Branch at North Main Street at Columbia	165
Solute, definition of	7
South Fork Edisto River near Denmark	289
South Pacolet River near Campobello	113-114
South Rabon Creek near Gray Court	173
South Santee R. at State Pier nr McClellanville	236-239
Special networks and programs	9
Specific conductance, definition of	7
Stage-discharge relation, definition of	7
Station numbers	8
Steel Creek at Road A at Savannah River Site	388
above Road B at Savannah River Site	378
below L-Lake Dam	385-386
near Snelling	389-391
Stevens Creek near Modoc	315
Streamflow, definition of	7
Substrate, definition of	7
Surface area, definition of	7
Surface Water Records	21
Suspended, recoverable, definition of	7
Suspended, total, definition of	7
Temperature, water	12
Thurmond Lake near Clarks Hill	312
Thurmond Lake near Clarks Hill (Tailrace)	313-314
Tims Branch at Road C at Savannah River Site	334
Tons per acre-foot, definition of	7
Tons per day, definition of	7
Total coliform bacteria	4
Total, definition of	7
Total in bottom material, definition of	8
Total load, definition of	7
Total, recoverable, definition of	7
Tributary to Four Mile Creek below Twin Lakes at Savannah River Site	362
Twelve Mile Creek near Liberty	301-302
Tyger River near Delta	128-135
Upper Three Runs above Road C at Savannah River Site	335
at Road A at Savannah River Site	336
near New Ellenton	329-331
Waccamaw River basin, surface water records in	22
Waccamaw River at Bucksport	49-54
near Longs	22
at Hagley Landing	55-60
at Highway 17	61-68
at Highway 501 near Conway	23
at Peachtree Landing near Bucksville	24-29
Water year, definition of	8
Wateree River below Eastover	102-109
near Camden	101
Wedboo Creek near Jamestown	225
Wells, description of	8
Numbers of	8
Water-level measurements in wells	413-495
West Branch Cooper River at Mepkin Abbey	244-247
West Branch Cooper River at Pimlico near Moncks Corner	248-256
West Fork Little River near Salem Crossroads	163
Whites Creek near Wallace	69
WRD, definition of	8
WSP, definition of	8
X-004 at Savannah River Site	340

