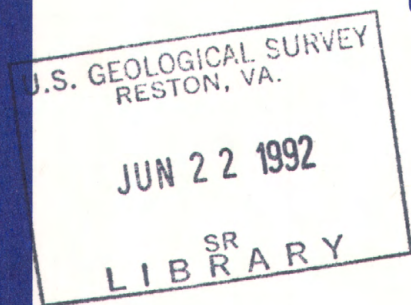


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1991



Water Resources Data South Carolina Water Year 1991



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-91-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

CALENDAR FOR WATER YEAR 1991

1990

OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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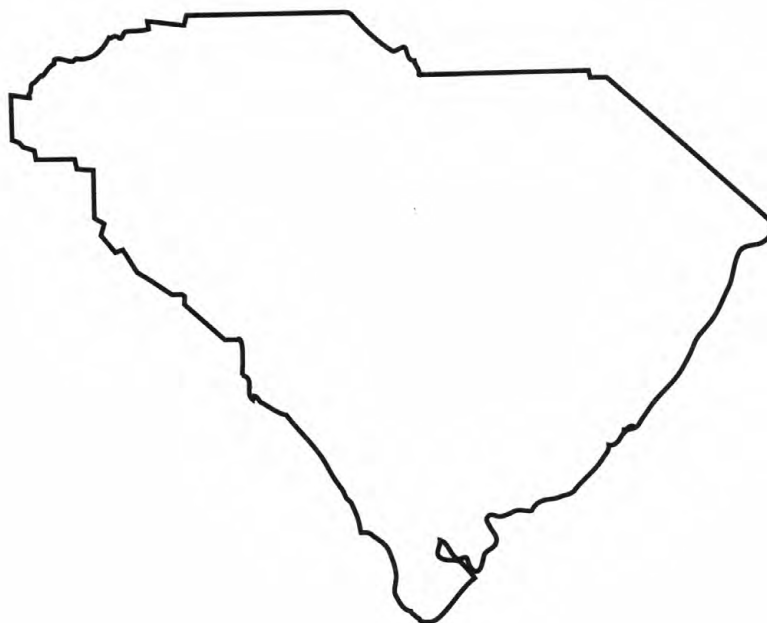
1991

JANUARY							FEBRUARY							MARCH						
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27	28	29	30	31			24	25	26	27	28			24	25	26	27	28	29	30
														31						
APRIL							MAY							JUNE						
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JULY							AUGUST							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3	1	2	3	4	5	6	7
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14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31				25	26	27	28	29	30	31	29	30					



Water Resources Data South Carolina Water Year 1991

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



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-91-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

U. S. DEPARTMENT OF THE INTERIOR

MANUEL LUJAN, JR., Secretary

U. S. GEOLOGICAL SURVEY

Dallas L. Peck, Director

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

PREFACE

iii

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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Jan Marie Bullock typed, edited, and assembled the report with assistance from Margni I. Shealy and Natalie S. Rice.

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.

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16. Abstract (Limit: 200 words) Water Resources data for the 1991 water year for South Carolina consists of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and levels of ground-water wells. This volume contains records for water discharge at 124 gaging stations, stage only at 24 gaging stations, stage and contents at 13 lakes and reservoirs, water-quality at 44 gaging stations and at one observation well, and water levels at 59 observation wells. Also included are data for 80 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, Discharge, Gaging Stations, Lakes, Reservoirs, Chemical Analyses, Sediments, Water Temperatures, Sampling Sites, Water Levels, Water Analyses. b. Identifiers/Open-Ended Terms c. COSATI Field/Group			
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CONTENTS

	Page
Preface	iii
List of surface-water stations, in downstream order, for which records are published in this volume	vi
List of ground-water wells, by county, for which records are published in this volume	ix
List of discontinued surface-water discharge or stage-only stations	x
List of discontinued surface-water-quality stations	xii
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
Data Presentation	10
Accuracy of field data and computed results	13
Revised records	13
Other data available	13
Explanation of water-quality records	14
Collection and examination of data	14
Revisions	14
Water analysis	14
Water temperature	14
Sediment	14
Explanation of ground-water level records	15
Collection of the data	15
Data Presentation	15
Access to WATSTORE data	16
Publications on techniques of water-resources investigations	17
Surface-water records	25
Discharge at partial-record stations	388
Crest-stage partial-record stations	388
Ground-water records	399
Index	464

ILLUSTRATIONS

Figure 1. Comparison of discharge at two long-term representative gaging stations during 1991 water year with median discharges	3
2. System for numbering wells and miscellaneous sites	8
3. Map showing location of streamflow gaging stations	20
4. Map showing location of stage only stations	21
5. Map showing location of water-quality stations	22
6. Map showing location of crest-stage stations	23
7. Map showing location of ground-water wells	24

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

NOTE.--Data for partial-record stations and miscellaneous sites for both surface-water discharge and quality are published in separate sections of the data report. See references at the end of this list for page numbers for these sections.

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

	Station number	page
<u>SOUTH ATLANTIC SLOPE BASINS</u>		
<u>WACCAMAW RIVER BASIN</u>		
Waccamaw River near Longs (d)	.02110500	26
Waccamaw River at Conway Marina at Conway (c)	.02110704	27
Waccamaw River at Peachtree Landing near Bucksville (c)	.02110715	29
<u>LITTLE RIVER BASIN</u>		
AIW at Highway 544 at Socastee (c)	.02110725	35
AIW at Vereen's Marina at North Myrtle Beach (c)	.02110730	41
AIW at Briarcliffe Acres at North Myrtle Beach (c)	.02110755	42
AIW at Grand Strand Airport at North Myrtle Beach (c)	.02110770	44
AIW at Highway 9 at Nixons Crossroads (c)	.02110777	46
<u>WACCAMAW RIVER BASIN</u>		
Waccamaw River at Bucksport (c)	.02110802	52
Waccamaw River at Hagley Landing near Pawleys Island (c)	.02110815	58
<u>PEE DEE RIVER BASIN</u>		
Pee Dee River:		
Whites Creek near Wallace (d)	.02129590	64
Pee Dee River near Bennettsville (d)	.02130561	65
Black Creek (head of Black Creek) near McBee (d)	.02130900	66
Black Creek near Hartsville (d)	.02130910	67
Pee Dee River at Peedee (dc)	.02131000	68
Catfish Canal at Sellers (d)	.02131150	71
Lynches River:		
Fork Creek at Jefferson (d)	.02131309	72
Little Fork Creek at Jefferson (d)	.02131320	73
Hanging Rock Creek near Kershaw (d)	.02131472	74
Lynches River at Effingham (dc)	.02132000	75
Little Pee Dee River at Galivants Ferry (d)	.02135000	78
Pee Dee River at Highway 701 near Bucksport (dc)	.02135200	79
Black River:		
Scape Ore Swamp near Bishopville (dc)	.02135300	85
Black River near Gable (d)	.02135500	88
Black River at Kingstree (dc)	.02136000	89
Santee River Basin:		
Crowders Creek near Clover (d)	.02145642	92
Catawba River (head of Santee River) near Rock Hill (d)	.02146000	93
Steele Creek near Fort Mill (d)	.021467801	94
Catawba River near Catawba (d)	.02147000	95
Rocky Creek at Great Falls (d)	.02147500	96
Wateree River (continuation of Catawba River) near Camden (d)	.02148000	97
Wateree River below Eastover (dc)	.02148315	98
Broad River:		
Clark Fork Creek near Smyrna (d)	.02153780	106
North Pacolet River at Fingerville (d)	.02154500	107
South Pacolet River near Campabello (d)	.02154790	108
Pacolet River near Fingerville (d)	.02155500	109
Lawsons Fork Creek at Dewey Plant near Inman (d)	.02156050	110
Lawsons Fork Creek at Treatment Plant at Spartanburg (d)	.02156301	111
Neals Creek near Carlisle (d)	.02156450	112
Broad River near Carlisle (dc)	.02156500	113
Fairforest Creek below Spartanburg (d)	.02159810	121
Tyger River near Delta (dc)	.02160105	122
Enoree River at Whitmire (dc)	.02160700	130
Hellers Creek near Pomaria (d)	.02160775	138
Monticello Reservoir near Jenkinsville (c)	.02160900	139
Parr Shoals Reservoir at Parr (e)	.02160990	146
Broad River near Jenkinsville (ec)	.02160991	147
Broad River at Alston (d)	.02161000	156
West Fork Little River near Salem Crossroads (d)	.02161700	157
Cedar Creek near Blythewood (d)	.02162010	158
Smith Branch at North Main Street at Columbia (d)	.02162093	159
Broad River at Diversion Dam at Columbia (g)	.02162100	160
Broad River Diversion Canal (Forebay) at Columbia (g)	.02162110	161
Saluda River:		
Middle Saluda River near Cleveland (d)	.02162350	162
Saluda River near Greenville (d)	.02162500	163
Saluda River near Ware Shoals (d)	.02163500	164
Reedy River near Greenville (d)	.02164000	165
Reedy River near Ware Shoals (d)	.02165000	166
South Rabon Creek near Gray Court (d)	.02165200	167

GAGING STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME--Continued

	Station number	Page
SOUTH ATLANTIC SLOPE BASINS--Continued		
SANTEE RIVER BASIN		
Lake Greenwood near Chappells (e)	.02166500	168
Lake Greenwood Tailrace near Chappells (g)	.02166501	169
Ninety-six Creek near Ninety-six (d)	.02166970	171
Saluda River at Chappells (d)	.02167000	172
Little River near Silverstreet (d)	.02167450	173
Bush River near Prosperity (d)	.021675820	174
Lake Murray near Columbia (g)	.02168500	175
Lake Murray Tailrace near Columbia (g)	.02168501	176
Saluda River Below Lake Murray Dam near Columbia (dc)	.02168504	178
Saluda River near Columbia (dc)	.02169000	183
Congaree River (continuation of Broad River) at Columbia (dt)	.02169500	188
Gills Creek at Columbia (d)	.02169570	189
Big Beaver Creek near St. Matthews (d)	.02169630	190
Santee River:		
Congaree River near Fort Motte (c)	.02169750	191
Santee River at Trezesvants Landing near Fort Motte (g)	.02169810	196
Lake Marion near Pineville (e)	.02171000	197
Santee River near Pineville (d)	.02171500	198
Santee River near Russellville (d)	.02171560	199
Rediversion Canal at Santee River near St. Stephens (d)	.02171645	200
Santee River below St. Stephens (c)	.02171650	201
Wedboo Creek near Jamestown (d)	.02171680	203
Santee River near Jamestown (d)	.02171700	204
Santee River near Honey Hill (g)	.02171730	205
North Santee River near North Santee (g)	.02171800	207
Minim Creek at AIW near North Santee (gc)	.02171820	209
South Santee River at State Pier near McClellanville (gc)	.02171905	213
COOPER RIVER BASIN		
Cooper River:		
West Branch Cooper River:		
Lake Moultrie near Pinopolis (e)	.02172000	217
Lake Moultrie Tailrace near Pinopolis (g)	.02172001	218
Lake Moultrie Tailrace Canal at Moncks Corner (d)	.02172002	220
West Branch Cooper River at Mepkin Abbey near Cordesville (gc)	.02172019	221
West Branch Cooper River at Pimlico near Moncks Corner (gc)	.02172020	225
Back River at DuPont Intake near Kittredge (c)	.02172040	234
Cooper River near Goose Creek (gc)	.02172050	241
Cooper River at Mobay near North Charleston (gc)	.02172053	250
Cooper River at Customs House (Aux) at Charleston (c)	.021720710	259
Cooper River at Customs House at Charleston (g)	.021720711	263
EDISTO RIVER BASIN		
Edisto River:		
Dean Swamp Creek near Salley (d)	.02172640	265
South Fork Edisto River near Denmark (d)	.02173000	266
North Fork Edisto River at Orangeburg (d)	.02173500	267
Edisto River near Branchville (d)	.02174000	268
Edisto River near Givhans (dc)	.02175000	269
COMBAHEE RIVER BASIN		
Salkehatchie River (head of Combahee River) near Miley (d)	.02175500	272
BROAD RIVER BASIN		
Coosawhatchie River (head of Broad River) near Hampton (d)	.02176500	273
SAVANNAH RIVER BASIN		
Chattooga River (head of Savannah River) near Clayton, GA (d)	.02177000	274
Howard Creek near Jocassee (d)	.02184475	275
Tugaloo River (continuation of Chattooga River):		
Toxaway River (head of Seneca River):		
Little River near Walhalla (d)	.02185200	276
Lake Keowee near Six Mile (e)	.02185300	277
Twelve Mile Creek near Liberty (d)	.02186000	278
Coneross Creek near Seneca (d)	.02186645	279
Hartwell Lake near Hartwell, GA (e)	.02187250	280
Hartwell Lake Tailrace near Hartwell, GA (g)	.02187251	281
Savannah River below Hartwell Lake near Hartwell, GA (d)	.02187252	283
Rocky River near Starr (d)	.02187910	284
Richard B. Russell Lake near Calhoun Falls (e)	.02189004	285
Little River near Mount Carmel (d)	.02192500	286
Thurmond Lake near Clarks Hill (e)	.02194500	287
Thurmond Lake Tailrace near Clarks Hill (g)	.02194501	288
Stevens Creek near Modoc (d)	.02196000	290
Horn Creek near Colliers (d)	.02196250	291
Savannah River at Stevens Creek Dam near Morgana (e)	.02196483	292
Savannah River below Stevens Creek Dam near Morgana (e)	.021964831	293
Savannah River near North Augusta (d)	.02196484	294
Augusta Canal at Augusta, Ga (d)	.02196500	295
Little Horse Creek near Graniteville (d)	.02196689	296
Savannah River at New Savannah Bluff Lock & Dam at Augusta, Ga (g)	.02196999	297

GAGING STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME--Continued

	Station number	Page
SOUTH ATLANTIC SLOPE BASINS--Continued		
SAVANNAH RIVER BASIN--Continued		
Savannah River at Augusta, GA (dt)	.02197000	299
Upper Three Runs near New Ellenton (dc)	.02197300	303
A-003 at Savannah River Plant (d)	.021973026	306
A-011 at Savannah River Plant (d)	.021973028	307
Tims Branch at Road C at Savannah River Site (d)	.02197309	308
Upper Three Runs above Road C at Savannah River Site (d)	.02197310	309
Upper Three Runs at Road A at Savannah River Site (d)	.02197315	310
Savannah River near Jackson (dt)	.02197320	311
X-004 at Savannah River Site (d)	.02197321	314
D-006 at Savannah River Site (dt)	.02197323	315
D-003 at Savannah River Site (d)	.02197324	318
Beaverdam Creek at 400-D at Savannah River Site (dt)	.02197326	319
Beaverdam Creek at mouth at Savannah River Site (t)	.021973265	322
Four Mile Creek at mouth near Jackson (t)	.02197328	324
Site 1 at Savannah River Site (d)	.02197330	326
HP-52 Outfall at Savannah River Site (d)	.021973305	327
H-008 at Savannah River Site (d)	.02197331	328
Site 3 at Savannah River Site (d)	.02197334	329
Site 4 at Savannah River Site (d)	.02197336	330
Site 5 at Savannah River Site (d)	.02197338	331
Site 5B at Savannah River Site (d)	.02197339	332
Site 6 at Savannah River Site (d)	.02197340	333
C-001 at Savannah River Site (d)	.021973405	334
Tributary to Four Mile Creek below Twin Lakes at Savannah River Site (d)	.02197341	335
Site 7 at Savannah River Site (d)	.02197342	336
C-003 at Savannah River Site (d)	.021973424	337
C-004 at Savannah River Site (dt)	.021973426	338
Four Mile Creek at Road A-12.2 at Savannah River Site (d)	.02197344	341
K-011 at Savannah River Site (dt)	.02197345	342
Indian Grave Branch at Savannah River Site (dt)	.021973455	345
Pen Branch at Road B (d)	.021973471	348
Pen Branch at Road A-13.2 at Savannah River Site (d)	.02197348	349
P-013 at Savannah River Site (dt)	.02197351	350
Steel Creek above Road B at Savannah River Site (d)	.021973515	353
L-007 Outfall at Savannah River Site (dt)	.021973525	354
L-Lake above Dam at Savannah River Site (gt)	.02197353	357
Steel Creek below L-Lake Dam (dt)	.021973537	360
P-007 at Savannah River Site (d)	.02197354	365
Steel Creek at Road A at Savannah River Site (d)	.021973565	366
Steel Creek near Snelling (gt)	.02197357	367
P-019 at Savannah River Site (dt)	.02197362	370
Savannah River below Steel Creek near Millett (t)	.02197370	373
Lower Three Runs below Par Pond at Savannah River Site (dt)	.02197380	375
Lower Three Runs near Snelling (d)	.02197400	378
Savannah River at Burtons Ferry Bridge near Millhaven, GA (d)	.02197500	379
Savannah River near Cloy, GA (dc)	.02198500	380
Savannah River above Hardeeville (e)	.02198760	385
Lakes and Reservoirs in Pee Dee Basin and Santee River Basin (eg)		
Crest-Stage Partial-Record Stations		388
Discharge Measurements at Partial Records Stations		397

GROUND-WATER WELLS, BY COUNTY, FOR WHICH ARE PUBLISHED IN THIS VOLUME

	Station number	Page
<u>AIKEN</u>		
Savannah R. Site, U.S. Dept. of Energy (AK-430)	331940081443501	400
Aiken, S.C. Water Resources Commission (AK-817)	332616081462001	401
Aiken, S.C. Water Resources Commission (AK-818)	332617081462001	402
Aiken, S.C. Water Resources Commission (AK-825)	332616081461601	403
Aiken, S.C. Water Resources Commission (AK-826)	333230081290501	404
<u>BARNWELL</u>		
Town of Williston (BW-78)	332358081252000	405
Barnwell, S.C. Water Resources Commission (BW-349)	331037081184301	406
Barnwell, S.C. Water Resources Commission (BW-350)	331039081184201	407
Barnwell, S.C. Water Resources Commission (BW-351)	331038081184201	408
Barnwell, S.C. Water Resources Commission (BW-353)	331043081185401	409
Barnwell, S.C. Water Resources Commission (BW-354)	331044081185401	410
Barnwell, S.C. Water Resources Commission (BW-355)	331044081185501	411
Barnwell, S.C. Water Resources Commission (BW-356)	331043081185601	412
Barnwell, S.C. Water Resources Commission (BW-359)	331916081242801	413
Barnwell, S.C. Water Resources Commission (BW-360)	331915081242801	414
<u>BEAUFORT</u>		
Hilton Head, U.S. Geological Survey (BFT-101)	321005080442705	415
U.S. Marine Corps Air Station, U.S. Marine Corps (BFT-121)	322745080435800	416
Daufuskie Island, U.S. Geological Survey (BFT-304)	320846080502203	417
Hilton Head Island, U.S. Geological Survey (BFT-315)	321558080431302	418
Victoria Bluff, S.C. Wildlife & Marine Resources Dept. (BFT-429)	321551080491003	419
Hilton Head Island, Sea Pines Plantation (BFT-439)	320910080472001	420
Hilton Head Island, Palmetto Dunes Development Co. (BFT-444)	321125080423000	421
Hilton Head Island, City of Hilton Head (BFT-786)	321459080420101	422
Hilton Head Island, City of Hilton Head (BFT-787)	321459080420102	423
Hilton Head Island, Hilton Head Plantation (BFT-1809)	321603080432201	424
Hilton Head Island, Hilton Head Plantation (BFT-1810)(c)	321603080432202	425
Hilton Head Island, Hilton Head Plantation (BFT-1811)	321603080432203	432
Hilton Head Island, Hilton Head Plantation (BFT-1812)	321603080432204	433
Hilton Head Island, Port Royal Plantation (BFT-1814)	321358080403802	434
<u>BERKELEY</u>		
Summerville, Berkeley-Sangaree Public Service District (BRK-91)	330218080080700	435
Summerville, Conifer Hall Subdivision (BRK-431)	331022080021801	436
<u>CHARLESTON</u>		
Charleston, SCE & G Substation at Concord Street (CHN-14)	324729079472001	437
Charleston, U.S. Department of Agriculture (CHN-44)	324741080041400	438
Charleston, City of Charleston (CHN-64)	324708079555500	439
Charleston, U.S. Forest Service (CHN-101)	330247079340300	440
<u>COLLETON</u>		
Canadys, S.C. Water Resources Commission (COL-97)	330256080354500	441
Edisto State Park, Town of Edisto Beach (COL-305)	323048080181401	442
<u>FLORENCE</u>		
Timmonsville, Town of Timmonsville (FLO-85)	340806079563100	443
Florence, City Products (FLO-99)	341200079444100	444
Florence, E. I. Dupont de Nemours, Inc. (FLO-128)	341144079345001	445
<u>GEORGETOWN</u>		
Georgetown, Georgetown Rural Water District (GEO-77)	332424079171800	446
Pawleys Island, Johnnie Strait (GEO-84)	332610079104000	447
<u>GREENVILLE</u>		
Greenville, Brushy Creek School (GRV-709)	345335082185800	448
<u>HAMPTON</u>		
Hampton County Landfill, S.C. Water Resources Commission (HAM-82)	325005081122800	449
Yemassee, South Carolina Water Resources Commission (HAM-83)	324143080505900	450
<u>HORRY</u>		
Windy Hill Park, City of North Myrtle Beach (HO-269)	334747078435400	451
Collins Park, City of Conway (HO-307)	335115079033500	452
<u>JASPER</u>		
Ridgeland, Ted Roach (JAS-144)	323111080592000	453
<u>LEE</u>		
Bishopville, Robert W. Merck (LE-23)	341405080110100	454
<u>MARION</u>		
Britton Neck, South Carolina Forestry Commission (MN-77)	335143079195000	455
<u>MARLBORO</u>		
Bennettsville, Oak River Mills (MLB-110)	342935079431000	456
Bennettsville, Town of Bennettsville (MLB-112)	343715079411500	457
<u>ORANGEBURG</u>		
Norway, Town of Norway (ORG-95)	332649081072500	458
<u>RICHLAND</u>		
Columbia, Hercules, Inc. (RIC-63)	334944080380100	459
Columbia, Lincolnshire subdivision (RIC-309)	340540081021508	460
<u>SUMTER</u>		
Sumter, City of Sumter (SU-9)	335602080204800	461
<u>WILLIAMSBURG</u>		
Stuckey, Town of Stuckey (WL-76)	334410079310200	462
<u>YORK</u>		
Ft. Mill, Tega Cay Development Co. (YK-147)	350150081012500	463

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS

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

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

Discontinued surface-water discharge or stage-only stations

Station name	Station number	Drainage area (mi ²)	Period of record
PEE DEE RIVER BASIN			
Cedar Creek at Society Hill, S.C. (d)	02130600	58.2	1971-81
Lynches River near Bishopville, S.C. (d)	02131500*	675	1943-71
Little Pee Dee River near Dillon, S.C. (d)	02132500*	524	1939-71
SANTEE RIVER BASIN			
Bear Creek at Lancaster, S.C. (d)	02147240	66.6	1978-82
Colonels Creek near Leesburg, S.C. (d)	02148300	38.1	1966-80
Broad River near Gaffney, S.C. (d)	02153500	1,490	1938-71, 1986-90
Lake William C. Bowen near Fingerville, S.C. (e)	02154950	79.4	1972-84, 1987-88
Black Creek near Fingerville, S.C. (d)	02155600	10.0	1967-69
Pacolet River near Clifton, S.C. (d)	02156000	320	1940-71
Lawsons Fork Creek at Spartanburg, S.C. (d)	02156300*	74.7	1966-70
Middle Tyger River at Lyman, S.C. (d)	02157500*	68.3	1938-67
North Tyger River near Moore, S.C. (d)	02158000	162	1934-67
South Tyger River near Reidville, S.C. (d)	02158500	106	1935-67
South Tyger River near Woodruff, S.C. (d)	02159000	174	1934-71
Tyger River near Woodruff, S.C. (d)	02159500	351	1930-56
Dutchman Creek near Pauline, S.C. (d)	02159600*	8.9	1966-69
Fairforest Creek at Spartanburg, S.C. (d)	02159800	17.0	1966-70
Fairforest Creek near Union, S.C. (d)	02160000*	183	1940-71
Enoree River near Enoree, S.C. (d)	02160500*	307	1930-77
Broad River at Richtex, S.C. (d)	02161500	4,850	1926-28, 1930-83
Crane Creek at Columbia, S.C. (d)	02162080	66.5	1968-74
Hamilton Creek near Easley, S.C. (d)	02162525*	1.6	1981-86
Saluda River near Pelzer, S.C. (d)	02163000	405	1930-71,

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

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

Station name	Station number	Drainage area (mi ²)	Period of record
Congaree Creek at Cayce, S.C. (d)	02169550	122	1960-80
Cedar Creek below Myers Creek near Hopkins, S.C. (d)	02169670	66.9	1981-85
Lake Marion at Buckingham Landing near Lone Star, S.C. (e)	02169850	---	1977-80
Lake Marion at Rimini, S.C. (e)	02169900	14,194	1975-78
Santee River at Ferguson, S.C. (d)	02170000	14,600	1908-41
Lakes Marion-Moultrie Diversion Canal near Pineville, S.C. (d)	02170500	---	1944-86
Santee River below St. Stephens, S.C. (d)	02171650	14,900	1966-82
EDISTO RIVER BASIN			
South Fork Edisto River near Montmorenci, S.C. (d)	02172500*	198	1940-66
Cow Castle Creek near Bowman, S.C. (d)	02174250	23.4	1971-81
COMBAHEE RIVER BASIN			
Combahee River near Yemassee, S.C. (d)	02176000	1,100	1951-57
BROAD RIVER BASIN			
Great Swamp near Ridgeland, S.C. (d)	02176875*	48.8	1977-84
SAVANNAH RIVER BASIN			
Keowee River near Jocassee, S.C. (d)	02185000	148	1950-68
Lake Keowee near Six Mile, S.C. (e)	02185300	795	1989-90
Keowee River near Newry, S.C. (d)	02185500	455	1939-61
Seneca River near Anderson, S.C. (d)	02187000	1,026	1928-59
Rocky River near Calhoun Falls, S.C. (d)	02188000	267	1950-66
Savannah River near Calhoun Falls, S.C. (d)	02189000	2,876	1896-98 1899-1900, 1930-32, 1938-79
Savannah River near Clarks Hill, S.C. (d)	02195000	6,150	1940-54

WATER RESOURCES DATA FOR SOUTH CAROLINA-1991

DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations prior to the 1991 water year. Daily records of temperature, specific conductance, pH, or dissolved oxygen were collected and published for the period of record shown, expressed in water years, for each station.

Discontinued continuous-record surface-water-quality stations

Station name	Station number	Type of record	Period of record
Waccamaw River at Pitch Landing near Conway, S.C.	02110707	Temp., S.C., pH, D.O.	1986-89
AIW at Myrtlewood Golf Course at Myrtle Beach, S.C.	02110760	Temp., S.C., pH, D.O.	1986-89
Waccamaw River at Wachesaw Landing near Murrells Inlet, S.C.	02110809	Temp., S.C., pH, D.O.	1986-89
Waccamaw River at Mt. Rena near Murrells Inlet, S.C.	02110812	Temp., S.C., pH, D.O.	1986-89
Black River near Rhems, S.C.	02136070	Temp., S.C.	1963-66
Winyah Bay at Mouth near Georgetown, S.C.	02136390	Temp., S.C., pH, D.O.	1986-89
West Branch Cooper River near Monks Corner, S.C.	02172017	Temp.	1976-82
Cooper River at Rice Mill near Kittredge, S.C.	02172030	S.C.	1981-85
Chicken Creek at North Charleston, S.C.	021720605	Temp., S.C.	1982-86
Edisto River near Jacksonboro, S.C.	02175030	Temp.	1959-62

INTRODUCTION

Water resources data for the 1991 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 124 gaging stations; stage-only records for 24 gaging stations; stage and contents for 13 lakes and reservoirs; water quality for 50 gaging stations; and water levels for 59 observation wells. Also included are data for 80 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-91-1." 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. Beginning with the 1990 Water Year, all water-data reports will also be available on Compact Disk - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc.

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. A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

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
York County Planning and Development Services, M. E. Norton, County Planner

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:

Allied-Signal Incorporated
Bewater-Carolina Corporation
Brewer Gold Company
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, 1991

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

During 1991 water year, both streamflow and precipitation in South Carolina were higher than experienced in 1990. The drought conditions that had persisted over much of the state during the summer and fall of 1990 continued during the first few weeks of October. Drought concerns were replaced with flooding problems on October 10 - 12 as heavy localized rains caused severe flooding in some areas. During this event, many areas of the State received only moderate rainfall while other areas received as much as ten inches in a 24-hour period. The heaviest rainfall fell on October 11. National Weather Service (NWS) rainfall totals (amount in inches) for selected cities on that day were: Florence, 5.27; Kershaw, 9.85; and Orangeburg, 9.99. Heaviest 24-hour rainfall (amount in inches) for several other cities indicate the variability of rainfall: Aiken, 4.04; Charleston, 4.20; Columbia, 3.98; Greenville, 4.43; and Greer, 2.95. Record peaks occurred at gaging stations on many streams with small drainage areas. Streams with drainage areas greater than 200 square miles did not have peak discharges exceeding the 50-year flood because the heaviest rainfall was localized. The stations at which the highest floods occurred were Fork Creek at Jefferson, Black Creek near McBee, and Scape Ore Swamp near Bishopville, where peak discharges were 2.8, 2.5, and 2.3 times that for the 100-year flood, respectively.

After the October flooding, precipitation was below normal through February and well above normal for the remainder of the water year for most of the State. Most streams in the State and especially those in the eastern portion, were above normal levels through December. With the exception of March, streamflows were normal over most of the State during January through June. In March, flooding during the first and last weeks produced annual peaks at several stations. During the last quarter of 1991 water year, streamflows in the western portion of the State were above normal.

Minimum daily mean discharges for the 1991 water year and the period of record for seven index stations are presented in the following table.

Station	Drainage area (square mile)	Minimum daily mean discharge 1991 water year (cubic feet per second)	Minimum daily mean discharge for period of record (cubic feet per second)
<u>Piedmont</u>			
02154500 North Pacolet River at Fingerville	116.0	81.0	27.0
02162010 Cedar Creek near Blythewood	48.9	2.1	0.07
<u>Upper Coastal Plain</u>			
02130910 Black Creek near McBee	108.0	30.0	17.0
02173000 South Fork Edisto River near Denmark	720.0	189.0	148.0
02197300 Upper Three Runs near New Ellenton	98.7	64.0	53.0
<u>Lower Coastal Plain</u>			
02132000 Lynches River at Effingham	1030	236.0	95.0
02176500 Coosawhatchie River near Hampton	203	.0	.0

A comparison with monthly and yearly mean discharges during the 1991 water year and the median monthly and yearly mean discharges for the periods of record for two of the above index stations are shown in figure 1.

Ground Water

Ground-water levels reflect both the climatic conditions of the region and ground-water withdrawals. In the Piedmont ground water occurs in the fault and fracture systems of the crystalline rocks and in the shallow unconsolidated material overlying the rock. Water levels in the shallow water table aquifer in the Piedmont, which is not heavily pumped, increased slightly during the 1991 water year at an observation well near Greenville. Water levels in an unused 80-foot deep water table well, GRV-709, increased from 32.23 feet below land surface on October 1, 1990 to 29.51 feet below land surface on September 30, 1991 and varied only 3.43 feet during the water year.

In the Coastal Plain, ground water occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this part of the State, and in an area of large withdrawal at Georgetown, a reduction of the pressure head caused the water level in well GEO-84 to decline 16.47 feet. At Charleston, levels in well CHN-14 declined 26.58 feet from May to September. The water level in well HO-307, a 438-foot deep observation well at Conway, declined from 62.24 feet on October 1, 1990 to 63.40 feet on September 1991.

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

HYDROLOGIC CONDITIONS

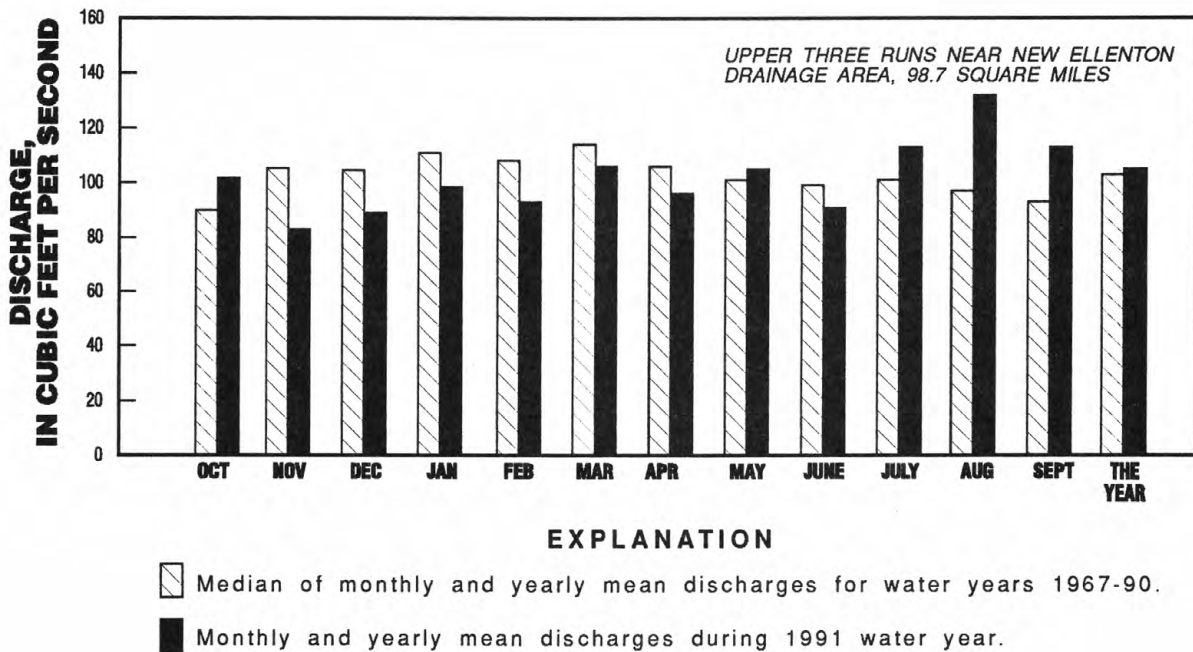
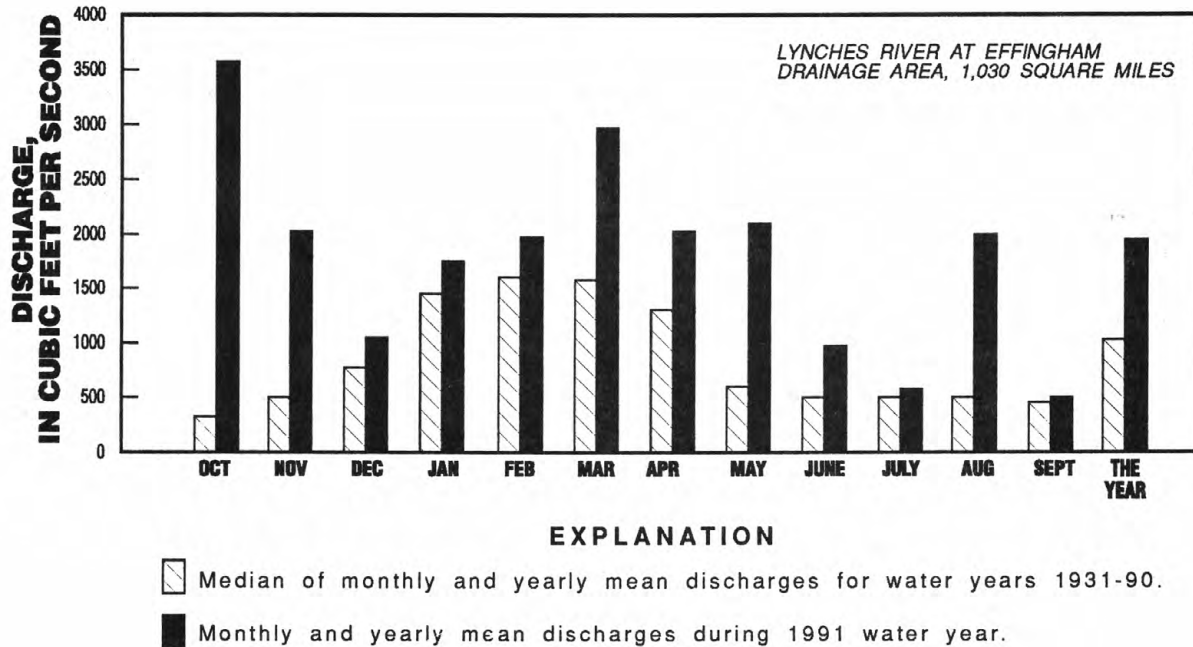


Figure 1.--Monthly and yearly mean discharges at two long-term representative gaging stations during 1991 water year with the median discharges for the period of record.

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 WAITSTORE 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. 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 constriction 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.

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

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 planimetered. All areas shown are those for the stage when the planimetered 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.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

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, 1991, is called the "1991 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 or 9-digit number for each station such as 02175000, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6 or 7-digit downstream order number 175000.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

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

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, 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.

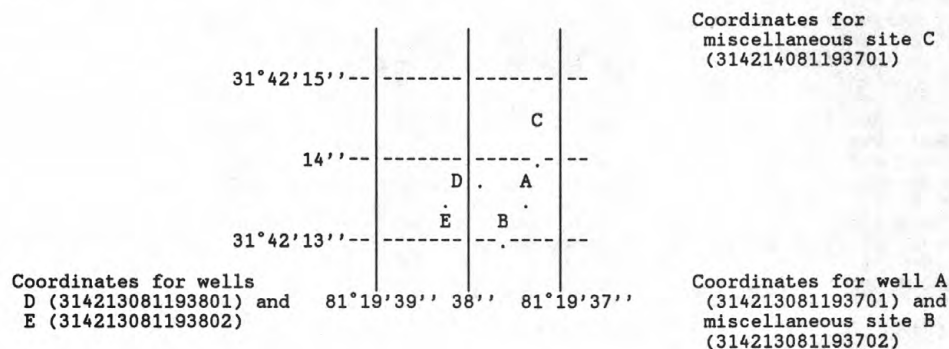


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

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 2175, Vol. 2 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."

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

Data Presentation

Streamflow data in this report are presented in a new format that is considerably different from the format in data reports prior to the 1991 water year. The major changes are that statistical characteristics of discharge now appear in tabular summaries following the water-year data table and less information is provided in the text or station manuscript above the table. These changes represent the results of a pilot program to reformat the annual water-data report to meet current user needs and data preferences.

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

Station manuscript

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

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

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

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

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

GAGE.--The type of gage in current use, the datum of the current gage referred to National Geodetic Vertical Datum of 1929 (see glossary), and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.--All periods of estimated daily discharges will either be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily discharge table. (See next section, "Identifying Estimated Daily Discharge.") If a REMARKS paragraph is used to identify estimated record, the paragraph will begin with this information presented as the first entry. The paragraph is also used to present information relative to the accuracy of the records, to special methods of computation, and to conditions that affect natural flow at the station. In addition, information presented pertaining to average discharge data for the period of record; to extremes data for the period of record and the current year; and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Included here is information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the U.S. Geological Survey.

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

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

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

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

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

Data table of daily mean values

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

Statistics of monthly mean data

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

Summary statistics

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

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

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

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

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

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

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

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

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

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

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

INSTANTANEOUS PEAK FLOW.--The maximum instantaneous discharge occurring for the water year or for the designated period. Note that secondary instantaneous peak discharges above a selected base discharge are stored in District computer files for stations meeting certain criteria. Those discharge values may be obtained by writing to the District Office. (See address on back of title page of this report.)

INSTANTANEOUS PEAK STAGE.--The maximum instantaneous stage occurring for the water year or for the designated period. If the dates of occurrence for the instantaneous peak flow and instantaneous peak stage differ, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

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

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

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

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

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

10 PERCENT EXCEEDS.--The discharge that is exceeded by 10 percent of the flow for the designated period.

50 PERCENT EXCEEDS.--The discharge that is exceeded by 50 percent of the flow for the designated period.

90 PERCENT EXCEEDS.--The discharge that is exceeded by 90 percent of the flow for the designated period.

Data collected at partial-record stations follow the information for continuous record sites. Data for partial-record discharge stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of discharge measurements at low-flow partial-record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

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.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

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 1991 the National Water-Quality Laboratory discovered a bias in the turbidimetric 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 1991. 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.

Historical and current (1991) dissolved trace-element concentrations are reported herein for water that was collected, processed, and analyzed by using either ultraclean or other than ultraclean techniques. If ultraclean techniques were used, then those concentrations are reported in nanograms per liter. If other than ultraclean techniques were used, then those concentrations are reported in micrograms per liter and could reflect contamination introduced during some phase of the procedure.

Water temperature

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

Data Presentation

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

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

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

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

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

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

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It should identify wells that also are water-quality observation wells, and may be used to acknowledge the assistance of local (non-Survey) observers.

PERIOD OF RECORD.--This entry indicates the period for which there are published records for the well. It reports the month and year of the start of publication of water-level records by the U.S. Geological Survey and the words "to current year" if the records are to be continued into the following year. Periods for which water-level records are available, but are not published by the Geological Survey, may be noted.

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

A table of water levels follows the station description for each well. Water levels are reported in feet below land-surface datum and all taped measurements of water level are listed. For wells equipped with recorders, only abbreviated tables are published; generally, only water-level lows are listed for every fifth day and at the end of the month (eom). The highest and lowest water levels of the water year and their dates of occurrence are shown on a line below the abbreviated table. Because all values are not published for wells with records, the extremes may be values that are not listed in the table. Missing records are indicated by dashes in place of water level. Monthly minimums, maximums and means are determined for months with five or fewer days of missing record. A hydrograph for a selected period of record follows each water-level table.

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1991

ACCESS TO WATSTORE DATA

The U.S. Geological Survey is the principal Federal water-data agency and, as such, collects and disseminates about 70 percent of the water data currently being used by numerous State, local, private, and other Federal agencies to develop and manage our water resources. As part of the Geological Survey's program of releasing water data to the public, a large-scale computerized system has been developed for the storage and retrieval of water data collected through its activities. The National Water Data Storage and Retrieval System (WATSTORE) was established in 1972 to provide an effective and efficient means for the processing and maintenance of water data collected through the activities of the U.S. Geological Survey and to facilitate release of the data to the public. A variety of useful products, ranging from data tables to complex statistical analyses such as Log Pearson Type III, can be produced using WATSTORE. The system resides on the central computer facilities of the U.S. Geological Survey at its National Center in Reston, Virginia, and consists of related files and data bases.

- * Station Header File - Contains descriptive information on more than 440,000 sites throughout the United States and its territories where the U.S. Geological Survey collects or has collected data.
- * Daily Values File - Contains more than 220 million daily values of stream flows, stages, reservoir contents, water temperatures, specific conductances, sediment concentrations, sediment discharges, and ground-water levels.
- * Peak Flow File - Contains approximately 500,000 maximum (peak) streamflow and gage-heights values at surface-water sites.
- * Water Quality File - Contains approximately 2 million analyses of water samples that describe the chemical, physical, biological, and radio-chemical characteristics of both surface and ground water.
- * Ground-Water Site Inventory Data Base - Contains inventory data for more than 910,000 wells, springs, and other sources of ground water. The data includes site location, geohydrologic characteristics, well-construction history, and one-time field measurements such as water temperature.

In 1976, the U.S. Geological Survey opened WATSTORE to the public for direct access. The signing of a Memorandum of Agreement with the Survey is required to obtain direct access to WATSTORE. The system can be accessed either synchronously or asynchronously. The requestor will be expected to pay all computer costs he/she incurs. Direct access may be obtained by contacting:

U.S. Geological Survey
National Water Data Exchange
421 USGS National Center
Reston, Virginia 22092

In addition to providing direct access to WATSTORE, data can be provided in various machine-readable formats on magnetic tape or 5-1/4 inch floppy disk; and, as noted in the introduction, on CD-ROM discs. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division's District offices. (See address on the back of the title page.) A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

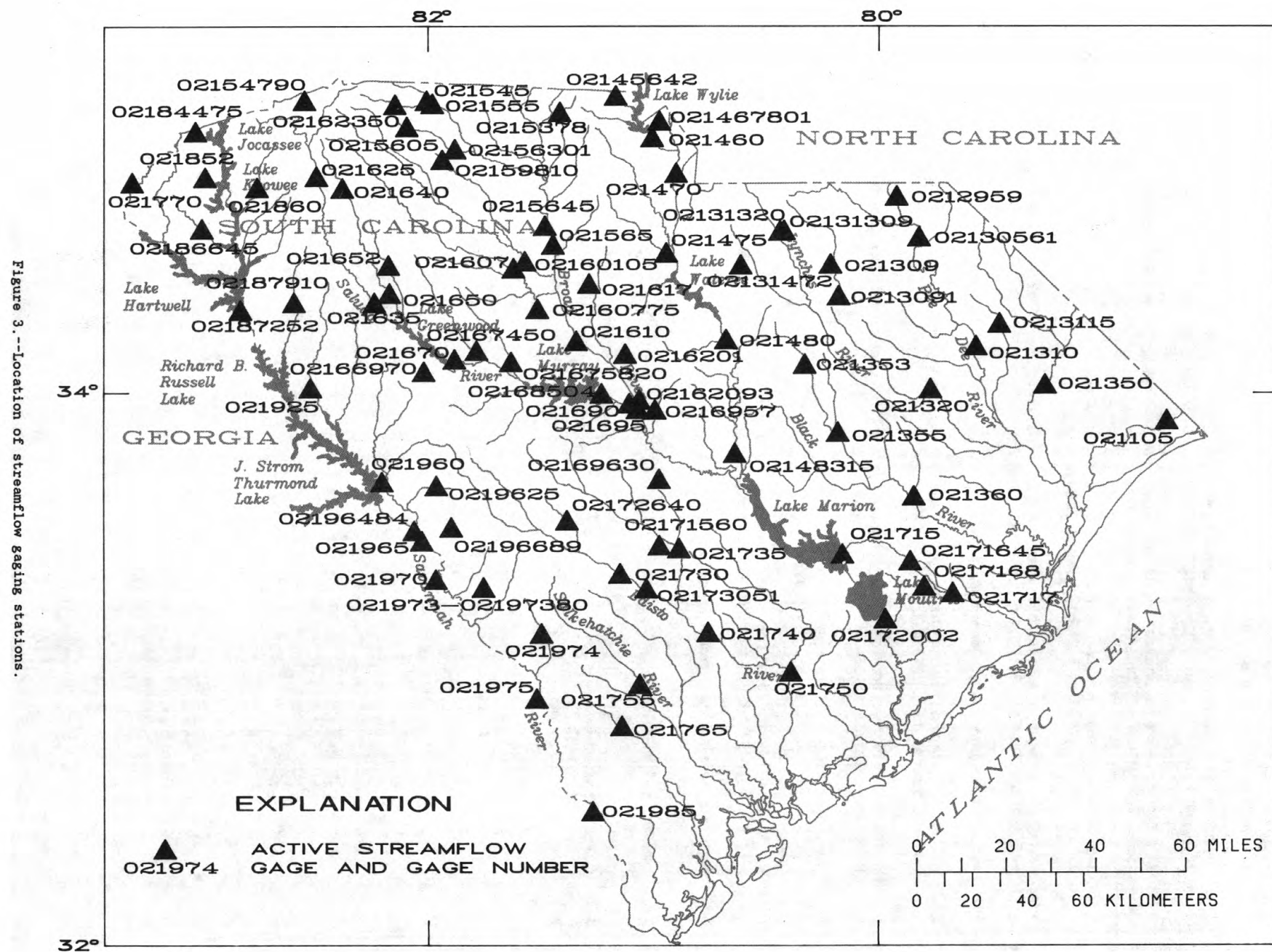
The U.S. Geological Survey publishes a series of manuals describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of 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.

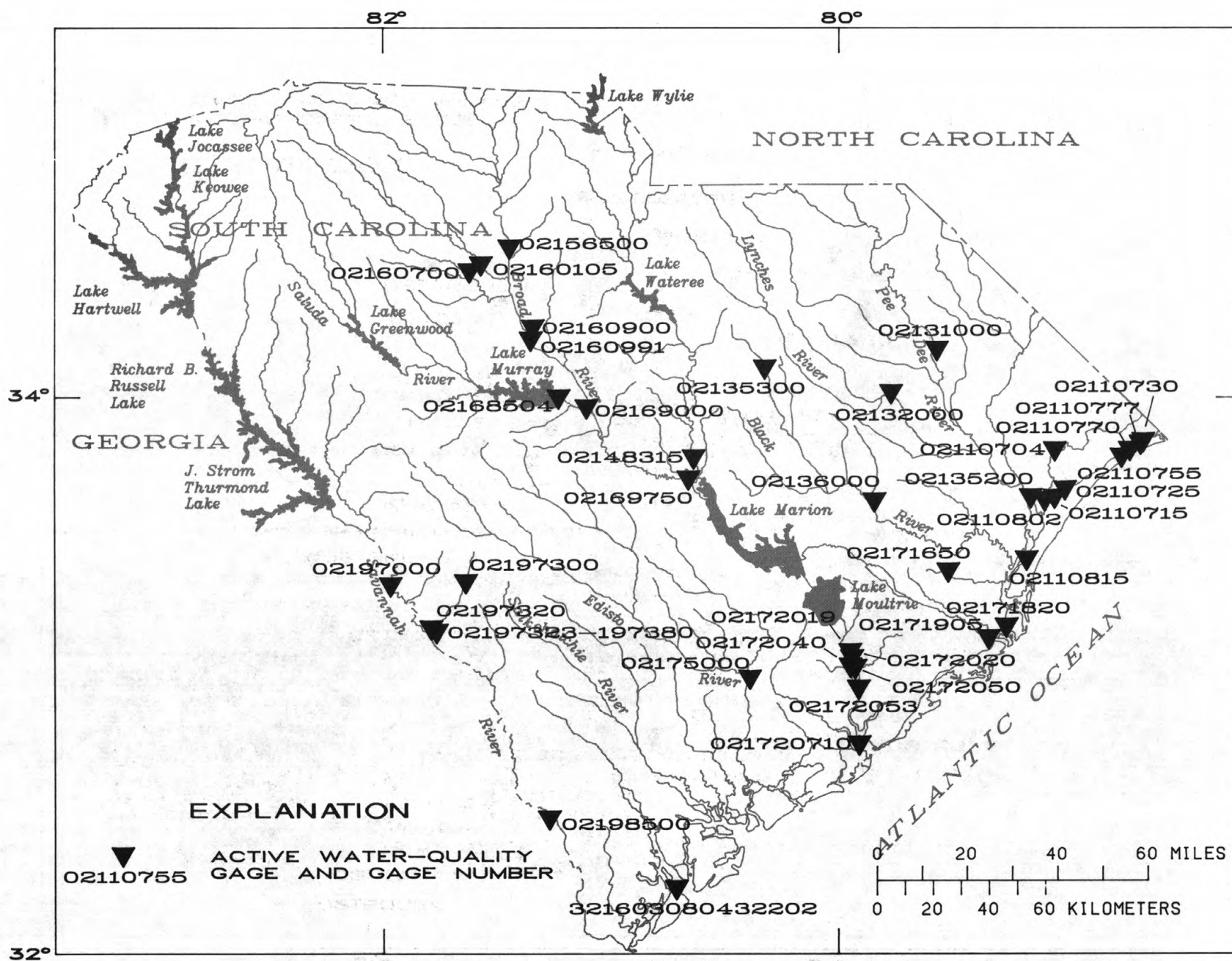
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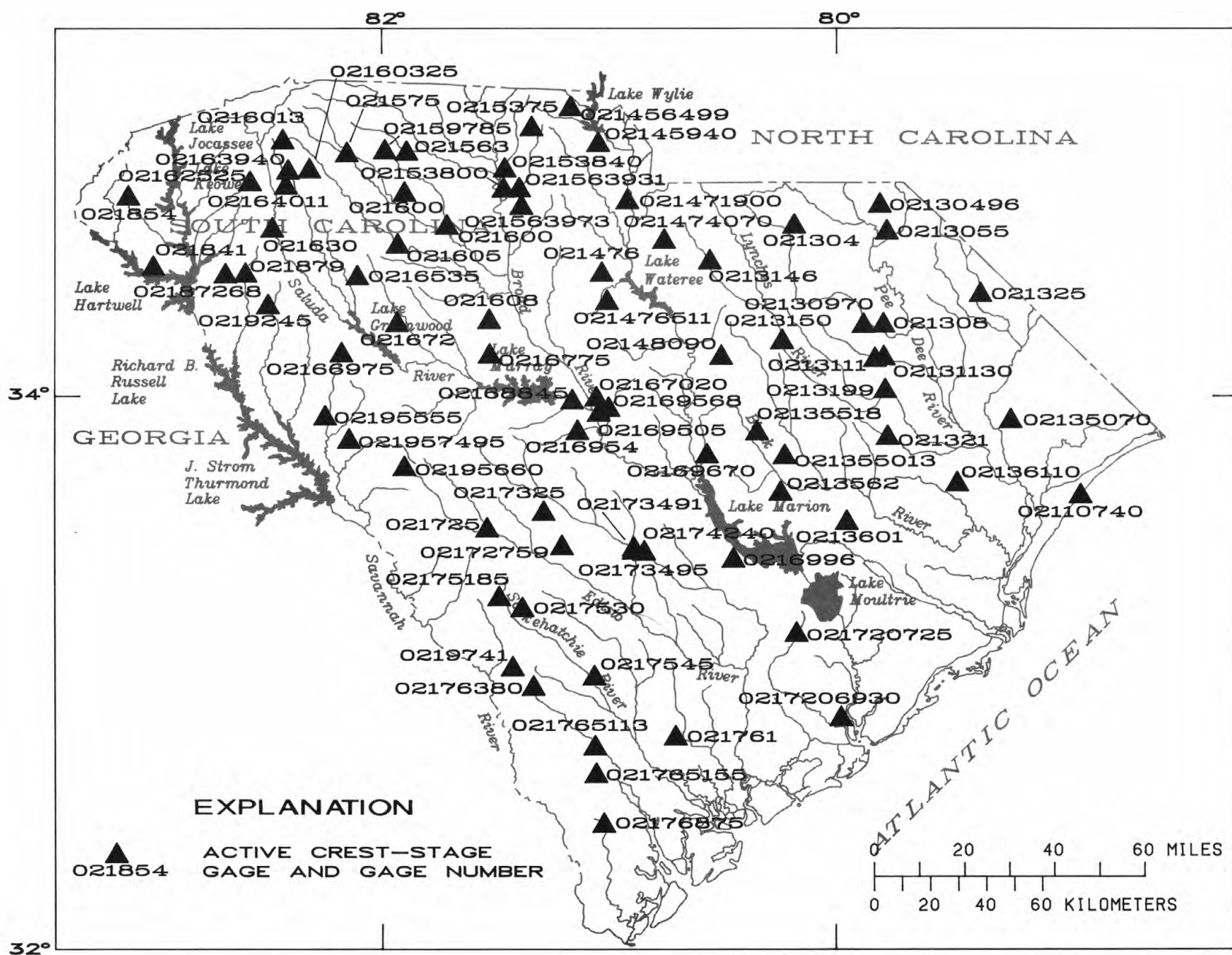
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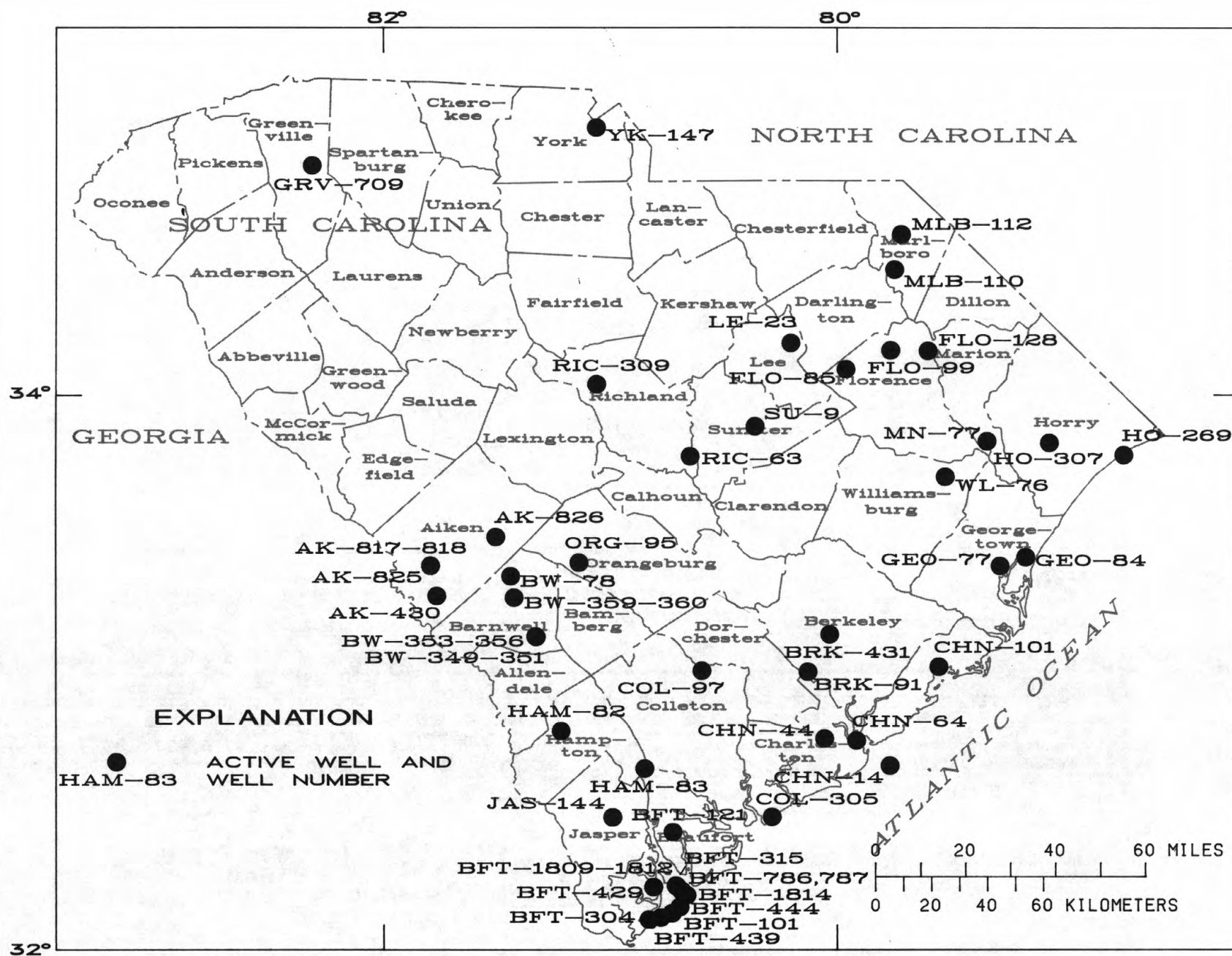


Figure 7.--Location of ground water wells.

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.--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.--Records good except for estimated daily discharges, Jan. 2 - 4, June 13 - 20, Aug. 6 - 9, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	676	243	855	5020	1370	1410	1690	275	153	197	3510
2	32	627	231	862	4910	1390	1360	1620	249	119	597	3870
3	29	575	228	845	4860	1510	1310	1520	221	93	944	3850
4	27	516	232	835	4850	1840	1250	1430	191	82	891	3770
5	26	447	231	815	4800	1970	1210	1360	175	103	931	3620
6	28	383	232	784	4680	2050	1180	1290	176	96	1140	3380
7	25	328	241	751	4570	2160	1170	1230	210	144	1230	3090
8	23	280	293	775	4460	2360	1190	1160	253	122	1410	2800
9	22	242	356	802	4270	2550	1210	1100	275	99	1610	2540
10	21	374	384	807	4050	2640	1250	1050	264	93	1670	2310
11	106	480	403	835	3830	2660	1290	986	225	107	1610	2100
12	232	493	420	1050	3590	2640	1330	919	177	183	1670	1910
13	194	501	441	1120	3370	2640	1360	856	140	133	1850	1740
14	199	501	461	1200	3190	2710	1370	837	111	105	1750	1620
15	256	500	475	1310	2980	2680	1360	810	96	133	1660	1500
16	369	507	486	1470	2760	2600	1330	751	81	151	1640	1390
17	465	523	492	1630	2550	2520	1280	745	66	152	1940	1280
18	566	536	490	1730	2350	2430	1220	688	59	149	2380	1190
19	663	541	479	1800	2170	2340	1170	660	90	139	2610	1080
20	707	533	488	2750	2020	2240	1340	598	120	136	2780	969
21	696	508	563	3610	1870	2140	1430	533	109	185	2720	863
22	649	467	583	3920	1740	2040	1490	474	103	156	2590	758
23	695	419	595	3920	1660	1940	1500	429	132	130	2570	650
24	749	374	608	4000	1610	1820	1530	411	182	120	3190	568
25	721	335	620	4220	1580	1710	1590	441	232	138	3540	536
26	700	300	644	4290	1520	1620	1660	459	265	94	3480	612
27	691	274	683	4250	1460	1540	1700	457	279	81	3340	599
28	686	258	730	4230	1410	1460	1690	440	270	84	3320	588
29	708	259	781	4210	---	1400	1640	406	240	103	3360	605
30	712	257	824	4470	---	1450	1620	363	196	132	3400	669
31	702	---	847	4930	---	1440	---	319	---	219	3430	---
TOTAL	11741	13014	14784	69076	88130	63860	41440	26032	5462	3934	65450	53967
MEAN	379	434	477	2228	3147	2060	1381	840	182	127	2111	1799
MAX	749	676	847	4930	5020	2710	1700	1690	279	219	3540	3870
MIN	21	242	228	751	1410	1370	1170	319	59	81	197	536
CFSM	.34	.39	.43	2.01	2.84	1.86	1.24	.76	.16	.11	1.90	1.62
IN.	.39	.44	.50	2.31	2.95	2.14	1.39	.87	.18	.13	2.19	1.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1991, BY WATER YEAR (WY)

	MEAN	720	533	688	1611	2201	2569	1802	645	564	864	1137	1010
MAX	3463	2864	2089	4327	5973	7748	5072	2916	2422	6191	5643	6767	
(WY)	1965	1978	1978	1987	1973	1983	1958	1978	1969	1961	1981	1955	
MIN	5.13	6.20	30.1	136	260	363	194	50.0	18.3	13.2	14.5	3.70	
(WY)	1984	1984	1955	1957	1989	1955	1967	1967	1952	1952	1954	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1950 - 1991

ANNUAL TOTAL	251216			456890									
ANNUAL MEAN	688			1252									
HIGHEST ANNUAL MEAN										1191			
LOWEST ANNUAL MEAN										2418			1960
HIGHEST DAILY MEAN	2950	Jan 9		5020	Feb 1					439			1952
LOWEST DAILY MEAN	21	Oct 10		21	Oct 10					16000	Aug 23		1981
ANNUAL SEVEN-DAY MINIMUM	25	Oct 4		25	Oct 4					1.0	Oct 14		1954
INSTANTANEOUS PEAK FLOW				5050	Jan 31					2.0	Sep 7		1954
INSTANTANEOUS PEAK STAGE				11.73	Jan 31					16200	Aug 23		1981
INSTANTANEOUS LOW FLOW				21	Oct 10					14.87	Aug 23		1981
ANNUAL RUNOFF (CFSM)	.62			1.13						1.0	Oct 14		1954
ANNUAL RUNOFF (INCHES)	8.42			15.31						1.07			
10 PERCENT EXCEEDS	1930			3330						14.58			
50 PERCENT EXCEEDS	465			807						3040			
90 PERCENT EXCEEDS	40			131						660			
										54			

WACCAMAW RIVER BASIN

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC

LOCATION.--Lat 33°49'47'', long 79°02'38'', Horry County, Hydrologic Unit 03040206, on right bank 1250 ft downstream of State Highway 501 Business bridge at Conway.

PERIOD OF RECORD.--October 1990 to September 1991.

PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: October 1990 to September 1991.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: Maximum, 8.6 mg/L, Jan. 8, 9, 1991; minimum, 1.5 mg/L, Sept. 17, 18, 1991.

EXTREMES FOR CURRENT YEAR.--

DISSOLVED OXYGEN: Maximum, 8.6 mg/L, Jan. 8, 9; minimum, 1.5 mg/L, Sept. 17, 18.

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.0	4.7	4.8	6.1	5.8	5.9	6.8	6.5	6.7	8.4	8.0	8.2
2	4.9	4.6	4.8	6.2	6.0	6.1	6.6	6.4	6.6	8.5	7.8	8.2
3	4.8	4.5	4.7	6.3	6.0	6.2	6.7	6.3	6.5	8.3	7.9	8.1
4	5.0	4.6	4.7	6.4	6.1	6.3	6.7	6.2	6.5	8.2	8.1	8.1
5	4.9	4.7	4.8	6.4	6.1	6.3	6.6	6.4	6.5	8.4	8.2	8.3
6	5.1	4.7	4.9	6.4	6.1	6.2	6.7	6.4	6.6	8.5	8.2	8.4
7	5.1	4.7	4.9	6.3	5.9	6.2	7.0	6.4	6.7	8.5	8.2	8.4
8	5.1	4.8	4.9	6.2	5.7	6.0	7.5	6.8	7.1	8.6	8.4	8.5
9	5.3	4.8	5.0	5.9	5.4	5.7	7.3	7.1	7.2	8.6	8.0	8.4
10	5.4	4.9	5.1	5.8	3.5	4.6	7.6	7.2	7.4	8.1	8.0	8.0
11	6.1	4.6	5.4	5.1	4.3	4.8	8.0	7.5	7.7	8.1	7.9	8.0
12	4.7	4.4	4.6	5.1	4.1	4.8	8.1	7.6	7.9	8.1	7.9	8.0
13	4.4	3.9	4.2	5.2	5.0	5.1	8.3	7.9	8.2	7.9	7.7	7.9
14	4.2	3.6	4.0	5.3	4.8	5.0	8.4	8.2	8.3	7.8	7.7	7.7
15	3.9	3.5	3.8	5.7	5.2	5.5	8.4	8.1	8.3	7.7	7.7	7.7
16	3.9	3.4	3.7	5.9	5.4	5.7	8.5	8.1	8.3	7.9	7.8	7.8
17	3.7	3.0	3.4	6.3	5.8	6.1	8.5	8.3	8.4	7.9	7.7	7.8
18	3.3	2.7	2.9	6.7	6.2	6.4	8.4	8.2	8.3	7.7	7.5	7.6
19	3.8	3.2	3.5	6.8	6.2	6.6	8.4	8.2	8.3	8.3	7.5	7.6
20	4.7	3.6	4.1	6.8	6.3	6.7	8.3	7.9	8.2	8.4	7.8	8.1
21	5.3	4.7	5.1	6.9	6.2	6.7	8.1	7.6	7.9	7.8	7.7	7.8
22	5.3	4.4	5.0	7.0	6.7	6.9	8.0	7.4	7.7	7.7	7.6	7.6
23	6.2	5.0	5.3	7.2	6.6	7.0	7.7	7.2	7.6	7.7	7.6	7.6
24	5.4	5.0	5.2	7.2	6.9	7.1	7.4	6.7	7.2	7.9	7.6	7.7
25	5.3	5.0	5.2	7.3	7.0	7.1	7.5	6.7	7.3	7.9	7.8	7.9
26	5.4	5.1	5.3	7.2	7.0	7.1	7.7	7.3	7.6	8.0	7.8	7.9
27	5.7	5.2	5.4	7.1	6.9	7.0	7.9	7.6	7.7	8.0	7.9	8.0
28	5.8	5.4	5.6	7.0	6.6	6.9	8.0	7.6	7.8	8.2	8.0	8.1
29	5.9	5.6	5.8	6.8	6.6	6.7	8.2	7.9	8.1	8.1	7.9	8.0
30	6.1	5.8	6.0	6.8	6.6	6.7	8.4	8.2	8.3	8.0	7.8	8.0
31	6.4	6.1	6.2	---	---	---	8.4	8.1	8.3	7.8	7.3	7.5
MONTH	6.4	2.7	4.8	7.3	3.5	6.2	8.5	6.2	7.6	8.6	7.3	8.0

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 current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1989 to current year.

WATER TEMPERATURE: October 1989 to current year.

DISSOLVED OXYGEN: October 1989 to current year.

INSTRUMENTATION.--USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 218 microsiemens, July 29, 30, 1989; minimum, 65 microsiemens, Sept. 9, 10, 1991.

WATER TEMPERATURE: Maximum, 32.5°C, July 25, 1991; 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, 195 microsiemens, Apr. 26; minimum, 65 microsiemens, Sept. 9, 10.

WATER TEMPERATURE: Maximum, 32.0°C, July 25; minimum, 7.5°C, Jan. 27, 28.

DISSOLVED OXYGEN: Maximum, 8.9 mg/L, Jan. 30; minimum, 1.2 mg/L, Sept. 12, 13, 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	120	117	119	140	135	137	122	121	121	118	112	116
2	124	120	122	138	130	134	122	121	122	116	113	115
3	125	119	122	133	131	132	121	121	121	114	106	111
4	125	120	122	134	130	132	121	121	121	110	104	108
5	123	119	122	133	129	131	121	121	121	108	107	107
6	128	121	124	132	127	130	121	120	121	107	105	106
7	137	126	131	126	118	121	121	121	121	105	103	104
8	132	124	128	119	117	118	122	121	121	103	100	102
9	132	125	129	120	117	118	122	122	122	100	98	100
10	132	126	129	125	117	122	122	122	122	101	97	99
11	131	120	125	128	125	126	122	122	122	98	93	96
12	119	110	114	128	125	127	122	121	122	93	87	90
13	114	111	112	128	125	127	122	122	122	87	83	85
14	112	109	111	128	125	127	122	122	122	83	80	82
15	113	109	111	128	120	124	122	122	122	80	78	79
16	115	111	113	122	121	122	123	122	123	78	76	77
17	116	111	114	122	122	122	123	122	123	84	76	79
18	118	113	116	122	122	122	123	122	123	79	77	78
19	124	119	122	122	122	122	123	123	123	77	76	77
20	127	123	125	123	122	123	125	123	123	76	74	75
21	126	120	123	123	123	123	126	119	124	74	73	74
22	124	120	122	123	123	123	128	122	126	73	72	73
23	125	122	123	123	123	123	132	128	130	72	70	71
24	126	121	125	126	123	123	136	132	134	71	70	70
25	126	121	124	131	123	124	136	129	132	70	70	70
26	130	124	127	137	126	132	131	122	127	70	70	70
27	132	130	131	137	122	126	128	125	127	70	69	70
28	133	131	132	122	121	122	128	124	126	70	69	70
29	138	132	135	122	121	121	127	119	123	70	69	70
30	139	136	138	122	121	121	123	116	119	69	69	69
31	140	138	139	---	---	---	119	114	117	69	68	68
MONTH	140	109	124	140	117	125	136	114	123	118	68	86

WACCAMAW RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	71	68	69	82	79	80	133	126	129	74	70	71
2	73	68	70	82	78	80	138	131	135	73	70	71
3	73	68	70	80	77	78	138	132	136	78	71	74
4	72	68	70	81	78	79	138	135	136	78	75	76
5	73	71	72	81	78	80	137	132	135	87	77	82
6	74	72	73	80	76	78	139	132	135	97	81	87
7	73	71	72	79	75	77	149	141	145	83	74	79
8	73	71	72	79	76	77	161	149	154	77	74	75
9	73	72	73	78	75	77	171	161	164	75	73	74
10	74	71	73	78	75	76	177	169	172	76	73	74
11	74	71	73	78	74	76	185	178	181	79	74	76
12	74	72	73	76	73	75	183	178	180	83	79	81
13	75	72	73	75	71	73	184	179	181	92	83	88
14	74	72	73	73	69	70	185	183	184	105	79	95
15	75	73	74	72	69	70	184	132	154	86	78	80
16	78	75	76	72	70	71	145	106	127	101	86	91
17	77	75	76	72	70	71	122	81	94	127	102	114
18	77	74	76	71	69	70	119	102	111	147	128	138
19	77	75	76	72	70	70	141	119	128	160	147	154
20	77	74	76	76	70	74	154	141	147	166	152	161
21	78	76	77	77	74	76	165	155	160	161	117	134
22	78	76	77	77	75	76	175	162	167	156	133	146
23	80	76	77	80	77	78	178	173	174	158	147	152
24	79	77	78	85	79	81	184	176	180	154	148	152
25	79	77	78	90	84	86	192	184	190	157	122	140
26	81	78	79	95	89	90	195	169	188	121	99	107
27	85	79	81	104	95	99	168	122	148	100	95	98
28	82	79	81	112	105	108	119	77	94	104	99	101
29	---	---	---	118	111	114	77	73	75	104	101	103
30	---	---	---	123	117	120	76	72	74	104	101	102
31	---	---	---	126	121	123	---	---	---	104	102	103
MONTH	85	68	75	126	69	82	195	72	146	166	70	103
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	103	103	103	99	98	99	---	---	---	69	68	68
2	103	102	102	99	98	99	104	100	102	69	67	68
3	103	102	103	---	---	---	108	99	104	68	67	68
4	103	103	103	---	---	---	105	99	102	68	67	67
5	103	102	103	---	---	---	97	88	93	68	66	67
6	102	100	102	---	---	---	90	84	86	67	66	67
7	102	100	102	---	---	---	87	83	86	67	66	67
8	102	99	101	---	---	---	87	85	86	68	66	67
9	102	100	102	---	---	---	87	85	86	67	65	66
10	102	101	102	---	---	---	87	83	86	67	65	66
11	101	101	101	---	---	---	85	81	83	67	66	67
12	101	101	101	---	---	---	82	75	80	68	66	67
13	101	100	101	---	---	---	79	77	78	69	67	68
14	100	100	100	---	---	---	77	75	76	69	67	68
15	100	99	99	---	---	---	77	75	76	73	68	69
16	99	99	99	---	---	---	77	74	75	71	69	70
17	99	99	99	---	---	---	75	73	74	71	69	70
18	99	99	99	---	---	---	75	73	74	72	70	71
19	99	99	99	---	---	---	75	73	74	73	70	72
20	99	98	99	---	---	---	76	74	75	74	71	72
21	99	98	99	---	---	---	76	73	75	73	72	72
22	98	98	98	---	---	---	74	71	72	73	72	73
23	98	98	98	---	---	---	73	70	71	74	72	73
24	107	98	99	---	---	---	70	68	69	74	72	73
25	136	112	126	---	---	---	71	69	70	74	72	73
26	129	98	108	---	---	---	71	70	70	75	73	74
27	101	98	98	---	---	---	71	69	70	77	74	75
28	98	98	98	---	---	---	70	68	69	79	75	77
29	98	98	98	---	---	---	70	68	69	81	77	78
30	98	98	98	---	---	---	69	68	69	81	80	80
31	---	---	---	---	---	---	70	68	69	---	---	---
MONTH	136	98	101	99	98	99	108	68	79	81	65	70
YEAR	195	65	101									

WACCAMAW RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	24.5	24.5	15.5	14.5	15.0	15.0	14.5	15.0	14.0	13.0	13.5
2	25.5	24.5	25.0	15.5	15.0	15.5	15.0	14.5	15.0	13.0	12.5	13.0
3	25.5	25.0	25.0	17.5	16.0	16.5	15.5	15.0	15.5	12.5	12.0	12.5
4	25.5	25.0	25.5	18.5	17.5	18.0	16.0	15.5	16.0	12.5	12.0	12.0
5	26.5	25.5	25.5	18.5	18.0	18.5	15.5	14.5	15.0	12.0	12.0	12.0
6	25.5	25.0	25.5	18.5	18.0	18.5	14.5	13.5	14.0	12.0	11.5	12.0
7	26.0	25.5	25.5	18.5	18.0	18.5	13.5	13.0	13.0	12.5	12.0	12.0
8	26.0	25.5	26.0	18.5	17.5	18.0	13.0	12.5	13.0	12.5	12.0	12.5
9	26.0	25.5	26.0	17.5	17.0	17.5	12.5	11.5	12.0	11.5	11.0	11.5
10	26.0	25.5	26.0	17.5	16.5	17.0	11.5	11.5	11.5	10.5	10.5	10.5
11	26.0	25.5	25.5	16.0	15.0	16.0	11.5	11.0	11.0	11.5	10.5	11.0
12	25.0	24.5	25.0	15.5	14.5	15.0	11.5	11.0	11.0	11.5	11.5	11.5
13	26.0	24.5	25.0	17.0	14.5	15.5	12.0	11.0	11.5	11.5	11.5	11.5
14	26.0	25.5	26.0	16.5	15.0	16.0	12.0	11.5	12.0	11.5	11.0	11.0
15	26.5	25.5	26.0	15.5	14.0	15.0	12.0	11.5	12.0	11.0	10.5	11.0
16	26.5	25.0	26.0	14.5	14.5	14.5	12.5	11.5	12.0	12.0	11.0	11.5
17	25.0	24.5	24.5	14.5	14.5	14.5	12.5	12.0	12.5	12.0	11.5	11.5
18	24.5	24.0	24.5	14.5	14.0	14.0	13.0	12.5	13.0	11.5	11.0	11.5
19	24.0	22.5	23.5	14.0	13.5	13.5	14.0	13.5	13.5	11.0	11.0	11.0
20	22.5	21.0	22.0	13.5	13.0	13.5	14.0	13.5	14.0	11.0	11.0	11.0
21	21.5	21.0	21.0	13.5	13.0	13.0	14.0	13.5	14.0	11.0	11.0	11.0
22	22.0	21.0	21.5	13.5	13.0	13.0	14.5	14.0	14.5	11.0	10.0	10.5
23	22.0	21.5	22.0	13.5	13.0	13.5	15.5	14.5	15.0	10.0	9.0	9.5
24	22.0	21.5	21.5	14.0	13.5	13.5	16.0	15.5	15.5	9.0	8.5	9.0
25	21.5	21.0	21.5	14.0	13.5	14.0	15.0	14.5	14.5	8.5	8.0	8.5
26	21.0	19.0	20.0	14.5	14.0	14.0	14.5	13.5	14.0	8.0	8.0	8.0
27	19.0	18.0	18.5	14.5	14.0	14.5	13.5	12.5	13.0	8.0	7.5	7.5
28	18.5	17.5	18.0	15.5	14.5	15.0	12.5	12.0	12.5	8.0	7.5	8.0
29	18.0	16.5	17.0	16.0	15.5	16.0	12.0	11.5	12.0	8.5	8.0	8.5
30	16.5	15.5	16.0	16.0	15.0	15.5	13.0	12.0	12.5	9.5	9.0	9.0
31	15.5	15.0	15.0	---	---	---	14.0	13.0	13.5	10.5	9.5	10.0
MONTH	26.5	15.0	23.0	18.5	13.0	15.5	16.0	11.0	13.5	14.0	7.5	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	10.0	10.0	12.5	11.5	12.0	19.0	18.0	18.5	23.5	22.5	23.0
2	10.0	9.5	10.0	13.0	12.5	12.5	19.0	18.0	18.5	24.0	23.0	23.5
3	10.5	10.0	10.5	13.0	13.0	13.0	18.5	18.0	18.0	24.0	23.5	23.5
4	10.5	10.5	10.5	14.0	13.0	13.5	18.5	18.0	18.0	23.5	23.0	23.5
5	11.0	10.5	10.5	13.5	13.0	13.5	18.5	18.0	18.5	23.0	23.0	23.0
6	11.5	11.0	11.0	13.5	13.0	13.5	19.0	18.0	18.5	23.5	23.0	23.0
7	12.0	11.5	11.5	14.5	13.5	14.0	19.5	18.5	19.0	24.0	23.5	23.5
8	12.0	12.0	12.0	14.5	13.5	14.5	20.0	19.5	19.5	24.0	23.5	24.0
9	12.0	11.5	11.5	13.5	13.5	13.5	20.5	20.0	20.0	24.0	23.5	23.5
10	12.0	11.5	11.5	13.5	13.0	13.0	21.5	20.5	21.0	24.5	23.0	23.5
11	12.0	11.5	11.5	12.5	12.0	12.5	22.0	21.0	21.5	24.5	24.0	24.5
12	11.5	11.0	11.0	12.5	12.0	12.5	21.5	20.5	21.0	24.5	24.0	24.5
13	11.0	10.5	11.0	12.5	12.0	12.0	21.0	20.0	20.5	24.5	24.0	24.5
14	12.5	11.0	11.5	13.0	12.0	12.0	21.0	20.5	21.0	24.5	24.0	24.5
15	12.0	10.0	11.5	13.0	12.5	13.0	21.5	21.0	21.0	25.0	24.5	24.5
16	10.0	8.5	9.0	13.0	12.5	13.0	22.0	21.5	21.5	25.5	25.0	25.0
17	8.5	8.0	8.0	12.5	12.5	12.5	22.0	21.5	22.0	26.0	25.0	25.5
18	9.0	8.5	8.5	13.5	12.5	13.0	23.0	22.0	22.5	26.5	26.0	26.0
19	10.5	9.0	9.5	14.0	13.5	14.0	22.5	22.0	22.5	26.0	25.0	25.5
20	12.0	10.5	11.0	14.5	14.0	14.0	22.0	21.0	21.5	25.0	24.5	24.5
21	13.0	12.0	12.5	15.5	14.5	15.0	21.0	20.0	20.5	25.0	24.0	24.5
22	14.5	13.0	13.5	17.0	15.5	16.0	20.0	19.5	20.0	25.0	24.5	25.0
23	14.5	14.0	14.0	18.0	17.0	17.5	20.0	19.5	20.0	25.0	24.5	24.5
24	13.5	12.5	13.0	19.0	18.0	18.5	21.0	20.0	20.5	24.5	24.5	24.5
25	13.0	12.5	13.0	19.0	18.5	18.5	21.0	20.0	20.5	25.5	24.0	25.0
26	13.0	12.5	13.0	19.5	18.5	19.0	20.5	19.5	20.0	26.0	25.0	25.5
27	12.5	11.5	12.0	20.0	19.0	19.5	20.0	19.5	20.0	26.5	25.5	26.0
28	12.0	11.0	11.5	20.0	19.5	19.5	21.5	20.0	20.5	27.0	26.5	26.5
29	---	---	---	20.5	19.5	20.0	22.5	21.0	21.5	27.5	27.0	27.0
30	---	---	---	20.5	19.5	20.0	23.0	22.5	22.5	28.0	27.0	27.5
31	---	---	---	19.5	18.5	19.0	---	---	---	28.0	27.5	28.0
MONTH	14.5	8.0	11.0	20.5	11.5	15.0	23.0	18.0	20.5	28.0	22.5	24.5

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

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, 136 microsiemens, Oct. 11; minimum, 68 microsiemens, Apr. 12.

WATER TEMPERATURE: Maximum, 30.5°C, July 27; minimum, 7.0°C, Jan. 27.

DISSOLVED OXYGEN: Maximum, 9.2 mg/L, Jan. 20; minimum, 1.1 mg/L, Sept. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	121	118	119	100	89	95	120	112	117	112	108	110
2	122	120	121	91	81	87	119	106	115	110	104	106
3	123	121	122	83	77	80	115	107	111	109	103	105
4	124	122	123	80	76	78	125	104	115	111	108	109
5	125	123	124	79	74	76	105	96	100	108	104	106
6	125	123	124	78	73	75	112	101	107	106	103	104
7	127	124	126	79	74	76	113	107	111	108	105	106
8	130	126	128	82	74	76	110	105	108	107	105	106
9	132	129	130	81	76	78	106	101	104	107	104	105
10	133	130	131	84	72	75	111	104	106	106	104	105
11	136	123	129	123	88	111	116	107	111	107	103	105
12	127	122	125	126	123	124	116	111	113	103	99	101
13	122	114	118	132	120	126	124	108	114	108	102	106
14	112	109	110	129	119	123	126	118	122	109	107	108
15	113	111	113	124	118	121	126	122	125	109	106	108
16	113	112	113	125	117	121	123	115	118	109	105	108
17	114	112	113	125	115	120	126	121	123	110	104	108
18	114	110	112	127	118	122	124	120	123	107	104	106
19	117	107	110	119	108	115	121	118	119	105	103	104
20	119	112	115	118	108	114	122	118	119	105	94	97
21	118	111	114	121	109	116	125	118	122	96	89	92
22	119	106	113	122	111	118	121	118	120	88	86	87
23	114	101	106	123	111	118	122	120	121	86	82	84
24	117	99	105	126	110	117	121	118	120	83	80	81
25	98	86	90	121	115	118	120	117	118	81	79	80
26	112	83	90	121	114	118	118	115	118	80	79	80
27	107	83	88	122	117	119	116	113	115	81	79	80
28	85	80	81	124	114	118	113	110	112	81	79	80
29	90	81	85	125	111	118	112	108	110	80	78	79
30	98	88	92	120	113	117	112	109	111	80	76	78
31	98	89	92	---	---	---	113	108	109	78	75	77
MONTH	136	80	112	132	72	106	126	96	115	112	75	97

LITTLE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	79	75	77	88	87	87	89	82	83	79	75	76
2	78	75	76	89	87	88	87	82	84	77	73	74
3	79	76	77	89	87	88	86	83	85	74	72	73
4	78	77	77	91	89	90	86	84	85	75	73	73
5	79	77	78	89	86	88	87	85	86	75	74	75
6	79	77	78	88	86	87	87	85	86	76	74	75
7	81	78	79	90	85	86	87	86	86	76	73	75
8	81	79	80	86	83	84	87	86	87	75	73	73
9	81	79	80	84	83	84	87	84	86	76	75	76
10	81	78	79	84	83	83	86	80	83	76	74	75
11	81	79	80	83	81	82	85	78	81	77	75	76
12	80	79	79	82	81	81	78	68	75	77	74	75
13	80	78	79	82	78	81	76	75	75	77	74	75
14	81	79	80	79	77	78	77	76	76	77	74	75
15	81	79	80	77	75	76	83	76	79	75	74	74
16	83	80	81	76	73	74	87	80	83	76	74	75
17	82	80	81	75	73	74	89	85	87	76	74	75
18	84	81	82	77	73	75	90	86	88	77	75	76
19	84	81	82	78	75	77	89	86	88	77	75	76
20	87	81	82	79	77	78	87	85	86	77	75	76
21	87	82	83	79	78	78	88	86	87	78	77	77
22	89	82	84	80	78	79	87	85	86	78	77	78
23	85	83	84	81	79	80	86	85	85	80	78	79
24	86	83	84	81	80	80	85	83	84	82	79	81
25	86	83	84	82	80	81	85	84	84	83	81	82
26	88	84	86	83	81	82	86	84	85	85	82	83
27	87	85	86	83	81	82	88	83	85	84	83	84
28	88	86	87	84	81	83	84	79	81	86	83	85
29	---	---	---	88	81	83	79	77	78	88	85	87
30	---	---	---	87	82	84	80	76	78	90	83	87
31	---	---	---	86	83	84	---	---	---	85	83	84
MONTH	89	75	81	91	73	82	90	68	83	90	72	78
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	84	83	84	107	104	105	123	117	119	72	70	71
2	86	83	84	109	105	107	119	112	116	72	70	70
3	86	84	85	110	107	109	117	114	115	72	70	70
4	88	85	86	112	109	110	121	117	118	72	70	71
5	88	86	87	112	108	110	124	121	122	71	71	71
6	88	86	86	115	111	113	120	112	117	72	71	72
7	88	87	87	113	111	112	111	104	106	74	71	72
8	88	87	87	114	111	112	103	99	100	78	73	75
9	88	87	88	113	111	112	100	96	98	75	74	75
10	90	87	88	112	107	109	100	97	98	76	75	75
11	91	88	90	111	104	107	99	95	97	78	76	77
12	92	90	91	107	103	105	99	93	95	79	73	75
13	93	90	92	106	103	104	96	88	93	77	74	75
14	92	90	91	105	103	104	93	84	87	88	75	80
15	94	91	92	106	101	103	85	82	83	87	77	81
16	97	93	94	104	101	103	83	81	82	78	77	77
17	95	93	94	105	101	103	81	78	80	78	77	77
18	97	94	95	103	101	102	80	77	78	78	77	77
19	97	96	96	107	102	104	78	76	76	77	75	76
20	98	96	97	110	106	107	77	76	76	78	76	77
21	100	97	98	114	111	112	77	73	76	78	76	77
22	102	98	100	114	112	113	76	73	74	78	77	78
23	104	102	103	115	113	114	75	73	74	79	73	78
24	104	100	101	116	114	115	75	73	74	76	72	73
25	100	98	99	119	114	115	76	74	75	73	71	72
26	105	99	103	122	115	117	77	75	76	80	72	74
27	105	103	104	119	117	118	77	76	76	75	73	74
28	104	102	103	119	118	119	76	76	76	78	75	77
29	103	102	103	119	117	118	77	76	76	80	78	79
30	104	102	103	118	117	117	77	76	76	82	78	80
31	---	---	---	119	117	118	77	71	74	---	---	---
MONTH	105	83	94	122	101	110	124	71	90	88	70	75
YEAR	136	68	94									

LITTLE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

LITTLE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

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 January 1991 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to January 1991 (discontinued).

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

REMARKS.--Prior to Oct. 1, 1990, values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 64,200 microsiemens, Sept. 25, 1984; minimum, 79 microsiemens, Oct. 30, 1990.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 42,800 microsiemens, Oct. 10; minimum, 79 microsiemens, Oct. 30, 1990.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23800	369	9450	1500	90	249	26900	204	7020	28100	144	5910
2	26300	503	11200	722	90	272	29200	180	7060	---	---	---
3	---	---	---	---	---	---	36600	194	11800	13400	134	2110
4	---	---	---	---	---	---	24000	170	5310	10600	146	2340
5	34300	603	15900	400	100	258	14400	140	2880	---	---	---
6	---	---	---	---	---	---	23700	180	6690	---	---	---
7	40400	1460	20000	---	---	---	16400	180	5660	---	---	---
8	39000	1040	19200	---	---	---	10800	172	3650	---	---	---
9	39600	940	19200	---	---	---	8080	138	1780	---	---	---
10	42800	3920	25600	94	80	88	7390	150	1510	---	---	---
11	37600	292	15200	86	80	83	3990	148	1200	---	---	---
12	11300	252	2940	122	82	105	8040	138	1270	---	---	---
13	11400	211	2750	136	122	128	1860	124	467	---	---	---
14	8240	169	2080	194	122	137	5610	120	1210	---	---	---
15	4240	179	1040	484	126	167	10100	140	1940	---	---	---
16	4060	153	1090	656	124	198	4430	140	809	---	---	---
17	9680	155	1760	672	126	208	13800	134	2450	---	---	---
18	8620	154	1400	6480	124	815	12600	156	2260	---	---	---
19	2400	137	501	7380	130	971	9710	172	2090	---	---	---
20	5040	134	683	6260	128	785	20100	160	4470	---	---	---
21	1480	120	344	7150	136	1210	8590	140	2140	---	---	---
22	965	116	227	4990	118	739	7620	120	1390	---	---	---
23	145	107	123	5410	122	847	6380	140	1570	---	---	---
24	144	103	118	7930	126	1190	4360	170	915	---	---	---
25	130	105	112	4060	138	989	8940	166	2190	---	---	---
26	129	85	104	5420	140	922	12300	172	2440	---	---	---
27	104	82	93	4450	148	1180	8770	162	1960	---	---	---
28	380	82	138	9850	158	1840	8330	156	1510	---	---	---
29	380	81	157	10200	162	1680	11100	160	2040	---	---	---
30	380	79	202	22100	138	5830	19800	140	3590	---	---	---
31	400	87	199	---	---	---	15600	120	3080	---	---	---
MONTH	42800	79	5420	22100	80	870	36600	120	3040	28100	134	3450

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, 10,700 microsiemens, Oct. 10; minimum, 77 microsiemens, Jan. 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	334	151	193	108	90	97	326	144	191	200	124	149
2	370	151	215	125	91	101	280	140	191	140	124	132
3	976	155	295	110	90	99	926	136	334	138	124	131
4	2100	173	644	97	84	89	182	138	160	138	124	131
5	1060	167	454	---	---	---	158	134	146	134	118	127
6	---	---	---	---	---	---	268	136	181	126	116	122
7	---	---	---	---	---	---	168	130	149	124	116	120
8	2920	180	850	---	---	---	174	124	138	128	114	120
9	2740	186	774	---	---	---	134	118	128	126	114	120
10	10700	197	2160	---	---	---	140	128	135	128	116	121
11	2700	173	685	---	---	---	144	128	135	128	114	121
12	180	148	161	---	---	---	140	124	130	124	113	118
13	163	133	144	---	---	---	138	124	130	129	115	122
14	156	129	141	---	---	---	140	128	135	129	111	120
15	173	138	154	---	---	---	150	134	140	125	111	118
16	176	124	153	146	130	138	144	128	137	126	114	119
17	164	115	139	144	130	136	156	138	145	136	114	121
18	157	115	135	144	130	138	156	140	148	126	114	120
19	146	110	132	146	126	137	156	136	147	120	110	115
20	149	124	134	146	130	138	174	138	152	119	103	111
21	143	119	127	146	124	135	152	140	147	111	101	105
22	141	121	129	134	116	124	152	138	146	105	93	100
23	142	116	123	136	122	129	152	138	145	103	88	94
24	125	111	117	138	122	130	150	138	144	92	86	88
25	121	110	114	144	126	134	156	136	146	92	80	88
26	119	94	103	146	134	139	156	138	145	90	78	87
27	104	90	97	152	136	145	148	134	140	90	80	87
28	121	90	102	152	138	148	146	128	137	89	77	83
29	103	86	90	152	136	147	144	128	135	94	81	86
30	100	84	90	196	140	162	146	124	135	86	78	83
31	108	91	97	---	---	---	150	124	137	96	80	87
MONTH	10700	84	302	196	84	130	926	118	152	200	77	111

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.--Prior to Oct. 1, 1990, values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 26,400 microsiemens, Oct. 10; minimum, 80 microsiemens, Nov. 8, Jan. 27, 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7140	160	1130	160	102	111	6210	172	961	3290	122	579
2	8800	167	1850	152	105	116	4840	170	793	792	124	190
3	12300	175	2630	153	103	113	10100	166	1870	1040	122	206
4	17000	216	4280	109	94	100	4590	165	569	566	122	178
5	13400	188	3460	125	86	95	1620	158	316	188	116	140
6	21400	210	7360	111	82	90	6040	158	946	160	114	124
7	21000	238	5220	101	81	86	3560	152	516	158	114	122
8	20000	227	5040	94	80	84	475	135	203	156	114	126
9	19200	224	4920	142	93	101	205	134	155	150	114	124
10	26400	284	8980	167	99	106	215	137	154	150	114	126
11	21400	168	4330	112	92	99	203	132	151	2560	114	347
12	343	152	196	147	114	134	212	126	144	168	108	119
13	235	138	167	183	145	155	180	125	136	148	116	126
14	198	137	152	208	150	160	277	127	148	168	112	127
15	181	143	155	224	144	162	540	131	175	140	114	121
16	200	131	150	171	145	152	188	123	139	200	112	128
17	273	128	151	166	145	153	962	130	221	192	116	130
18	254	130	150	188	144	158	897	133	203	180	114	127
19	175	126	141	203	147	158	475	125	173	166	114	124
20	171	125	141	208	142	156	2940	129	446	152	106	112
21	160	119	131	226	140	158	316	127	161	122	96	102
22	148	122	129	222	138	156	280	140	163	128	94	103
23	171	115	123	184	140	152	230	136	158	122	86	95
24	149	109	119	202	144	160	226	134	152	126	82	90
25	125	106	116	202	148	160	326	138	169	130	82	90
26	133	96	108	216	152	168	612	136	192	134	82	89
27	118	93	99	236	158	175	658	130	185	136	80	87
28	121	95	105	848	160	224	370	128	158	128	80	86
29	108	91	95	902	158	232	966	126	219	122	82	94
30	108	92	96	1580	166	447	1710	126	316	130	92	98
31	144	100	105	---	---	---	1480	124	265	102	94	96
MONTH	26400	91	1670	1580	80	151	10100	123	341	3290	80	142

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.--Specific conductance 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, 51,800 microsiemens, July 12; minimum, 100 or less microsiemens, many days throughout the year.

WATER TEMPERATURE: Maximum, 32.5°C, July 14; minimum, 7.5°C, Jan. 26, 27.

DISSOLVED OXYGEN: Maximum, 8.9 mg/L, Jan. 11, 20, Feb. 16, Mar. 1, 15, July 24; minimum, 2.7 mg/L, Aug. 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	28000	700	13500	700	100	200	25700	400	8000	33000	200	9100
2	30900	1700	15500	9100	100	800	27400	200	8100	27600	300	4600
3	34500	2200	15900	4800	100	400	29600	300	11700	22700	100	4000
4	29800	6800	18500	3200	100	300	25600	400	6200	20500	200	4100
5	30400	2200	16400	4900	100	400	17800	200	4100	11800	100	3100
6	41400	6000	24700	400	100	100	26500	700	7800	8300	100	1300
7	40200	5700	22900	200	100	100	16300	400	6300	6700	100	1100
8	37600	4400	21600	100	100	100	16500	200	5400	14500	200	2200
9	35400	4200	20700	300	100	100	9100	200	2900	13900	100	2100
10	36500	10600	25800	900	100	200	11200	200	2600	11700	200	3500
11	31900	600	16500	100	100	100	5900	200	2000	24000	200	7000
12	13900	300	5200	100	100	100	13900	100	2500	11600	100	2100
13	15200	500	4700	200	100	100	5600	100	1000	5700	100	1200
14	13400	400	4100	400	100	200	12000	100	2500	11600	100	1800
15	10300	300	2200	1600	100	300	22200	200	3800	6300	100	1200
16	10400	200	2600	2000	100	300	10400	100	1800	7500	100	900
17	19700	100	4300	4100	100	600	22000	100	4200	2100	100	400
18	20600	200	3000	12400	100	1900	20200	200	3900	2900	100	400
19	7000	100	1400	18900	100	2500	18600	200	3600	2400	100	500
20	10500	100	1600	15800	100	2000	27400	300	7100	800	100	200
21	5200	100	900	13500	100	2400	13800	200	3700	200	100	100
22	3900	100	700	7700	100	1400	13400	200	2600	200	100	100
23	1000	100	100	13300	100	1800	7700	200	2500	200	100	100
24	400	100	100	13100	100	2300	11200	100	2000	100	100	100
25	1300	100	200	8800	100	2000	11700	200	3800	100	100	100
26	200	100	100	9100	100	1900	19700	200	4100	200	100	100
27	3100	100	300	7800	100	2300	18700	200	3700	100	100	100
28	1300	100	200	14400	100	3500	19600	200	3000	100	100	100
29	100	100	100	14700	100	2900	23400	100	4200	200	100	100
30	400	100	100	20600	100	6100	30600	200	6200	300	100	100
31	500	100	100	---	---	---	26300	200	5600	200	100	100
MONTH	41400	100	7900	20600	100	1200	30600	100	4400	33000	100	1700

LITTLE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	24.0	24.5	17.0	16.5	17.0	15.0	14.5	14.5	13.5	12.5	13.5
2	25.5	24.5	25.0	17.5	16.5	17.0	15.0	14.5	14.5	13.0	12.5	12.5
3	25.5	24.5	25.0	17.5	17.0	17.0	16.0	14.5	15.5	12.5	12.5	12.5
4	25.5	25.0	25.0	17.5	17.0	17.0	16.5	15.5	15.5	12.5	12.5	12.5
5	25.5	25.0	25.5	17.5	17.0	17.5	14.5	14.0	14.5	12.5	12.0	12.5
6	25.5	24.5	25.0	18.0	17.0	17.5	14.0	13.5	13.5	13.0	12.0	12.5
7	26.0	24.5	25.5	17.5	17.0	17.0	13.5	13.5	13.5	13.0	12.0	12.5
8	26.5	25.0	25.5	17.0	16.5	17.0	13.5	12.5	13.0	12.5	11.5	12.0
9	26.5	25.0	26.0	16.5	16.0	16.0	13.0	12.0	12.5	12.0	11.0	11.5
10	26.0	25.5	25.5	17.0	16.5	16.5	12.5	12.0	12.5	11.5	11.0	11.0
11	25.5	25.0	25.0	16.5	15.5	16.0	12.5	12.0	12.5	11.5	11.0	11.0
12	25.5	24.5	25.0	16.5	15.5	16.0	12.5	12.0	12.0	12.0	11.5	12.0
13	26.0	25.0	25.5	16.0	15.5	16.0	12.5	12.0	12.5	12.0	11.5	11.5
14	26.0	25.0	25.5	15.5	15.0	15.0	12.5	12.0	12.5	11.5	11.0	11.5
15	25.5	25.0	25.5	15.5	14.5	15.0	12.5	12.0	12.0	11.5	10.5	11.0
16	25.0	24.5	25.0	15.5	14.5	15.0	13.0	12.0	12.5	12.5	11.5	12.0
17	25.0	24.0	24.5	15.0	14.5	15.0	13.0	12.5	13.0	12.5	11.5	12.0
18	24.5	24.0	24.5	14.5	14.0	14.5	14.0	12.5	13.5	12.0	11.5	11.5
19	24.0	22.5	23.5	14.0	13.5	14.0	15.0	14.0	14.5	11.5	11.0	11.0
20	22.5	21.5	22.0	14.0	13.0	13.5	14.5	14.0	14.0	11.5	11.0	11.0
21	22.5	21.0	22.0	14.0	13.5	13.5	15.0	14.0	14.5	11.5	11.0	11.0
22	22.5	21.5	22.0	14.0	13.0	13.5	15.5	14.5	15.0	11.0	10.0	10.5
23	22.5	21.5	22.0	14.0	13.5	13.5	16.5	15.0	15.5	10.0	9.0	9.5
24	22.0	21.5	21.5	14.5	13.5	14.0	16.0	15.0	15.5	9.5	8.5	9.0
25	21.5	21.0	21.5	14.5	13.5	14.0	15.0	14.0	14.5	8.5	8.0	8.5
26	21.0	19.5	20.0	15.0	14.0	14.5	14.0	13.0	13.5	8.5	7.5	8.0
27	19.5	18.5	19.0	15.0	14.5	14.5	13.0	12.5	12.5	8.5	7.5	8.0
28	19.0	18.0	18.5	16.0	15.0	15.5	12.5	12.0	12.5	8.5	8.0	8.0
29	18.0	17.0	17.5	17.0	15.5	16.0	13.0	12.0	12.5	9.0	8.0	8.5
30	17.0	16.5	17.0	16.0	14.5	15.5	14.0	13.0	13.5	10.0	9.0	9.5
31	17.0	16.0	17.0	---	---	---	14.5	13.5	14.0	11.0	10.0	10.5
MONTH	26.5	16.0	23.0	18.0	13.0	15.5	16.5	12.0	13.5	13.5	7.5	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	10.5	10.5	14.0	12.5	13.5	19.5	18.0	19.0	25.0	23.5	24.0
2	11.0	10.0	10.5	14.0	13.5	14.0	20.0	18.5	19.0	25.5	23.5	24.5
3	11.0	10.0	10.5	14.0	14.0	14.0	19.5	18.5	19.0	25.0	23.5	24.5
4	11.5	10.0	10.5	14.0	13.5	14.0	19.5	18.0	19.0	24.5	23.5	23.5
5	11.5	10.5	11.0	14.5	13.0	14.0	20.0	18.5	19.0	24.0	23.5	23.5
6	12.0	11.0	11.5	14.5	13.5	14.0	20.5	19.0	19.5	25.0	23.5	24.0
7	12.0	11.5	12.0	16.0	14.0	14.5	21.0	19.5	20.0	25.0	24.0	24.5
8	12.0	12.0	12.0	15.0	14.0	14.5	21.5	20.0	21.0	25.0	24.0	24.5
9	13.0	11.5	12.5	14.5	13.5	14.0	21.5	20.5	21.0	24.5	23.5	24.0
10	12.5	12.0	12.5	14.0	13.5	13.5	22.0	20.5	21.0	24.5	23.5	24.0
11	12.5	12.0	12.0	14.0	13.0	13.5	21.5	20.0	21.0	25.0	23.5	24.0
12	12.5	11.5	12.0	13.5	13.0	13.5	21.0	20.5	21.0	---	---	---
13	12.5	11.5	12.0	13.5	13.5	13.5	21.0	20.0	20.5	---	---	---
14	13.0	12.0	12.5	14.5	13.0	14.0	21.5	20.0	20.5	---	---	---
15	12.0	10.0	11.5	14.5	13.5	14.0	22.0	20.5	21.0	26.5	25.5	26.0
16	10.5	9.5	10.0	14.0	13.5	14.0	22.5	21.0	21.5	27.0	25.5	26.0
17	10.0	9.5	9.5	13.5	13.0	13.5	23.0	21.0	22.0	27.5	26.0	26.5
18	10.5	10.0	10.0	14.5	13.0	13.5	23.5	21.5	22.5	27.5	26.0	27.0
19	11.5	10.0	10.5	15.0	13.5	14.0	23.0	21.5	22.0	27.0	25.5	26.5
20	13.0	11.0	11.5	15.5	14.0	14.5	21.5	21.0	21.5	25.5	25.0	25.0
21	13.5	12.0	12.5	16.0	14.5	15.0	21.5	21.0	21.0	25.0	24.0	24.5
22	14.0	13.0	13.5	17.0	15.5	16.0	21.0	20.0	20.5	25.0	24.0	24.5
23	14.0	13.0	14.0	18.0	16.5	17.0	21.0	20.5	20.5	24.5	24.0	24.5
24	13.5	12.5	13.0	19.0	17.5	18.0	21.5	20.5	21.0	24.0	23.0	23.5
25	13.0	12.5	13.0	19.0	18.0	18.5	21.0	20.5	21.0	26.0	23.0	25.0
26	13.5	12.5	13.0	19.5	18.5	19.0	21.5	20.5	21.0	27.5	25.5	26.5
27	13.5	12.0	13.0	20.5	19.0	20.0	22.0	20.5	21.5	28.0	26.5	27.5
28	13.5	12.5	13.0	20.5	19.5	20.0	23.0	21.5	22.5	28.5	27.5	28.0
29	---	---	---	20.5	20.0	20.0	24.0	22.5	23.5	29.0	27.5	28.5
30	---	---	---	20.5	19.5	20.0	25.0	23.5	24.0	29.5	28.0	29.0
31	---	---	---	19.5	18.5	19.0	---	---	---	30.0	28.5	29.0
MONTH	14.0	9.5	12.0	20.5	12.5	15.5	25.0	18.0	21.0	30.0	23.0	25.5

LITTLE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.5	5.0	5.9	5.9	5.5	5.8	7.9	7.5	7.7	8.8	8.0	8.4
2	6.4	5.0	5.8	6.0	5.5	5.8	8.0	7.5	7.8	8.6	8.2	8.4
3	6.4	5.2	5.8	6.1	5.4	5.8	8.6	7.5	7.9	8.6	8.1	8.3
4	6.3	5.6	6.0	6.4	5.8	6.1	8.1	7.7	7.9	8.6	8.1	8.3
5	6.3	5.2	6.0	6.4	5.9	6.2	8.1	7.5	7.8	8.6	8.1	8.3
6	6.4	5.6	6.0	6.2	5.9	6.0	8.5	7.7	8.0	8.3	8.0	8.2
7	6.7	5.6	6.1	6.3	5.9	6.0	8.3	7.8	8.0	8.2	7.9	8.1
8	6.7	5.7	6.0	6.4	5.7	6.0	8.4	8.2	8.3	8.6	8.1	8.3
9	6.7	5.8	6.1	6.4	5.7	6.1	8.5	8.1	8.3	8.5	8.1	8.3
10	6.4	5.7	6.0	6.7	6.2	6.4	8.4	7.8	8.2	8.5	8.1	8.3
11	6.6	5.7	6.2	6.3	5.8	6.2	8.3	7.9	8.1	8.9	8.2	8.6
12	6.7	5.9	6.5	5.8	4.6	5.4	8.3	8.0	8.1	8.5	8.2	8.4
13	6.6	5.5	6.4	5.0	4.5	4.8	8.1	7.9	8.1	8.5	8.2	8.3
14	6.3	5.5	6.1	5.2	4.6	4.9	8.3	7.9	8.2	8.4	8.2	8.3
15	6.2	5.4	5.9	5.2	4.8	5.1	8.5	8.2	8.3	8.6	8.3	8.5
16	6.2	5.6	5.9	5.2	4.8	5.0	8.4	8.1	8.3	8.7	8.3	8.5
17	5.9	5.3	5.7	5.8	4.9	5.4	8.5	8.1	8.3	8.4	8.2	8.3
18	6.2	5.3	5.8	6.4	5.4	5.9	8.4	8.1	8.3	8.3	8.1	8.2
19	6.3	5.4	6.0	6.6	6.0	6.3	8.5	8.2	8.3	8.5	8.1	8.3
20	6.3	5.6	6.0	6.8	6.1	6.3	8.6	8.2	8.4	8.9	8.4	8.6
21	6.2	5.6	5.9	6.8	6.0	6.3	8.5	8.2	8.3	8.7	8.2	8.5
22	5.9	5.2	5.6	6.6	6.3	6.4	8.3	8.0	8.1	8.5	8.3	8.4
23	5.9	5.3	5.5	6.9	6.4	6.6	8.2	7.9	8.0	8.4	8.2	8.3
24	5.7	5.2	5.4	7.1	6.6	6.9	8.2	7.8	8.0	8.5	8.2	8.3
25	5.7	5.0	5.2	7.3	7.0	7.1	8.3	7.9	8.1	8.6	8.4	8.5
26	6.0	5.2	5.6	7.3	7.0	7.2	8.3	7.9	8.1	8.6	8.4	8.5
27	5.7	5.2	5.5	7.3	7.0	7.2	8.4	8.0	8.3	8.6	8.4	8.5
28	5.8	5.3	5.5	7.5	7.0	7.3	8.6	7.9	8.2	8.6	8.4	8.5
29	5.9	5.3	5.6	7.5	7.2	7.4	8.7	7.8	8.1	8.5	8.3	8.4
30	6.0	5.4	5.7	7.7	7.2	7.5	8.6	7.7	8.1	8.6	8.4	8.5
31	6.0	5.6	5.8	---	---	---	8.5	7.9	8.1	8.5	8.1	8.3
MONTH	6.7	5.0	5.9	7.7	4.5	6.2	8.7	7.5	8.1	8.9	7.9	8.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.3	8.1	8.2	8.9	8.0	8.4	6.6	6.2	6.4	5.6	5.2	5.4
2	8.3	7.9	8.2	8.6	8.3	8.5	6.5	6.0	6.2	5.4	4.9	5.2
3	8.1	7.6	7.9	8.8	8.3	8.5	6.4	5.7	6.0	5.3	4.8	5.0
4	7.8	7.6	7.7	8.8	8.5	8.7	6.7	6.1	6.4	5.1	4.7	4.9
5	7.7	7.5	7.7	8.6	8.1	8.4	6.6	6.0	6.3	5.0	4.7	4.8
6	7.6	7.5	7.6	8.3	7.9	8.1	6.2	5.8	6.0	5.5	4.9	5.1
7	7.7	7.5	7.6	8.2	7.9	8.1	6.1	5.8	6.0	5.3	5.0	5.1
8	7.8	7.5	7.6	8.3	8.0	8.1	6.1	5.9	6.0	5.4	5.0	5.2
9	7.8	7.4	7.6	8.3	8.0	8.1	6.1	5.6	5.9	5.8	5.2	5.5
10	7.4	7.2	7.3	8.4	8.0	8.2	6.0	5.5	5.8	5.6	5.3	5.5
11	7.3	7.1	7.2	8.2	7.9	8.1	6.1	5.6	5.9	5.8	5.1	5.4
12	7.5	7.1	7.2	8.3	8.0	8.1	6.4	5.7	6.1	5.4	5.1	5.3
13	7.6	7.2	7.4	8.5	8.1	8.3	6.4	6.1	6.3	5.4	5.0	5.2
14	8.1	7.6	7.8	---	---	---	6.4	5.9	6.1	5.8	5.1	5.2
15	8.7	8.0	8.3	8.9	8.2	8.5	6.0	5.6	5.8	5.3	5.0	5.2
16	8.9	8.4	8.6	8.4	8.0	8.2	5.7	5.1	5.5	5.8	5.0	5.2
17	8.7	8.3	8.6	8.3	7.9	8.1	5.4	4.5	4.8	5.3	4.9	5.1
18	8.7	8.3	8.4	8.4	7.9	8.2	5.3	4.1	4.6	5.2	4.8	5.0
19	8.4	8.2	8.3	8.0	7.6	7.8	5.5	4.7	5.0	5.5	5.0	5.2
20	8.5	8.3	8.4	7.8	7.1	7.4	5.6	4.7	5.2	5.8	5.4	5.6
21	8.4	8.2	8.3	7.2	6.7	7.0	5.2	4.3	4.8	5.9	5.7	5.8
22	8.4	8.0	8.2	7.0	6.7	6.9	4.9	4.4	4.6	5.9	5.5	5.7
23	8.6	8.1	8.4	7.0	6.6	6.8	5.0	4.7	4.9	5.8	5.4	5.6
24	8.8	8.3	8.5	6.8	6.4	6.6	5.2	4.7	4.9	5.7	5.4	5.6
25	8.7	8.1	8.4	6.7	6.4	6.6	5.6	4.7	5.1	5.7	5.3	5.5
26	8.7	8.0	8.2	6.4	6.1	6.3	5.8	5.2	5.5	5.7	5.2	5.5
27	8.4	7.9	8.2	6.3	6.0	6.2	6.0	5.4	5.6	5.6	5.3	5.4
28	8.8	8.0	8.3	6.5	6.2	6.4	5.8	5.2	5.5	5.5	5.3	5.4
29	---	---	---	7.1	6.2	6.4	5.5	5.0	5.3	5.5	5.2	5.3
30	---	---	---	6.8	6.5	6.6	5.8	5.2	5.4	5.3	5.1	5.2
31	---	---	---	6.8	6.4	6.6	---	---	---	5.2	5.0	5.1
MONTH	8.9	7.1	8.0	8.9	6.0	7.6	6.7	4.1	5.6	5.9	4.7	5.3

LITTLE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.2	4.9	5.0	7.2	5.7	6.5	7.3	4.7	6.5	4.3	3.3	3.9
2	5.1	4.7	4.9	7.3	5.5	6.6	7.0	5.4	6.5	4.9	4.2	4.5
3	5.2	4.8	5.0	7.3	5.7	6.6	7.1	5.4	6.4	4.8	4.5	4.7
4	5.3	4.7	5.1	7.2	5.7	6.6	6.7	5.0	6.2	4.7	4.3	4.5
5	5.7	5.0	5.4	7.0	5.2	6.6	6.3	4.3	5.8	4.4	4.0	4.2
6	5.9	5.4	5.7	6.7	5.3	6.3	5.8	4.7	5.2	4.3	3.7	4.0
7	6.2	5.6	6.0	6.4	5.7	6.1	5.1	4.1	4.7	4.4	3.6	3.9
8	6.3	5.8	6.1	6.2	5.1	5.9	4.8	4.2	4.5	4.9	3.9	4.3
9	6.2	5.9	6.1	6.2	4.8	5.8	5.1	4.3	4.6	4.7	4.3	4.5
10	6.5	5.8	6.2	6.7	5.0	6.0	4.8	4.0	4.5	4.6	4.3	4.4
11	7.0	6.0	6.4	6.8	5.4	6.1	4.6	4.1	4.3	4.5	4.1	4.4
12	7.2	6.2	6.6	6.6	5.2	5.9	4.9	3.9	4.4	4.4	3.8	4.2
13	7.6	6.4	6.7	6.9	5.2	6.0	4.5	4.1	4.4	4.2	3.6	4.0
14	7.3	6.3	6.8	7.4	5.3	6.2	4.1	3.3	3.7	4.3	3.4	3.9
15	7.3	6.4	6.7	6.8	5.0	6.3	3.4	2.9	3.2	4.4	3.4	3.9
16	7.1	6.4	6.7	6.7	5.0	6.1	3.3	2.7	3.0	4.2	3.6	3.9
17	6.9	6.4	6.6	7.4	5.3	6.5	3.4	2.8	3.0	4.0	3.5	3.8
18	7.0	6.3	6.6	7.3	5.7	6.7	3.6	3.1	3.3	4.3	3.6	3.9
19	6.5	6.2	6.4	7.3	5.6	6.8	3.6	3.1	3.3	4.3	3.8	4.0
20	6.5	5.7	6.3	7.3	6.1	6.7	3.6	3.1	3.4	4.9	4.1	4.6
21	6.4	5.9	6.2	7.5	5.5	6.6	3.3	2.9	3.1	5.5	4.7	5.1
22	6.5	5.8	6.3	8.0	5.6	6.8	3.1	2.8	2.9	5.8	5.2	5.5
23	6.7	5.7	6.4	8.7	6.0	7.1	3.4	2.9	3.2	5.7	5.2	5.5
24	7.1	6.1	6.7	8.9	5.7	7.2	4.1	3.4	3.8	5.6	5.1	5.4
25	7.3	6.4	6.9	8.7	5.0	7.0	4.4	3.9	4.1	5.8	5.3	5.5
26	7.0	6.2	6.7	7.2	4.9	6.3	4.3	4.0	4.1	5.8	5.2	5.5
27	7.1	6.2	6.7	7.0	4.4	6.1	4.2	3.8	4.0	5.8	5.1	5.4
28	6.9	5.8	6.6	6.6	4.2	5.4	3.9	3.5	3.7	6.0	5.2	5.6
29	6.7	5.7	6.4	7.2	3.4	5.7	3.8	3.4	3.6	6.0	5.4	5.7
30	6.7	5.7	6.3	7.0	4.7	6.1	3.7	3.3	3.5	6.1	5.5	5.8
31	---	---	---	7.6	5.3	6.6	3.9	3.3	3.6	---	---	---
MONTH	7.6	4.7	6.2	8.9	3.4	6.4	7.3	2.7	4.2	6.1	3.3	4.6
YEAR	8.9	2.7	6.4									

Note: Dissolved oxygen concentrations are not corrected for salinity.

WACCAMAW RIVER BASIN

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, 146 microsiemens, Oct. 4; minimum, 60 microsiemens, Nov. 8, Sept. 6 - 13.

WATER TEMPERATURE: Maximum, 30.5°C, July 26, 27; minimum, 8.0°C, Jan. 26 - 29.

DISSOLVED OXYGEN: Maximum, 8.8 mg/L, Jan. 9; minimum, 1.6 mg/L, Sept. 11 - 14.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	144	124	130	79	70	77	---	---	---	103	85	93
2	142	126	133	76	73	75	---	---	---	96	84	90
3	143	127	134	75	72	73	---	---	---	102	86	94
4	146	130	137	73	70	72	---	---	---	99	85	92
5	141	129	134	71	69	70	---	---	---	93	85	89
6	137	130	135	69	67	68	---	---	---	98	80	92
7	136	131	134	69	67	68	---	---	---	98	90	95
8	136	130	133	69	60	67	---	---	---	99	90	94
9	139	131	134	69	67	68	---	---	---	98	88	95
10	142	132	137	71	67	69	---	---	---	100	97	99
11	139	118	129	98	68	86	---	---	---	100	93	95
12	118	113	115	103	97	99	---	---	---	97	94	95
13	115	107	112	104	100	102	---	---	---	105	96	100
14	113	108	110	103	90	99	---	---	---	108	105	106
15	113	109	110	101	81	95	---	---	---	111	102	107
16	112	104	109	103	85	95	---	---	---	106	95	101
17	111	93	103	104	89	98	---	---	---	109	95	102
18	104	87	97	105	85	94	110	94	101	109	83	99
19	107	90	100	94	84	88	109	95	102	95	82	92
20	104	86	95	96	84	89	112	93	102	96	86	92
21	99	83	90	95	84	89	111	95	102	99	91	97
22	95	83	88	95	86	89	114	100	108	99	90	96
23	88	77	84	99	80	91	113	98	108	99	95	97
24	82	76	79	105	89	96	113	101	109	100	88	95
25	81	76	79	103	90	96	113	100	108	99	88	96
26	78	75	77	104	92	98	110	92	101	102	96	99
27	77	75	76	103	91	97	108	91	98	101	86	97
28	78	77	77	102	91	95	102	90	97	96	92	94
29	78	77	78	---	---	---	105	90	97	95	85	91
30	79	77	78	---	---	---	104	88	96	90	79	84
31	79	77	78	---	---	---	102	86	95	81	65	73
MONTH	146	75	107	105	60	86	114	86	102	111	65	95

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.8	5.1	5.4	5.2	4.7	5.0	6.9	6.2	6.6	8.7	7.5	8.2
2	5.7	5.1	5.4	5.5	5.0	5.3	7.2	6.3	6.7	8.5	7.9	8.2
3	5.6	5.0	5.3	5.6	5.0	5.4	7.5	6.2	6.9	8.4	7.6	8.0
4	5.9	4.9	5.4	5.5	5.1	5.3	7.3	6.0	6.7	8.5	7.6	8.1
5	5.7	4.7	5.2	5.4	5.0	5.2	6.7	6.0	6.3	8.6	7.9	8.2
6	6.0	4.9	5.4	5.4	5.0	5.2	6.5	6.2	6.4	8.4	7.6	8.1
7	5.7	4.9	5.2	5.3	4.9	5.1	7.0	6.3	6.5	8.3	7.6	7.8
8	5.6	4.7	5.1	5.5	5.1	5.3	7.6	6.7	7.0	8.6	7.5	8.2
9	5.6	4.6	5.1	5.9	5.3	5.5	7.4	6.7	7.0	8.8	7.6	8.1
10	6.0	4.7	5.3	5.9	5.0	5.6	7.5	6.8	7.1	8.3	7.4	7.8
11	6.3	5.0	5.8	4.5	3.1	3.5	7.5	6.8	7.1	8.7	7.7	8.4
12	4.9	4.3	4.6	3.1	2.7	2.9	7.6	6.9	7.3	8.5	7.7	8.1
13	4.2	3.3	3.7	3.1	2.7	3.0	7.3	6.9	7.1	7.7	7.3	7.5
14	4.1	2.9	3.2	4.1	3.0	3.3	7.3	6.8	7.1	8.1	7.4	7.7
15	3.3	2.6	2.9	4.9	3.2	3.8	7.7	7.0	7.3	8.2	7.6	7.8
16	3.6	2.4	2.9	5.5	3.6	4.3	7.6	7.0	7.3	8.3	7.9	8.0
17	4.0	2.7	3.4	5.3	4.0	4.5	7.8	7.0	7.4	7.9	7.4	7.6
18	3.8	3.0	3.5	6.0	4.3	5.2	8.0	7.1	7.6	7.8	7.4	7.6
19	3.7	2.9	3.4	6.2	5.3	5.8	7.9	7.2	7.6	8.2	7.5	7.7
20	3.8	3.4	3.6	6.2	5.4	5.8	7.6	7.1	7.4	8.4	8.0	8.2
21	3.8	3.6	3.7	6.4	5.4	5.9	7.4	7.0	7.2	8.0	7.5	7.9
22	3.7	3.4	3.6	6.4	5.6	6.0	7.6	6.9	7.1	7.8	7.7	7.8
23	3.9	3.5	3.8	6.2	5.3	5.8	7.7	6.8	7.0	8.3	7.7	7.9
24	3.8	3.6	3.7	6.2	5.3	5.6	7.6	6.8	7.0	8.0	7.7	7.9
25	4.1	3.4	3.7	6.2	5.4	5.7	7.7	6.9	7.3	8.3	7.8	8.1
26	4.3	3.9	4.1	6.3	5.3	5.7	8.1	7.1	7.6	8.5	7.9	8.1
27	4.3	4.0	4.1	6.5	5.5	6.0	8.2	7.3	7.8	8.0	7.7	7.9
28	4.4	4.1	4.2	6.7	5.7	6.3	8.1	7.5	7.9	7.9	7.6	7.8
29	4.5	4.2	4.4	6.5	5.7	6.2	8.2	7.5	7.9	8.0	7.6	7.8
30	4.7	4.4	4.5	6.6	5.8	6.3	8.4	7.5	8.0	8.1	7.8	8.0
31	4.9	4.6	4.7	---	---	---	8.5	7.4	7.9	8.2	7.5	7.9
MONTH	6.3	2.4	4.3	6.7	2.7	5.1	8.5	6.0	7.2	8.8	7.3	7.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.6	7.0	7.4	8.4	7.6	7.8	6.1	5.3	5.5	4.9	3.6	4.1
2	7.6	7.0	7.3	8.5	7.8	8.1	5.7	5.2	5.3	4.6	3.2	3.8
3	7.2	6.7	7.0	7.9	7.4	7.7	6.2	5.2	5.4	4.6	3.1	3.7
4	---	---	---	7.8	7.2	7.5	6.4	5.3	5.6	4.2	3.1	3.3
5	---	---	---	7.3	7.2	7.3	6.1	5.2	5.4	4.5	3.1	3.5
6	---	---	---	7.6	7.2	7.4	5.7	5.1	5.3	4.2	3.2	3.4
7	---	---	---	7.7	7.3	7.5	5.6	5.1	5.2	3.6	3.2	3.4
8	---	---	---	7.6	7.3	7.4	5.8	5.0	5.5	4.7	3.2	3.7
9	---	---	---	7.7	7.2	7.5	5.9	5.3	5.7	4.6	3.6	4.1
10	---	---	---	7.8	7.3	7.5	5.8	5.5	5.6	4.6	3.6	4.0
11	---	---	---	7.9	7.4	7.6	6.2	5.5	5.7	4.7	3.5	4.0
12	---	---	---	8.3	7.6	7.9	6.2	5.6	5.8	4.7	4.0	4.3
13	---	---	---	8.4	7.9	8.2	5.9	5.4	5.6	4.6	3.8	4.1
14	---	---	---	8.2	8.0	8.1	5.4	4.6	5.1	4.5	3.5	3.9
15	---	---	---	8.3	8.0	8.2	5.3	4.6	4.9	4.2	3.5	3.8
16	---	---	---	8.4	8.1	8.2	5.2	4.0	4.8	4.3	3.4	3.7
17	---	---	---	8.2	8.0	8.1	---	---	---	4.1	3.0	3.6
18	---	---	---	8.1	7.7	8.0	---	---	---	3.9	3.1	3.4
19	---	---	---	7.6	6.2	7.2	---	---	---	3.9	3.1	3.6
20	---	---	---	6.8	5.8	6.4	---	---	---	4.5	3.5	4.0
21	---	---	---	6.0	5.6	5.8	---	---	---	4.3	3.9	4.1
22	---	---	---	5.8	5.4	5.6	---	---	---	4.1	3.6	3.9
23	8.1	7.4	7.6	5.6	5.3	5.4	---	---	---	4.0	3.6	3.8
24	8.4	7.4	7.7	5.5	5.1	5.3	4.1	3.1	3.4	4.3	3.4	3.6
25	8.4	7.4	7.6	5.9	5.3	5.4	5.1	3.3	3.7	4.9	3.3	3.7
26	8.2	7.3	7.5	5.5	5.1	5.2	5.3	3.7	4.2	5.1	3.6	4.2
27	8.5	7.4	7.6	6.6	5.0	5.4	5.3	3.7	4.2	5.0	4.2	4.5
28	8.6	7.6	7.8	6.5	5.0	5.3	5.3	3.8	4.2	4.8	3.9	4.3
29	---	---	---	6.4	4.9	5.5	5.1	3.7	4.2	4.8	3.3	3.9
30	---	---	---	6.3	5.1	5.7	5.0	3.9	4.4	4.3	3.6	4.0
31	---	---	---	5.6	5.2	5.4	---	---	---	4.2	3.6	3.9
MONTH	8.6	6.7	7.5	8.5	4.9	6.9	6.4	3.1	5.0	5.1	3.0	3.8

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.--Prior to Oct. 1, 1991 values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 29,900 microsiemens, Sept. 22, 1989; minimum, 50 microsiemens, many days in Jan., Feb., and Mar. 1991.
 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, 15,800 microsiemens, Oct. 10; minimum, 50 microsiemens, many days in Jan. Feb., and Mar. 1991.
 WATER TEMPERATURE: Maximum, 31.5°C, July 8; minimum, 6.5°C Jan. 27.
 DISSOLVED OXYGEN: Maximum, 9.6 mg/L, Jan. 28, Feb. 20; minimum, 2.3 mg/L, Sept. 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	9200	700	4800	80	70	78	90	80	89	90	60	77
2	9040	660	4240	80	70	74	90	80	89	80	70	72
3	9450	560	3990	80	70	73	100	80	90	80	70	72
4	10200	950	4730	90	70	74	90	80	89	80	70	71
5	7150	370	3050	80	70	71	90	80	86	70	60	63
6	10700	450	4440	80	60	70	90	80	86	90	60	79
7	9500	500	4070	70	60	68	90	80	88	90	50	71
8	8650	380	3420	70	60	67	90	80	88	90	60	78
9	9720	350	3700	70	60	68	100	80	89	90	80	85
10	15800	950	7710	80	60	70	90	80	89	90	80	82
11	10800	510	4680	80	60	71	90	60	83	640	80	129
12	2490	260	871	80	70	73	90	60	87	90	80	82
13	360	160	222	80	70	75	90	60	87	80	50	65
14	170	140	150	80	70	79	90	90	90	90	50	77
15	150	130	140	80	60	77	100	90	91	80	50	70
16	150	120	130	80	60	75	100	80	90	80	70	76
17	140	100	115	90	70	81	90	90	90	80	50	59
18	110	90	102	90	80	82	90	70	84	80	70	73
19	110	90	94	90	60	79	90	70	70	80	60	72
20	100	80	88	90	60	84	100	90	91	80	70	71
21	110	80	90	90	80	83	100	90	90	70	60	69
22	100	80	91	90	80	83	90	90	90	70	60	70
23	100	70	84	90	80	84	90	70	86	70	50	67
24	100	70	84	90	60	84	100	70	90	70	60	68
25	90	70	81	90	70	87	100	70	89	70	60	67
26	90	70	76	90	80	89	100	90	93	70	60	66
27	90	70	75	90	80	89	100	80	90	70	60	69
28	90	70	77	90	80	90	90	80	85	70	60	68
29	80	70	75	100	90	91	90	80	87	70	60	70
30	80	70	77	90	70	87	90	80	86	70	60	70
31	90	70	77	---	---	---	90	80	85	70	60	69
MONTH	15800	70	1670	100	60	79	100	60	88	640	50	73

WACCAMAW RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.5	24.5	25.0	16.5	15.0	16.0	14.5	13.0	14.0	12.0	11.0	11.5
2	25.5	24.5	25.0	16.5	15.5	16.0	14.5	14.0	14.0	11.5	11.0	11.0
3	25.5	24.5	25.0	17.0	16.0	16.5	15.0	14.5	15.0	11.0	11.0	11.0
4	26.0	24.5	25.5	17.0	16.0	16.5	15.5	14.0	15.0	11.5	11.0	11.0
5	26.0	24.5	25.0	17.0	16.5	17.0	14.0	12.5	13.5	11.5	11.0	11.0
6	26.0	24.5	25.0	17.5	16.5	17.0	13.5	12.5	13.0	11.5	10.5	11.0
7	26.0	25.0	25.5	17.0	16.5	16.5	13.0	12.5	13.0	12.0	11.0	11.5
8	26.0	25.0	25.5	16.5	15.5	16.5	12.5	11.5	12.0	11.0	10.5	11.0
9	26.0	25.0	25.5	16.0	15.5	15.5	12.0	11.0	11.5	10.5	10.0	10.5
10	26.0	25.5	25.5	16.5	16.0	16.0	12.5	11.0	11.5	10.5	10.0	10.0
11	25.5	24.5	25.0	16.5	15.0	16.0	11.5	10.5	11.0	10.5	10.0	10.5
12	25.0	24.5	24.5	16.5	15.0	15.5	11.5	10.5	11.0	11.0	10.5	11.0
13	25.0	24.5	24.5	15.5	14.5	15.0	11.5	10.5	11.0	11.0	9.5	10.5
14	25.0	24.0	24.5	15.0	14.0	14.5	11.0	10.5	11.0	11.0	9.5	10.0
15	25.5	24.0	24.5	14.5	13.5	14.0	11.5	10.5	11.0	10.5	9.5	10.0
16	24.5	23.5	24.0	14.5	13.5	14.0	12.0	11.0	11.0	11.5	10.0	11.0
17	24.5	23.0	23.5	14.5	13.5	14.0	12.0	11.0	11.5	11.0	10.0	10.5
18	23.5	23.0	23.5	13.5	12.5	13.0	12.5	11.0	12.0	11.0	9.5	10.5
19	23.0	21.5	22.0	13.5	12.5	13.0	13.5	12.5	13.0	10.0	10.0	10.0
20	21.5	20.5	21.0	13.0	12.0	12.5	13.0	12.5	12.5	10.0	9.5	10.0
21	21.0	20.5	21.0	13.0	12.0	12.5	13.5	12.5	13.0	10.0	9.5	10.0
22	21.0	20.5	20.5	13.0	12.0	12.5	14.0	13.0	13.5	9.5	8.5	9.0
23	21.5	20.5	21.0	13.0	12.5	13.0	15.5	14.0	14.5	9.0	8.0	8.5
24	21.5	20.5	21.0	13.5	12.5	13.0	15.5	13.5	14.5	8.0	7.5	8.0
25	21.5	19.5	20.5	14.0	12.5	13.0	13.5	12.5	13.5	8.0	7.0	7.5
26	20.0	18.5	19.5	14.5	13.0	13.5	13.0	12.0	12.5	8.0	7.0	7.0
27	18.5	17.5	18.5	14.0	13.0	13.5	12.5	11.5	12.0	7.5	6.5	7.0
28	18.0	17.0	17.5	15.0	13.5	14.5	11.5	11.0	11.5	8.0	7.0	7.5
29	17.5	16.5	17.0	16.0	13.5	15.0	11.5	11.0	11.5	8.5	7.5	8.0
30	17.0	16.0	16.5	14.5	13.5	14.0	12.5	11.0	11.5	9.5	8.5	9.0
31	17.0	15.5	16.0	---	---	---	13.5	12.0	12.5	9.5	9.0	9.5
MONTH	26.0	15.5	22.5	17.5	12.0	14.5	15.5	10.5	12.5	12.0	6.5	10.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	8.0	9.0	12.5	11.5	12.0	19.5	17.5	18.5	23.5	21.5	22.5
2	9.5	8.5	9.0	12.5	12.0	12.5	18.5	17.5	18.0	23.5	22.0	22.5
3	10.0	9.0	9.5	13.0	12.0	12.5	18.5	17.5	17.5	23.5	22.0	22.5
4	10.5	9.5	10.0	13.0	12.0	12.5	18.0	17.0	17.5	23.0	22.0	22.5
5	11.0	10.0	10.5	13.5	12.0	12.5	18.5	17.5	18.0	22.5	22.0	22.0
6	11.0	10.5	11.0	13.5	12.5	13.0	19.0	17.5	18.0	23.5	22.0	22.5
7	11.5	11.0	11.0	14.5	13.0	13.5	19.0	18.0	18.5	24.0	22.5	23.0
8	11.5	11.0	11.5	13.5	13.0	13.5	19.5	18.5	19.0	23.5	22.5	23.0
9	12.0	11.0	11.5	13.5	12.5	13.0	19.5	19.0	19.0	23.0	22.5	23.0
10	12.0	10.5	11.5	13.0	12.0	12.5	20.5	19.0	19.5	23.5	22.5	23.0
11	12.0	11.0	11.5	13.0	11.5	12.0	20.5	19.5	20.0	23.5	22.5	23.0
12	11.5	10.5	11.0	12.5	11.5	12.0	20.5	19.5	20.0	24.0	22.5	23.5
13	11.5	10.5	11.0	12.5	12.0	12.5	20.0	19.5	19.5	23.5	23.0	23.5
14	13.0	11.0	11.5	14.0	12.5	13.0	20.0	19.5	19.5	23.5	23.0	23.5
15	11.5	9.5	10.5	14.0	12.5	13.5	20.5	19.5	20.0	24.0	23.0	23.5
16	9.5	9.0	9.5	13.5	12.5	13.0	21.5	20.0	20.5	24.0	23.5	24.0
17	9.0	7.5	8.5	13.0	12.5	12.5	21.0	20.5	21.0	25.0	24.0	24.5
18	9.0	8.5	8.5	14.5	12.5	13.5	21.5	20.5	21.0	26.0	24.5	25.0
19	10.0	8.5	9.5	14.5	13.0	14.0	21.5	21.0	21.0	25.0	24.0	24.5
20	12.0	9.5	11.0	14.5	13.5	14.0	21.0	20.0	20.5	24.5	23.5	24.0
21	12.0	11.0	11.5	15.5	13.5	14.5	20.0	19.0	20.0	24.0	23.5	24.0
22	13.5	11.5	12.5	16.5	15.0	15.5	20.5	19.0	19.5	24.0	23.5	24.0
23	13.0	12.5	13.0	18.0	16.0	17.0	19.5	19.0	19.0	24.5	23.5	23.5
24	12.5	12.0	12.5	19.0	17.0	18.0	20.0	19.0	19.5	24.0	23.5	23.5
25	13.0	12.0	12.5	18.5	17.5	18.0	19.5	19.0	19.0	24.5	23.0	24.0
26	12.5	11.5	12.0	18.5	17.5	18.0	19.5	19.0	19.0	25.0	23.5	24.5
27	12.5	11.0	11.5	19.5	18.0	19.0	19.5	19.0	19.0	25.5	24.5	25.0
28	12.5	11.0	12.0	20.5	19.0	19.5	20.5	19.0	19.5	26.0	24.5	25.0
29	---	---	---	20.0	19.5	20.0	21.5	20.0	20.5	27.0	25.0	26.0
30	---	---	---	20.0	19.0	19.5	22.5	21.0	21.5	27.0	25.5	26.5
31	---	---	---	19.5	18.5	19.0	---	---	---	28.0	26.0	27.0
MONTH	13.5	7.5	11.0	20.5	11.5	14.5	22.5	17.0	19.5	28.0	21.5	24.0

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

WACCAMAW RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.6	4.1	4.6	5.4	4.5	4.9	5.2	4.4	4.7	3.6	2.7	3.1
2	5.6	4.2	4.7	5.3	4.6	4.9	5.2	4.7	5.0	4.1	3.5	3.7
3	5.9	4.1	4.6	5.6	4.6	5.0	5.6	4.9	5.1	3.7	3.2	3.5
4	5.4	4.0	4.5	5.5	4.8	5.0	5.2	4.4	4.9	3.3	2.8	3.1
5	5.2	4.1	4.5	5.7	4.9	5.2	4.4	3.9	4.2	2.9	2.6	2.8
6	5.2	4.3	4.7	5.4	4.5	5.0	4.1	3.8	3.9	2.6	2.4	2.5
7	5.1	4.2	4.7	5.0	4.2	4.7	4.2	3.7	3.9	2.5	2.3	2.4
8	4.7	4.1	4.2	4.9	4.1	4.5	5.1	3.7	4.0	2.8	2.4	2.6
9	4.5	4.1	4.2	4.8	4.2	4.4	4.2	3.5	3.7	2.9	2.5	2.7
10	4.7	4.1	4.3	5.0	4.0	4.4	4.0	3.5	3.8	2.9	2.6	2.8
11	4.6	4.2	4.4	5.4	4.1	4.5	3.6	3.1	3.3	3.1	2.7	2.9
12	4.9	4.2	4.5	4.8	4.1	4.4	3.7	2.9	3.2	3.2	2.8	3.0
13	5.0	4.4	4.7	4.7	3.8	4.2	3.6	3.2	3.3	2.9	2.5	2.7
14	4.9	4.2	4.5	4.6	3.9	4.2	3.5	3.1	3.3	2.9	2.5	2.6
15	4.7	4.1	4.4	4.7	3.8	4.3	3.6	3.1	3.2	2.9	2.5	2.7
16	4.7	4.1	4.3	4.7	4.2	4.4	3.3	3.0	3.1	3.0	2.6	2.8
17	4.5	4.0	4.2	4.9	4.2	4.4	3.5	2.9	3.2	3.0	2.8	2.9
18	4.5	4.0	4.2	5.0	4.3	4.5	4.1	3.3	3.7	3.0	2.9	2.9
19	4.6	4.0	4.2	5.7	4.4	4.9	4.1	3.4	3.7	3.2	3.0	3.1
20	4.6	4.2	4.3	5.0	4.5	4.7	3.8	3.4	3.6	4.6	3.0	3.9
21	4.7	4.2	4.4	5.2	4.4	4.7	3.5	3.3	3.5	4.8	4.2	4.5
22	5.0	4.2	4.7	5.2	4.5	4.8	3.7	3.4	3.5	4.9	4.4	4.6
23	5.6	4.3	4.9	5.3	4.5	4.8	3.7	3.2	3.5	4.4	3.8	4.2
24	5.4	4.7	5.0	5.3	4.2	4.7	3.7	3.4	3.5	4.3	3.8	4.0
25	5.1	4.6	4.8	5.4	4.5	4.9	4.8	3.4	3.8	4.4	3.8	4.0
26	5.1	4.3	4.6	5.5	4.5	5.0	3.8	3.1	3.5	4.5	4.2	4.3
27	4.9	4.4	4.7	5.2	4.5	4.9	3.1	2.8	3.0	4.9	4.3	4.7
28	5.0	4.4	4.7	5.3	4.5	4.8	2.9	2.7	2.8	5.3	4.8	5.0
29	4.9	4.3	4.6	4.9	4.3	4.6	2.9	2.6	2.7	5.3	4.9	5.1
30	5.1	4.3	4.7	5.2	4.2	4.5	2.9	2.7	2.8	5.2	4.9	5.1
31	---	---	---	5.0	4.2	4.5	2.9	2.7	2.8	---	---	---
MONTH	5.9	4.0	4.5	5.7	3.8	4.7	5.6	2.6	3.6	5.3	2.3	3.5
YEAR	9.6	2.3	5.8									

Note: Dissolved oxygen concentrations are not corrected for salinity.

FEE DEE RIVER BASIN
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.--Records good except for estimated daily discharges, Nov. 21 - 27, Dec. 3, 4, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	42	29	21	43	30	67	52	6.2	4.3	42	13
2	1.2	40	30	20	45	31	62	53	19	3.3	44	11
3	1.4	38	33	19	44	38	58	50	35	8.2	81	9.9
4	1.8	36	32	20	43	88	54	46	37	6.8	121	9.0
5	2.0	32	24	21	40	134	49	40	30	6.6	69	8.2
6	1.9	28	23	20	38	89	44	39	17	6.8	50	8.0
7	3.1	23	22	20	37	65	39	45	9.6	10	47	7.8
8	3.5	19	23	22	38	53	36	51	7.9	16	45	7.3
9	9.2	18	25	23	40	49	38	51	6.5	14	41	6.9
10	23	28	28	24	40	49	41	47	5.7	8.3	37	7.1
11	39	33	29	25	39	56	44	43	5.2	5.5	33	7.1
12	151	36	26	31	37	56	43	39	4.5	4.5	28	6.8
13	145	37	23	35	34	54	40	38	3.2	3.9	33	6.5
14	64	35	20	38	31	54	35	40	3.2	2.6	45	6.1
15	38	32	19	38	28	57	30	40	3.0	1.9	50	6.2
16	36	25	19	37	25	59	28	38	3.3	2.0	49	6.1
17	34	21	19	37	23	59	26	33	3.6	2.6	45	7.1
18	32	19	18	37	22	55	24	27	4.0	4.3	40	9.8
19	29	18	18	37	22	52	58	21	6.2	13	32	11
20	25	17	18	38	22	49	165	17	24	17	20	21
21	22	16	23	39	22	45	118	21	24	20	14	33
22	18	16	26	41	22	40	101	22	21	16	13	47
23	30	16	30	42	26	34	81	19	19	8.0	12	46
24	171	15	31	41	32	28	62	16	13	5.5	11	40
25	167	15	28	41	36	24	56	14	9.0	4.3	14	33
26	98	15	22	42	38	22	53	13	7.3	3.5	18	23
27	134	16	19	43	37	21	51	12	6.1	3.4	25	21
28	92	17	19	43	34	21	48	12	4.9	9.3	27	23
29	57	22	19	42	---	25	46	11	3.8	22	22	20
30	45	25	22	40	---	44	48	8.9	3.9	36	18	15
31	44	---	23	41	---	58	---	7.0	---	39	15	---
TOTAL	1519.3	750	740	1018	938	1539	1645	965.9	346.1	308.6	1141	476.9
MEAN	49.0	25.0	23.9	32.8	33.5	49.6	54.8	31.2	11.5	9.95	36.8	15.9
MAX	171	42	33	43	45	134	165	53	37	39	121	47
MIN	1.2	15	18	19	22	21	24	7.0	3.0	1.9	11	6.1
CFSM	1.86	.95	.90	1.24	1.27	1.88	2.08	1.18	.44	.38	1.39	.60
IN.	2.14	1.06	1.04	1.43	1.32	2.17	2.32	1.36	.49	.43	1.61	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1991, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	22.8	25.9	32.0	42.5	43.8	57.4	40.4	20.7	17.6	14.3	17.8	10.7
MAX	55.1	56.2	63.2	77.1	77.8	122	83.9	37.9	52.0	48.7	70.7	28.0
(WY)	1990	1986	1984	1982	1983	1983	1983	1984	1982	1984	1985	1987
MIN	7.72	9.64	14.1	20.9	24.0	16.3	8.44	7.97	2.48	2.34	3.96	3.10
(WY)	1982	1982	1989	1981	1986	1981	1981	1981	1981	1986	1980	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1980 - 1991

ANNUAL TOTAL	7520.48	11387.8	28.8
ANNUAL MEAN	20.6	31.2	39.7
HIGHEST ANNUAL MEAN			14.7
LOWEST ANNUAL MEAN			732
HIGHEST DAILY MEAN	171	171	Mar 3 1987
LOWEST DAILY MEAN	.00	1.2	.00
ANNUAL SEVEN-DAY MINIMUM	.00	1.8	*Jun 29 1990
INSTANTANEOUS PEAK FLOW		Oct 1	Jul 29 1990
INSTANTANEOUS PEAK STAGE		Oct 12	Oct 3 1989
ANNUAL RUNOFF (CFSM)	.78	4.65	7.05
ANNUAL RUNOFF (INCHES)	10.60	1.18	1.09
10 PERCENT EXCEEDS	37	16.05	14.80
50 PERCENT EXCEEDS	18	53	63
90 PERCENT EXCEEDS	1.0	26	19
		6.1	4.0

* Also occurred on several other days in 1990.

** Also occurred on Oct. 2.

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC

LOCATION.--Lat 34°36'22'', long 79°47'19'', Marlboro County, Hydrologic Unit 03040201, inside the intake structure at Willamette Industries, 8.5 mi west of Bennettsville, and at mile 153.0.

DRAINAGE AREA.--7,600 mi², approximately.

PERIOD OF RECORD.--November 1990 to September 1991.

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Willamette Industries).

REMARKS.--Records good except for estimated daily discharges, Nov. 3, 8 - 17, 28, Dec. 18, 19, 21 - 31, Jan 1 - 13, Aug 3 - 14, which are poog. Flow regulated by powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 ft³/s.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	7870	13400	18700	12400	72700	18000	6910	1820	8870	1380
2	---	---	3000	13300	17500	10500	71300	35900	4700	3160	7870	972
3	---	14000	2020	13300	16100	12800	56800	24000	5730	4820	13700	846
4	---	10200	8300	13500	12300	43500	39600	13300	8320	8320	25000	4480
5	---	9090	25200	13700	10300	69100	29600	10600	8650	8990	16700	3260
6	---	8560	24300	14000	10000	70900	20500	11800	8420	5730	14800	4650
7	---	4520	12600	14300	11000	63500	14300	15000	7640	5750	14100	2860
8	---	3850	9180	18300	11400	49100	14600	15700	7810	4790	13700	904
9	---	4500	6950	21600	12800	40300	16000	12400	4610	5540	13000	829
10	---	19000	2230	25900	9570	30600	24400	10700	3260	6230	10700	3750
11	---	17000	6350	33600	4970	20000	18900	9110	3530	7390	7300	3040
12	---	14000	7160	49000	4380	13900	11400	8140	4480	7980	9100	2130
13	---	12000	4400	67000	5800	14300	9190	6660	3610	4070	11200	3090
14	---	11000	7570	67400	6800	19800	8870	6310	5360	1230	12300	1710
15	---	10000	5020	58900	7450	26000	6150	6560	3150	994	11900	885
16	---	9700	3550	48200	7250	20900	3960	4750	2240	2210	21800	793
17	---	9300	1810	41900	2940	15300	6260	4860	3890	1710	13200	2830
18	---	8860	5900	44500	2050	12700	7920	5580	3430	3570	9680	1960
19	---	8430	6300	34800	6490	17900	9430	4200	3380	5480	4830	841
20	---	4610	6790	23700	8680	19700	23000	7130	6070	3400	1390	3590
21	---	5580	8600	20100	8930	19700	40000	15300	8740	2800	2790	2330
22	---	6780	10800	28600	7610	16300	47100	22700	10600	1180	6520	1170
23	---	6750	12100	22000	6620	14400	53000	21600	9400	2060	3640	1560
24	---	6680	14000	18800	9660	11600	44500	15500	4920	2650	2720	4020
25	---	5560	13600	19800	11400	8400	30800	9980	5480	3490	2300	3700
26	---	3440	13400	20100	10300	5990	15700	9110	4880	5900	3090	5310
27	---	5370	12200	18400	10000	6330	13100	9460	5960	4790	2580	2040
28	---	6600	12700	15800	12000	7100	11200	9650	5670	6080	5450	3570
29	---	8560	13200	15100	---	9290	10600	11200	4180	8810	4190	1990
30	---	9540	13400	13400	---	33900	11400	9810	2450	9320	2890	873
31	---	---	13300	16700	---	63300	---	9690	---	9090	2920	---
TOTAL	---	---	293800	839100	263000	779510	742280	374700	167470	149354	280230	71363
MEAN	---	---	9477	27070	9393	25150	24740	12090	5582	4818	9040	2379
MAX	---	---	25200	67400	18700	70900	72700	35900	10600	9320	25000	5310
MIN	---	---	1810	13300	2050	5990	3960	4200	2240	994	1390	793
CFSM	---	---	1.25	3.56	1.24	3.31	3.26	1.59	.73	.63	1.19	.31
IN.	---	---	1.44	4.11	1.29	3.82	3.63	1.83	.82	.73	1.37	.35

SUMMARY STATISTICS

FOR 1991 WATER YEAR

INSTANTANEOUS PEAK FLOW
INSTANTANEOUS PEAK STAGE

75200 Apr 1
85.04 Apr 1

PEE DEE RIVER BASIN
02130900 BLACK CREEK NEAR MCBEE, SC

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

DRAINAGE AREA.--108 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, Oct. 13 - 24, Aug. 20 to Sept. 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	226	168	183	225	176	453	244	141	54	303	105
2	33	206	184	182	240	188	458	259	172	49	388	100
3	34	191	211	176	263	232	327	276	200	58	421	98
4	34	183	223	173	237	312	249	245	241	79	376	96
5	38	177	207	168	208	469	217	218	333	116	457	95
6	37	173	199	161	188	705	221	285	259	139	353	94
7	35	165	226	161	179	537	217	384	177	171	263	93
8	33	160	252	166	185	368	223	721	126	500	192	92
9	30	160	240	164	186	279	279	549	103	380	148	91
10	55	198	221	159	185	235	299	367	94	235	149	90
11	331	210	208	169	194	217	320	277	92	150	150	88
12	2290	214	208	201	189	207	313	251	84	93	210	87
13	2460	255	199	208	177	214	300	244	79	75	293	85
14	1180	283	186	209	169	243	280	231	74	66	331	83
15	679	255	174	233	161	244	241	240	78	68	385	82
16	473	222	168	260	156	268	220	285	83	71	339	80
17	380	200	165	254	156	311	216	271	100	145	270	78
18	340	181	166	231	156	277	220	229	152	133	208	76
19	340	171	165	231	150	238	229	251	131	197	163	75
20	276	168	167	277	145	214	224	280	121	175	140	74
21	252	163	184	261	143	206	244	317	175	118	120	72
22	260	161	183	233	151	204	300	403	191	88	110	70
23	560	160	182	228	179	194	422	312	189	74	100	90
24	907	157	190	228	195	182	380	243	149	66	110	150
25	959	155	201	230	198	172	317	206	106	66	120	270
26	756	154	199	219	215	166	266	179	89	62	130	190
27	500	151	185	216	227	161	226	168	76	61	140	150
28	381	153	176	234	202	159	209	162	67	125	130	130
29	319	166	169	232	---	170	199	152	62	319	120	110
30	281	168	169	226	---	259	221	155	57	302	115	100
31	253	---	177	233	---	312	---	161	---	272	110	---
TOTAL	14539	5586	5952	6506	5259	8119	8290	8565	4001	4507	6844	3094
MEAN	469	186	192	210	188	262	276	276	133	145	221	103
MAX	2460	283	252	277	263	705	458	721	333	500	457	270
MIN	30	151	165	159	143	159	199	152	57	49	100	70
CFSM	4.34	1.72	1.78	1.94	1.74	2.43	2.56	2.56	1.23	1.35	2.04	.95
IN.	5.01	1.92	2.05	2.24	1.81	2.80	2.86	2.95	1.38	1.55	2.36	1.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 1991, BY WATER YEAR (WY)

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
MEAN	133	135	163	205	223	242	198	139	118	119	127	102
MAX	469	230	267	300	411	346	338	276	272	357	370	245
(WY)	1991	1972	1973	1964	1960	1987	1960	1991	1969	1975	1971	1979
MIN	53.6	59.6	86.7	91.3	110	107	66.1	52.7	30.1	23.9	34.6	26.7
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1983	1968

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1960 - 1991

ANNUAL TOTAL	56570	81262	
ANNUAL MEAN	155	223	
HIGHEST ANNUAL MEAN			158
LOWEST ANNUAL MEAN			237
HIGHEST DAILY MEAN	2460	2460	91.4
LOWEST DAILY MEAN	17	30	17
ANNUAL SEVEN-DAY MINIMUM	18	34	18
INSTANTANEOUS PEAK FLOW		** 4500	** 4500
INSTANTANEOUS PEAK STAGE		13.07	13.07
ANNUAL RUNOFF (CFSM)	1.44	2.06	1.46
ANNUAL RUNOFF (INCHES)	19.49	27.99	19.85
10 PERCENT EXCEEDS	240	335	286
50 PERCENT EXCEEDS	151	190	138
90 PERCENT EXCEEDS	30	80	49

* Also occurred on Aug. 4 - 5, 1990.

** From rating curve extended above 1,800 ft³/s.

PEE DEE RIVER BASIN
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 good except for estimated daily discharges, Jan. 29 to Feb. 11, which are poor. Some regulation by storage in steam electric plant reservoir above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	375	215	212	290	290	351	300	240	125	416	193
2	75	354	214	209	295	324	399	297	240	117	488	179
3	73	334	219	209	310	369	394	290	238	125	397	167
4	75	314	238	212	300	408	352	291	242	120	403	158
5	87	299	239	208	270	418	340	300	250	121	401	149
6	84	290	235	202	245	460	331	344	269	127	406	145
7	82	278	237	203	235	518	315	353	270	137	397	146
8	81	253	254	206	230	519	309	386	252	157	384	144
9	79	263	258	199	240	490	328	451	226	233	341	142
10	113	286	260	194	245	458	343	466	204	268	307	142
11	379	283	257	199	250	414	344	447	183	269	283	141
12	883	279	252	207	260	385	341	453	170	245	295	139
13	2890	279	248	212	257	397	340	482	161	219	297	132
14	1410	278	247	211	259	414	352	448	151	195	306	129
15	770	249	238	214	258	399	344	410	147	186	327	126
16	591	231	231	231	245	377	336	390	143	176	335	121
17	499	250	226	239	233	369	317	384	140	171	329	118
18	434	244	218	239	232	382	305	377	150	185	315	114
19	420	239	220	239	231	379	296	382	162	211	289	112
20	381	235	225	250	231	357	289	366	180	227	267	135
21	347	230	234	267	231	337	297	359	181	222	246	134
22	336	224	232	270	236	321	298	369	190	209	223	144
23	787	221	229	262	262	309	312	388	203	188	203	177
24	1000	220	233	270	270	296	345	381	208	172	188	218
25	1070	215	226	280	273	281	355	359	196	170	187	233
26	1140	211	225	276	282	262	355	338	181	155	199	240
27	793	208	224	269	284	250	343	329	170	154	202	230
28	539	211	222	268	291	252	330	316	157	161	204	218
29	420	228	217	270	---	290	309	292	147	240	205	211
30	408	220	212	280	---	412	314	269	136	316	206	202
31	390	---	214	280	---	382	---	252	---	357	199	---
TOTAL	16717	7801	7199	7287	7245	11519	9984	11269	5787	5958	9245	4839
MEAN	539	260	232	235	259	372	333	364	193	192	298	161
MAX	2890	375	260	280	310	519	399	482	270	357	488	240
MIN	73	208	212	194	230	250	289	252	136	117	187	112
CFSM	3.12	1.50	1.34	1.36	1.50	2.15	1.92	2.10	1.12	1.11	1.72	.93
IN.	3.59	1.68	1.55	1.57	1.56	2.48	2.15	2.42	1.24	1.28	1.99	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1991, BY WATER YEAR (WY)

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	185	194	229	287	304	334	272	202	176	174	195	160																			
MAX	539	299	393	435	433	493	482	364	376	447	466	336																			
(WY)	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MIN	76.6	107	142	144	172	164	109	90.9	76.3	46.4	79.2	79.7																			
(WY)	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1961 - 1991
ANNUAL TOTAL	73395	104850	
ANNUAL MEAN	201	287	226
HIGHEST ANNUAL MEAN			320
LOWEST ANNUAL MEAN			141
HIGHEST DAILY MEAN	2890	2890	2890
LOWEST DAILY MEAN	30	73	30
ANNUAL SEVEN-DAY MINIMUM	33	80	33
INSTANTANEOUS PEAK FLOW		* 4450	* 4450
INSTANTANEOUS PEAK STAGE		12.35	12.35
ANNUAL RUNOFF (CFSM)	1.16	1.66	1.30
ANNUAL RUNOFF (INCHES)	15.78	22.55	17.73
10 PERCENT EXCEEDS	285	404	374
50 PERCENT EXCEEDS	200	252	200
90 PERCENT EXCEEDS	66	146	101

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

PEE DEE RIVER BASIN

02131000 PEE DEE RIVER AT PEEDEE, SC
(National stream-quality accounting network station and radiochemical program station)

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

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

WATER-DISCHARGE RECORDS

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

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

REMARKS.--Records good except for estimated daily discharges, May 21 - 23, which are fair. Flow regulated by six powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 ft³.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1800	45000	11100	15200	20500	14200	22300	19700	13200	4190	12900	4640
2	1390	39600	9630	15100	20600	14800	25100	19900	11000	3280	13700	3110
3	3000	34300	6080	15100	20600	15000	28100	21100	8720	4390	14700	2260
4	2610	29900	4370	15300	20200	17000	31000	21800	8590	6320	18300	2000
5	2380	26000	9700	15400	19200	20500	33500	21400	10100	9020	19900	5260
6	3470	22700	16400	15800	17900	23000	34600	20300	10900	10100	19900	5250
7	3320	19600	18000	15200	17000	25800	33500	19700	11000	8420	17900	6030
8	1560	16000	16800	15200	16500	28700	30900	19600	10500	7790	16300	4800
9	921	13700	15200	18600	16300	31400	28100	19600	10100	6860	15600	2410
10	2350	13400	11800	21200	16400	33400	25800	19100	7760	7150	15400	1900
11	6770	14100	7310	23000	15000	33900	24700	18300	5510	7960	14900	4570
12	15200	15600	8160	24600	11800	32400	23800	17100	5430	8990	12700	4590
13	20300	16800	8910	25900	9620	29800	22200	16000	6170	9370	11700	3850
14	22200	16200	7560	27200	9330	27000	20100	14600	5690	6550	13800	4250
15	24500	15200	8680	28700	9750	25200	18400	13500	6800	3150	14300	3130
16	27600	14200	7470	30400	10200	24600	15800	12700	5180	2080	15700	2060
17	31600	13300	5510	31900	9760	24300	13000	10800	4020	2910	17600	1700
18	36300	12700	3900	32800	6420	23300	12600	9780	5350	3020	17200	3470
19	38400	12200	6660	33200	4650	21900	13100	9630	5100	4780	15900	3230
20	37400	11400	7330	33200	7920	21300	14400	8850	5350	6630	11600	2200
21	34400	8350	8600	32100	10100	21100	17700	11300	7660	5360	6590	4240
22	30700	7960	10900	30200	11000	21000	20200	14800	9950	4170	5770	3900
23	28000	8790	15100	28500	10400	20500	22100	17700	11600	2630	8190	2550
24	26700	9000	16100	27200	10200	19700	24100	18400	11500	2900	6490	2780
25	27100	8960	15300	25900	11900	18300	25900	18200	8630	3820	5130	4920
26	28600	7880	14400	24800	13300	16300	27000	16900	7750	4950	4580	5640
27	31200	6070	13800	23900	13500	13600	26700	15600	7200	6880	5020	6610
28	38000	7000	14500	23200	13500	12000	25000	14700	7700	6660	4990	4310
29	47300	8490	15400	22200	---	11600	22800	14200	7520	7890	6980	4720
30	51200	9900	15400	21300	---	14600	20900	14200	6020	10200	6470	3870
31	49600	---	15100	20600	---	19500	---	13700	---	11900	5140	---
TOTAL	675871	484300	345170	732900	373550	675700	703400	503160	242000	190320	375350	114250
MEAN	21800	16140	11130	23640	13340	21800	23450	16230	8067	6139	12110	3808
MAX	51200	45000	18000	33200	20600	33900	34600	21800	13200	11900	19900	6610
MIN	921	6070	3900	15100	4650	11600	12600	8850	4020	2080	4580	1700
CFSM	2.47	1.83	1.26	2.68	1.51	2.47	2.66	1.84	.91	.70	1.37	.43
IN.	2.85	2.04	1.45	3.09	1.57	2.85	2.96	2.12	1.02	.80	1.58	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1991, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1939	6783	29150	1965	2117	1952
1940	6649	18760	1948	2241	1954
1941	8947	22710	1949	3213	1940
1942	12750	25280	1946	3268	1956
1943	15790	44410	1960	5560	1941
1944	17600	36910	1979	5505	1981
1945	14340	31790	1984	4055	1981
1946	9328	24620	1958	3083	1981
1947	7410	17950	1982	2714	1988
1948	6710	21520	1975	2475	1986
1949	6805	16110	1970	1981	1954
1950	6646	49130	1945	1380	1954

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1939 - 1991

ANNUAL TOTAL	4789031	5415971	9903
ANNUAL MEAN	13120	14840	16470
HIGHEST ANNUAL MEAN			5392
LOWEST ANNUAL MEAN			217000
HIGHEST DAILY MEAN	51200	Oct 30	Sep 22 1945
LOWEST DAILY MEAN	921	Oct 9	Sep 29 1954
ANNUAL SEVEN-DAY MINIMUM	2170	Jul 6	Sep 27 1954
INSTANTANEOUS PEAK FLOW		51600	Sep 22 1945
INSTANTANEOUS PEAK STAGE		26.73	Sep 22 1945
INSTANTANEOUS LOW FLOW		838	Jun 26 1984
ANNUAL RUNOFF (CFSM)	1.49	1.68	1.12
ANNUAL RUNOFF (INCHES)	20.18	22.82	15.24

* From rating curve extended above 76,000 ft³/s on basis of discharge measurement of 221,000 ft³/s at Cheraw.

PEE DEE RIVER BASIN

69

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 1990 TO SEPTEMBER 1991

DATE	TIME	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK)	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	PH (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	SEDI- MENT, SUS- PENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	
OCT												
17...	1220	26.6	150	762	21.5	4.4	50	6.5	77	42	98	
17...	1232	24.2	220	--	21.5	4.3	--	6.5	78	44	92	
17...	1245	25.0	290	--	21.5	4.4	--	6.5	78	44	94	
17...	1253	21.0	440	--	21.5	4.5	--	6.5	78	44	96	
17...	1310	3.70	940	--	21.5	4.0	--	6.4	79	29	78	
17...	1325	5.00	1940	--	21.5	3.7	--	6.4	78	3	100	
17...	1340	7.80	2940	--	21.5	3.7	--	6.4	78	6	100	
17...	1355	5.60	3940	--	21.5	3.8	--	6.4	78	5	100	
17...	1405	7.00	4440	--	21.0	2.2	--	6.2	78	1	100	
17...	1500	7.00	5200	--	22.0	2.9	--	6.2	78	7	100	
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)	ALKA- LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	HARD- NESS TOTAL (MG/L AS CACO3)	PH (STAND- ARD UNITS)	
NOV												
19...	1230	12200	760	13.0	110	K52	17	8.9	85	20	7.1	
JAN												
14...	1100	27100	770	8.5	K1500	K1700	16	11.8	100	20	6.6	
MAR												
19...	1130	21900	762	12.5	270	K44	18	8.9	83	19	7.1	
MAY												
21...	1015	10100	770	22.0	K130	K200	20	7.1	80	20	7.3	
JUL												
17...	1045	3100	765	28.0	K41	K37	23	5.9	75	20	7.1	
SEP												
25...	1000	5140	755	23.0	270	140	25	6.3	74	16	6.4	
DATE	TIME	PH LAB (STAND- ARD UNITS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM)	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
NOV												
19...	7.2	85	84	25	4.6	2.0	3.0	7.2	40	0.7	15	
JAN												
14...	8.0	70	77	38	4.7	2.1	2.5	5.6	34	0.5	15	
MAR												
19...	7.1	75	82	19	4.6	1.9	1.9	7.1	42	0.7	15	
MAY												
21...	7.2	90	85	23	4.7	1.9	2.0	8.8	46	0.9	19	
JUL												
17...	7.2	86	97	26	4.5	2.2	2.5	9.9	48	1	22	
SEP												
25...	7.3	137	137	1.5	3.6	1.8	2.2	22	71	2	22	
DATE	TIME	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)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)
NOV												
19...	7.4	0.10	11	9.6	66	56	0.09	2170	0.580	<0.010	0.020	
JAN												
14...	5.4	<0.10	6.1	9.8	49	46	0.07	3590	0.190	<0.010	0.010	
MAR												
19...	7.3	<0.10	8.2	8.9	67	50	0.09	3960	--	<0.010	<0.010	
MAY												
21...	6.8	<0.10	7.1	10	67	54	0.09	1830	0.580	0.010	0.010	
JUL												
17...	9.0	0.30	8.6	11	72	61	0.10	603	0.450	<0.010	0.010	
SEP												
25...	22	0.10	18	8.4	96	91	0.13	1330	--	0.010	<0.010	

PEE DEE RIVER BASIN

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991 1990--Continued

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (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)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)
NOV 19...	0.600	0.600	0.050	0.06	0.070	0.53	0.60	0.09	0.030	0.040	0.030
JAN 14...	0.200	0.200	0.060	0.08	0.060	0.64	0.70	0.06	0.020	0.020	<0.010
MAR 19...	0.510	0.500	0.020	0.03	0.040	0.46	0.50	0.09	0.030	0.030	0.030
MAY 21...	0.620	0.590	0.030	0.04	0.030	0.77	0.80	--	<0.010	0.030	0.030
JUL 17...	0.480	0.460	0.030	0.04	0.010	0.49	0.50	0.03	0.010	0.020	0.010
SEP 25...	0.230	<0.050	0.030	0.04	0.020	0.78	0.80	0.15	0.050	0.050	0.060

DATE	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)	LEAD, DIS- SOLVED (UG/L AS PB)
NOV 19...	0.060	110	<1	68	<0.5	<1.0	<1	<3	6	300	2
JAN 14...	0.030	310	1	38	<0.5	<1.0	<1	<3	2	520	1
MAR 19...	0.060	--	--	--	--	--	--	--	--	--	--
MAY 21...	0.100	100	<1	22	<0.5	1.0	<1	<3	2	290	1
JUL 17...	0.100	--	--	--	--	--	--	--	--	--	--
SEP 25...	0.110	30	<1	25	<0.5	<1.0	<1	<3	2	600	<1

DATE	SEDI- MENT, DIS- SOLVED (MG/L)	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)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)
NOV 19...	22	<4	25	92	0.2	<10	2	<1	<1.0	39
JAN 14...	36	<4	19	98	<0.1	<10	<1	<1	<1.0	37
MAR 19...	13	--	--	100	--	--	--	--	--	--
MAY 21...	37	<4	23	98	<0.1	<10	<1	<1	<1.0	40
JUL 17...	44	--	--	97	--	--	--	--	--	--
SEP 25...	37	<4	11	100	0.1	<10	2	<1	<1.0	33

DATE	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/90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)
NOV 19...	0.05	<6	18	<0.6	<0.6	3.5	3.2	<0.6	<0.6	0.15
JAN 14...	--	<6	22	--	--	--	--	--	--	--
MAY 21...	--	<6	9	--	--	--	--	--	--	--
SEP 25...	0.04	<6	21	<0.6	1.2	2.4	2.1	<0.6	<0.6	0.02

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
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.

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

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.52	22	14	27	101	28	93	18	7.7	7.1	12	6.1
2	.56	20	16	26	73	44	69	16	11	5.1	24	6.1
3	.54	20	16	25	59	73	51	14	10	5.2	38	5.3
4	.91	17	16	25	49	129	42	13	8.9	8.0	23	4.7
5	1.9	15	16	21	44	107	38	14	7.7	7.0	16	4.3
6	2.7	14	15	21	43	78	40	24	6.9	6.9	17	4.1
7	3.2	13	15	20	43	62	36	22	6.4	6.8	27	4.2
8	3.9	13	17	24	51	53	31	18	6.0	5.7	17	4.0
9	4.7	14	19	27	54	47	28	17	5.7	5.5	14	3.5
10	6.5	34	19	26	46	41	26	19	5.6	4.9	17	3.3
11	41	37	18	25	40	36	24	17	5.5	4.6	16	3.1
12	70	29	18	34	37	34	22	18	5.6	5.0	98	3.0
13	62	25	17	39	33	42	20	23	6.7	4.3	77	2.9
14	50	22	17	34	33	68	20	36	6.7	4.8	35	2.8
15	36	20	16	31	31	60	19	27	7.1	8.9	25	2.7
16	28	19	16	34	28	48	19	23	6.0	7.4	19	2.7
17	24	19	15	36	27	41	18	22	15	6.6	15	2.6
18	23	18	15	32	26	38	17	19	38	6.3	14	2.5
19	22	17	15	30	26	36	54	23	29	7.9	12	2.5
20	19	16	15	57	26	33	161	21	20	9.9	11	8.7
21	17	15	31	64	28	30	76	21	27	6.8	9.2	5.9
22	16	16	35	51	28	28	52	17	18	5.5	8.0	4.3
23	60	15	31	42	34	26	37	14	13	4.8	7.4	3.6
24	69	15	28	42	40	25	30	13	11	4.3	8.2	3.8
25	45	15	24	78	37	23	25	13	9.1	4.0	17	7.0
26	40	16	22	79	35	22	22	12	8.1	4.0	13	9.2
27	34	16	20	65	33	21	20	11	7.6	7.7	11	6.2
28	28	15	23	54	33	21	19	10	6.8	13	10	5.0
29	25	16	24	56	---	34	18	9.2	6.1	10	9.0	4.2
30	23	15	24	77	---	207	18	8.5	5.5	13	7.6	3.8
31	26	---	25	130	---	156	---	8.0	---	14	6.6	---
TOTAL	783.43	558	612	1332	1138	1691	1145	540.7	327.7	215.0	634.0	132.1
MEAN	25.3	18.6	19.7	43.0	40.6	54.5	38.2	17.4	10.9	6.94	20.5	4.40
MAX	70	37	35	130	101	207	161	36	38	14	98	9.2
MIN	.52	13	14	20	26	21	17	8.0	5.5	4.0	6.6	2.5
CFSM	.92	.68	.72	1.57	1.48	1.99	1.39	.64	.40	.25	.75	.16
IN.	1.06	.76	.83	1.81	1.55	2.30	1.55	.73	.44	.29	.86	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1991, BY WATER YEAR (WY)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	11.8	17.0	29.0	42.1	45.9	54.3	35.0	14.0	14.0	13.5	24.4	12.8													
MAX	56.5	78.3	57.1	87.0	101	179	93.3	34.3	66.2	43.0	137	59.0													
(WY)	1972	1986	1984	1975	1983	1983	1983	1978	1969	1984	1974	1974													
MIN	.055	1.94	3.25	4.32	10.4	7.13	4.24	2.85	1.60	.96	.42	.22													
(WY)	1979	1985	1985	1981	1981	1981	1981	1986	1986	1987	1987	1980													

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1967 - 1991

ANNUAL TOTAL	5375.72	9108.93	26.6
ANNUAL MEAN	14.7	25.0	48.4
HIGHEST ANNUAL MEAN			14.0
LOWEST ANNUAL MEAN			1969
HIGHEST DAILY MEAN	89	207	755
LOWEST DAILY MEAN	.41	.52	.00
ANNUAL SEVEN-DAY MINIMUM	.58	1.5	.00
INSTANTANEOUS PEAK FLOW		228	890
INSTANTANEOUS PEAK STAGE		6.25	9.15
INSTANTANEOUS LOW FLOW		.46	.00
ANNUAL RUNOFF (CFSM)	.54	.91	.97
ANNUAL RUNOFF (INCHES)	7.30	12.37	13.19
10 PERCENT EXCEEDS	28	51	62
50 PERCENT EXCEEDS	14	19	14
90 PERCENT EXCEEDS	2.8	4.8	2.0

* No flow for many days in 1978, 1983, and 1984.

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.--August 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, June 7 - 18, 24 to Aug. 1, July 19 to Aug. 21, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.41	38	34	35	57	31	57	65	62	29	50	9.1
2	.39	34	33	35	47	92	49	51	276	36	150	8.8
3	.32	32	42	34	44	237	43	44	86	47	130	7.4
4	.52	32	71	36	42	361	42	41	60	36	60	6.5
5	.97	29	47	34	39	119	50	82	48	64	40	6.9
6	.73	27	38	31	39	77	64	644	42	406	35	6.5
7	.90	25	36	36	53	67	48	141	35	67	40	9.4
8	.68	25	47	44	57	59	49	82	34	47	55	11
9	.53	32	41	39	46	53	84	67	34	41	48	6.8
10	582	108	37	36	40	49	90	64	33	37	40	5.3
11	2600	59	34	53	38	46	63	83	30	33	48	4.9
12	479	44	33	83	35	44	48	138	27	30	140	4.5
13	199	39	32	57	35	70	44	143	30	25	160	4.1
14	122	34	35	47	43	111	48	108	34	21	80	4.4
15	87	32	34	42	36	68	70	84	32	18	84	4.0
16	71	32	32	87	31	53	60	82	30	18	45	4.1
17	61	31	32	65	30	49	49	67	27	23	30	9.8
18	60	29	31	50	32	55	45	58	40	23	23	6.0
19	57	29	33	47	31	50	93	112	63	35	19	16
20	47	28	33	70	31	43	122	92	141	50	16	86
21	44	27	59	58	30	41	147	73	54	30	15	30
22	54	28	46	45	35	39	94	62	45	22	13	18
23	463	27	40	41	74	39	69	55	39	18	11	13
24	173	27	36	50	62	35	57	52	30	15	11	14
25	92	26	31	72	46	33	47	47	27	17	18	29
26	104	26	30	57	39	33	59	45	26	14	29	32
27	67	24	35	48	34	33	60	79	24	13	24	20
28	56	44	45	45	32	35	58	88	23	20	20	14
29	50	65	39	42	---	92	51	54	24	140	17	11
30	45	43	38	73	---	216	101	45	26	120	15	9.0
31	42	---	39	88	---	81	---	41	---	54	11	---
TOTAL	5560.45	1076	1193	1580	1158	2411	1961	2889	1482	1549	1477	411.5
MEAN	179	35.9	38.5	51.0	41.4	77.8	65.4	93.2	49.4	50.0	47.6	13.7
MAX	2600	108	71	88	74	361	147	644	276	406	160	86
MIN	.32	24	30	31	30	31	42	41	23	13	11	4.0
CFSM	7.38	1.48	1.58	2.10	1.70	3.20	2.69	3.84	2.03	2.06	1.96	.56
IN.	8.51	1.65	1.83	2.42	1.77	3.69	3.00	4.42	2.27	2.37	2.26	.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 1991, BY WATER YEAR (WY)

	MEAN	21.2	19.0	27.5	43.6	44.4	57.5	35.3	22.9	11.7	11.6	12.8	7.50
MAX	179	47.8	59.5	91.3	73.4	101	72.8	93.2	49.4	50.0	47.6	21.3	
(WY)	1991	1980	1977	1978	1979	1980	1979	1991	1991	1991	1991	1979	
MIN	1.18	3.02	5.37	7.80	15.9	13.5	5.92	.79	.26	.009	.23	.59	
(WY)	1984	1985	1985	1981	1986	1985	1985	1981	1986	1986	1983	1983	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1976 - 1991
ANNUAL TOTAL	12764.84	22747.95	
ANNUAL MEAN	35.0	62.3	26.2
HIGHEST ANNUAL MEAN			62.3
LOWEST ANNUAL MEAN			10.7
HIGHEST DAILY MEAN	2600 Oct 11	2600 Oct 11	2600 Oct 11
LOWEST DAILY MEAN	.00 Aug 2	.32 Oct 3	* .00 Aug 15
ANNUAL SEVEN-DAY MINIMUM	.02 Jul 31	.61 Oct 1	* .00 Aug 15
INSTANTANEOUS PEAK FLOW		** 8960 Oct 11	** 8960 Oct 11
INSTANTANEOUS PEAK STAGE		13.32 Oct 11	13.32 Oct 11
ANNUAL RUNOFF (CFSM)	1.44	2.56	1.08
ANNUAL RUNOFF (INCHES)	19.54	34.82	14.64
10 PERCENT EXCEEDS	56	92	56
50 PERCENT EXCEEDS	23	41	14
90 PERCENT EXCEEDS	.48	14	1.0

* No flow occurred on many days in 1983, 1986, 1987, 1988 and 1990.

** Based on rating curve extended above 1,200 ft³/s on basis of slope-area computation.

PEE DEE RIVER BASIN
02131320 LITTLE FORK CREEK AT JEFFERSON, SC

LOCATION.--Lat 34°38'13'', long 80°24'23'', Chesterfield County, Hydrologic Unit 03040202, on downstream side, at center of span on State Highway 265 bridge, 0.9 mi south of intersection of State Highways 265 and 151, at Jefferson.

DRAINAGE AREA.--15.0 mi².

PERIOD OF RECORD.--October 1990 to September 1991.

GAGE.--Water-stage recorder. Elevation of gage is 300 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good except those above 30 ft³/s, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	24	17	18	31	17	29	28	40	8.5	21	8.2
2	30	23	16	17	26	61	25	22	108	8.7	59	7.9
3	30	21	22	17	24	278	23	18	35	29	54	7.8
4	32	20	40	17	23	185	21	18	23	19	25	7.2
5	33	19	25	16	22	61	26	100	19	127	17	6.9
6	34	18	21	15	21	43	34	377	16	92	14	6.8
7	35	17	19	17	29	39	25	61	15	29	15	7.0
8	36	16	22	20	33	33	26	35	14	24	23	6.7
9	36	24	20	19	26	29	55	29	13	22	19	5.5
10	433	71	18	16	22	27	48	31	13	16	17	4.4
11	1400	35	17	27	20	25	30	31	12	14	18	4.1
12	230	26	16	52	19	23	24	31	11	11	56	3.7
13	109	22	16	32	18	37	22	42	11	10	59	3.4
14	61	21	16	24	24	58	24	33	12	8.6	31	3.5
15	43	20	16	21	21	34	31	45	13	7.7	32	3.3
16	33	20	15	49	17	28	30	31	12	8.5	23	3.8
17	27	19	15	35	16	26	23	24	11	8.5	18	3.7
18	28	18	14	27	17	28	22	24	11	8.5	15	3.4
19	26	16	15	25	17	27	63	72	42	15	13	13
20	22	16	16	37	17	23	76	45	45	17	12	9.0
21	21	15	30	31	17	22	95	32	22	10	11	4.5
22	32	15	24	24	19	21	50	26	16	8.2	9.6	3.8
23	389	15	21	22	45	20	33	23	13	7.0	9.1	3.8
24	90	15	19	26	38	20	29	20	12	6.2	8.7	3.4
25	53	14	17	39	26	18	24	19	11	6.6	11	5.8
26	63	14	16	30	23	17	28	18	10	5.9	15	8.2
27	42	13	16	25	20	17	28	60	9.6	6.1	14	6.4
28	44	23	20	23	18	18	26	38	9.2	11	13	4.5
29	31	29	18	22	---	84	24	22	8.8	55	11	3.7
30	28	21	17	41	---	121	49	18	8.3	52	10	3.4
31	26	---	19	52	---	39	---	17	---	22	9.1	---
TOTAL	3527	640	593	836	649	1479	1043	1390	595.9	674.0	662.5	166.8
MEAN	114	21.3	19.1	27.0	23.2	47.7	34.8	44.8	19.9	21.7	21.4	5.56
MAX	1400	71	40	52	45	278	95	377	108	127	59	13
MIN	21	13	14	15	16	17	21	17	8.3	5.9	8.7	3.3
CFSM	7.58	1.42	1.28	1.80	1.55	3.18	2.32	2.99	1.32	1.45	1.42	.37
IN.	8.75	1.59	1.47	2.07	1.61	3.67	2.59	3.45	1.48	1.67	1.64	.41

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

	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991
MEAN	114	21.3	19.1	27.0	23.2	47.7	34.8	44.8	19.9	21.7	21.4	5.56
MAX	114	21.3	19.1	27.0	23.2	47.7	34.8	44.8	19.9	21.7	21.4	5.56
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991
MIN	114	21.3	19.1	27.0	23.2	47.7	34.8	44.8	19.9	21.7	21.4	5.56
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991

SUMMARY STATISTICS

FOR 1991 WATER YEAR

ANNUAL TOTAL	12256.2
ANNUAL MEAN	33.6
HIGHEST DAILY MEAN	1400
LOWEST DAILY MEAN	3.3
ANNUAL SEVEN-DAY MINIMUM	3.5
INSTANTANEOUS PEAK FLOW	* 2440
INSTANTANEOUS PEAK STAGE	12.83
ANNUAL RUNOFF (CFSM)	2.24
ANNUAL RUNOFF (INCHES)	30.40

* Based on rating curve extended above 1,200 ft³/s.

PEE DEE RIVER BASIN
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.--Records good except for estimated daily discharges, Nov. 8, to Dec. 7, May 14 - 16, 24, 25, 29 - 31, June 4 - 13, 16, 17, June 21 to July 14, Aug. 12 - 21, which are poor. Some possible regulation by Kershaw City Reservoir located about 1 mile upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	19	20	20	46	18	53	25	30	10	52	20
2	.99	17	19	19	36	86	42	23	45	10	160	19
3	.88	16	50	19	31	467	35	25	27	9.5	49	19
4	2.1	15	130	19	28	358	32	690	19	12	26	18
5	2.4	15	39	18	26	98	53	192	17	16	19	18
6	1.2	15	26	17	24	58	67	72	17	12	20	17
7	.90	14	22	19	87	47	42	49	16	9.5	199	17
8	.74	14	26	22	141	36	59	44	15	11	349	16
9	1.9	110	23	20	51	31	106	38	15	9.5	340	15
10	360	190	21	18	37	28	131	36	14	8.5	122	13
11	1080	40	20	33	30	26	62	50	13	8.0	91	13
12	538	29	19	72	26	24	45	88	13	7.5	55	12
13	156	23	18	41	24	47	39	51	15	7.0	50	11
14	66	21	19	31	29	93	41	30	27	15	100	12
15	38	20	18	27	23	45	37	50	31	20	300	11
16	26	19	18	51	19	35	34	80	17	12	100	13
17	21	19	18	38	19	31	33	57	15	14	40	14
18	21	18	17	30	18	37	57	41	27	14	25	12
19	18	18	19	30	18	31	55	81	47	15	20	11
20	15	18	22	49	18	25	45	62	44	11	25	12
21	13	17	40	38	17	23	33	48	17	9.6	30	10
22	20	17	28	29	24	23	29	40	15	10	21	10
23	649	17	25	26	67	24	25	34	14	7.8	20	9.7
24	128	16	23	32	51	22	27	22	13	12	20	9.7
25	81	16	20	48	32	21	27	21	13	17	23	15
26	145	15	18	42	26	20	30	20	12	9.7	25	22
27	53	17	19	35	22	20	28	30	12	9.3	22	16
28	36	19	25	31	19	25	89	31	11	40	24	11
29	28	40	22	28	---	133	47	21	11	34	36	10
30	23	23	22	61	---	329	32	20	11	38	23	9.9
31	21	---	22	94	---	81	---	18	---	30	21	---
TOTAL	3548.31	847	828	1057	989	2342	1435	2089	593	448.9	2407	416.3
MEAN	114	28.2	26.7	34.1	35.3	75.5	47.8	67.4	19.8	14.5	77.6	13.9
MAX	1080	190	130	94	141	467	131	690	47	40	349	22
MIN	.74	14	17	17	17	18	25	18	11	7.0	19	9.7
CFSM	4.79	1.18	1.12	1.43	1.48	3.16	2.00	2.82	.83	.61	3.25	.58
IN.	5.52	1.32	1.29	1.65	1.54	3.65	2.23	3.25	.92	.70	3.75	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

	MEAN	21.8	17.5	29.0	36.2	42.8	48.2	33.6	22.3	10.4	12.9	18.2	13.0
MAX	114	53.3	58.8	85.5	70.2	98.2	67.4	67.4	28.3	39.6	77.6	44.9	
(WY)	1991	1986	1984	1987	1990	1983	1983	1991	1982	1989	1991	1989	
MIN	1.70	2.84	6.22	8.75	18.1	13.2	8.30	5.09	.99	.27	3.05	1.94	
(WY)	1984	1982	1985	1981	1986	1985	1985	1981	1986	1986	1983	1981	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1981 - 1991
ANNUAL TOTAL	11586.51	17000.51	
ANNUAL MEAN	31.7	46.6	25.4
HIGHEST ANNUAL MEAN			46.6
LOWEST ANNUAL MEAN			10.2
HIGHEST DAILY MEAN	1080	1080	1080
LOWEST DAILY MEAN	.74	.74	.13
ANNUAL SEVEN-DAY MINIMUM	1.3	1.3	.19
INSTANTANEOUS PEAK FLOW		** 1770	** 1770
INSTANTANEOUS PEAK STAGE		10.69	10.69
ANNUAL RUNOFF (CFSM)	1.33	1.95	1.06
ANNUAL RUNOFF (INCHES)	18.03	26.46	14.46
10 PERCENT EXCEEDS	46	81	49
50 PERCENT EXCEEDS	18	23	14
90 PERCENT EXCEEDS	2.4	11	2.2

* Also occurred on July 21, 30, 1986.

** Based on rating curve extended above 960 ft³/s.

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.--October 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.--Records good except for estimated daily discharges, Jan. 1, 2, 7 - 9, July 4 - 9, Aug. 19 - 22, Sept. 7 - 13, 27 - 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	258	5650	1050	1260	2850	1370	2560	2190	1530	577	1310	768
2	249	4740	1030	1240	2840	1570	2580	1870	1360	525	2060	751
3	245	3920	1000	1180	2820	2030	2610	1570	1230	495	2760	713
4	244	3270	961	1120	2660	3020	2580	1390	1140	484	2740	669
5	241	2790	944	1080	2450	3950	2530	1310	1050	501	2450	626
6	239	2470	942	1070	2250	4530	2850	1270	1010	573	2290	583
7	237	2210	957	1070	2140	4540	3420	1280	1000	661	2180	556
8	236	1970	1030	1100	2220	4060	3390	1440	1020	704	2030	549
9	238	1770	1090	1150	2410	3590	2920	1710	1100	763	1870	541
10	301	1830	1110	1130	2460	4520	2430	1850	1300	817	1760	517
11	1660	1850	1110	1120	2360	5680	2030	1750	1550	827	1870	501
12	2450	1740	1130	1240	2190	5420	1740	1730	1550	839	2610	478
13	2130	1660	1180	1310	1990	4630	1580	3050	1270	852	2890	454
14	1730	1590	1250	1290	1820	3920	1520	4520	942	769	2720	439
15	1760	1520	1280	1270	1700	3330	1510	4570	748	636	2770	422
16	3640	1460	1290	1320	1650	2900	1610	3820	679	563	2510	410
17	9910	1420	1270	1380	1660	2640	1850	2930	644	534	2250	402
18	13500	1390	1230	1390	1660	2450	2070	2300	647	528	2050	397
19	11900	1400	1200	1390	1620	2290	2050	1950	680	548	1910	395
20	9170	1500	1170	1680	1540	2170	1870	1800	706	570	2120	414
21	7080	1680	1270	2040	1450	2180	1680	1790	776	613	2370	464
22	5320	1760	1260	2350	1370	2290	1540	1860	794	653	2610	452
23	4940	1720	1210	2440	1350	2330	1430	1940	799	643	2530	456
24	4800	1630	1150	2390	1360	2220	1340	2010	812	625	2290	490
25	4390	1520	1090	2570	1340	2020	1270	2020	858	576	2010	546
26	4020	1410	1040	2660	1360	1810	1240	2060	933	498	1510	567
27	3660	1320	1010	2620	1390	1650	1320	2340	947	458	1070	514
28	3280	1240	1040	2530	1380	1520	1650	2630	858	476	855	510
29	3420	1170	1100	2460	---	1520	2120	2560	754	444	776	507
30	5280	1100	1160	2510	---	2420	2320	2230	658	589	759	510
31	6190	---	1230	2810	---	2580	---	1830	---	1010	766	---
TOTAL	112718	60700	34784	52170	54290	91150	61610	67570	29345	19351	62696	15601
MEAN	3636	2023	1122	1683	1939	2940	2054	2180	978	624	2022	520
MAX	13500	5650	1290	2810	2850	5680	3420	4570	1550	1010	2890	768
MIN	236	1100	942	1070	1340	1370	1240	1270	644	444	759	395
IN.	4.07	2.19	1.26	1.88	1.96	3.29	2.23	2.44	1.06	.70	2.26	.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1991, BY WATER YEAR (WY)

	MEAN	693	684	1020	1463	1730	1956	1564	814	594	674	693	690
MAX	3932	2347	3320	2999	4747	4874	4930	2180	1934	2331	2181	6326	
(WY)	1965	1948	1949	1982	1973	1983	1936	1991	1973	1975	1971	1945	
MIN	163	207	276	350	495	500	453	241	194	125	158	116	
(WY)	1952	1932	1934	1934	1934	1938	1985	1981	1986	1986	1954	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1930 - 1991

ANNUAL TOTAL	426461	661985	
ANNUAL MEAN	1168	1814	1045
HIGHEST ANNUAL MEAN			1823
LOWEST ANNUAL MEAN			451
HIGHEST DAILY MEAN	13500	Oct 18	24500
LOWEST DAILY MEAN	189	Aug 6	95
ANNUAL SEVEN-DAY MINIMUM	193	Aug 5	97
INSTANTANEOUS PEAK FLOW			25000
INSTANTANEOUS PEAK STAGE			18.87
INSTANTANEOUS LOW FLOW			236
ANNUAL RUNOFF (INCHES)	15.40	23.91	13.78
10 PERCENT EXCEEDS	2000	3140	2260
50 PERCENT EXCEEDS	1000	1500	686
90 PERCENT EXCEEDS	238	522	259

PEE DEE RIVER BASIN

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 1990 TO SEPTEMBER 1991

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP-TOCOCOCI, KF AGAR (COLS. PER 100 ML)	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)	PH (STAND-ARD UNITS)	PH LAB (STAND-ARD UNITS)
NOV 19...	1645	1400	760	11.0	K59	89	11	8.2	75	15	6.6	6.7
JAN 14...	1430	1240	770	9.0	110	130	13	10.0	86	16	6.6	7.2
MAR 19...	1430	2210	761	15.0	670	K63	9.9	7.7	76	13	6.7	6.8
MAY 22...	0730	1840	770	21.0	K75	360	15	6.4	71	16	6.9	7.3
JUL 18...	1230	530	760	26.0	100	230	21	6.3	78	16	7.0	7.2
SEP 27...	0740	514	760	21.0	K47	80	18	6.5	73	14	7.1	7.1

DATE	SPE-CIFIC CON-DUCT ANCE (US/CM)	SPE-CIFIC CON-DUCT ANCE LAB (US/CM)	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 19...	64	67	4.1	3.4	1.6	2.0	6.4	44	0.7	9	7.3	<0.10
JAN 14...	72	78	7.0	3.8	1.5	1.6	8.2	50	0.9	12	9.9	<0.10
MAR 19...	60	62	6.9	3.2	1.3	1.8	5.8	45	0.7	9	6.3	<0.10
MAY 22...	65	63	7.0	3.7	1.6	1.5	6.3	44	0.7	15	5.0	<0.10
JUL 18...	107	100	4.0	3.8	1.5	1.5	13	62	1	15	10	0.20
SEP 27...	110	104	5.0	3.3	1.3	1.9	14	66	2	17	8.5	<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, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
NOV 19...	6.1	6.5	57	39	0.08	215	--	<0.010	<0.010	<0.100	<0.100
JAN 14...	8.3	5.2	60	48	0.08	201	0.580	<0.010	0.020	0.600	0.600
MAR 19...	7.2	1.5	42	32	0.06	251	--	<0.010	<0.010	0.190	0.190
MAY 22...	3.5	6.4	73	38	0.10	382	--	0.010	<0.010	0.240	0.220
JUL 18...	11	7.7	64	58	0.09	91.6	--	0.010	<0.010	0.450	0.440
SEP 27...	12	7.7	78	59	0.11	108	--	<0.010	<0.010	0.250	0.240

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DATE	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)	PHOS- PHORUS ORTHO TOTAL (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)
NOV 19...	0.050	0.06	0.050	0.75	0.80	--	<0.010	<0.010	0.010	0.010	100
JAN 14...	0.050	0.06	0.060	0.64	0.70	0.12	0.040	0.050	0.060	0.110	90
MAR 19...	0.020	0.03	0.040	0.56	0.60	0.03	0.010	<0.010	0.020	0.030	--
MAY 22...	0.030	0.04	0.020	0.78	0.80	--	<0.010	0.020	0.040	0.060	110
JUL 18...	0.040	0.05	0.030	0.47	0.50	--	<0.010	0.020	0.030	0.070	--
SEP 27...	0.030	0.04	0.040	0.56	0.60	0.09	0.030	0.040	0.040	0.060	50

DATE	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)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDE (MG/L)	MENT, DIS- CHARGE, SUS- PENDE (T/DAY)
NOV 19...	<1	25	<0.5	1.0	<1	<3	7	510	7	9	34
JAN 14...	1	24	<0.5	<1.0	<1	<3	3	430	<1	4	13
MAR 19...	--	--	--	--	--	--	--	--	--	4	24
MAY 22...	<1	51	<0.5	<1.0	<1	6	3	1400	1	5	26
JUL 18...	--	--	--	--	--	--	--	--	--	9	13
SEP 27...	<1	31	<0.5	<1.0	<1	<3	5	620	<1	9	12

DATE	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)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
NOV 19...	<4	31	100	<0.1	<10	2	<1	<1.0	22	<6	12
JAN 14...	<4	35	96	<0.1	<10	<1	<1	<1.0	23	<6	5
MAR 19...	--	--	100	--	--	--	--	--	--	--	--
MAY 22...	<4	38	98	<0.1	<10	<1	<1	<1.0	27	<6	22
JUL 18...	--	--	97	--	--	--	--	--	--	--	--
SEP 27...	<4	60	99	0.1	<10	<1	<1	<1.0	21	<6	14

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

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

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

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

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	224	1420	1370	2160	5950	2900	4320	4140	1220	1690	1190	3360
2	218	1450	1290	2170	6230	3030	4870	4030	1180	1600	1450	3100
3	215	1520	1230	2160	6440	3240	5320	3780	1170	1540	1680	2930
4	211	1630	1200	2160	6420	3550	5810	3520	1150	1630	2000	2790
5	212	1730	1170	2150	6260	3890	6200	3300	1090	1850	2610	2630
6	210	1800	1160	2130	6060	4260	6390	3150	1020	1720	3290	2450
7	208	1850	1160	2120	5870	4570	6280	2960	937	1570	3880	2280
8	206	1880	1230	2270	5780	4790	6020	2750	855	1390	4280	2120
9	204	1920	1300	2320	5600	4950	5710	2620	796	1210	4600	1980
10	208	2330	1390	2370	5380	5100	5320	2520	755	1060	4760	1880
11	402	2480	1490	2480	5130	5200	4950	2330	719	946	4720	1780
12	637	2700	1560	2630	4870	5220	4610	2180	678	903	4790	1660
13	992	2850	1610	2720	4640	5190	4310	2110	632	878	4980	1490
14	1310	2830	1660	2840	4480	5110	4070	2120	584	846	5440	1300
15	1840	2740	1690	2910	4280	4940	3840	2050	537	807	5960	1120
16	2270	2660	1690	3000	4100	4860	3570	2030	501	776	6260	963
17	2210	2590	1680	3010	3930	4810	3310	2060	474	763	6180	837
18	1910	2480	1660	3010	3770	4760	3130	2100	472	769	5850	758
19	1610	2350	1640	3040	3610	4730	2980	2140	548	818	5290	706
20	1380	2220	1670	3290	3470	4690	2870	2180	635	833	4830	745
21	1240	2080	1790	3470	3310	4640	2790	2160	689	841	4500	824
22	1190	1980	1890	3780	3190	4550	2770	2130	718	853	4300	856
23	1280	1910	2010	4140	3130	4440	2820	2090	759	851	4120	854
24	1320	1840	2080	4500	3070	4280	3010	2040	795	848	3950	962
25	1370	1780	2130	4740	3030	4110	3240	1970	851	844	3830	1250
26	1440	1720	2200	4770	3010	3910	3540	1850	1000	830	3820	1240
27	1480	1660	2240	4850	2980	3740	3900	1750	1220	820	4140	1300
28	1490	1610	2240	5010	2940	3560	4160	1670	1440	878	4620	1390
29	1480	1540	2220	5100	---	3460	4260	1550	1620	928	4660	1460
30	1450	1450	2200	5410	---	3720	4230	1430	1720	958	4240	1530
31	1430	---	2180	5740	---	3870	---	1320	---	1070	3770	---
TOTAL	31847	61000	52030	102450	126930	134070	128600	74030	26765	33320	129990	48545
MEAN	1027	2033	1678	3305	4533	4325	4287	2388	892	1075	4193	1618
MAX	2270	2850	2240	5740	6440	5220	6390	4140	1720	1850	6260	3360
MIN	204	1420	1160	2120	2940	2900	2770	1320	472	763	1190	706
CFSM	.37	.73	.60	1.18	1.62	1.55	1.54	.86	.32	.39	1.50	.58
IN.	.42	.81	.69	1.37	1.69	1.79	1.71	.99	.36	.44	1.73	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1991, BY WATER YEAR (WY)

	MEAN	1884	1793	2809	4149	5296	5957	4675	2311	1797	1961	2407	2319
MAX	14020	9623	10680	9146	15610	14710	12450	7308	7167	6650	11460	12410	
(WY)	1965	1948	1949	1946	1973	1983	1973	1978	1966	1961	1974	1945	
MIN	344	499	821	1082	1361	1607	962	557	432	238	281	212	
(WY)	1952	1974	1952	1952	1989	1981	1981	1981	1990	1990	1954	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1942 - 1991

ANNUAL TOTAL	594709	949577	3116	
ANNUAL MEAN	1629	2602	5947	
HIGHEST ANNUAL MEAN			1371	1965
LOWEST ANNUAL MEAN			1371	1951
HIGHEST DAILY MEAN	5440	Jan 16	27500	Oct 9 1964
LOWEST DAILY MEAN	180	Jul 13	158	Oct 12 1954
ANNUAL SEVEN-DAY MINIMUM	187	Jul 8	164	Oct 8 1954
INSTANTANEOUS PEAK FLOW			27600	Oct 9 1964
INSTANTANEOUS PEAK STAGE			13.01	Oct 9 1964
INSTANTANEOUS LOW FLOW			155	Oct 12 1954
ANNUAL RUNOFF (CFSM)	.58		1.12	
ANNUAL RUNOFF (INCHES)	7.93		15.17	
10 PERCENT EXCEEDS	3270	4950	7090	
50 PERCENT EXCEEDS	1370	2160	2080	
90 PERCENT EXCEEDS	238	819	629	

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. (Revised).

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, 174 microsiemens, Oct. 1; minimum, 62 microsiemens, Mar. 15 - 17.

WATER TEMPERATURE: Maximum, 31.0°C, July 25 - 27; minimum, 6.5°C, Jan. 27.

DISSOLVED OXYGEN: Maximum, 9.5 mg/L, Feb. 18, 19, 28, Mar. 1, 2; minimum, 1.8 mg/L, Sept. 14.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	174	140	159	96	94	95	90	83	87	81	79	80
2	148	127	138	97	95	96	87	83	86	81	78	80
3	140	130	135	96	95	95	86	82	84	81	78	79
4	140	134	137	96	94	95	89	84	87	82	80	81
5	152	130	140	95	92	93	91	85	88	82	80	81
6	153	138	147	92	90	91	96	87	90	83	82	83
7	161	137	146	92	90	90	94	85	90	84	82	83
8	160	144	150	96	92	94	90	85	88	82	80	81
9	148	138	142	98	96	97	87	82	84	81	79	80
10	145	138	143	105	98	101	88	85	87	80	79	80
11	151	136	141	108	105	106	89	86	87	81	79	80
12	142	127	132	116	108	111	90	87	88	80	76	78
13	152	119	136	122	116	119	91	87	89	77	75	76
14	117	103	110	124	118	121	88	86	87	77	75	75
15	103	92	98	119	116	117	89	85	87	75	74	75
16	98	90	94	116	114	115	89	85	87	74	72	73
17	92	87	90	115	112	114	91	86	89	72	70	71
18	92	88	90	112	109	111	89	85	87	71	69	70
19	91	88	89	110	106	108	87	83	86	70	68	69
20	91	88	89	105	101	104	88	85	87	68	66	67
21	89	88	89	101	99	100	92	88	90	67	66	66
22	87	85	86	100	97	98	89	86	87	67	66	66
23	94	86	89	98	93	96	91	89	90	67	66	67
24	95	86	92	94	89	91	94	87	91	68	66	67
25	86	85	85	90	86	88	86	77	82	67	66	66
26	86	84	85	86	84	85	85	79	82	68	66	67
27	89	86	87	86	84	84	85	84	84	69	67	68
28	91	88	89	84	82	83	84	82	83	69	67	68
29	93	90	91	90	82	86	83	81	82	69	68	68
30	94	93	93	91	84	88	82	79	81	70	67	68
31	95	94	94	---	---	---	80	78	79	68	67	67
MONTH	174	84	112	124	82	99	96	77	86	84	66	74

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 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	69	67	68	79	76	77	77	75	76	71	69	70
2	69	68	68	85	79	83	76	74	75	72	71	71
3	69	68	68	81	78	80	75	71	73	73	71	72
4	70	67	68	78	76	77	72	70	71	73	72	73
5	70	68	68	78	76	77	70	68	69	74	72	73
6	70	68	69	76	75	75	68	66	67	73	72	73
7	71	69	70	78	73	76	67	65	66	73	72	73
8	71	69	70	73	69	71	65	64	65	74	73	73
9	72	69	70	70	67	69	65	64	64	75	73	74
10	73	71	72	68	66	67	65	64	64	74	72	73
11	72	71	72	66	64	65	65	64	64	73	71	72
12	73	71	72	65	63	64	65	64	64	73	71	72
13	72	71	71	64	63	64	66	65	65	75	73	74
14	73	71	71	64	63	63	66	65	66	76	75	75
15	74	72	73	63	62	63	67	66	67	76	74	75
16	76	74	75	63	62	62	69	67	67	76	75	75
17	80	75	78	64	62	63	70	68	69	77	75	76
18	80	77	79	65	63	64	72	70	71	77	76	76
19	78	77	78	66	64	65	73	71	72	78	76	77
20	79	76	77	67	66	66	74	73	73	77	76	76
21	80	76	78	68	66	67	75	72	74	78	77	78
22	90	78	83	69	67	68	76	74	75	79	76	77
23	80	76	77	69	68	69	76	74	75	78	76	77
24	87	79	82	70	69	70	74	73	74	79	76	77
25	86	81	83	71	70	71	73	71	72	79	77	78
26	81	78	79	72	71	71	72	70	71	79	77	78
27	80	75	78	72	71	71	71	69	70	78	76	77
28	78	75	77	72	71	72	70	69	70	78	77	77
29	---	---	---	74	72	72	70	69	69	---	---	---
30	---	---	---	75	72	73	70	69	70	---	---	---
31	---	---	---	77	75	76	---	---	---	80	78	79
MONTH	90	67	74	85	62	70	77	64	70	80	69	75
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	79	76	78	113	105	110	105	91	98	83	78	80
2	78	76	77	107	100	104	97	89	94	81	78	79
3	82	78	80	106	103	104	87	78	81	83	80	81
4	85	82	84	105	103	104	81	78	80	84	81	82
5	86	84	85	107	96	102	81	79	80	85	82	83
6	88	81	86	102	94	98	84	80	82	96	82	89
7	81	79	80	94	83	88	81	78	79	104	91	97
8	85	79	82	85	82	84	78	76	77	114	99	105
9	96	85	91	96	82	91	77	76	76	104	95	99
10	96	90	92	98	94	96	78	75	77	107	96	100
11	94	91	93	96	92	94	80	79	79	103	93	96
12	94	92	93	98	93	96	80	77	78	120	94	102
13	95	93	93	96	91	93	78	76	77	125	104	112
14	99	95	97	93	90	92	76	74	75	129	110	117
15	104	95	99	91	88	90	74	71	73	120	104	110
16	101	93	97	91	88	89	72	69	70	117	99	105
17	102	93	96	91	88	90	71	69	70	116	105	110
18	104	97	101	92	89	90	74	70	72	118	107	112
19	103	97	99	99	94	96	74	72	74	114	106	110
20	110	98	102	102	96	98	73	71	72	130	108	120
21	115	111	113	117	104	110	73	71	72	130	121	127
22	110	102	105	130	97	109	72	71	72	143	124	136
23	112	99	108	100	97	99	72	71	72	142	129	136
24	106	92	95	100	97	98	76	71	72	148	128	137
25	110	95	103	109	100	105	79	77	78	148	120	133
26	101	93	95	125	109	116	78	77	78	127	117	122
27	109	98	102	125	117	121	79	77	78	136	119	124
28	115	102	108	139	119	126	85	78	81	131	120	126
29	115	105	109	119	110	114	85	80	82	127	115	121
30	111	102	106	115	111	112	88	80	84	123	113	115
31	---	---	---	112	106	110	85	81	83	---	---	---
MONTH	115	76	95	139	82	101	105	69	78	148	78	109
YEAR	174	62	87									

PEE DEE RIVER BASIN

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

PEE DEE RIVER BASIN

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.2	6.6	7.0	5.3	5.2	5.2	8.0	7.3	7.6	---	---	---
2	7.1	6.6	6.8	5.4	5.3	5.3	8.2	7.6	7.8	---	---	---
3	6.8	6.6	6.7	5.4	5.4	5.4	8.2	7.6	7.9	---	---	---
4	6.7	6.4	6.5	5.4	5.3	5.4	7.9	6.6	7.4	---	---	---
5	6.6	6.0	6.4	5.3	5.2	5.3	6.8	6.4	6.5	---	---	---
6	6.6	6.1	6.4	5.2	5.2	5.2	7.8	6.5	7.1	---	---	---
7	6.7	6.3	6.5	5.2	5.1	5.1	8.5	7.6	8.1	---	---	---
8	6.9	6.4	6.6	5.1	5.1	5.1	8.6	8.3	8.5	---	---	---
9	6.7	6.4	6.6	5.3	5.1	5.1	8.3	8.1	8.2	---	---	---
10	6.5	6.3	6.4	5.4	5.1	5.3	8.1	7.9	8.0	8.8	8.5	8.7
11	6.8	6.0	6.5	5.1	5.0	5.0	8.0	7.8	7.9	9.0	8.8	8.9
12	6.3	5.4	5.8	5.0	5.0	5.0	7.9	7.3	7.6	8.8	8.6	8.7
13	6.1	5.3	5.7	5.2	5.0	5.1	7.8	7.2	7.5	8.6	8.4	8.5
14	6.1	4.9	5.3	5.5	5.2	5.4	8.6	7.6	8.1	8.4	8.3	8.4
15	5.1	4.2	4.6	5.7	5.6	5.7	8.8	8.1	8.4	8.4	8.3	8.3
16	4.5	4.1	4.3	5.9	5.8	5.9	8.7	7.9	8.3	8.4	8.2	8.3
17	4.2	3.8	4.0	6.0	5.9	5.9	9.0	8.1	8.6	8.3	8.2	8.2
18	3.8	3.5	3.6	6.1	5.9	6.0	8.4	7.7	8.1	8.3	8.2	8.2
19	3.5	3.4	3.4	6.3	6.2	6.3	7.9	7.2	7.6	8.5	8.2	8.3
20	3.7	3.5	3.5	6.4	6.3	6.4	8.1	7.3	7.7	8.6	8.4	8.5
21	3.9	3.7	3.8	6.6	6.4	6.5	8.7	7.7	8.1	8.4	8.4	8.4
22	4.1	3.9	4.0	6.7	6.5	6.6	8.6	7.9	8.2	8.5	8.4	8.4
23	4.2	3.8	4.0	6.5	6.3	6.4	8.7	8.0	8.3	8.7	8.5	8.6
24	3.9	3.8	3.8	6.8	6.4	6.6	8.6	8.1	8.3	8.8	8.6	8.7
25	3.9	3.8	3.8	7.3	6.7	7.0	8.8	8.1	8.5	9.1	8.9	9.0
26	4.0	3.9	4.0	7.4	7.0	7.2	8.5	8.1	8.3	9.2	9.1	9.1
27	4.3	4.0	4.2	7.5	7.0	7.2	8.2	7.8	8.0	9.4	9.2	9.3
28	4.5	4.3	4.4	7.3	6.8	7.0	---	---	---	9.4	9.3	9.4
29	4.7	4.5	4.6	7.1	6.6	6.8	---	---	---	9.4	9.3	9.4
30	5.0	4.7	4.8	7.7	6.8	7.2	---	---	---	9.4	9.2	9.3
31	5.2	5.0	5.1	---	---	---	---	---	---	9.2	9.0	9.1
MONTH	7.2	3.4	5.1	7.7	5.0	5.9	9.0	6.4	7.9	9.4	8.2	8.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.0	8.9	8.9	9.5	9.3	9.4	6.7	6.4	6.5	5.2	5.0	5.1
2	8.8	8.7	8.8	9.5	9.1	9.3	7.0	6.7	6.8	5.0	4.8	4.9
3	8.7	8.6	8.7	9.1	9.0	9.0	7.0	6.8	6.9	4.9	4.8	4.8
4	8.8	8.6	8.7	8.9	8.5	8.7	7.1	6.7	7.0	4.9	4.8	4.9
5	8.7	8.6	8.7	8.5	8.4	8.5	7.0	6.7	6.8	5.0	4.9	4.9
6	8.7	8.6	8.6	8.4	8.3	8.4	6.7	6.5	6.6	5.1	5.0	5.0
7	8.5	8.3	8.4	8.2	8.0	8.1	6.5	6.3	6.4	5.1	5.0	5.0
8	8.4	8.2	8.2	8.0	7.7	7.8	6.3	6.1	6.2	5.2	5.0	5.1
9	8.3	8.2	8.2	7.8	7.6	7.7	6.0	5.9	6.0	5.1	5.0	5.1
10	8.3	8.1	8.2	7.9	7.6	7.7	5.8	5.7	5.8	5.1	5.0	5.0
11	8.3	8.1	8.2	8.1	7.7	7.9	5.7	5.6	5.6	5.0	4.9	5.0
12	8.6	8.3	8.4	8.3	8.0	8.1	5.7	5.6	5.6	5.0	4.9	4.9
13	8.6	8.4	8.5	8.1	8.0	8.1	5.7	5.6	5.6	4.9	4.8	4.8
14	8.5	8.3	8.4	8.3	8.0	8.1	5.6	5.5	5.6	4.8	4.7	4.7
15	8.6	8.4	8.5	8.3	8.0	8.1	5.5	5.2	5.4	4.8	4.6	4.7
16	9.0	8.6	8.7	8.3	8.0	8.1	5.3	5.1	5.2	4.6	4.4	4.5
17	9.3	8.9	9.0	8.3	8.1	8.2	5.1	4.9	5.0	---	---	---
18	9.5	9.2	9.4	8.3	8.1	8.2	4.9	4.8	4.9	---	---	---
19	9.5	9.4	9.5	8.5	8.1	8.3	4.8	4.6	4.7	---	---	---
20	9.4	8.9	9.2	8.6	8.1	8.4	4.8	4.6	4.7	---	---	---
21	9.0	8.8	8.9	8.6	8.1	8.3	5.0	4.8	4.9	---	---	---
22	9.1	8.8	8.9	8.5	8.0	8.2	5.5	5.0	5.3	---	---	---
23	9.1	8.8	9.0	8.3	7.8	8.1	5.8	5.5	5.6	---	---	---
24	9.1	8.7	8.9	8.1	7.6	7.9	5.9	5.8	5.9	---	---	---
25	8.9	8.7	8.8	7.9	7.4	7.6	6.0	5.8	5.9	---	---	---
26	9.0	8.7	8.8	7.8	7.2	7.5	6.0	5.8	5.9	---	---	---
27	9.3	9.0	9.2	7.5	7.1	7.3	5.9	5.8	5.8	---	---	---
28	9.5	9.2	9.4	7.3	6.8	7.0	5.8	5.7	5.7	---	---	---
29	---	---	---	6.8	6.4	6.6	5.7	5.5	5.6	---	---	---
30	---	---	---	6.5	6.1	6.2	5.5	5.2	5.4	---	---	---
31	---	---	---	6.4	6.1	6.2	---	---	---	4.5	4.4	4.4
MONTH	9.5	8.1	8.8	9.5	6.1	8.0	7.1	4.6	5.8	5.2	4.4	4.9

PEE DEE RIVER BASIN

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	145	82	82	247	129	814	123	82	24	269	80
2	16	129	82	82	256	147	515	118	94	22	389	76
3	15	115	83	83	246	213	335	107	112	22	382	65
4	16	104	95	84	212	332	254	96	207	32	367	53
5	19	96	107	84	170	447	208	93	296	41	343	45
6	22	89	108	83	148	556	168	153	200	59	271	41
7	22	85	107	82	142	436	151	220	125	78	204	52
8	21	83	113	82	139	312	141	216	85	79	204	46
9	20	84	119	84	138	243	139	163	62	63	204	40
10	33	115	122	89	139	203	135	139	44	41	216	37
11	1220	139	117	97	141	166	138	115	35	35	303	35
12	4150	140	112	110	138	148	147	94	31	35	391	32
13	2690	144	107	115	130	161	145	107	29	35	607	31
14	1310	147	103	112	123	209	138	134	27	27	1000	30
15	631	141	98	108	113	239	142	125	29	24	752	29
16	366	130	92	116	104	272	139	95	33	34	443	29
17	244	118	87	122	97	288	141	84	33	59	301	29
18	173	106	84	125	93	260	152	82	32	69	231	33
19	140	95	83	125	91	215	144	177	35	74	209	38
20	124	86	82	150	89	174	129	324	67	72	183	53
21	127	83	83	170	86	154	116	231	96	60	124	71
22	136	81	86	176	92	144	106	151	89	50	88	72
23	345	81	89	178	130	134	102	120	75	76	73	69
24	1670	80	94	183	153	124	104	100	66	77	66	69
25	1650	79	98	202	152	114	102	85	56	68	65	68
26	807	79	98	198	156	106	103	78	43	53	64	75
27	449	78	94	192	153	99	110	79	36	48	66	77
28	324	79	90	191	143	97	116	80	32	61	68	75
29	274	82	86	181	---	133	120	82	28	74	70	72
30	230	82	84	200	---	346	125	85	26	137	77	66
31	179	---	83	234	---	621	---	88	---	186	79	---
TOTAL	17439	3095	2968	4120	4021	7222	5379	3944	2205	1815	8109	1588
MEAN	563	103	95.7	133	144	233	179	127	73.5	58.5	262	52.9
MAX	4150	147	122	234	256	621	814	324	296	186	1000	80
MIN	15	78	82	82	86	97	102	78	26	22	64	29
CFSM	5.86	1.07	1.00	1.38	1.50	2.43	1.87	1.33	.77	.61	2.72	.55
IN.	6.76	1.20	1.15	1.60	1.56	2.80	2.08	1.53	.85	.70	3.14	.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1991, BY WATER YEAR (WY)

	MEAN	84.1	93.9	120	151	158	171	133	75.9	68.0	59.1	74.5	62.0
MAX	563	176	230	225	271	309	255	159	209	182	262	270	
(WY)	1991	1986	1984	1987	1973	1971	1983	1975	1973	1975	1991	1979	
MIN	16.9	28.0	64.4	75.5	73.1	72.5	36.6	20.1	14.6	5.81	13.3	12.6	
(WY)	1982	1982	1989	1981	1986	1985	1986	1986	1986	1986	1983	1968	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1968 - 1991

ANNUAL TOTAL	39817.6	61905	104	1991
ANNUAL MEAN	109	170	170	1981
HIGHEST ANNUAL MEAN			57.4	1981
LOWEST ANNUAL MEAN				
HIGHEST DAILY MEAN	4150	Oct 12	4150	Oct 12 1990
LOWEST DAILY MEAN	6.7	Aug 1	15	*Jul 24 1986
ANNUAL SEVEN-DAY MINIMUM	7.3	Jul 31	18	Jul 21 1986
INSTANTANEOUS PEAK FLOW			4500	Oct 12 1990
INSTANTANEOUS PEAK STAGE			11.80	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.14		1.77	1.09
ANNUAL RUNOFF (INCHES)	15.43		23.99	14.76
10 PERCENT EXCEEDS	144		280	207
50 PERCENT EXCEEDS	67		106	80
90 PERCENT EXCEEDS	13		35	19

* Also occurred on July 25, 1986.

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 1990 TO SEPTEMBER 1991

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)	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)	PH (STAND-ARD UNITS)
NOV 20...	1100	86	760	8.0	56	54	2.0	8.1	69	4	5.0
JAN 15...	0830	108	760	6.0	150	160	2.1	10.3	83	5	5.4
MAR 20...	0815	183	763	12.0	K52	K11	1.5	8.0	74	4	5.1
MAY 21...	1330	239	770	20.0	200	630	1.9	6.7	73	5	5.0
JUL 18...	1000	75	760	23.0	1100	1700	2.6	5.7	67	4	5.3
SEP 26...	1030	79	750	20.5	420	400	2.4	5.4	61	5	5.4

DATE	PH LAB (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	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
NOV 20...	5.3	31	28	2.6	0.72	0.56	0.70	2.2	49	0.5	1
JAN 15...	5.5	28	27	5.1	0.73	0.67	0.70	4.5	64	0.9	1
MAR 20...	5.4	27	25	4.5	0.70	0.52	0.80	2.2	49	0.5	1
MAY 21...	5.4	28	25	4.5	0.88	0.58	0.80	2.0	44	0.4	1
JUL 18...	5.7	29	29	1.5	0.87	0.54	0.60	2.7	53	0.6	2
SEP 26...	5.4	33	30	3.5	0.91	0.65	1.0	3.1	52	0.6	1

DATE	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)	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, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
NOV 20...	3.6	<0.10	1.8	8.2	29	19	0.04	6.77	<0.010	<0.010	<0.100
JAN 15...	4.4	<0.10	1.4	4.1	11	18	0.02	3.21	<0.010	<0.010	<0.100
MAR 20...	3.5	<0.10	1.9	0.10	21	10	0.03	10.4	<0.010	<0.010	<0.050
MAY 21...	3.5	<0.10	1.5	6.0	37	17	0.05	23.9	0.010	<0.010	<0.050
JUL 18...	4.6	<0.10	2.7	9.5	33	23	0.05	6.72	<0.010	<0.010	0.150
SEP 26...	5.0	<0.10	2.2	11	35	26	0.05	7.43	<0.010	<0.010	0.087

PEE DEE RIVER BASIN

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DATE	NITRO- GEN, NO2+NO3 TOTAL (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)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)
	NOV 20...	<0.100	0.050	0.06	0.060	0.44	0.50	--	<0.010	<0.010	0.020
JAN 15...	<0.100	0.030	0.04	0.030	0.47	0.50	0.06	0.020	<0.010	<0.010	0.010
MAR 20...	<0.050	<0.010	--	0.030	0.57	0.60	--	<0.010	<0.010	<0.010	0.020
MAY 21...	<0.050	0.040	0.05	0.040	1.1	1.1	--	<0.010	<0.010	<0.010	0.020
JUL 18...	0.140	0.040	0.05	0.040	0.56	0.60	--	<0.010	0.010	<0.010	0.030
SEP 26...	0.093	0.020	0.03	0.030	0.67	0.70	0.03	0.010	0.010	0.010	0.020
DATE	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)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDED (MG/L)
NOV 20...	210	<1	32	<0.5	<1.0	<1	<3	1	280	2	6
JAN 15...	220	<1	57	<0.5	<1.0	<1	<3	<1	410	<1	7
MAR 20...	--	--	--	--	--	--	--	--	--	--	4
MAY 21...	400	<1	19	<0.5	2.0	2	<3	2	820	1	9
JUL 18...	--	--	--	--	--	--	--	--	--	--	10
SEP 26...	210	<1	73	<0.5	<1.0	<1	<3	2	710	<1	6
DATE	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)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	
NOV 20...	1.4	<4	54	100	<0.1	<10	<1	<1	<1.0	6	
JAN 15...	2.0	<4	40	79	<0.1	<10	<1	<1	<1.0	7	
MAR 20...	2.0	--	--	100	--	--	--	--	--	--	
MAY 21...	5.8	<4	49	100	<0.1	<10	1	<1	<1.0	6	
JUL 18...	2.0	--	--	94	--	--	--	--	--	--	
SEP 26...	1.3	<4	57	100	<0.1	<10	<1	<1	<1.0	9	
DATE	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 20...	0.03	<6	5	0.8	<0.6	1.1	1.1	<0.6	<0.6	0.20	
JAN 15...	--	<6	20	--	--	--	--	--	--	--	
MAY 21...	--	<6	13	--	--	--	--	--	--	--	
SEP 26...	0.03	<6	42	1.1	<0.6	1.6	1.6	<0.6	<0.6	0.11	

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	1390	224	249	1810	659	1640	225	231	80	2010	251
2	28	1120	219	249	1940	843	1910	235	245	63	2470	238
3	25	926	226	243	1770	1300	1870	236	247	50	3000	217
4	22	778	237	249	1530	2450	1700	241	237	64	2890	192
5	18	645	252	256	1310	3300	1610	245	198	107	2270	167
6	15	529	280	251	1140	3270	1380	273	168	131	1770	144
7	13	444	295	249	1080	2760	1100	318	149	131	1460	136
8	11	380	323	263	1040	2180	883	677	135	101	1190	139
9	9.5	339	324	271	1080	1790	735	1020	120	109	1060	135
10	53	390	333	282	1070	1600	617	904	108	92	1030	133
11	334	422	331	297	1080	1400	529	750	107	68	1320	114
12	669	490	327	339	1040	1180	470	643	101	61	1670	101
13	1490	548	327	374	942	1060	423	558	88	51	2050	94
14	3330	580	326	392	848	1050	384	478	75	41	2220	87
15	5710	577	318	386	741	1020	350	423	68	144	2110	79
16	4850	570	311	408	641	1030	324	354	62	250	1960	72
17	3590	551	308	408	567	1040	298	309	61	213	1820	65
18	2620	523	299	421	514	1020	276	308	159	210	1750	58
19	1900	491	289	458	473	955	262	440	213	214	1610	52
20	1370	450	313	627	443	855	258	706	662	195	1320	52
21	1020	413	339	750	416	776	265	641	802	186	1100	50
22	819	383	333	848	396	712	263	469	492	184	925	44
23	1350	357	323	892	420	649	258	386	295	180	680	46
24	1990	332	313	943	447	576	250	598	295	151	563	75
25	3100	310	298	1070	509	500	236	750	269	128	553	98
26	3330	291	285	1190	582	441	224	673	223	111	525	122
27	3330	267	273	1290	623	395	214	557	202	103	468	129
28	3630	247	267	1270	656	371	214	448	171	115	393	126
29	3080	239	258	1200	---	394	213	348	135	185	335	118
30	2350	229	257	1290	---	629	229	279	104	759	308	111
31	1780	---	255	1480	---	1000	---	238	---	1530	283	---
TOTAL	51867.5	15211	9063	18895	25108	37205	19385	14730	6422	6007	43113	3446
MEAN	1673	507	292	610	897	1200	646	475	214	194	1391	115
MAX	5710	1390	339	1480	1940	3300	1910	1020	802	1530	3000	251
MIN	9.5	229	219	243	396	371	213	225	61	41	283	44
CFSM	4.17	1.26	.73	1.52	2.24	2.99	1.61	1.18	.53	.48	3.47	.29
IN.	4.81	1.41	.84	1.75	2.33	3.45	1.80	1.37	.60	.56	4.00	.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1991, BY WATER YEAR (WY)

	MEAN	261	223	359	552	698	722	542	261	256	224	250	227
MAX	1673	1072	881	1193	2142	1530	1367	746	1293	757	1391	1091	
(WY)	1991	1986	1977	1964	1973	1983	1958	1975	1973	1975	1991	1979	
MIN	4.15	10.9	101	150	203	180	87.1	26.6	28.5	1.41	.003	.000	
(WY)	1955	1955	1955	1981	1981	1981	1985	1985	1988	1986	1954	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1951 - 1991

ANNUAL TOTAL	130806.4	250452.5	385
ANNUAL MEAN	358	686	696
HIGHEST ANNUAL MEAN			1965
LOWEST ANNUAL MEAN			154
HIGHEST DAILY MEAN	5710	5710	7590
LOWEST DAILY MEAN	1.1	9.5	.00
ANNUAL SEVEN-DAY MINIMUM	2.2	16	.00
INSTANTANEOUS PEAK FLOW		5940	12500
INSTANTANEOUS PEAK STAGE		6.26	6.92
INSTANTANEOUS LOW FLOW		8.5	.00
ANNUAL RUNOFF (CFSM)	.89	1.71	.96
ANNUAL RUNOFF (INCHES)	12.13	23.23	13.03
10 PERCENT EXCEEDS	565	1760	878
50 PERCENT EXCEEDS	237	374	242
90 PERCENT EXCEEDS	6.7	96	24

* No flow many days in 1954, 1956, and 1957.

PEE DEE RIVER BASIN

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.--October 1929 to current year. Gage-height records collected at same site since 1894 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1032: 1928(m), drainage area WSP 1333: 1930(m), 1931, 1936.

GAGE.--Data collection platform. Datum of gage is 25.66 ft above 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. 5 - 8, Apr. 30 to May 2, June 20 - 26, Sept. 5, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	217	5170	1050	1280	4150	1340	1990	807	1020	1200	1260	1890
2	200	4760	989	1230	4590	1410	2430	981	1010	1050	1860	1720
3	181	4280	936	1180	4900	1560	2840	953	983	899	2170	1570
4	163	3770	895	1130	4840	1900	2980	926	954	823	2470	1440
5	146	3430	849	1090	4490	2250	2910	947	913	747	3030	1360
6	130	3120	809	1060	4040	2880	2790	1010	861	730	4090	1290
7	116	2840	786	1010	3710	4270	2720	1050	799	753	5550	1220
8	105	2600	786	1040	3540	5500	2740	1070	745	738	5890	1160
9	96	2380	782	1080	3410	5630	2770	1110	689	708	5520	1070
10	149	2400	784	1120	3300	5410	2740	1200	631	703	4900	974
11	556	2280	794	1180	3150	4980	2650	1340	570	699	4440	872
12	1090	2220	811	1280	2970	4370	2490	1530	517	726	3920	782
13	1640	2100	824	1360	2820	3800	2280	1770	473	728	3540	715
14	1860	1970	836	1460	2710	3490	2080	2030	444	718	3370	646
15	2000	1840	849	1530	2580	3220	1950	2160	422	706	3280	583
16	2110	1730	859	1600	2450	3050	1850	2200	396	672	3150	529
17	2170	1660	865	1640	2330	2910	1710	2170	378	678	3090	480
18	2290	1600	871	1680	2220	2810	1590	2150	513	663	3150	438
19	2900	1550	875	1710	2130	2710	1460	2100	616	665	3130	404
20	3860	1530	895	1850	2050	2590	1370	1980	636	710	3090	380
21	4730	1500	922	2000	1960	2470	1320	1800	634	779	3020	356
22	4590	1470	962	2140	1860	2340	1290	1610	712	933	2910	330
23	4400	1430	1040	2230	1780	2230	1280	1450	807	1140	2750	308
24	3790	1390	1150	2360	1690	2130	1260	1330	976	1300	2580	294
25	3580	1350	1230	2540	1600	2040	1190	1230	1190	1360	2420	289
26	3590	1300	1300	2670	1530	1940	1100	1170	1420	1320	2270	281
27	3860	1250	1350	2780	1450	1830	1000	1130	1470	1260	2140	287
28	4280	1190	1380	2900	1390	1710	927	1110	1470	1190	2160	299
29	4690	1140	1380	3000	---	1610	863	1070	1420	1100	2220	293
30	5180	1100	1360	3260	---	1630	800	1040	1330	1070	2160	286
31	5400	---	1330	3640	---	1690	---	1030	---	1140	2050	---
TOTAL	70069	66350	30549	56030	79640	87700	57370	43454	24999	27908	97580	22566
MEAN	2260	2212	985	1807	2844	2829	1812	1402	833	900	3148	752
MAX	5400	5170	1380	3640	4900	5630	2980	2200	1470	1360	5890	1890
MIN	96	1100	782	1010	1390	1340	800	807	378	663	1260	286
CFSM	1.81	1.77	.79	1.44	2.27	2.26	1.53	1.12	.67	.72	2.51	.60
IN.	2.08	1.97	.91	1.66	2.37	2.61	1.70	1.29	.74	.83	2.90	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1991, BY WATER YEAR (WY)

	MEAN	502	451	860	1331	1885	2124	1577	582	553	507	560	613
MAX	7708	3250	4809	3608	8404	6938	5905	2144	7852	3318	3148	7258	
(WY)	1965	1948	1949	1946	1973	1983	1936	1984	1973	1941	1991	1945	
MIN	8.65	5.00	39.3	124	319	319	220	54.5	11.3	10.5	5.19	4.83	
(WY)	1932	1932	1955	1934	1934	1938	1985	1935	1935	1986	1954	1954	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1930 - 1991
ANNUAL TOTAL	348569	664215	
ANNUAL MEAN	955	1820	957
HIGHEST ANNUAL MEAN			2438
LOWEST ANNUAL MEAN			183
HIGHEST DAILY MEAN	5400	5890	52800
LOWEST DAILY MEAN	16	96	2.0
ANNUAL SEVEN-DAY MINIMUM	24	129	2.6
INSTANTANEOUS PEAK FLOW		5920	58000
INSTANTANEOUS PEAK STAGE		12.92	19.77
INSTANTANEOUS LOW FLOW		89	2.0
ANNUAL RUNOFF (CFSM)	.76	1.45	.76
ANNUAL RUNOFF (INCHES)	10.36	19.74	10.38
10 PERCENT EXCEEDS	1960	3610	2370
50 PERCENT EXCEEDS	782	1430	457
90 PERCENT EXCEEDS	86	625	49

* Also occurred on Sept. 13 - 15, Oct. 7 - 8, 1954.

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 1990 TO SEPTEMBER 1991

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)	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)	PH (STAND-ARD UNITS)	PH LAB (STAND-ARD UNITS)
NOV 20...	1515	1520	760	12.5	K33	K63	10	8.5	80	16	6.4	6.5
JAN 15...	1200	1540	770	8.5	120	130	10	8.8	74	16	6.6	6.9
MAR 20...	1230	2600	760	14.5	K44	K48	8.5	7.2	71	13	6.4	6.5
MAY 22...	1015	1630	765	22.0	K92	240	13	4.8	55	15	6.6	6.7
JUL 19...	1200	659	765	28.0	K33	78	20	4.9	62	15	6.9	7.2
SEP 27...	1045	297	760	23.0	K22	210	24	5.1	60	19	6.5	7.0

DATE	SPE-CIFIC CON-DUCT-ANCE (US/CM)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	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)
NOV 20...	72	74	2.6	4.0	1.4	3.0	7.5	45	0.8	8	9.9
JAN 15...	73	79	4.5	3.8	1.5	2.3	11	56	1	9	13
MAR 20...	57	58	3.1	3.4	1.2	1.9	5.3	42	0.6	7	7.5
MAY 22...	72	65	2.8	3.8	1.3	1.5	7.7	50	0.9	13	8.6
JUL 19...	85	85	5.0	3.7	1.3	2.7	11	57	1	19	11
SEP 27...	102	99	2.5	4.8	1.8	3.2	11	50	1	22	6.5

DATE	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)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
NOV 20...	<0.10	5.3	6.8	72	43	0.10	295	--	<0.010	<0.010	<0.100
JAN 15...	<0.10	6.5	3.7	64	47	0.09	266	--	<0.010	<0.010	<0.100
MAR 20...	<0.10	4.3	0.90	47	28	0.06	330	--	<0.010	<0.010	0.052
MAY 22...	<0.10	3.1	5.4	97	39	0.13	427	0.100	0.020	0.010	0.130
JUL 19...	0.20	3.2	7.9	82	51	0.11	146	--	<0.010	<0.010	0.170
SEP 27...	<0.10	2.1	8.3	83	51	0.11	66.6	--	<0.010	<0.010	0.160

PEE DEE RIVER BASIN

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DATE	NITRO- GEN, NO ₂ +NO ₃ TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH ₄)	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 PO ₄)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)
NOV 20...	<0.100	0.050	0.06	0.060	0.74	0.80	0.09	0.030	0.030	0.050	0.050
JAN 15...	<0.100	0.040	0.05	0.050	0.75	0.80	0.15	0.050	0.030	0.060	0.060
MAR 20...	<0.050	0.040	0.05	0.050	0.55	0.60	0.06	0.020	0.020	0.040	0.070
MAY 22...	0.110	0.040	0.05	0.030	0.87	0.90	0.15	0.050	0.080	0.090	0.120
JUL 19...	0.170	0.040	0.05	0.030	0.87	0.90	0.28	0.090	0.140	0.120	0.210
SEP 27...	0.160	0.060	0.08	0.070	0.83	0.90	0.46	0.150	0.160	0.170	0.200

DATE	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)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDED (MG/L)
NOV 20...	230	<1	53	<0.5	<1.0	<1	<3	7	570	6	7
JAN 15...	220	<1	23	<0.5	1.0	<1	<3	1	460	<1	3
MAR 20...	--	--	--	--	--	--	--	--	--	--	3
MAY 22...	190	<1	23	<0.5	2.0	<1	<3	1	610	<1	4
JUL 19...	--	--	--	--	--	--	--	--	--	--	6
SEP 27...	110	<1	37	<0.5	<1.0	<1	<3	<1	790	2	6

DATE	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)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
NOV 20...	<4	12	91	<0.1	<10	2	<1	<1.0	22	<6	24
JAN 15...	<4	10	81	<0.1	<10	<1	<1	<1.0	21	<6	7
MAR 20...	--	--	100	--	--	--	--	--	--	--	--
MAY 22...	<4	11	100	<0.1	<10	<1	<1	<1.0	23	<6	10
JUL 19...	--	--	84	--	--	--	--	--	--	--	--
SEP 27...	<4	47	98	0.1	<10	1	<1	<1.0	28	<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.

SANTEE RIVER BASIN
02145642 CROWDERS CREEK NEAR CLOVER, SC

LOCATION.--Lat 35°08'14'', long 81°08'09'', York County, Hydrologic Unit 03050103, on downstream side of bridge on Brandon Rd (County Rd 1104), and 8.5 mi northeast of Clover.

DRAINAGE AREA.--89.0 mi².

PERIOD OF RECORD.--March 1991 to September 1991.

GAGE.--Data collection platform. Elevation of gage is 600 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Mar. 29, 30, Apr. 14 - 18, Aug. 7, Sept. 12 - 16, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	140	162	69	38	37	31
2	---	---	---	---	---	---	113	113	68	37	45	29
3	---	---	---	---	---	---	98	100	74	44	48	28
4	---	---	---	---	---	---	90	95	66	38	36	29
5	---	---	---	---	---	---	125	96	61	39	33	28
6	---	---	---	---	---	---	127	285	57	48	30	27
7	---	---	---	---	---	---	96	128	54	37	324	27
8	---	---	---	---	---	---	171	102	53	37	170	26
9	---	---	---	---	---	---	392	97	53	56	76	25
10	---	---	---	---	---	---	192	97	51	37	41	24
11	---	---	---	---	---	---	117	93	50	34	50	24
12	---	---	---	---	---	---	97	95	50	32	46	23
13	---	---	---	---	---	---	91	96	51	31	46	23
14	---	---	---	---	---	---	92	90	57	29	132	24
15	---	---	---	---	---	---	110	84	58	28	138	23
16	---	---	---	---	---	---	95	80	54	29	54	24
17	---	---	---	---	---	---	92	201	50	34	42	23
18	---	---	---	---	---	---	93	99	62	53	38	26
19	---	---	---	---	---	---	138	217	51	42	36	25
20	---	---	---	---	---	---	130	134	59	36	34	104
21	---	---	---	---	---	---	348	112	54	33	31	31
22	---	---	---	---	---	---	187	100	55	50	31	26
23	---	---	---	---	---	94	133	93	48	30	31	25
24	---	---	---	---	---	91	117	87	46	28	62	26
25	---	---	---	---	---	89	108	81	46	39	79	45
26	---	---	---	---	---	89	103	77	44	33	57	52
27	---	---	---	---	---	89	108	77	44	60	43	31
28	---	---	---	---	---	91	133	88	42	36	43	27
29	---	---	---	---	---	743	112	80	41	36	38	26
30	---	---	---	---	---	2350	201	76	39	37	36	25
31	---	---	---	---	---	209	---	77	---	38	33	---
TOTAL	---	---	---	---	---	---	4149	3412	1607	1179	1940	907
MEAN	---	---	---	---	---	---	138	110	53.6	38.0	62.6	30.2
MAX	---	---	---	---	---	---	392	285	74	60	324	104
MIN	---	---	---	---	---	---	90	76	39	28	30	23
CFSM	---	---	---	---	---	---	1.55	1.24	.60	.43	.70	.34
IN.	---	---	---	---	---	---	1.73	1.43	.67	.49	.81	.38

SUMMARY STATISTICS

FOR 1991 WATER YEAR

HIGHEST DAILY MEAN	2350	Mar 30
LOWEST DAILY MEAN	23	* Sep 12
ANNUAL SEVEN-DAY MINIMUM	23	Sep 11
INSTANTANEOUS PEAK FLOW	Unknown	Mar 30
INSTANTANEOUS PEAK STAGE	11.43	Mar 30

* Also occurred on Sept. 13, 15, 17.

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.--October 1895 to September 1902, April 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1895-1903, WSP 1333: 1942-43(M), 1953(M). WSP 1623: 1942-51 (yearly runoff).

GAGE.--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.--Records fair except for estimated daily discharges, Oct. 14 to Nov. 11, 16 - 29, Dec. 1, which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1350	5200	2530	5020	10100	2490	9330	9330	4610	2710	6600	4510
2	2370	4800	2440	5560	7950	3270	10200	9720	3110	2850	5580	1830
3	5190	4500	3030	7190	6420	4440	8520	8380	6500	733	2070	819
4	4870	4200	4140	8180	8640	10800	6660	8480	3280	2290	3910	1560
5	2790	4000	3530	10300	10100	5540	6740	8160	5230	1330	1840	1310
6	2190	5500	4050	8360	10100	5280	6940	6860	5280	3060	3370	3410
7	2250	7000	3020	7960	7590	4300	5990	7560	3950	3500	3590	2470
8	4990	4000	4940	7360	8110	5660	7520	8400	2500	2760	3100	2050
9	5450	2500	2790	6640	7850	7980	6180	7400	921	3510	3340	2760
10	4120	1700	1870	10000	2190	6380	2350	8090	1940	4470	4100	975
11	2450	1600	4120	8620	8510	4460	6470	7750	2690	2600	4110	1860
12	1080	5200	4550	7410	7260	3260	8540	5630	852	1750	2310	2270
13	9710	4860	4880	5250	7240	5990	8540	6760	606	1440	5680	2180
14	14000	5060	3080	7090	8610	4910	6240	6160	2350	1600	5450	1620
15	9000	5030	1530	8800	7230	5780	8630	6660	1940	2460	2890	1590
16	6000	2240	739	7200	4910	7080	7630	3830	2890	1820	4860	3310
17	5000	1000	1970	8050	1400	3840	8600	3880	3010	1550	7410	3620
18	8000	900	4710	8710	3950	2030	7830	1240	3190	889	7990	1580
19	7000	1500	2830	6060	5380	5630	8700	2700	5430	1250	6450	1900
20	6500	1810	4430	4180	6450	5730	6190	7410	5610	1420	5410	1080
21	6000	1660	3930	8120	7100	5670	9240	7630	6260	1020	2670	1030
22	8000	1000	1050	10400	6860	7130	10200	7470	5110	955	1070	856
23	24000	800	793	10500	5270	3010	10400	8140	4400	1860	2640	938
24	11000	900	1750	10500	2580	4540	10800	8040	6170	2540	4340	3620
25	8000	1300	3180	10100	6080	4700	10300	5430	5560	4420	2520	1370
26	7000	1810	3810	8750	4880	5680	9540	1660	4740	3990	1690	1910
27	6600	2380	5530	4540	3960	5100	8390	2540	5650	2180	1490	1030
28	6400	2640	6360	8410	2660	3430	7650	4760	5850	855	776	1070
29	6000	1660	5370	9620	---	4570	8100	6180	4770	2370	1940	1130
30	5600	2350	1690	10000	---	9240	7890	6260	4310	2540	3220	2060
31	5400	---	3860	9210	---	10300	---	7110	---	5900	3520	---
TOTAL	198310	89100	102502	248090	179380	168220	240310	199620	118709	72622	115936	57718
MEAN	6397	2970	3307	8003	6406	5426	8010	6439	3957	2343	3740	1924
MAX	24000	7000	6360	10500	10100	10800	10800	9720	6500	5900	7990	4510
MIN	1080	800	739	4180	1400	2030	2350	1240	606	733	776	819
CFSM	2.10	.97	1.08	2.62	2.10	1.78	2.63	2.11	1.30	.77	1.23	.63
IN.	2.42	1.09	1.25	3.03	2.19	2.05	2.93	2.43	1.45	.89	1.41	.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 1991, BY WATER YEAR (WY)

	MEAN	3588	3657	4228	5208	5884	6242	5682	4441	3978	3414	3521	3201
MAX	10680	12400	14270	10630	14950	19510	15970	15360	10120	10340	22230	9768	
(WY)	1899	1978	1902	1946	1899	1899	1901	1901	1901	1896	1901	1945	
MIN	721	858	1042	1415	1371	1526	1211	910	1088	933	1010	998	
(WY)	1955	1955	1956	1956	1977	1988	1985	1986	1988	1986	1988	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1896 - 1991

ANNUAL TOTAL	1771487	1790517	
ANNUAL MEAN	4853	4906	
HIGHEST ANNUAL MEAN			4415
LOWEST ANNUAL MEAN			9635
HIGHEST DAILY MEAN	24000	Oct 23	2082
LOWEST DAILY MEAN	596	Jul 12	127000
ANNUAL SEVEN-DAY MINIMUM	1010	Jul 6	227
INSTANTANEOUS PEAK FLOW			541
INSTANTANEOUS PEAK STAGE			* 151000
ANNUAL RUNOFF (CFSM)	1.59		* 24.15
ANNUAL RUNOFF (INCHES)	21.61		1.45
10 PERCENT EXCEEDS	10000		19.67
50 PERCENT EXCEEDS	4120		8640
90 PERCENT EXCEEDS	1110		3610
			916

* Site and datum then in use.

SANTEE RIVER BASIN

021467801 STEELE CREEK NEAR FORT MILL, SC

LOCATION.--Lat 35°02'42'', long 80°56'28'', York County, Hydrologic Unit 03050103, on downstream side of bridge on U.S. Highway 21 By-pass, 2.0 mi north of Fort Mill, 4.1 mi from mouth of Sugar Creek.

DRAINAGE AREA.-- 22.8 mi².

PERIOD OF RECORD.--May 1991 to September 1991.

GAGE.--Data collection platform. Datum of gage is 510 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Aug. 21 - 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	9.0	4.6	9.3	8.7
2	---	---	---	---	---	---	---	---	28	4.4	43	8.1
3	---	---	---	---	---	---	---	---	15	4.6	36	7.7
4	---	---	---	---	---	---	---	---	11	4.4	14	7.8
5	---	---	---	---	---	---	---	---	8.8	4.3	11	7.2
6	---	---	---	---	---	---	---	---	8.1	8.3	9.9	7.2
7	---	---	---	---	---	---	---	---	7.6	4.5	15	7.5
8	---	---	---	---	---	---	---	---	7.5	4.1	243	7.2
9	---	---	---	---	---	---	---	---	7.2	4.2	814	6.7
10	---	---	---	---	---	---	---	---	7.0	4.1	98	6.3
11	---	---	---	---	---	---	---	---	6.9	4.7	119	6.2
12	---	---	---	---	---	---	---	---	6.8	4.4	58	6.2
13	---	---	---	---	---	---	---	---	6.8	3.8	47	5.8
14	---	---	---	---	---	---	---	---	6.4	3.7	161	6.0
15	---	---	---	---	---	---	---	---	6.2	3.6	310	5.8
16	---	---	---	---	---	---	---	---	6.2	3.8	39	5.8
17	---	---	---	---	---	---	---	---	6.2	4.1	22	5.4
18	---	---	---	---	---	---	---	---	7.9	11	17	5.4
19	---	---	---	---	---	---	---	---	8.8	8.1	15	5.4
20	---	---	---	---	---	---	---	---	11	5.3	13	5.4
21	---	---	---	---	---	---	---	---	11	5.2	12	5.4
22	---	---	---	---	---	---	---	---	8.2	4.6	11	5.4
23	---	---	---	---	---	---	---	---	7.9	4.3	10	5.4
24	---	---	---	---	---	---	---	---	6.0	4.0	9.4	5.3
25	---	---	---	---	---	---	---	---	5.7	4.0	12	50
26	---	---	---	---	---	---	---	---	5.4	9.0	13	32
27	---	---	---	---	---	---	---	---	5.4	139	12	9.1
28	---	---	---	---	---	---	---	---	5.3	35	23	6.8
29	---	---	---	---	---	---	---	12	5.0	22	13	6.0
30	---	---	---	---	---	---	---	9.9	4.9	14	10	5.8
31	---	---	---	---	---	---	---	9.1	---	11	9.2	---
TOTAL	---	---	---	---	---	---	---	---	247.2	352.1	2228.8	263.0
MEAN	---	---	---	---	---	---	---	---	8.24	11.4	71.9	8.77
MAX	---	---	---	---	---	---	---	---	28	139	814	50
MIN	---	---	---	---	---	---	---	---	4.9	3.6	9.2	5.3
CFSM	---	---	---	---	---	---	---	---	.36	.50	3.15	.38
IN.	---	---	---	---	---	---	---	---	.40	.57	3.64	.43

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

MEAN	---	---	---	---	---	---	---	---	8.24	11.4	71.9	8.77
MAX	---	---	---	---	---	---	---	---	8.24	11.4	71.9	8.77
(WY)	---	---	---	---	---	---	---	---	1991	1991	1991	1991
MIN	---	---	---	---	---	---	---	---	8.24	11.4	71.9	8.77
(WY)	---	---	---	---	---	---	---	---	1991	1991	1991	1991

SUMMARY STATISTICS

FOR 1991 WATER YEAR

INSTANTANEOUS PEAK FLOW
INSTANTANEOUS PEAK STAGE

1690 Aug 9
13.24 Aug 9

SANTÉE RIVER BASIN

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 1967 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, May 27, 28, June 16, 17, which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft³.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--Maximum stage known since June 1906, 40.4 ft July 16, 1916, at site and datum then in use, from records furnished by the National Weather Service.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	991	10700	6730	5850	12000	3380	11100	11400	5470	4280	7090	5180
2	2060	9740	4080	6300	9920	5090	11600	11000	3560	2940	8070	2950
3	4890	9310	3580	8130	8210	10800	10800	9880	5200	1620	5600	1110
4	6120	8160	4750	8480	8830	28000	7620	9600	4190	2410	4690	1340
5	2800	8510	5210	11600	11200	15800	7700	9480	5800	1800	2920	1770
6	2260	9590	4470	9830	11500	7540	8760	10100	5660	2910	2980	2960
7	2880	9600	2980	9820	9070	5340	7420	9260	4740	4190	4800	2560
8	4120	9820	5890	14900	9770	7080	8850	9400	2290	3330	5320	2420
9	6080	9540	3850	9780	9670	10000	11800	8700	2180	3260	9570	2660
10	4830	8300	2390	11300	3810	7900	5430	9090	1980	4910	3900	2020
11	10700	4970	3560	14500	7700	7170	6530	8960	2280	3190	7210	1670
12	14500	8790	4990	17400	8730	3530	9460	8880	1740	2260	2720	2110
13	16000	9510	6410	10300	7830	7020	9840	7100	857	1950	6050	2490
14	14400	9470	4040	8540	10400	6910	7390	7440	1410	1810	8320	2060
15	14300	8980	2230	11400	8690	6900	9190	8000	2510	2130	8300	1810
16	11100	7160	985	9590	7550	8400	9560	5310	2600	2340	6530	2470
17	10200	2030	2040	10900	1650	5820	9750	5290	3100	2090	7910	3410
18	10500	1500	4460	10500	3970	2810	9040	1820	4090	1630	8700	3330
19	10800	1540	3610	7480	5410	7380	9950	4990	5780	1830	7330	2070
20	9170	3270	4850	6500	7700	6890	8080	8770	5850	1820	6680	1340
21	8190	4710	7600	9540	8380	6590	12700	8860	9300	1380	3750	1170
22	9460	2880	3100	12000	8160	8150	14400	8300	5000	1040	1810	1130
23	48500	1090	1900	12000	7720	4420	12000	8470	4820	1980	1850	1090
24	38000	1330	1970	11900	6230	4290	12200	8690	6870	2550	4980	3140
25	26200	2190	3780	11900	5760	5730	11600	5920	6260	4170	3960	2410
26	28000	2700	3600	11300	7180	6330	11000	3430	5820	4890	1730	4750
27	15300	5080	6060	6480	4400	5270	9720	1700	5800	5120	2520	1710
28	12900	5150	7530	7360	4120	5450	8860	5000	6590	1980	1660	1320
29	12600	5010	6300	10800	---	5840	9160	5560	5140	2650	2000	1270
30	12400	5360	3760	11900	---	18000	11200	5670	4770	3210	3130	1750
31	12300	---	3190	11800	---	16600	---	6300	---	6230	3360	---
TOTAL	382551	185990	129895	320080	215560	250530	292710	232300	131657	87900	155440	67470
MEAN	12340	6200	4190	10330	7699	8082	9757	7494	4389	2835	5014	2249
MAX	48500	10700	7600	17400	12000	28000	14400	11400	9300	6230	9570	5180
MIN	991	1090	985	5850	1650	2810	5430	1700	857	1040	1660	1090
CFSM	3.50	1.76	1.19	2.92	2.18	2.29	2.76	2.12	1.24	.80	1.42	.64
IN.	4.03	1.96	1.37	3.37	2.27	2.64	3.08	2.45	1.39	.93	1.64	.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1991. BY WATER YEAR (WY)

MEAN	4344	4467	5320	6904	6791	7137	6239	5426	4841	3813	3641	3350
MAX	12580	13550	10650	10330	11400	16510	13580	11070	10490	6596	5985	6720
(WY)	1990	1978	1984	1991	1990	1975	1983	1975	1975	1975	1970	1979
MIN	1379	1390	2115	2948	1665	2171	1516	1112	1346	1121	1495	1465
(WY)	1988	1982	1989	1989	1977	1988	1985	1986	1988	1986	1988	1986

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1968 - 1991

ANNUAL TOTAL	2337107		2452083						
ANNUAL MEAN	6403		6718			5183			
HIGHEST ANNUAL MEAN						7667			1975
LOWEST ANNUAL MEAN						2854			1988
HIGHEST DAILY MEAN	48500	Oct 23	48500	Oct 23		66800	Oct 2		1989
LOWEST DAILY MEAN	893	Jul 12	857	Jun 13		480	Apr 26		1986
ANNUAL SEVEN-DAY MINIMUM	1190	Jul 1	1680	Jul 17		751	May 6		1986
INSTANTANEOUS PEAK FLOW			55300	Oct 23		73600	Oct 9		1976
INSTANTANEOUS PEAK STAGE			20.13	Oct 23		23.81	Oct 9		1976
ANNUAL RUNOFF (CFSM)	1.81		1.90			1.47			
ANNUAL RUNOFF (INCHES)	24.63		25.84			19.95			
10 PERCENT EXCEEDS	12100		11400			10300			
50 PERCENT EXCEEDS	5210		5890			4400			
90 PERCENT EXCEEDS	1410		1840			1070			

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.--March 1951 to September 1981, October 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 good except for estimated daily discharges, July 1 - 26, Aug. 17 to Sept. 24, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	106	78	113	489	146	350	867	104	39	154	57
2	15	90	81	104	322	875	250	352	351	43	2390	53
3	13	80	69	101	254	2950	199	225	170	51	2280	50
4	16	75	90	100	215	7540	174	177	102	47	306	50
5	27	68	85	94	189	1450	209	170	80	33	161	52
6	21	61	71	88	174	697	547	334	71	67	111	52
7	17	59	66	162	219	566	299	202	66	43	280	50
8	16	78	71	608	203	466	231	141	55	31	980	42
9	23	130	73	362	169	396	1200	122	54	31	368	41
10	125	1580	65	231	147	295	762	113	53	27	483	43
11	1170	718	62	1020	132	224	374	103	52	26	221	41
12	1490	378	61	2880	122	193	290	104	51	26	833	39
13	6250	219	63	1050	118	222	218	416	55	20	1440	37
14	1070	141	64	524	143	481	181	352	56	18	565	36
15	375	115	64	369	144	315	189	342	111	17	872	35
16	265	107	64	872	116	231	228	216	95	22	372	34
17	209	109	63	727	107	196	168	167	64	36	214	34
18	141	104	61	385	105	189	143	163	63	43	147	32
19	116	85	68	287	104	185	227	900	58	40	117	32
20	96	87	80	533	104	167	529	770	55	31	89	29
21	81	84	301	482	101	155	1030	294	52	30	75	28
22	192	83	223	307	108	150	559	197	51	41	69	28
23	3660	80	147	226	774	152	293	150	47	26	66	26
24	1650	71	138	230	831	156	210	124	64	24	70	24
25	546	64	127	504	373	158	163	107	56	39	67	42
26	1410	60	100	377	256	128	147	95	49	32	78	132
27	514	54	90	274	195	109	148	88	57	185	69	57
28	281	103	102	228	162	115	202	102	51	124	75	45
29	186	196	99	197	---	459	311	83	44	851	114	43
30	143	99	96	499	---	2230	2490	75	51	898	76	40
31	122	---	118	1250	---	590	---	69	---	230	59	---
TOTAL	20255	5284	2940	15184	6376	22186	12321	7620	2288	3171	13201	1304
MEAN	653	176	94.8	490	228	716	411	246	76.3	102	426	43.5
MAX	6250	1580	301	2880	831	7540	2490	900	351	898	2390	132
MIN	13	54	61	88	101	109	143	69	44	17	59	24
CFSM	3.37	.91	.49	2.52	1.17	3.69	2.12	1.27	.39	.53	2.20	.22
IN.	3.88	1.01	.56	2.91	1.22	4.25	2.36	1.46	.44	.61	2.53	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1991, BY WATER YEAR (WY)

	MEAN	156	104	163	330	366	419	266	119	96.1	99.0	122	106
MAX	1099	647	544	839	912	1160	791	347	614	679	1387	952	
(WY)	1965	1958	1973	1978	1960	1980	1973	1971	1973	1959	1967	1987	
MIN	2.11	10.8	30.7	49.1	91.0	49.6	60.0	34.0	17.6	13.0	4.46	.86	
(WY)	1955	1955	1956	1956	1968	1955	1967	1988	1955	1953	1957	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1951 - 1991

ANNUAL TOTAL	67547		112130										
ANNUAL MEAN	185		307										
HIGHEST ANNUAL MEAN										196			
LOWEST ANNUAL MEAN										315			1973
HIGHEST DAILY MEAN	6250	Oct 13	7540	Mar 4						84.8			1957
LOWEST DAILY MEAN	12	Aug 2	13	Oct 3						21100			Aug 24 1967
ANNUAL SEVEN-DAY MINIMUM	14	Jul 29	18	Oct 1						.04			Oct 6 1954
INSTANTANEOUS PEAK FLOW			10300	Mar 4						.04			Oct 6 1954
INSTANTANEOUS PEAK STAGE			10.13	Mar 4						31300			Aug 23 1967
INSTANTANEOUS LOW FLOW			13	* Oct 3						18.82			Aug 23 1967
ANNUAL RUNOFF (CFSM)	.95		1.58							.04	** Oct 6 1954		
ANNUAL RUNOFF (INCHES)	12.95		21.50							1.01			
10 PERCENT EXCEEDS	287		722							362			
50 PERCENT EXCEEDS	80		118							68			
90 PERCENT EXCEEDS	17		37							18			

* Also occurred on Oct. 4.

** Also occurred on Oct. 7 - 13, 1954.

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.

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.

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.

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.

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR		FOR 1991 WATER YEAR		WATER YEARS 1930 - 1991	
ANNUAL TOTAL	2705367		3171647			
ANNUAL MEAN	7412		8689		6230	
HIGHEST ANNUAL MEAN					9964	
LOWEST ANNUAL MEAN					3241	
HIGHEST DAILY MEAN	52800	Oct 24	52800	Oct 24	149000	Oct 3 1929
LOWEST DAILY MEAN	832	Jun 27	987	Jun 13	143	Sep 28 1980
ANNUAL SEVEN-DAY MINIMUM	1290	Jun 27	1770	Sep 17	279	Jul 1 1959
INSTANTANEOUS PEAK FLOW			57300	Oct 24	366000	Aug 26 1908
INSTANTANEOUS PEAK STAGE			28.74	Oct 24	39.70	Aug 26 1908
INSTANTANEOUS LOW FLOW			987	Jun 13	143	Sep 28 1980
ANNUAL RUNOFF (INCHES)	19.85		23.27		16.70	

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, Nov. 16 - 20, Sept. 9, which are poor. 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, daily mean discharges greater than 10,000 ft³/s are not shown for Oct. 12 to Nov. 15, Jan. 12 to Feb. 10, Mar. 5 - 16, Apr. 1 - 18, 23 - 28, May 2 - 10, Aug. 15 - 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1520	---	6720	5230	---	7270	---	9980	5940	5060	8610	5060
2	1490	---	6480	3630	---	6230	---	---	7050	5640	8790	5140
3	1490	---	6190	3460	---	7030	---	---	8050	5130	9640	4380
4	1640	---	7110	6230	---	9800	---	---	7590	3730	9880	3240
5	2680	---	6310	6670	---	---	---	---	7950	2920	9770	2870
6	2600	---	5930	7200	---	---	---	---	6490	2800	9540	2960
7	2780	---	5440	8710	---	---	---	---	5790	3060	8550	2590
8	3330	---	5910	9030	---	---	---	---	6800	3580	7020	3180
9	4620	---	6400	9460	---	---	---	---	6250	3870	7710	4140
10	6610	---	6280	9850	---	---	---	---	4630	3960	9090	3380
11	9830	---	5130	9980	9700	---	---	9940	3240	3880	9600	2870
12	---	---	4410	---	8830	---	---	9840	3440	4120	9760	2070
13	---	---	5660	---	8660	---	---	9830	2820	3760	9900	2460
14	---	---	5370	---	9160	---	---	9850	1960	3270	9990	2780
15	---	---	5240	---	9480	---	---	9910	1780	2100	---	2990
16	---	9700	4860	---	9540	---	---	9890	2770	2150	---	2860
17	---	8000	4860	---	9040	9910	---	9850	2980	3560	---	3580
18	---	7000	3240	---	6380	9800	---	9380	3200	4030	9990	3510
19	---	6000	2760	---	6200	9330	9800	8430	4350	3440	9880	3400
20	---	5000	4890	---	7080	8390	9830	8100	6990	2450	9610	2360
21	---	4400	5700	---	7280	8390	9920	9670	7980	2140	8530	2360
22	---	5710	6650	---	7180	8890	9960	9850	8050	1960	6840	1910
23	---	5940	7400	---	8480	8840	---	9760	8370	1880	5100	1850
24	---	3650	5820	---	9440	7800	---	9630	7170	2260	3910	1820
25	---	3360	4630	---	9900	6930	---	9610	7590	3330	5220	2510
26	---	4200	5660	---	9970	7080	---	9300	6860	3170	4800	3100
27	---	5050	5760	---	9860	7150	---	8010	6250	4370	4580	3950
28	---	5790	5930	---	9070	7420	---	6180	6630	5080	5030	3160
29	---	6450	6290	---	---	7380	9990	5720	6730	5600	3950	2960
30	---	7490	6680	---	---	8860	9940	7300	5180	7180	3080	2230
31	---	---	6260	---	---	9990	---	6230	---	9110	4280	---
TOTAL	---	---	175970	---	---	---	---	---	170880	118590	---	91670
MEAN	---	---	5676	---	---	---	---	---	5696	3825	---	3056
MAX	---	---	7400	---	---	---	---	---	8370	9110	---	5140
MIN	---	---	2760	---	---	---	---	---	1780	1880	---	1820
CFSM	---	---	1.02	---	---	---	---	---	1.02	.68	---	.55
IN.	---	---	1.17	---	---	---	---	---	1.14	.79	---	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1991, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	4563	---	---
MAX	---	---	---	---	---	---	---	---	---	7239	---	---
(WY)	---	---	---	---	---	---	---	---	---	1989	---	---
MIN	1748	1623	2885	4046	3047	3635	2344	1440	1350	1507	1627	1939
(WY)	1987	1982	1989	1989	1977	1981	1985	1986	1988	1986	1988	1986

SUMMARY STATISTICS

FOR 1991 WATER YEAR

WATER YEARS 1968 - 1991

LOWEST DAILY MEAN	1490	* Oct 2	549	Oct 22 1986
ANNUAL SEVEN-DAY MINIMUM	698	Oct 18 1986	698	Oct 18 1986
INSTANTANEOUS PEAK FLOW	Unknown	Oct 27	Unknown	Oct 6 1989
INSTANTANEOUS PEAK STAGE	15.89	Oct 27	17.98	Oct 6 1989

* Also occurred on Oct. 3.

SANTEE RIVER BASIN

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, 200 microsiemens, Oct. 2; minimum, 71 microsiemens, Mar. 15 - 16.

pH: Maximum, 7.4 units, July 25; minimum, 6.0 units, Oct. 12, June 15.

WATER TEMPERATURE: Maximum, 31.0°, July 24; minimum, 7.5°C, Jan. 26 - 27.

DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Feb. 25; minimum, 4.2 mg/L, Oct. 14, July 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	198	194	196	---	---	---	104	101	103	132	130	131
2	200	195	197	---	---	---	105	101	103	132	127	129
3	198	194	195	---	---	---	105	93	99	128	118	125
4	197	191	194	---	---	---	96	95	96	139	121	134
5	198	192	195	---	---	---	98	96	97	138	136	137
6	198	193	195	---	---	---	98	95	96	140	138	139
7	196	182	189	---	---	---	100	95	98	145	142	144
8	188	183	185	---	---	---	101	99	100	144	142	143
9	---	---	---	---	---	---	102	100	101	146	142	144
10	---	---	---	---	---	---	101	100	101	146	145	145
11	---	---	---	---	---	---	103	100	102	145	144	145
12	---	---	---	---	---	---	106	103	104	145	143	143
13	---	---	---	---	---	---	111	105	108	143	139	141
14	120	86	101	---	---	---	114	111	113	143	140	142
15	145	122	135	---	---	---	118	115	117	142	136	140
16	151	146	149	---	---	---	118	116	117	134	121	126
17	151	150	150	---	---	---	118	117	117	121	111	117
18	149	141	146	---	---	---	118	117	118	111	107	110
19	140	126	133	---	---	---	117	113	115	107	100	104
20	133	122	126	---	---	---	127	112	120	100	95	97
21	135	132	133	103	93	97	126	124	125	95	91	93
22	133	126	131	101	95	98	126	121	124	91	88	89
23	123	116	120	97	97	97	126	121	123	87	87	87
24	115	100	106	103	97	100	126	122	124	87	86	86
25	115	105	111	109	101	106	123	118	121	88	87	87
26	115	107	110	101	98	100	131	122	128	88	87	87
27	119	115	117	100	98	98	130	126	128	87	87	87
28	115	106	110	100	97	98	131	128	130	88	87	87
29	105	98	102	99	97	97	132	129	131	89	87	88
30	---	---	---	104	98	100	133	130	132	90	89	89
31	---	---	---	---	---	---	134	130	133	96	90	91
MONTH	200	86	147	109	93	99	134	93	114	146	86	116

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	95	92	93	111	92	104	90	85	87	103	101	102
2	93	92	92	106	92	98	99	90	95	103	102	103
3	93	92	93	110	102	106	104	100	102	103	102	103
4	103	92	96	115	103	110	107	104	106	103	102	102
5	101	92	96	111	96	103	108	107	108	102	96	101
6	97	95	96	116	111	114	111	107	109	97	90	94
7	99	96	97	113	104	108	111	108	109	98	91	96
8	98	90	94	112	108	111	110	107	109	97	95	97
9	90	89	89	112	108	110	108	105	106	97	95	96
10	89	87	88	108	89	101	106	97	101	95	94	95
11	87	85	86	89	85	87	101	99	100	95	93	94
12	87	85	86	85	84	85	101	99	100	96	93	94
13	89	87	88	84	80	82	104	102	104	97	94	95
14	92	89	90	80	76	78	107	105	106	96	94	95
15	92	91	92	76	71	73	107	105	106	96	93	94
16	99	91	94	72	71	71	105	101	103	93	91	92
17	100	97	99	73	72	72	103	102	102	94	92	93
18	112	97	103	75	73	74	104	103	103	92	90	91
19	112	109	110	78	75	77	103	101	102	88	85	87
20	110	107	108	81	78	80	104	101	103	94	85	87
21	111	107	108	85	81	83	105	102	104	103	95	99
22	111	109	110	87	84	86	104	101	103	102	97	99
23	109	106	107	87	84	86	104	103	103	99	97	98
24	106	104	105	87	86	86	106	102	104	101	98	99
25	105	103	104	91	87	89	107	102	105	103	101	102
26	104	102	103	92	90	91	104	102	104	103	100	101
27	103	101	102	97	92	95	102	101	101	104	101	102
28	103	101	102	100	97	98	101	100	100	109	103	107
29	---	---	---	100	97	99	103	99	101	105	103	104
30	---	---	---	98	94	96	103	101	102	103	100	101
31	---	---	---	98	83	88	---	---	---	104	102	103
MONTH	112	85	98	116	71	92	111	85	103	109	85	98
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	105	103	104	149	124	131	136	122	129	133	128	130
2	105	96	100	154	146	149	132	104	119	133	129	132
3	101	96	99	153	144	148	138	120	131	140	132	135
4	99	90	93	155	146	152	127	120	123	149	139	143
5	95	91	94	155	153	154	123	115	118	151	142	147
6	94	92	93	155	152	154	127	118	121	147	141	143
7	111	93	99	156	143	149	127	120	122	149	146	147
8	111	110	110	144	138	141	131	117	120	146	133	140
9	113	111	112	140	136	138	137	130	134	136	133	134
10	131	113	120	141	137	140	137	133	136	136	133	135
11	141	132	137	142	140	141	135	132	134	146	134	139
12	138	134	136	145	140	144	132	128	130	152	143	148
13	144	124	136	146	144	145	129	113	123	146	139	142
14	---	---	---	157	131	145	111	100	104	147	141	144
15	---	---	---	163	127	152	106	103	105	152	143	146
16	136	124	131	154	126	135	116	107	109	151	143	147
17	127	123	125	147	123	137	107	103	105	146	134	141
18	126	113	121	148	143	146	103	101	102	145	138	142
19	120	113	116	151	148	149	101	99	100	149	140	144
20	118	113	116	159	151	155	102	99	101	152	140	147
21	118	114	117	158	154	156	103	101	102	141	137	139
22	117	110	114	160	157	159	124	102	107	150	141	145
23	119	116	118	166	160	164	143	125	131	151	146	149
24	118	116	117	162	149	157	150	140	145	148	141	145
25	124	117	121	153	147	149	140	130	135	157	137	146
26	124	122	123	150	147	148	140	133	136	149	139	146
27	126	118	123	147	139	143	---	---	---	144	135	139
28	123	118	121	144	142	143	---	---	---	145	137	142
29	124	123	124	144	116	134	---	---	---	143	132	137
30	124	122	124	127	117	122	---	---	---	148	145	147
31	---	---	---	137	115	125	140	126	132	---	---	---
MONTH	144	90	116	166	115	145	150	99	121	157	128	142
YEAR	200	71	116									

pH (UNITS), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

YEAR	7.4	6.0
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SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTEE RIVER BASIN

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTEE RIVER BASIN
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 good except for estimated daily discharges, Jan. 25 - 29, Mar. 6 - 11, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.0	17	16	21	28	44	37	55	19	11	8.0	7.9
2	6.4	15	16	20	26	58	34	36	20	10	10	7.5
3	6.2	14	31	166	26	533	31	31	20	10	9.7	7.0
4	7.1	13	92	66	25	112	30	30	18	9.8	7.9	7.0
5	9.8	12	31	39	25	44	45	31	17	11	6.9	7.7
6	7.8	12	23	31	26	38	44	110	17	13	6.8	8.1
7	7.2	12	21	194	29	34	35	38	16	10	8.7	7.0
8	7.6	12	22	71	26	45	41	31	16	9.6	8.0	6.1
9	7.7	69	20	39	25	55	103	29	16	9.6	7.7	5.6
10	19	146	19	31	24	38	48	29	15	8.9	9.7	5.0
11	42	29	18	32	24	32	38	28	15	8.5	12	5.1
12	843	21	17	69	23	31	34	27	15	7.9	11	6.0
13	364	18	17	36	23	34	33	26	15	7.5	11	5.3
14	42	16	17	30	27	29	33	26	16	7.2	24	5.3
15	32	15	17	29	24	27	43	24	16	6.7	22	5.4
16	26	15	17	61	22	25	38	23	15	6.8	11	5.5
17	24	15	16	37	22	25	33	36	15	8.2	9.0	5.3
18	36	14	17	30	25	38	31	29	15	11	8.3	5.0
19	34	14	25	27	24	34	36	101	15	10	7.9	5.0
20	27	14	29	28	28	30	36	38	17	8.4	7.6	6.5
21	25	14	25	28	27	29	107	32	15	8.6	7.1	5.6
22	327	14	40	27	26	28	51	29	14	7.8	7.1	4.7
23	421	14	23	26	27	27	38	26	14	7.4	7.2	4.5
24	50	14	25	25	25	27	34	25	13	6.6	9.1	4.4
25	223	14	24	24	25	26	31	24	13	10	16	10
26	109	14	25	23	23	26	31	23	12	9.3	12	11
27	38	13	27	22	22	25	35	22	12	13	9.4	6.5
28	30	16	24	22	22	26	40	24	12	9.9	8.8	5.4
29	26	30	22	25	---	523	34	22	11	8.9	9.4	5.0
30	22	19	22	31	---	183	48	21	11	8.8	9.1	4.5
31	19	---	22	36	---	46	---	20	---	8.4	8.2	---
TOTAL	2844.8	655	760	1346	699	2272	1252	1046	455	283.8	310.6	184.9
MEAN	91.8	21.8	24.5	43.4	25.0	73.3	41.7	33.7	15.2	9.15	10.0	6.16
MAX	843	146	92	194	29	533	107	110	20	13	24	11
MIN	6.0	12	16	20	22	25	30	20	11	6.6	6.8	4.4
CFSM	3.81	.91	1.02	1.80	1.04	3.04	1.73	1.40	.63	.38	.42	.26
IN.	4.39	1.01	1.17	2.08	1.08	3.51	1.93	1.61	.70	.44	.48	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	17.9	17.4	24.2	34.4	39.7	40.8	25.6	19.4	11.9	9.42	12.9
MAX	91.8	60.1	54.9	71.2	66.8	79.2	54.7	37.1	18.4	30.7	47.8
(WY)	1991	1986	1984	1982	1984	1984	1983	1984	1984	1984	1985
MIN	3.91	5.41	9.63	12.5	13.3	13.6	11.7	8.02	4.11	2.95	2.53
(WY)	1984	1982	1989	1981	1986	1988	1986	1988	1988	1988	1987

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1981 - 1991

ANNUAL TOTAL	10798.1	12109.1	21.6
ANNUAL MEAN	29.6	33.2	36.1
HIGHEST ANNUAL MEAN			11.2
LOWEST ANNUAL MEAN			1000
HIGHEST DAILY MEAN	843	843	.76
LOWEST DAILY MEAN	3.7	4.4	.92
ANNUAL SEVEN-DAY MINIMUM	4.7	5.1	* 1890
INSTANTANEOUS PEAK FLOW		1720	13.22
INSTANTANEOUS PEAK STAGE		12.71	.90
ANNUAL RUNOFF (CFSM)	1.23	1.38	12.19
ANNUAL RUNOFF (INCHES)	16.67	18.69	35
10 PERCENT EXCEEDS	41	43	12
50 PERCENT EXCEEDS	17	22	4.0
90 PERCENT EXCEEDS	5.4	7.2	

* From rating curve extended above 300 ft³/s.

SANTEE RIVER BASIN

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, 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.--Records good except for estimated daily discharges, May 4 to Sept. 30, which are fair, and Oct. 1 - 11, Dec. 4 - 11, Mar. 29 to Apr. 3, Apr. 22 to May 3, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	66	65	81	80	65	150	200	99	78	150	84
2	36	64	61	76	78	91	130	170	117	76	124	78
3	35	63	61	75	76	98	140	140	114	74	106	74
4	37	62	68	79	74	110	104	134	97	73	91	74
5	43	62	62	73	73	94	152	148	92	74	82	73
6	38	62	57	71	77	86	129	163	91	74	79	71
7	35	60	56	75	83	90	105	132	89	69	79	69
8	34	59	56	79	75	98	105	122	87	69	82	68
9	34	69	55	83	72	105	181	122	86	68	193	66
10	36	220	54	78	70	91	120	122	84	66	144	64
11	52	93	53	345	69	84	97	116	82	66	94	64
12	536	78	52	351	68	81	90	114	84	63	436	63
13	509	70	52	153	69	88	109	129	84	61	186	63
14	168	66	55	116	93	82	109	111	91	59	155	63
15	102	64	54	104	76	78	125	106	91	58	142	61
16	80	63	53	277	68	75	110	102	86	74	111	59
17	71	62	52	150	68	73	97	101	84	99	96	59
18	88	61	54	118	76	96	90	122	112	101	87	59
19	72	60	62	105	71	84	203	730	201	81	82	59
20	63	60	57	146	81	78	170	310	177	92	78	58
21	61	59	60	112	79	76	450	200	119	74	74	58
22	325	59	61	100	75	74	240	163	134	69	73	56
23	553	59	63	94	78	74	180	145	122	68	71	56
24	182	58	115	91	74	73	140	134	107	66	69	56
25	143	57	79	88	72	70	110	125	97	79	109	68
26	121	57	70	84	70	67	190	120	94	64	153	61
27	98	56	71	82	67	69	240	119	91	101	102	56
28	90	57	75	80	66	69	270	124	87	314	87	54
29	83	64	71	78	---	150	450	112	82	102	148	54
30	76	56	74	89	---	750	280	111	79	740	102	54
31	72	---	94	95	---	200	---	106	---	236	91	---
TOTAL	3911	2046	1972	3628	2078	3419	5066	4853	3060	3388	3676	1902
MEAN	126	68.2	63.6	117	74.2	110	169	157	102	109	119	63.4
MAX	553	220	115	351	93	750	450	730	201	740	436	84
MIN	34	56	52	71	66	65	90	101	79	58	69	54
CFSM	2.28	1.23	1.15	2.11	1.34	1.99	3.05	2.83	1.84	1.97	2.14	1.14
IN.	2.63	1.37	1.32	2.44	1.40	2.30	3.40	3.26	2.05	2.27	2.47	1.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1991, BY WATER YEAR (WY)

	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
MEAN	123	70.2	81.2	127	128	138	113	101	75.2	76.6	68.2	53.9
MAX	126	72.2	98.8	136	248	199	169	157	102	109	119	63.4
(WY)	1991	1990	1990	1990	1990	1990	1991	1991	1991	1991	1991	1991
MIN	119	68.2	63.6	117	61.1	104	55.1	62.2	53.3	43.6	42.5	45.8
(WY)	1990	1991	1991	1991	1989	1989	1989	1989	1990	1990	1989	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1989 - 1991

ANNUAL TOTAL	37028		38999		106	
ANNUAL MEAN	101		107		107	1991
HIGHEST ANNUAL MEAN					104	1990
LOWEST ANNUAL MEAN					895	Mar 17 1990
HIGHEST DAILY MEAN	895	Mar 17	750	Mar 30	** 25	Aug 19 1990
LOWEST DAILY MEAN	25	Aug 19	* 34	Oct 8	26	Aug 14 1990
ANNUAL SEVEN-DAY MINIMUM	26	Aug 14	37	Oct 3	2190	Mar 29 1991
INSTANTANEOUS PEAK FLOW			2190	Mar 29	9.43	Mar 29 1991
INSTANTANEOUS PEAK STAGE				Mar 29	1.90	
ANNUAL RUNOFF (CFSM)	1.83		1.93		25.88	
ANNUAL RUNOFF (INCHES)	24.86		26.19		155	
10 PERCENT EXCEEDS	185		165		71	
50 PERCENT EXCEEDS	69		81		37	
90 PERCENT EXCEEDS	36		57			

* Also occurred on Oct. 9.

** Also occurred on Aug. 20, 1990.

SANTEE RIVER BASIN

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

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

DRAINAGE AREA.--212 mi².

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

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

GAGE.--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. 8 to Nov. 4, Dec. 5 - 13, Jan. 26 to Feb. 6, which are poor and Nov. 5 - 29, Jan. 10 - 25, which are fair. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (02154950). Some diurnal fluctuation caused by mill on North Pacolet River. About 50.1 ft³/s per day diverted from South Pacolet River above station for City of Spartanburg water supply during water year.

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109	241	180	281	276	245	599	918	275	160	941	257
2	107	231	183	259	258	314	539	685	282	155	777	243
3	105	224	202	258	251	522	607	588	351	151	536	236
4	108	218	228	285	244	397	557	471	334	200	466	228
5	122	209	200	268	237	298	498	483	266	207	348	222
6	110	218	190	260	258	275	575	709	242	231	172	220
7	105	200	173	275	288	315	492	494	183	202	171	213
8	110	194	160	254	251	339	413	442	180	194	214	205
9	137	258	150	239	241	393	471	379	186	191	279	201
10	150	666	145	231	242	339	454	380	228	181	399	170
11	194	372	140	1210	233	316	497	369	171	178	225	155
12	2010	314	140	1450	182	280	402	325	170	138	1030	150
13	3360	287	150	666	171	284	404	378	177	134	1590	147
14	1860	251	180	455	315	292	434	362	171	130	849	165
15	414	239	188	407	253	273	528	354	177	127	815	144
16	332	238	184	960	231	261	557	332	197	133	567	153
17	258	233	182	560	231	255	467	303	231	175	433	165
18	313	228	196	457	257	322	447	325	224	210	356	139
19	372	221	221	373	263	304	1600	962	281	175	308	141
20	276	276	198	403	295	272	1230	1360	546	168	235	152
21	224	200	202	337	298	260	1360	863	474	203	201	136
22	560	194	206	332	277	254	866	654	312	174	171	133
23	1490	194	208	313	277	234	670	499	404	176	166	145
24	780	186	415	294	271	224	573	464	374	129	162	133
25	534	187	300	287	263	225	513	434	259	134	229	151
26	509	188	248	294	266	214	463	371	247	130	677	167
27	372	189	233	287	262	209	694	345	248	133	559	138
28	332	209	248	258	249	213	762	359	198	860	393	140
29	294	224	236	258	---	1120	893	378	171	539	673	177
30	276	190	241	276	---	3470	1550	374	164	2490	413	173
31	241	---	282	313	---	1720	---	322	---	2470	287	---
TOTAL	16164	7279	6409	12800	7140	14439	20115	15682	7723	10878	14642	5199
MEAN	521	243	207	413	255	466	670	506	257	351	472	173
MAX	3360	666	415	1450	315	3470	1600	1360	546	2490	1590	257
MIN	105	186	140	231	171	209	402	303	164	127	162	133
CFSM	2.46	1.14	.98	1.95	1.20	2.20	3.16	2.39	1.21	1.66	2.23	.82
IN.	2.84	1.28	1.12	2.25	1.25	2.53	3.53	2.75	1.36	1.91	2.57	.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1991, BY WATER YEAR (WY)

MEAN	287	267	344	403	444	485	449	344	288	253	258	229
MAX	1313	750	733	1203	940	1324	1249	816	647	486	846	763
(WY)	1965	1949	1984	1937	1990	1952	1936	1959	1961	1945	1940	1975
MIN	42.2	83.6	106	107	129	153	127	107	86.8	47.7	59.0	51.0
(WY)	1955	1982	1956	1956	1986	1988	1986	1988	1988	1986	1988	1954

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1930 - 1991
ANNUAL TOTAL	134096	138470	
ANNUAL MEAN	367	379	338
HIGHEST ANNUAL MEAN			535
LOWEST ANNUAL MEAN			140
HIGHEST DAILY MEAN	4050	Mar 18	13500
LOWEST DAILY MEAN	100	Aug 19	32
ANNUAL SEVEN-DAY MINIMUM	105	Sep 24	35
INSTANTANEOUS PEAK FLOW			4720
INSTANTANEOUS PEAK STAGE			7.23
ANNUAL RUNOFF (CFSM)	1.73		1.79
ANNUAL RUNOFF (INCHES)	23.53		24.30
10 PERCENT EXCEEDS	694		671
50 PERCENT EXCEEDS	233		258
90 PERCENT EXCEEDS	118		151

* Also occurred on Oct. 7, 1954.

** From rating curve extended above 9,600 ft³/s by velocity-area studies.

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.--Estimated daily discharges, Jan. 16 - 23. Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	7.4	4.3	8.0	6.2	6.9	5.8	8.3	11	7.8	24	5.1
2	3.3	6.2	4.1	9.4	6.9	12	5.2	5.7	26	8.9	16	4.5
3	3.2	5.6	4.2	11	8.0	23	4.7	6.7	15	8.6	13	4.4
4	2.6	5.3	8.3	9.9	6.9	15	4.4	7.3	14	8.3	14	4.2
5	2.2	5.0	7.8	9.0	6.1	13	4.8	48	12	8.7	14	4.1
6	2.1	4.8	6.9	8.7	6.3	10	3.9	54	11	7.8	13	3.8
7	2.0	4.7	6.5	12	6.4	10	4.3	15	9.7	8.2	11	4.2
8	1.9	4.0	6.5	10	6.4	18	5.9	14	9.2	8.5	11	5.0
9	1.7	18	6.1	9.4	6.4	12	11	12	9.4	8.5	9.5	4.7
10	2.6	17	5.8	9.7	6.1	9.6	7.2	11	8.3	8.4	6.8	4.1
11	4.4	3.6	6.0	95	5.6	8.3	5.3	10	7.4	8.0	6.0	3.6
12	204	3.5	6.5	16	5.6	8.9	4.9	11	7.6	8.7	18	3.7
13	82	3.2	6.9	7.3	7.0	11	5.1	11	7.6	8.2	5.7	4.2
14	11	3.1	14	6.1	16	9.6	3.8	15	7.7	7.9	8.8	4.3
15	7.9	3.1	15	8.5	13	9.6	4.4	10	7.5	7.2	8.6	4.7
16	7.1	3.4	15	50	12	9.1	3.7	11	7.2	23	9.7	4.2
17	6.2	3.1	13	9.0	13	8.5	3.1	9.4	7.8	18	10	4.7
18	9.0	3.1	13	8.0	11	14	3.2	15	7.5	19	12	5.1
19	5.7	3.4	9.0	8.0	9.2	9.7	54	61	8.1	14	10	4.9
20	5.2	3.3	7.7	18	13	8.3	20	28	8.3	14	7.7	4.9
21	5.0	3.7	8.6	10	8.1	7.3	13	12	9.0	13	6.7	4.3
22	77	3.9	8.1	9.5	11	7.4	7.7	11	9.2	11	10	5.0
23	68	3.7	13	9.5	11	8.6	6.5	11	9.1	11	9.1	4.8
24	12	3.7	12	9.4	9.3	10	5.9	10	8.9	10	8.2	4.8
25	13	3.8	8.6	9.1	10	9.1	6.1	10	8.8	8.3	9.9	7.2
26	10	3.9	7.3	7.7	9.4	7.9	6.1	8.7	8.7	6.5	12	5.0
27	7.3	4.0	8.7	7.3	8.0	7.4	32	7.7	8.7	12	10	4.5
28	7.4	4.2	7.4	8.0	6.8	9.5	15	9.5	8.2	22	7.8	4.8
29	7.8	4.4	6.7	8.5	---	89	35	21	8.2	6.3	8.8	4.2
30	7.7	4.3	7.2	12	---	40	52	27	8.4	26	13	4.2
31	7.9	---	9.1	7.8	---	7.2	---	9.7	---	14	8.5	---
TOTAL	590.6	150.4	263.3	421.8	244.7	429.9	344.0	501.0	289.5	351.8	332.8	137.2
MEAN	19.1	5.01	8.49	13.6	8.74	13.9	11.5	16.2	9.65	11.3	10.7	4.57
MAX	204	18	15	95	16	89	54	61	26	26	24	7.2
MIN	1.7	3.1	4.1	6.1	5.6	6.9	3.1	5.7	7.2	6.3	5.7	3.6
CFSM	2.95	.78	1.31	2.11	1.35	2.15	1.78	2.50	1.49	1.76	1.66	.71
IN.	3.40	.87	1.52	2.43	1.41	2.48	1.98	2.89	1.67	2.03	1.92	.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1991, BY WATER YEAR (WY)

	MEAN	7.77	8.78	9.75	10.8	12.8	13.3	10.2	10.1	7.79	6.37	6.06	5.13
MAX	19.1	17.6	18.2	16.8	23.8	23.8	17.0	20.3	14.2	12.3	13.4	9.13	
(WY)	1991	1986	1984	1990	1990	1980	1983	1984	1989	1984	1984	1980	
MIN	3.30	3.89	5.00	5.22	6.53	7.15	4.87	4.65	4.02	1.61	2.40	3.27	
(WY)	1988	1982	1989	1981	1988	1981	1986	1986	1986	1986	1988	1985	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1980 - 1991

ANNUAL TOTAL	4005.5		4057.0										
ANNUAL MEAN	11.0		11.1										
HIGHEST ANNUAL MEAN										9.05			
LOWEST ANNUAL MEAN										12.5			1984
HIGHEST DAILY MEAN	204	Oct 12	204	Oct 12						5.69			1988
LOWEST DAILY MEAN	1.7	Oct 9	1.7	Oct 9						.98			Aug 2 1986
ANNUAL SEVEN-DAY MINIMUM	2.2	Oct 4	2.2	Oct 4						1.2			Jul 27 1986
INSTANTANEOUS PEAK FLOW			309	Oct 12						340			Mar 17 1990
INSTANTANEOUS PEAK STAGE			6.36	Oct 12						7.86			May 23 1980
INSTANTANEOUS LOW FLOW			1.6	Oct 9						.98			Aug 1 1986
ANNUAL RUNOFF (CFSM)	1.70		1.72							1.40			
ANNUAL RUNOFF (INCHES)	23.07		23.36							19.04			
10 PERCENT EXCEEDS	17		15							15			
50 PERCENT EXCEEDS	6.8		8.3							6.8			
90 PERCENT EXCEEDS	3.4		4.1							3.3			

SANTEE RIVER BASIN

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, Oct. 12 - 29, May 22 - 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	104	75	102	114	121	241	265	141	77	166	78
2	69	91	73	94	105	226	208	196	263	81	174	73
3	68	87	100	93	102	335	185	168	172	125	123	72
4	76	85	114	96	99	249	173	156	145	78	102	72
5	76	84	83	88	98	164	237	232	132	80	90	71
6	72	85	80	86	114	144	204	451	122	97	84	69
7	73	79	82	166	123	143	169	231	115	74	80	68
8	73	80	91	166	102	203	162	177	109	70	79	67
9	73	237	82	140	95	182	261	158	105	70	80	66
10	91	369	79	124	93	139	224	156	101	136	128	64
11	158	143	77	606	91	127	167	144	96	91	91	64
12	1800	112	75	472	89	121	151	141	93	72	772	63
13	1000	100	74	224	101	154	183	146	96	66	342	61
14	150	92	86	162	183	127	195	139	193	62	288	61
15	90	87	77	144	114	116	424	175	154	60	275	59
16	75	85	73	601	93	109	230	273	111	70	162	60
17	70	83	70	252	92	106	178	288	100	135	130	87
18	95	80	75	183	113	148	162	215	100	139	115	100
19	70	78	123	167	99	126	793	1030	104	90	106	63
20	65	78	104	242	139	117	614	787	104	83	98	61
21	60	76	113	164	121	110	417	356	101	86	90	58
22	800	75	96	134	112	102	255	180	109	69	87	57
23	700	75	112	124	134	100	202	150	103	64	83	57
24	200	74	259	132	113	97	178	140	99	61	84	57
25	140	72	123	124	108	92	161	135	93	63	157	150
26	120	72	102	113	100	91	151	130	88	61	158	107
27	110	72	104	107	94	91	391	140	88	104	109	69
28	100	101	115	104	91	100	405	160	85	369	94	62
29	110	112	101	101	---	653	260	210	80	131	123	59
30	109	79	99	147	---	1000	531	290	77	645	92	58
31	102	---	134	152	---	327	---	170	---	211	83	---
TOTAL	6862	3047	3051	5610	3032	5920	8112	7589	3479	3620	4645	2113
MEAN	221	102	98.4	181	108	191	270	245	116	117	150	70.4
MAX	1800	369	259	606	183	1000	793	1030	263	645	772	150
MIN	60	72	70	86	89	91	151	130	77	60	79	57
CFSM	2.93	1.34	1.30	2.39	1.43	2.53	3.58	3.24	1.53	1.54	1.98	.93
IN.	3.38	1.50	1.50	2.76	1.49	2.91	3.99	3.73	1.71	1.78	2.29	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1991, BY WATER YEAR (WY)

	1989	1990	1991	1990	1991	1991	1990	1991	1990	1991	1990	1991
MEAN	174	97.6	118	165	180	204	191	169	107	94.0	96.5	69.9
MAX	221	102	138	181	253	218	270	245	143	117	150	81.2
(WY)	1991	1991	1990	1991	1990	1990	1991	1991	1989	1991	1991	1990
MIN	128	93.6	98.4	149	108	191	111	93.0	62.0	75.1	57.3	58.1
(WY)	1990	1990	1991	1990	1991	1991	1990	1990	1990	1990	1989	1989

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1989 - 1991

ANNUAL TOTAL	46783	57080	140
ANNUAL MEAN	128	156	156
HIGHEST ANNUAL MEAN			123
LOWEST ANNUAL MEAN			1800
HIGHEST DAILY MEAN	1800	1800	1800
LOWEST DAILY MEAN	48	57	33
ANNUAL SEVEN-DAY MINIMUM	49	62	36
INSTANTANEOUS PEAK FLOW		2360	2360
INSTANTANEOUS PEAK STAGE		12.51	12.51
ANNUAL RUNOFF (CFSM)	1.70	2.07	1.85
ANNUAL RUNOFF (INCHES)	23.02	28.09	25.09
10 PERCENT EXCEEDS	190	259	217
50 PERCENT EXCEEDS	89	106	92
90 PERCENT EXCEEDS	60	70	59

* Also occurred on Sept. 23, 24.

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. 12 - 15, 23 - 27, Jan. 12, 13, Mar. 3 - 5, Mar. 29 to Apr. 1, Apr. 20, 21, and estimated daily discharges, Nov. 11 - 15, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	4.9	4.4	7.8	29	15	30	45	6.0	4.1	3.4	1.2
2	1.8	4.2	4.6	8.0	23	70	23	27	10	3.9	11	1.1
3	2.2	3.9	8.4	7.4	19	290	19	19	6.4	3.8	4.9	1.1
4	4.2	4.0	26	7.9	17	100	16	15	5.9	3.9	3.2	1.1
5	5.6	3.7	12	7.4	16	50	22	15	5.2	4.0	3.1	1.1
6	4.1	3.4	9.4	7.7	16	38	33	24	4.9	3.9	3.0	1.1
7	4.6	3.1	8.5	28	17	34	22	15	4.7	3.6	3.1	1.1
8	5.5	3.1	9.8	41	14	28	20	11	4.5	3.6	3.1	1.1
9	6.0	24	7.7	26	13	25	42	10	4.6	3.5	2.9	1.1
10	9.2	99	7.7	19	12	20	33	10	4.7	3.3	17	1.0
11	19	25	7.1	131	12	17	22	8.9	4.5	3.4	10	1.0
12	275	16	6.8	80	11	15	18	8.5	4.5	3.4	79	1.0
13	85	10	6.6	40	12	24	16	8.0	4.5	3.4	26	1.0
14	30	9.0	7.7	30	14	35	15	7.1	24	3.1	126	1.0
15	7.5	8.0	7.0	24	12	23	28	6.7	18	3.0	58	.94
16	3.5	7.6	6.9	67	10	18	25	8.0	7.3	3.6	13	.93
17	2.7	7.3	6.4	37	10	16	18	12	6.4	4.7	4.6	.93
18	2.6	6.6	6.6	27	10	19	15	33	43	5.4	3.0	.92
19	2.5	6.2	6.2	23	10	15	22	182	11	5.6	2.5	.99
20	2.4	5.8	7.1	38	12	13	45	52	7.5	3.6	2.0	.99
21	2.4	5.4	11	28	11	12	35	32	9.1	3.3	1.7	1.0
22	26	5.4	9.9	22	14	11	33	21	7.0	3.2	1.5	1.0
23	75	5.6	9.9	21	62	11	22	15	5.7	3.2	1.5	1.1
24	12	5.3	10	23	42	10	18	12	5.2	3.2	1.4	1.2
25	65	5.0	8.5	26	26	8.9	14	11	4.8	3.1	2.1	3.3
26	60	4.9	7.9	22	21	8.4	13	9.7	4.6	3.4	2.3	2.1
27	20	4.6	8.1	21	17	8.5	14	10	4.6	3.5	1.8	1.3
28	16	5.1	8.9	18	15	9.9	26	9.3	4.4	3.3	1.6	1.2
29	10	5.5	8.2	16	---	60	17	7.5	4.3	6.3	1.8	1.2
30	7.7	4.4	8.6	56	---	125	63	6.8	4.1	4.7	1.6	1.3
31	6.0	---	9.1	56	---	45	---	6.3	---	3.6	1.4	---
TOTAL	775.2	306.0	267.0	966.2	497	1174.7	739	657.8	241.4	117.6	397.5	35.40
MEAN	25.0	10.2	8.61	31.2	17.7	37.9	24.6	21.2	8.05	3.79	12.8	1.18
MAX	275	99	26	131	62	290	63	182	43	6.3	126	3.3
MIN	1.7	3.1	4.4	7.4	10	8.4	13	6.3	4.1	3.0	1.4	.92
CFSM	2.03	.83	.70	2.53	1.44	3.08	2.00	1.73	.65	.31	1.04	.10
IN.	2.34	.93	.81	2.92	1.50	3.55	2.24	1.99	.73	.36	1.20	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

MEAN	8.11	8.97	13.9	21.7	25.3	23.5	14.1	9.77	4.86	3.37	4.73	2.53
MAX	27.3	33.8	31.4	33.9	47.6	48.5	24.6	29.8	11.0	5.88	12.8	7.41
(WY)	1990	1986	1990	1984	1990	1983	1991	1984	1982	1989	1991	1987
MIN	1.57	2.78	3.44	4.63	7.06	7.31	4.69	2.86	2.08	1.26	.87	1.18
(WY)	1988	1982	1989	1989	1986	1985	1985	1985	1990	1988	1987	1991

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1981 - 1991

ANNUAL TOTAL	4870.99	6174.80	11.7
ANNUAL MEAN	13.3	16.9	17.3
HIGHEST ANNUAL MEAN			1984
LOWEST ANNUAL MEAN			1985
HIGHEST DAILY MEAN	275	Oct 12	345
LOWEST DAILY MEAN	.75	Aug 1	.27
ANNUAL SEVEN-DAY MINIMUM	.84	Jul 29	.54
INSTANTANEOUS PEAK FLOW			1090
INSTANTANEOUS PEAK STAGE			11.68
INSTANTANEOUS LOW FLOW			.24
ANNUAL RUNOFF (CFSM)	1.08		.95
ANNUAL RUNOFF (INCHES)	14.73		12.89
10 PERCENT EXCEEDS	30		24
50 PERCENT EXCEEDS	5.7		5.1
90 PERCENT EXCEEDS	1.2		1.5

* Caused by backwater from the Broad River.

** Also occurred on Sept. 13 - 19.

*** Also occurred on Aug. 30, 31, 1987.

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC

LOCATION.--Lat 34°35'46'', long 81°25'20'', Union County, Hydrologic Unit 03050106, on right bank at downstream side of bridge on State Highway 72, 1.3 mi upstream from Sandy River, 2.0 mi downstream from Seaboard Coast Line Railroad bridge, 2.5 mi east of Carlisle, 5.0 mi downstream from 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, Oct. 2, 5, 23, Jan. 22, 23, Feb. 15 - 17, Mar. 3, which are poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1400	3990	2800	3740	5150	3340	14400	11600	4170	2430	7340	3480
2	1450	3710	2820	3770	4330	5120	8390	7710	3990	2200	5000	2360
3	1150	3270	2510	3490	3790	11000	6700	5890	3660	2390	4200	2130
4	1680	3280	4240	3440	3680	23200	5790	5300	3580	2500	3580	2730
5	1780	2800	4830	3470	3550	12700	5430	4930	3580	2550	2760	1960
6	1250	2660	3370	3500	3240	7510	6070	7020	3360	2640	2490	1880
7	1680	2810	2860	3320	3630	5970	6150	8080	3170	2710	2380	2880
8	1720	3000	2710	7930	3980	5390	5390	5980	3050	2460	3060	2050
9	1450	3100	2940	6570	3780	6080	6900	4820	2640	2150	2970	2090
10	1500	9050	2720	4890	3410	6190	7290	4260	2770	2250	2530	1900
11	2920	9050	2800	5920	3270	5130	5590	4400	2790	2340	2960	1880
12	9610	5840	2840	19100	3170	4410	4840	4220	2520	2180	3160	2030
13	51400	4170	2390	16100	3360	4220	4500	3650	2930	2370	6360	2460
14	70700	3760	2260	9110	3340	4810	4260	3930	2620	2210	8960	1710
15	24600	3440	2510	6830	3350	4640	5360	4660	3330	2020	9960	1710
16	7840	2880	2510	7550	3340	4270	7830	4690	2790	1480	6900	2280
17	5950	2930	2320	11600	3190	3870	6910	5660	2950	1950	4540	2150
18	5010	2880	2460	8910	3140	3740	5760	7380	2940	2400	3660	1500
19	5020	2820	2510	6720	3220	4280	5300	11000	3260	2800	2990	1740
20	5180	2590	2820	6240	3400	4580	16300	11300	3300	2640	2590	1950
21	4620	2660	3360	7170	3720	4130	16200	9670	3520	2170	2680	1940
22	4370	2770	3750	6050	3920	3810	12400	6900	4910	2170	2430	1860
23	30000	2630	3320	5150	4160	3740	8860	5880	6150	2090	2180	1720
24	28900	2580	3340	4820	4840	3580	7060	4960	4140	2070	2060	1620
25	12600	2470	5210	4510	4070	3450	5770	4590	3640	1930	2590	1910
26	20500	2430	5220	4470	3550	3330	5220	4210	3330	2250	2230	2000
27	11500	2320	3970	4290	3530	3060	5030	3750	3010	2600	2830	2610
28	7040	2620	3760	3980	3460	3380	6890	3580	2720	2610	3510	1720
29	5140	2510	3590	3750	---	4710	8100	4200	2810	2930	3990	1620
30	4450	3030	3500	4030	---	28800	9980	4660	2600	4070	3910	1750
31	4420	---	3440	5350	---	34300	---	4710	---	8740	3850	---
TOTAL	336830	104050	99680	195770	102570	226740	224670	183590	100230	80300	120650	61620
MEAN	10870	3468	3215	6315	3663	7314	7489	5922	3341	2590	3892	2054
MAX	70700	9050	5220	19100	5150	34300	16300	11600	6150	8740	9960	3480
MIN	1150	2320	2260	3320	3140	3060	4260	3580	2520	1480	2060	1500
CFSM	3.89	1.24	1.15	2.26	1.31	2.62	2.68	2.12	1.20	.93	1.39	.74
IN.	4.49	1.39	1.33	2.61	1.37	3.02	3.00	2.45	1.34	1.07	1.61	.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1991, BY WATER YEAR (WY)

	MEAN	3211	3060	3863	4805	5777	6243	5253	3950	3227	2888	2988	2554
MAX	14720	8651	7549	10610	13040	14920	11400	8534	6763	8092	9495	9885	
(WY)	1965	1958	1946	1978	1960	1952	1958	1975	1973	1941	1949	1945	
MIN	562	1087	1271	1220	1887	2399	1922	1509	1014	790	750	628	
(WY)	1955	1955	1956	1956	1941	1988	1986	1941	1988	1986	1956	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1939 - 1991

ANNUAL TOTAL	1702700		1836700										
ANNUAL MEAN	4665		5032										
HIGHEST ANNUAL MEAN										3976			
LOWEST ANNUAL MEAN										5977			1965
HIGHEST DAILY MEAN	70700	Oct 14	70700	Oct 14						114000	Oct 10		1976
LOWEST DAILY MEAN	1150	Oct 3	1150	Oct 3						44	Sep 2		1956
ANNUAL SEVEN-DAY MINIMUM	1290	Sep 27	1480	Oct 1						475	Oct 15		1954
INSTANTANEOUS PEAK FLOW			78200	Oct 14						* 123000	Oct 10		1976
INSTANTANEOUS PEAK STAGE			26.60	Oct 14						31.51	Oct 10		1976
INSTANTANEOUS LOW FLOW			745	** Sep 18						37	Aug 29		1955
ANNUAL RUNOFF (CFSM)	1.67		1.80							1.43			
ANNUAL RUNOFF (INCHES)	22.70		24.49							19.37			
10 PERCENT EXCEEDS	7570		8090							6740			
50 PERCENT EXCEEDS	3170		3580							2920			
90 PERCENT EXCEEDS	1500		2080							1380			

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

** Also occurred on Sept. 19.

SANTÉE 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, 165 microsiemens, Sept. 24; minimum, 22 microsiemens, May 19.

pH: Maximum, 7.8 units, Sept. 26; minimum, 5.8 units, Mar. 1, 3.

WATER TEMPERATURE: Maximum, 31.0°C, July 23-25; minimum, 4.5°C, Jan. 24-27.

DISSOLVED OXYGEN: Maximum, 12.5 mg/L, Jan. 12, 13, 26, Mar. 31; minimum, 6.0 mg/L, July 16, Aug. 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	122	---	74	68	71	92	85	87	68	66	67
2	145	141	153	82	75	78	88	85	86	66	64	65
3	154	139	143	86	81	83	88	84	86	65	64	64
4	156	133	145	90	85	88	84	71	77	68	65	67
5	---	---	---	92	87	90	75	71	73	72	68	70
6	---	---	---	93	86	88	77	72	75	77	72	75
7	134	116	124	90	83	87	87	77	81	81	72	79
8	145	135	140	90	85	87	91	88	90	69	50	56
9	136	123	127	93	60	86	101	92	97	62	53	57
10	134	123	130	75	33	63	95	91	93	67	62	65
11	133	111	124	37	31	34	92	88	90	68	47	60
12	110	48	80	41	31	35	90	84	88	58	38	51
13	50	35	40	66	42	53	89	83	85	40	30	35
14	41	33	36	76	66	70	96	89	94	43	33	38
15	51	42	48	83	77	80	107	95	103	46	37	43
16	55	51	53	88	81	85	105	101	103	49	39	45
17	62	55	58	99	85	93	103	98	100	47	35	40
18	69	62	66	102	95	99	109	100	105	46	38	41
19	71	68	69	103	98	101	100	92	98	50	45	48
20	79	71	75	99	94	96	93	90	91	52	49	51
21	78	74	76	97	94	96	91	86	89	52	48	51
22	79	73	75	94	89	92	84	81	82	---	---	---
23	---	---	---	91	89	90	88	82	86	---	---	---
24	48	45	46	93	90	92	87	75	83	57	52	54
25	52	43	48	92	86	89	75	67	72	60	55	57
26	51	44	47	86	78	82	66	56	61	64	60	61
27	59	51	54	81	76	77	57	54	55	64	60	62
28	65	60	63	79	76	78	59	57	57	64	61	62
29	69	64	66	84	77	79	63	59	62	63	59	61
30	72	68	70	93	83	87	66	63	65	59	47	54
31	72	69	71	---	---	---	68	66	67	58	54	55
MONTH	156	33	82	103	31	81	109	54	83	81	30	56

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTEE RIVER BASIN

02159810 FAIRFOREST CREEK BELOW SPARTANBURG, SC

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

DRAINAGE AREA.--23.6 mi².

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 fair except for estimated daily discharges, Oct. 3 - 6, 15 - 30, Nov. 13 - 15, Nov. 22 to Dec. 12, Dec. 30, 31, Jan. 8, 9, 11, 12, Feb. 14 to Mar. 14, Apr. 11 - 18, Apr. 29, 30, May 1 - 13, May 18 - 29, June 11 - 20, July 4 - 16, 20 - 31, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.8	19	17	25	28	40	46	70	27	23	30	15
2	9.5	18	16	23	26	70	40	40	61	22	25	14
3	9.8	18	30	24	25	140	36	35	26	24	20	14
4	10	17	20	25	25	60	34	30	26	26	17	14
5	9.6	17	18	21	25	35	94	60	24	17	16	14
6	9.5	17	17	20	38	27	42	200	21	15	16	13
7	9.4	16	18	98	35	25	35	50	20	23	16	13
8	11	16	20	45	25	70	41	40	20	16	15	13
9	9.5	192	18	30	23	40	121	35	20	14	16	13
10	39	98	17	26	23	30	85	33	19	13	21	12
11	78	30	16	250	22	25	50	31	18	40	17	12
12	1630	24	15	85	22	30	35	30	17	20	145	12
13	304	23	18	43	29	50	45	29	16	16	28	12
14	51	22	33	34	90	35	80	28	80	15	121	12
15	19	21	19	40	45	39	150	26	30	14	38	11
16	16	21	18	234	20	41	80	163	20	120	22	11
17	15	20	18	49	25	42	40	60	17	87	18	60
18	30	19	26	36	40	54	33	35	16	48	17	41
19	18	19	39	34	25	30	380	400	15	29	17	13
20	13	18	45	77	50	27	104	200	20	20	16	12
21	40	18	40	34	30	27	104	100	24	16	15	11
22	350	17	27	30	24	27	54	55	30	15	15	11
23	250	17	60	28	40	26	45	40	35	14	15	11
24	60	17	118	42	28	25	42	30	35	13	32	11
25	30	16	32	32	25	24	38	26	25	12	144	95
26	25	16	25	27	23	24	37	24	24	11	43	28
27	22	16	34	27	21	24	278	35	24	11	20	14
28	20	25	30	26	20	34	144	45	24	20	18	12
29	27	35	25	26	---	625	90	150	23	55	27	12
30	23	19	30	74	---	165	300	66	23	22	17	11
31	21	---	40	41	---	60	---	31	---	40	15	---
TOTAL	3169.1	841	899	1606	852	1971	2703	2197	780	831	992	547
MEAN	102	28.0	29.0	51.8	30.4	63.6	90.1	70.9	26.0	26.8	32.0	18.2
MAX	1630	192	118	250	90	625	380	400	80	120	145	95
MIN	9.4	16	15	20	20	24	33	24	15	11	15	11
CFSM	4.33	1.19	1.23	2.20	1.29	2.69	3.82	3.00	1.10	1.14	1.36	.77
IN.	5.00	1.33	1.42	2.53	1.34	3.11	4.26	3.46	1.23	1.31	1.56	.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1991, BY WATER YEAR (WY)

	MEAN	48.9	27.0	30.1	40.9	50.8	57.6	51.1	45.6	28.0	21.0	20.7	22.0
MAX	102	28.9	46.1	53.7	86.5	63.6	90.1	70.9	49.6	26.8	32.0	26.2	26.2
(WY)	1991	1990	1990	1990	1990	1991	1991	1991	1989	1991	1991	1989	1989
MIN	12.3	24.2	15.1	17.0	30.4	46.3	30.3	28.2	14.0	12.6	14.9	18.2	18.2
(WY)	1989	1989	1989	1989	1991	1989	1989	1990	1990	1988	1989	1991	1991

SUMMARY STATISTICS

	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1988 - 1991
ANNUAL TOTAL	15037.9	17388.1	
ANNUAL MEAN	41.2	47.6	37.4
HIGHEST ANNUAL MEAN			47.6
LOWEST ANNUAL MEAN			27.8
HIGHEST DAILY MEAN	1630	1630	1630
LOWEST DAILY MEAN	7.2	9.4	6.0
ANNUAL SEVEN-DAY MINIMUM	8.1	9.7	7.6
INSTANTANEOUS PEAK FLOW		2670	2670
INSTANTANEOUS PEAK STAGE		12.13	12.13
INSTANTANEOUS LOW FLOW		9.2 *	5.8
ANNUAL RUNOFF (CFSM)	1.75	2.02	1.59
ANNUAL RUNOFF (INCHES)	23.70	27.41	21.54
10 PERCENT EXCEEDS	70	86	69
50 PERCENT EXCEEDS	21	25	20
90 PERCENT EXCEEDS	9.7	14	10

* Also occurred on Oct. 8.

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.-- Records good except for estimated daily discharges, Jan. 8, 9, Feb. 15, 17 - 24, Mar. 8, 9, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	252	813	543	873	1410	838	5230	2930	1490	589	996	712
2	241	749	513	847	1110	2030	2340	2190	1330	558	884	705
3	232	650	511	738	1020	4330	1600	1570	1230	542	940	684
4	233	597	1420	730	925	7230	1390	1350	1090	539	775	668
5	233	597	1110	714	858	4510	1310	1240	955	509	657	563
6	241	570	801	680	831	1950	1590	1500	854	532	602	460
7	237	546	682	792	922	1550	1460	2150	790	554	604	408
8	228	528	656	2380	1070	1440	1250	1910	761	525	586	442
9	220	636	636	1890	914	1630	1700	1330	720	506	475	401
10	234	2910	588	1340	846	1590	2410	1190	687	488	524	363
11	421	2800	550	1870	793	1270	1860	1140	669	476	680	376
12	3260	1630	527	3710	743	1150	1410	1100	648	553	3180	393
13	17200	1090	515	3920	719	1180	1210	1070	645	492	6500	405
14	20800	923	530	2330	801	1420	1200	1060	745	454	2580	371
15	9040	802	557	1470	1010	1340	1370	1000	1390	424	5050	358
16	2470	730	563	2250	898	1110	1520	998	1020	412	2110	359
17	1320	695	522	3240	803	1030	1500	1570	803	496	1190	349
18	1050	636	512	2310	770	1010	1210	1640	922	672	991	337
19	990	596	514	1530	798	1090	1230	4860	794	810	902	512
20	995	545	565	1490	818	1020	1940	5730	891	711	898	439
21	838	559	779	1470	1020	933	2130	7720	1490	631	815	401
22	1070	540	939	1240	1130	898	1770	6190	1350	579	689	375
23	8040	530	796	1080	1590	875	1570	2690	1010	533	593	368
24	6860	520	887	1040	1720	856	1310	1740	895	507	547	365
25	4650	495	1270	1110	1280	815	1140	1470	844	458	519	382
26	4270	487	961	1060	1080	764	1050	1310	796	455	629	537
27	3080	482	795	963	970	728	1170	1230	740	458	1030	730
28	1630	485	788	891	885	751	2120	1170	700	505	880	585
29	1180	536	796	834	---	1360	3220	1190	666	1120	755	420
30	970	630	775	1240	---	4860	3060	1610	628	1150	700	363
31	861	---	778	1880	---	7700	---	1550	---	1240	661	---
TOTAL	93346	24307	22379	47912	27734	59258	53270	65398	27553	18478	38942	13831
MEAN	3011	810	722	1546	990	1912	1776	2110	918	596	1256	461
MAX	20800	2910	1420	3920	1720	7700	5230	7720	1490	1240	6500	730
MIN	220	482	511	680	719	728	1050	998	628	412	475	337
CFSM	3.97	1.07	.95	2.04	1.31	2.52	2.34	2.78	1.21	.79	1.66	.61
IN.	4.58	1.19	1.10	2.35	1.36	2.90	2.61	3.21	1.35	.91	1.91	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1991, BY WATER YEAR (WY)

	MEAN	890	832	1053	1547	1513	1815	1316	1073	738	619	576	521
MAX	3011	2519	2354	3020	2683	3544	2379	2363	1517	1507	1256	1342	
(WY)	1991	1986	1984	1978	1979	1980	1979	1984	1975	1984	1991	1975	
MIN	233	328	358	539	603	742	515	386	232	186	136	246	
(WY)	1988	1982	1989	1989	1986	1985	1986	1988	1988	1986	1988	1981	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1974 - 1991

ANNUAL TOTAL	403528		492408										
ANNUAL MEAN	1106		1349										
HIGHEST ANNUAL MEAN										1040			
LOWEST ANNUAL MEAN										1437			1984
HIGHEST DAILY MEAN	20800	Oct 14	20800	Oct 14						26000	Oct 10	1976	
LOWEST DAILY MEAN	186	Aug 20	220	Oct 9						98	Aug 28	1988	
ANNUAL SEVEN-DAY MINIMUM	194	Aug 15	232	Oct 3						112	Aug 23	1988	
INSTANTANEOUS PEAK FLOW			24400	Oct 14						30300	Oct 11	1976	
INSTANTANEOUS PEAK FLOW			24.01	Oct 14						26.31	Oct 11	1976	
INSTANTANEOUS LOW FLOW			218	* Oct 9						96	Aug 28	1988	
ANNUAL RUNOFF (CFSM)	1.46		1.78							1.37			
ANNUAL RUNOFF (INCHES)	19.78		24.13							18.61			
10 PERCENT EXCEEDS	1930		2330							1850			
50 PERCENT EXCEEDS	695		884							741			
90 PERCENT EXCEEDS	250		458							300			

* Also occurred on Oct. 10.

SANTEE RIVER BASIN
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, Dec. 2, 1979, Jan. 2, 1984; minimum, 1.6 mg/L, Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 163 microsiemens, Oct. 9; minimum, 19 microsiemens, Apr. 30.

pH: Maximum 7.8 units, Oct. 2, 5, 7; minimum, 6.0 units, Oct. 23.

WATER TEMPERATURE: Maximum, 29.5°C, July 23 - 25; minimum, 3.0°C, Feb. 17.

DISSOLVED OXYGEN: Maximum, 14.2 mg/L, Jan. 25, 26; minimum 5.9 mg/L, Sept. 20.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	83	73	79	98	92	94	78	74	76
2	106	133	113	84	83	83	102	98	101	75	70	72
3	134	130	133	87	83	86	105	99	103	77	76	76
4	129	119	124	93	87	90	95	49	74	79	76	78
5	148	126	139	95	92	94	80	72	76	82	79	80
6	154	146	150	92	90	91	88	80	85	85	82	83
7	154	152	153	90	88	89	91	88	90	87	70	82
8	160	152	155	95	89	93	95	90	93	---	---	---
9	163	149	158	97	66	92	96	92	94	---	---	---
10	148	126	139	61	53	57	102	96	99	72	65	69
11	125	117	122	61	51	57	95	90	93	73	52	66
12	---	---	---	67	61	64	92	90	91	---	---	---
13	---	---	---	71	67	69	96	91	94	---	---	---
14	42	31	37	76	71	73	100	96	98	---	---	---
15	---	---	---	82	77	79	103	98	101	59	56	58
16	---	---	---	87	82	85	103	99	102	---	---	---
17	---	---	---	88	85	87	101	93	98	---	---	---
18	---	---	---	93	89	91	95	91	94	---	---	---
19	---	---	---	93	90	92	92	90	91	62	59	60
20	91	87	89	94	93	94	96	90	93	64	61	62
21	91	87	90	96	92	94	94	90	91	65	62	63
22	92	39	86	103	95	100	90	85	87	63	60	62
23	43	32	37	100	97	99	85	84	85	66	61	64
24	49	43	46	102	97	99	84	77	83	68	66	67
25	54	49	52	99	95	98	76	67	71	70	68	69
26	50	45	47	96	94	95	69	67	68	73	70	72
27	61	49	56	93	88	91	71	70	70	74	70	72
28	66	61	64	89	87	88	71	70	70	73	71	72
29	67	63	65	92	87	90	78	72	76	72	70	72
30	71	65	68	97	90	94	81	77	78	70	56	65
31	74	67	70	---	---	---	82	78	80	63	58	60
MONTH	163	31	95	103	51	86	105	49	88	87	52	70

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	69	63	67	93	85	89	31	23	25	55	50	52
2	73	69	72	86	36	71	53	25	41	61	55	58
3	74	73	73	65	36	50	61	52	57	66	60	64
4	72	71	72	43	35	40	68	61	64	70	66	68
5	74	71	72	53	45	49	70	68	69	72	68	70
6	77	73	74	60	49	54	73	70	71	71	67	69
7	79	75	78	62	58	60	72	70	71	66	56	62
8	77	74	76	---	---	---	76	69	73	63	56	60
9	78	75	76	---	---	---	71	62	68	72	63	67
10	79	78	78	65	62	63	62	57	59	74	69	72
11	78	77	78	66	62	64	71	62	66	77	73	75
12	77	75	76	66	64	65	73	68	70	77	76	76
13	80	77	78	70	65	67	74	73	73	76	73	75
14	83	80	82	70	65	67	76	73	75	77	72	75
15	---	---	---	69	67	68	73	71	72	78	72	75
16	81	77	78	74	69	71	71	67	70	79	77	78
17	91	78	84	76	73	74	74	67	71	79	68	74
18	85	78	80	74	73	73	76	72	74	75	49	73
19	80	76	78	75	73	74	77	75	76	54	28	45
20	79	75	77	78	73	75	77	59	70	47	41	45
21	81	79	80	79	78	78	64	58	61	46	45	46
22	83	78	81	84	79	81	67	61	64	53	46	49
23	86	66	76	85	83	84	63	60	62	59	53	56
24	70	66	68	84	81	83	71	64	68	63	58	60
25	76	67	71	81	78	79	76	71	73	66	63	64
26	73	71	72	81	79	80	79	76	78	67	64	66
27	85	73	78	86	81	83	80	73	77	68	66	67
28	87	81	84	90	87	89	77	30	64	70	68	69
29	---	---	---	93	62	84	31	22	27	73	68	70
30	---	---	---	66	42	51	48	19	24	72	64	67
31	---	---	---	52	27	33	---	---	---	70	64	68
MONTH	91	63	76	93	27	69	80	19	64	79	28	65
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	68	64	66	90	88	89	76	72	74	95	87	92
2	69	65	67	89	86	87	78	74	76	87	80	83
3	73	69	71	88	86	87	81	77	79	83	80	81
4	71	68	70	90	87	88	80	76	78	85	78	82
5	76	71	73	88	84	86	80	78	79	93	82	88
6	81	76	78	85	81	83	83	79	81	95	89	92
7	84	81	82	81	80	81	87	80	84	103	95	99
8	88	84	86	82	78	81	103	88	96	108	104	106
9	88	86	87	83	78	81	114	104	111	106	100	103
10	88	85	86	83	80	81	116	110	113	109	102	105
11	88	84	86	89	83	87	108	101	106	111	106	108
12	85	83	84	101	89	96	109	36	72	118	109	113
13	87	83	85	97	91	94	73	26	48	124	118	121
14	86	66	82	104	98	101	79	48	69	128	119	125
15	71	60	67	109	102	105	59	36	48	133	124	128
16	77	68	72	101	99	100	69	61	65	134	130	131
17	82	76	79	101	90	98	75	67	72	136	126	131
18	79	74	77	101	92	98	80	75	77	125	114	121
19	87	79	81	99	90	96	81	78	80	129	110	119
20	92	86	89	95	88	92	78	74	76	112	107	109
21	86	65	77	90	87	88	82	75	77	122	111	117
22	72	64	69	90	87	89	89	83	87	119	91	112
23	76	72	74	94	88	91	95	89	92	---	---	---
24	79	77	78	94	89	92	99	94	98	---	---	---
25	77	75	76	104	92	100	104	98	101	---	---	---
26	78	74	75	108	101	104	113	101	105	---	---	---
27	85	78	82	111	104	107	110	82	93	---	---	---
28	91	86	89	109	102	106	84	80	82	---	---	---
29	92	89	91	102	71	87	87	84	86	---	---	---
30	93	87	91	70	65	67	92	87	90	---	---	---
31	---	---	---	75	68	72	96	92	94	---	---	---
MONTH	93	60	79	111	65	91	116	26	84	136	78	108
YEAR	163	19	81									

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	9.1	8.8	9.0	11.0	10.4	10.7	10.9	10.3	10.6
2	7.9	7.9	8.3	8.9	8.8	8.9	10.8	10.4	10.7	11.1	10.8	10.9
3	8.4	8.0	8.3	9.1	8.8	8.9	10.4	9.9	10.2	11.3	11.0	11.2
4	8.3	7.9	8.1	9.0	8.6	8.8	9.8	9.2	9.5	11.2	11.0	11.1
5	8.3	7.9	8.1	8.7	8.4	8.6	10.9	9.9	10.5	11.1	11.0	11.0
6	8.6	8.1	8.3	8.6	8.3	8.5	11.5	10.9	11.3	11.1	10.8	11.0
7	8.5	8.1	8.3	9.0	8.6	8.8	11.6	11.3	11.5	10.8	10.4	10.6
8	8.2	7.7	8.0	9.3	8.9	9.1	11.4	11.2	11.3	---	---	---
9	8.1	7.7	7.9	9.5	9.3	9.4	11.7	11.2	11.5	---	---	---
10	8.1	7.8	8.0	9.4	8.8	9.0	11.8	11.4	11.6	11.2	11.1	11.1
11	7.9	7.8	7.9	9.2	8.8	9.0	11.7	11.4	11.5	11.1	11.0	11.1
12	8.0	7.0	7.7	9.6	9.2	9.3	11.7	11.3	11.5	11.2	10.8	11.0
13	7.1	6.4	6.7	9.6	9.4	9.5	11.5	10.9	11.3	11.4	11.0	11.2
14	6.5	6.2	6.3	9.8	9.6	9.7	10.9	10.6	10.7	12.2	11.4	11.8
15	---	---	---	10.0	9.8	9.9	10.8	10.6	10.7	12.6	12.1	12.4
16	---	---	---	9.9	9.7	9.8	10.7	10.3	10.5	12.4	11.8	12.1
17	---	---	---	9.7	9.6	9.6	10.5	10.3	10.4	12.2	11.8	11.9
18	---	---	---	10.0	9.6	9.9	10.4	10.0	10.2	12.5	11.9	12.3
19	---	---	---	10.3	10.0	10.2	10.0	9.8	9.9	12.7	12.6	12.6
20	8.2	7.9	8.1	10.4	10.2	10.3	10.3	9.9	10.1	12.7	12.4	12.5
21	8.3	8.1	8.2	10.3	10.1	10.2	10.6	10.4	10.5	12.7	12.4	12.5
22	8.1	7.3	7.9	10.3	10.0	10.2	10.5	10.3	10.5	13.5	12.7	13.2
23	7.2	6.8	6.9	10.0	9.5	9.8	10.2	9.8	10.1	14.0	13.5	13.9
24	7.1	6.8	7.0	9.7	9.5	9.6	10.2	9.7	9.9	14.1	13.9	14.0
25	7.8	7.0	7.2	10.0	9.7	9.9	11.2	10.2	10.8	14.2	14.0	14.1
26	8.0	7.8	7.9	10.1	9.8	10.0	11.8	11.3	11.6	14.2	13.8	14.0
27	8.5	8.0	8.2	10.1	9.9	10.0	12.1	11.8	12.0	13.7	13.1	13.5
28	8.6	8.5	8.6	9.9	9.5	9.8	12.1	11.9	12.1	13.1	11.7	12.4
29	8.9	8.6	8.8	9.5	9.3	9.4	11.9	11.5	11.7	11.6	10.7	11.2
30	9.1	8.8	9.0	10.3	9.5	10.0	11.5	10.7	11.2	11.2	10.5	10.9
31	9.1	8.9	9.0	---	---	---	10.7	10.3	10.4	10.6	10.2	10.4
MONTH	9.1	6.2	7.9	10.4	8.3	9.5	12.1	9.2	10.9	14.2	10.2	11.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	10.4	10.7	10.9	10.3	10.7	8.8	8.3	8.5	7.6	7.3	7.4
2	11.7	10.9	11.2	10.2	9.4	9.7	8.8	8.4	8.6	7.8	7.5	7.6
3	11.4	11.0	11.2	9.7	9.1	9.4	8.9	8.5	8.7	8.5	7.7	7.9
4	11.1	10.7	11.0	9.5	9.1	9.2	8.8	8.4	8.6	8.0	7.9	7.9
5	11.0	10.5	10.7	9.8	9.3	9.6	8.4	8.3	8.4	8.1	7.9	8.0
6	10.6	10.2	10.4	9.9	9.7	9.8	8.4	8.1	8.3	8.1	7.8	7.9
7	10.2	9.8	10.0	9.7	9.3	9.6	8.4	8.0	8.1	8.2	7.9	8.0
8	9.8	9.7	9.8	---	---	---	8.0	7.7	7.9	8.3	7.9	8.1
9	10.4	9.8	10.1	---	---	---	7.7	7.4	7.6	8.1	8.0	8.1
10	10.7	10.1	10.4	10.5	10.1	10.2	7.7	7.3	7.4	8.3	8.0	8.1
11	10.8	10.5	10.7	10.7	10.2	10.4	7.9	7.4	7.7	8.2	7.9	8.0
12	11.0	10.7	10.8	10.9	10.3	10.5	8.2	7.8	8.1	8.0	7.9	8.0
13	10.8	10.5	10.7	10.3	10.1	10.2	8.6	8.2	8.3	8.0	7.7	7.9
14	10.5	10.1	10.3	10.0	9.8	9.9	8.6	8.3	8.5	7.8	7.7	7.7
15	---	---	---	9.9	9.7	9.9	8.2	8.0	8.1	7.8	7.6	7.7
16	11.9	11.0	11.6	10.2	9.9	10.0	8.1	7.7	7.9	7.8	7.6	7.7
17	12.1	11.9	12.0	10.5	9.8	10.2	7.9	7.7	7.8	7.6	7.5	7.5
18	12.2	11.6	11.8	10.4	9.3	10.0	7.9	7.6	7.7	7.6	7.4	7.5
19	11.6	10.9	11.3	10.0	9.3	9.5	7.9	7.6	7.7	7.6	7.1	7.3
20	11.0	10.2	10.6	10.0	9.4	9.6	8.1	7.9	8.0	7.9	7.6	7.8
21	10.3	10.0	10.1	9.6	9.3	9.5	8.1	7.9	8.0	8.2	7.9	8.1
22	9.9	9.7	9.8	9.6	8.7	9.2	8.6	8.1	8.4	8.3	8.0	8.2
23	10.1	9.8	10.0	8.7	8.6	8.7	8.8	8.3	8.5	8.3	7.9	8.1
24	10.5	10.1	10.3	9.0	8.6	8.7	8.6	8.2	8.4	8.3	7.9	8.1
25	10.4	10.2	10.3	9.2	8.6	8.9	8.6	8.2	8.4	8.0	7.8	7.9
26	10.5	10.1	10.2	9.2	8.7	9.0	8.6	8.4	8.4	8.1	7.8	7.9
27	10.9	10.3	10.7	9.0	8.6	8.8	8.5	8.2	8.4	7.9	7.8	7.8
28	11.0	10.7	10.8	8.6	8.4	8.5	8.3	7.6	8.0	8.0	7.8	7.8
29	---	---	---	8.4	8.2	8.3	7.7	7.5	7.6	7.9	7.6	7.8
30	---	---	---	8.4	8.0	8.1	7.7	7.3	7.5	7.6	7.4	7.5
31	---	---	---	8.4	8.1	8.3	---	---	---	7.7	7.6	7.6
MONTH	12.2	9.7	10.6	10.9	8.0	9.5	8.9	7.3	8.1	8.5	7.1	7.8

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, May 1 - 6, 12 - 22, June 8 - 11, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	150	494	346	524	989	528	2180	1100	640	339	434	386
2	149	464	328	506	723	1150	1070	700	725	330	378	351
3	145	441	334	458	639	2320	860	620	601	326	577	329
4	144	419	801	442	584	3400	758	610	631	320	407	319
5	167	409	563	431	560	2240	700	600	514	324	337	310
6	153	392	452	418	538	1140	799	950	472	314	320	303
7	159	377	400	434	571	943	845	1320	449	343	298	296
8	149	370	394	1010	613	885	713	896	445	328	298	296
9	144	424	392	900	561	939	912	693	430	303	281	289
10	150	1700	372	719	517	946	1360	646	410	292	345	279
11	205	1560	355	1090	491	772	922	632	385	297	534	273
12	2470	812	345	2330	471	698	749	580	382	280	2210	266
13	9390	626	338	2460	460	696	659	560	373	271	2390	259
14	6980	542	338	1210	497	865	664	540	419	255	1820	256
15	2610	494	360	866	679	771	774	520	606	246	2610	265
16	960	459	382	1380	581	665	686	510	451	240	1220	252
17	719	439	356	2040	503	620	666	800	426	259	695	240
18	611	421	340	1170	483	616	607	1100	526	348	561	241
19	607	404	340	870	500	682	658	1700	472	514	493	366
20	635	392	360	859	511	653	900	2300	736	386	487	315
21	493	382	449	880	598	589	760	3900	871	343	421	271
22	930	372	565	748	663	566	903	1800	584	299	385	250
23	3780	369	485	661	927	546	704	759	481	283	368	240
24	4100	361	523	629	1100	533	610	678	430	266	355	231
25	2760	354	996	682	784	510	562	624	443	250	368	246
26	2640	343	642	671	657	489	533	583	402	246	511	310
27	1340	335	526	606	594	485	684	580	385	248	658	419
28	850	332	488	575	551	488	1600	563	389	250	587	308
29	689	344	484	552	---	811	2450	603	386	529	467	271
30	594	365	477	638	---	2580	1780	906	367	414	423	254
31	535	---	478	1150	---	3780	---	889	---	604	436	---
TOTAL	45408	15196	14009	27909	17355	32906	28068	29262	14831	10047	21674	8691
MEAN	1465	507	452	900	620	1061	936	944	494	324	699	290
MAX	9390	1700	996	2460	1100	3780	2450	3900	871	604	2610	419
MIN	144	332	328	418	460	485	533	510	367	240	281	231
CFSM	3.30	1.14	1.02	2.03	1.40	2.39	2.11	2.13	1.11	.73	1.57	.65
IN.	3.80	1.27	1.17	2.34	1.45	2.76	2.35	2.45	1.24	.84	1.82	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1991, BY WATER YEAR (WY)

	MEAN	479	436	581	834	848	1003	747	581	388	332	318	274
MAX	1654	1143	1537	1552	1554	1965	1418	1407	599	806	699	714	
(WY)	1977	1986	1984	1978	1990	1975	1979	1984	1975	1984	1991	1975	
MIN	130	152	212	285	339	359	289	214	135	104	76.1	150	
(WY)	1982	1982	1989	1989	1986	1988	1986	1988	1988	1988	1988	1981	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1974 - 1991
ANNUAL TOTAL	235048	265356	
ANNUAL MEAN	644	727	567
HIGHEST ANNUAL MEAN			859
LOWEST ANNUAL MEAN			267
HIGHEST DAILY MEAN	9390	Oct 13	16800
LOWEST DAILY MEAN	102	Aug 20	51
ANNUAL SEVEN-DAY MINIMUM	116	Aug 15	57
INSTANTANEOUS PEAK FLOW			19700
INSTANTANEOUS PEAK STAGE			32.58
INSTANTANEOUS LOW FLOW			50
ANNUAL RUNOFF (CFSM)	1.45	1.64	1.28
ANNUAL RUNOFF (INCHES)	19.69	22.23	17.37
10 PERCENT EXCEEDS	1050	1190	1000
50 PERCENT EXCEEDS	413	523	401
90 PERCENT EXCEEDS	154	277	170

* Also occurred on Oct. 4, 9, 10.

SANTEE RIVER BASIN

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, 108 microsiemens, Oct. 10; minimum, 30 microsiemens, Oct. 13.

pH: Maximum, 7.6 units, Sept. 23; minimum 5.5 units, May 30.

WATER TEMPERATURE: Maximum, 29.0°C, July 23 - 25; minimum, 2.5°C, Feb. 17.

DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Jan. 23 - 25; minimum, 6.2 mg/L, Oct. 14.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	103	100	102	73	71	72	84	79	81	70	68	69
2	104	101	103	76	72	75	83	79	82	69	65	66
3	104	101	102	78	74	76	83	81	82	69	65	67
4	103	99	101	80	77	79	81	60	65	70	68	69
5	101	97	99	83	79	81	71	65	69	73	70	71
6	104	101	103	85	82	83	74	71	73	75	72	73
7	106	104	105	82	79	81	77	74	76	75	71	74
8	106	103	105	81	79	80	80	75	78	70	52	59
9	107	103	105	82	52	78	82	79	80	60	57	59
10	108	97	104	61	52	55	82	80	81	65	60	63
11	99	80	94	60	54	56	83	79	81	63	51	58
12	76	35	50	60	57	59	80	78	79	51	46	49
13	36	30	32	65	59	63	80	79	79	49	45	48
14	44	32	38	69	66	67	84	78	81	54	47	51
15	54	44	50	73	69	70	83	80	82	58	54	56
16	---	---	---	77	72	75	82	80	81	56	48	52
17	---	---	---	78	74	77	81	79	80	49	46	48
18	---	---	---	82	77	80	81	79	80	52	47	49
19	---	---	---	84	80	81	88	79	81	57	50	53
20	75	71	73	85	80	83	89	77	83	64	57	60
21	74	71	72	83	80	82	85	74	78	64	58	60
22	76	33	69	82	79	80	76	72	73	62	55	59
23	61	33	46	84	80	82	75	70	72	61	57	59
24	60	53	55	84	81	83	72	71	72	66	60	63
25	63	49	57	86	82	84	70	52	60	---	---	---
26	49	42	45	85	79	81	60	53	58	---	---	---
27	59	50	56	79	78	78	64	60	62	---	---	---
28	64	59	62	80	78	79	67	64	65	---	---	---
29	69	64	66	79	77	78	69	66	67	---	---	---
30	71	69	69	80	77	79	70	68	69	---	---	---
31	71	70	71	---	---	---	70	69	69	---	---	---
MONTH	108	30	75	86	52	76	89	52	75	75	45	60

SANTÉE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	61	56	59	69	65	66	50	41	47	---	---	---
2	62	58	60	65	49	56	56	49	52	---	---	---
3	66	61	63	51	38	44	59	53	57	---	---	---
4	67	64	66	43	38	40	62	58	59	---	---	---
5	66	65	66	48	43	46	62	59	61	---	---	---
6	66	65	65	53	48	51	65	61	63	---	---	---
7	67	64	65	57	54	56	65	60	62	61	48	53
8	68	65	66	59	56	58	65	61	62	54	49	51
9	70	67	68	60	58	59	60	54	58	59	54	57
10	68	66	67	62	57	60	58	50	52	66	59	63
11	70	68	69	61	58	60	56	51	54	73	62	69
12	72	69	70	64	60	62	60	56	59	---	---	---
13	72	67	69	62	60	61	65	60	63	---	---	---
14	72	68	69	62	60	61	67	62	65	---	---	---
15	72	67	69	63	60	62	69	64	66	---	---	---
16	68	64	66	65	60	63	66	61	64	---	---	---
17	69	64	67	67	64	65	64	60	62	---	---	---
18	72	69	70	69	65	67	67	62	65	---	---	---
19	72	68	70	67	63	65	65	63	64	---	---	---
20	69	66	67	64	61	63	65	60	62	---	---	---
21	68	65	66	65	60	63	65	60	62	---	---	---
22	67	61	65	68	64	66	65	55	61	---	---	---
23	61	54	58	69	67	68	58	55	57	56	51	54
24	58	56	57	72	69	70	65	58	61	59	56	57
25	61	58	60	72	69	70	72	61	68	61	56	59
26	61	59	60	75	69	71	73	67	70	62	58	60
27	64	61	62	72	66	68	70	50	65	63	59	61
28	65	62	64	72	66	68	66	41	55	62	59	60
29	---	---	---	72	49	64	49	42	45	60	58	58
30	---	---	---	54	41	45	53	41	47	58	48	52
31	---	---	---	42	39	41	---	---	---	55	48	51
MONTH	72	54	65	75	38	60	73	41	60	73	48	57
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	54	51	52	72	66	70	58	49	53	90	85	88
2	56	52	54	75	69	71	69	58	63	89	85	87
3	60	55	58	75	69	72	76	50	60	95	89	92
4	62	57	59	74	70	72	62	53	57	92	87	89
5	59	57	58	76	71	73	68	61	64	90	87	88
6	61	58	59	76	71	74	---	---	---	90	87	89
7	64	61	62	75	69	72	---	---	---	94	89	92
8	---	---	---	70	66	69	---	---	---	98	93	96
9	---	---	---	68	66	67	98	90	95	102	97	99
10	---	---	---	70	67	69	98	78	92	103	98	101
11	---	---	---	71	69	70	96	81	92	102	96	99
12	71	60	65	77	69	74	80	34	54	97	94	96
13	68	61	63	79	76	77	65	40	52	102	95	98
14	68	52	63	82	77	80	60	48	54	102	100	101
15	61	51	57	81	78	79	62	44	51	106	102	103
16	68	61	65	82	81	81	65	59	62	106	102	104
17	68	63	66	82	76	79	71	66	69	103	100	101
18	70	59	65	77	70	74	75	70	73	103	97	99
19	67	58	61	80	72	76	82	76	78	101	93	96
20	67	59	62	71	64	67	85	83	84	101	84	88
21	59	46	52	73	67	69	84	79	81	96	87	92
22	58	49	55	76	73	74	90	82	83	100	95	98
23	---	---	---	79	74	77	96	85	92	105	99	103
24	---	---	---	79	76	78	93	90	92	107	103	105
25	---	---	---	76	73	75	95	87	92	106	101	104
26	67	63	65	80	75	78	93	86	90	101	96	99
27	70	64	66	86	80	83	94	75	82	100	91	97
28	73	69	71	86	85	85	75	70	72	91	84	86
29	72	67	69	85	62	78	81	72	76	95	89	93
30	68	63	66	63	56	59	89	80	83	98	93	95
31	---	---	---	64	49	59	90	87	88	---	---	---
MONTH	73	46	61	86	49	74	98	34	74	107	84	96
YEAR	108	30	70									

SANTÉE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTÉE RIVER BASIN
02160775 HELLERS 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, Oct. 11, 15 - 22, Oct. 27 to Nov. 14, Dec. 23 to Jan. 10, Feb. 2 - 22, 25 - 28, Mar. 9 - 11, May 2 to June 12, June 26 - Aug. 1, Aug. 16 - 26, Sept. 6, 9 - 24, 30. Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	2.9	2.3	2.2	23	22	20	15	2.2	1.5	100	1.9
2	3.5	2.8	2.2	2.2	13	74	13	11	3.5	1.4	17	1.8
3	3.5	2.7	2.4	2.1	11	298	11	10	2.3	1.3	10	1.7
4	4.0	2.7	2.7	2.1	10	75	9.8	9.0	2.0	1.3	8.0	1.5
5	4.0	2.6	2.5	2.1	10	29	10	9.0	1.9	1.3	7.4	1.4
6	4.4	2.6	2.4	4.5	11	23	9.8	16	1.8	1.4	6.4	1.3
7	5.0	2.5	2.4	6.0	14	19	9.5	11	1.7	1.3	5.9	1.2
8	4.5	2.5	3.0	4.0	12	17	9.4	9.0	1.7	1.2	5.5	.92
9	3.5	16	2.6	3.0	11	12	9.2	7.0	1.6	1.2	12	.82
10	7.2	43	2.5	2.5	10	11	9.2	6.0	1.5	1.1	19	.76
11	3.9	9.0	2.4	50	9.5	10	9.1	5.5	1.5	1.2	125	.72
12	150	6.0	2.2	66	9.0	7.9	9.0	5.0	1.4	1.2	33	.68
13	41	5.6	2.2	38	9.0	21	9.0	4.7	1.4	1.1	23	.64
14	12	4.8	2.4	23	12	28	9.4	4.5	4.3	1.1	23	.60
15	6.0	4.5	2.3	16	10	15	10	4.1	6.4	1.2	12	.58
16	4.5	3.9	2.1	23	9.0	9.6	9.2	5.5	3.6	1.6	5.0	.57
17	3.5	3.8	1.9	11	8.5	7.9	8.8	8.0	2.7	2.5	2.0	.56
18	3.3	3.6	2.0	8.5	9.0	7.6	8.4	30	12	2.8	1.5	.55
19	3.2	3.3	2.7	9.1	9.0	6.3	32	100	6.4	1.4	1.2	.55
20	3.1	3.2	3.9	36	10	5.4	27	35	22	1.2	1.0	.54
21	3.0	3.1	7.7	16	11	4.4	17	12	16	1.1	.80	.54
22	10	3.1	4.4	9.7	12	4.0	12	8.0	8.4	1.1	.70	.52
23	112	3.1	2.7	9.8	95	3.9	10	6.0	6.4	1.1	.67	.50
24	21	3.0	4.5	12	42	3.9	9.5	5.0	5.7	1.0	.64	.80
25	25	2.9	3.5	20	15	3.7	9.1	4.0	4.6	1.0	1.2	16
26	28	2.8	3.2	16	12	3.6	9.0	3.7	3.0	1.1	4.5	4.8
27	11	2.5	3.0	13	11	3.5	9.1	4.0	2.0	1.2	4.1	3.1
28	6.0	2.6	2.8	13	10	4.3	9.6	3.3	1.8	2.7	4.0	2.5
29	4.0	2.6	2.5	13	---	126	19	3.0	1.6	1.9	3.6	2.3
30	3.3	2.4	2.4	56	---	86	37	2.7	1.5	1.4	2.9	2.2
31	3.0	---	2.3	48	---	27	---	2.4	---	1.2	2.4	---
TOTAL	500.1	156.1	88.1	537.8	428.0	969.0	384.1	359.4	132.9	43.1	443.41	52.55
MEAN	16.1	5.20	2.84	17.3	15.3	31.3	12.8	11.6	4.43	1.39	14.3	1.75
MAX	150	43	7.7	66	95	298	37	100	22	2.8	125	16
MIN	3.0	2.4	1.9	2.1	8.5	3.5	8.4	2.4	1.4	1.0	.64	.50
CFSM	1.98	.64	.35	2.13	1.87	3.83	1.57	1.42	.54	.17	1.75	.21
IN.	2.28	.71	.40	2.45	1.95	4.42	1.75	1.64	.61	.20	2.02	.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

	5.20	5.27	8.08	11.3	14.6	12.9	8.72	5.84	4.68	3.12	4.21	2.77
MEAN	5.20	5.27	8.08	11.3	14.6	12.9	8.72	5.84	4.68	3.12	4.21	2.77
MAX	16.1	22.4	20.7	25.4	25.2	31.3	20.8	13.3	17.5	11.2	14.3	8.31
(WY)	1991	1986	1984	1982	1983	1991	1982	1984	1982	1989	1991	1981
MIN	1.19	1.55	1.44	3.10	4.06	3.38	3.14	1.95	1.29	.94	1.18	1.20
(WY)	1987	1985	1989	1981	1988	1988	1985	1988	1985	1988	1988	1985

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1981 - 1991

ANNUAL TOTAL	2403.6	4094.56	7.18
ANNUAL MEAN	6.59	11.2	11.8
HIGHEST ANNUAL MEAN			2.86
LOWEST ANNUAL MEAN			298
HIGHEST DAILY MEAN	150	Oct 12	298
LOWEST DAILY MEAN	1.4	Jul 17	.50
ANNUAL SEVEN-DAY MINIMUM	1.7	Jul 12	.54
INSTANTANEOUS PEAK FLOW			640
INSTANTANEOUS PEAK STAGE			7.22
ANNUAL RUNOFF (CFSM)	.81		1.37
ANNUAL RUNOFF (INCHES)	10.96		18.67
10 PERCENT EXCEEDS	8.1		23
50 PERCENT EXCEEDS	4.2		4.3
90 PERCENT EXCEEDS	2.5		1.2

Santee River Basin

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, 5.4 units, June 22, 1991.

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, 137 microsiemens, Sept. 14; minimum, 48 microsiemens, Mar. 6.

pH: Maximum, 9.1 units, June 2, 13, July 26, 28; minimum, 5.4 units, June 22.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 5; minimum, 5.5°C, Jan. 27.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, July 24; minimum, 2.7 mg/L, Sept. 17, 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	131	106	111	104	83	101	103	94	99	96	84	93
2	136	105	113	105	83	99	103	98	99	96	81	92
3	127	108	113	106	99	104	102	98	99	96	80	93
4	118	109	112	107	101	104	101	96	98	95	76	91
5	132	106	114	108	97	103	101	95	97	95	76	91
6	120	107	112	106	101	103	101	88	96	97	76	91
7	125	107	113	104	99	102	98	90	97	94	90	93
8	132	109	115	104	101	103	98	94	97	92	90	91
9	129	109	116	103	101	102	103	93	97	93	71	87
10	133	110	116	105	99	101	100	95	97	91	77	88
11	134	110	115	102	95	100	104	95	98	91	74	87
12	125	93	112	104	80	100	101	96	97	92	79	88
13	112	64	105	104	87	102	102	97	99	90	82	88
14	113	104	112	101	79	96	102	96	98	89	72	86
15	114	54	110	101	84	97	100	94	96	89	59	82
16	113	87	111	102	86	98	103	96	97	90	69	87
17	113	62	103	101	98	100	106	95	99	89	85	87
18	112	67	102	100	97	98	103	96	99	89	78	86
19	112	73	102	103	97	99	104	96	99	88	79	85
20	109	87	105	103	98	100	104	96	98	88	79	86
21	111	96	108	101	98	100	97	96	97	88	73	85
22	111	94	106	101	98	99	101	96	98	88	77	86
23	110	86	103	102	99	100	100	96	97	88	86	87
24	106	55	100	101	97	98	98	93	95	87	68	84
25	108	65	103	103	97	98	98	90	95	87	85	86
26	104	69	102	106	98	101	97	83	94	87	85	86
27	101	65	98	102	98	100	96	95	95	87	81	86
28	101	99	100	101	98	100	96	70	91	88	83	87
29	103	63	97	100	95	98	96	83	93	88	85	87
30	104	78	97	99	93	97	96	72	93	88	84	87
31	101	100	101	---	---	---	96	76	91	88	71	86
MONTH	136	54	107	108	79	100	106	70	97	97	59	88

SANTÉE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	87	63	83	87	80	86	86	62	82	88	65	79
2	89	69	82	87	83	86	87	74	84	94	64	79
3	87	84	86	87	76	85	87	76	85	90	69	82
4	87	84	86	85	83	84	88	81	86	96	75	86
5	88	85	87	88	83	85	89	69	85	95	86	89
6	88	85	87	86	48	77	90	73	85	91	85	87
7	89	84	87	87	61	82	90	80	86	95	86	88
8	88	85	87	87	65	81	87	79	85	99	87	90
9	88	83	85	86	68	81	88	79	85	89	83	88
10	90	84	86	86	74	82	89	79	86	91	81	85
11	87	84	85	85	74	83	90	68	83	101	78	91
12	88	85	87	85	72	83	87	74	84	104	88	95
13	89	87	88	85	84	84	88	79	85	95	80	88
14	87	87	87	85	84	84	90	83	87	99	83	89
15	87	85	87	85	73	83	90	85	87	94	79	87
16	88	84	87	84	81	82	89	84	87	94	80	87
17	87	87	87	85	77	83	99	76	85	97	77	88
18	87	87	87	85	83	84	93	74	85	94	77	88
19	97	86	89	85	81	83	88	79	85	87	77	84
20	96	87	89	87	83	85	97	86	90	84	67	80
21	90	87	88	86	81	84	87	81	86	82	72	80
22	88	86	87	85	81	84	96	66	85	94	81	83
23	87	86	86	85	84	85	97	61	84	98	79	83
24	87	85	86	87	84	85	103	68	90	93	79	87
25	87	85	86	91	85	86	89	70	83	85	71	80
26	87	80	85	91	85	87	90	74	85	86	73	79
27	86	75	83	89	85	87	94	80	87	97	64	76
28	86	77	84	86	84	86	103	84	94	114	70	85
29	---	---	---	90	84	87	96	69	86	88	73	80
30	---	---	---	86	85	86	93	63	81	97	70	81
31	---	---	---	88	85	86	---	---	---	96	72	82
MONTH	97	63	86	91	48	84	103	61	86	114	64	85
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	85	70	79	100	90	94	96	91	94	113	88	101
2	86	61	79	104	85	92	97	73	89	105	81	99
3	100	61	80	102	58	85	97	73	88	116	75	95
4	96	72	82	98	70	91	95	66	84	107	70	94
5	87	69	78	97	58	83	94	83	89	104	73	94
6	81	65	73	93	73	86	114	91	102	115	67	99
7	86	62	75	91	58	79	105	63	91	110	89	103
8	86	54	74	90	58	80	96	76	90	103	71	90
9	90	57	75	90	59	81	---	---	---	111	68	91
10	104	54	82	91	57	81	---	---	---	103	78	94
11	102	61	81	90	61	82	---	---	---	110	69	98
12	88	57	72	90	71	84	---	---	---	116	70	101
13	89	55	75	88	61	77	---	---	---	117	80	102
14	100	77	86	88	60	77	---	---	---	137	75	105
15	101	78	88	92	74	83	---	---	---	131	71	98
16	101	64	86	98	84	89	---	---	---	110	78	99
17	90	56	82	95	70	86	93	62	80	121	83	102
18	93	64	84	104	66	84	90	66	79	122	86	103
19	93	74	86	103	78	91	91	63	81	114	75	99
20	96	76	85	108	65	87	106	63	93	118	99	106
21	105	75	90	104	65	87	101	61	89	107	102	104
22	100	60	86	102	70	91	105	65	97	126	103	105
23	93	83	88	99	88	92	107	85	98	123	84	104
24	90	85	88	100	83	92	107	78	90	108	85	98
25	91	63	80	101	66	88	108	84	92	107	78	95
26	86	62	80	101	73	91	123	98	104	119	84	100
27	87	81	84	101	67	86	126	102	110	113	99	104
28	90	74	85	115	74	95	116	81	103	104	98	102
29	93	80	87	108	92	98	127	68	100	108	78	100
30	98	65	85	99	77	92	123	73	100	116	87	102
31	---	---	---	99	70	90	117	73	99	---	---	---
MONTH	105	54	82	115	57	87	127	61	93	137	67	100
YEAR	137	48	91									

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.5	23.5	25.5	22.5	15.0	21.0	17.0	13.5	15.5	13.0	11.0	12.5
2	26.5	23.0	25.5	21.5	14.0	19.5	18.5	14.5	16.5	13.0	10.0	12.0
3	26.0	23.5	25.5	22.5	18.5	21.0	16.0	13.0	15.5	12.5	10.0	12.0
4	25.5	25.5	25.5	21.5	19.5	21.0	16.0	13.0	15.0	12.5	9.5	12.0
5	26.5	23.5	25.5	21.0	16.5	20.5	16.5	13.0	15.0	13.0	9.5	12.0
6	26.5	25.0	25.5	22.0	16.5	20.0	15.5	11.5	14.5	12.5	9.0	12.0
7	27.5	24.5	26.0	21.5	16.0	20.0	15.5	11.5	14.5	12.5	12.0	12.5
8	26.5	24.0	25.5	21.0	16.0	19.5	15.5	12.5	15.0	12.0	11.5	12.0
9	27.0	24.0	25.5	20.0	16.0	19.5	15.0	8.5	14.0	12.0	9.5	11.0
10	26.0	24.0	25.5	19.0	12.5	18.0	15.5	9.5	14.0	12.0	9.5	11.5
11	25.5	23.0	25.0	19.0	17.0	19.0	14.5	10.0	13.5	12.0	8.5	11.0
12	25.5	22.0	25.0	18.5	13.0	17.5	15.0	10.5	13.5	11.5	10.0	11.0
13	25.5	20.5	24.5	19.5	14.5	18.5	14.5	9.5	13.0	12.0	10.5	11.0
14	25.0	24.5	25.0	19.5	12.0	17.0	15.5	10.0	14.0	11.0	9.5	11.0
15	26.0	21.0	25.0	19.0	13.0	17.0	15.0	10.0	13.5	11.0	8.0	10.5
16	25.5	22.5	25.0	18.0	12.0	16.5	14.5	11.5	14.0	11.0	8.5	11.0
17	25.0	20.0	24.0	18.0	17.5	18.0	15.0	11.0	13.5	11.0	10.5	11.0
18	24.5	20.0	23.5	19.5	15.5	18.0	14.5	12.0	13.5	11.5	10.0	11.0
19	25.0	20.0	23.5	17.5	12.0	16.0	15.5	12.5	14.0	11.0	10.0	11.0
20	24.5	20.0	24.0	19.0	13.0	17.0	15.0	13.5	14.5	11.0	10.0	11.0
21	24.5	21.5	24.0	19.0	17.0	18.0	14.5	14.0	14.5	11.0	9.0	10.5
22	23.5	19.0	22.5	17.5	16.0	17.0	14.5	12.0	13.5	11.5	9.0	10.5
23	23.5	18.0	22.5	17.0	15.0	16.5	13.5	12.5	13.0	10.5	10.5	10.5
24	24.0	18.0	23.0	17.0	15.0	16.5	13.5	13.0	13.5	10.5	6.0	9.5
25	23.5	20.0	23.0	17.0	12.5	16.0	14.0	12.0	13.0	11.0	9.5	10.5
26	23.0	17.5	22.5	17.0	14.0	16.0	13.5	10.5	13.0	11.0	10.5	10.5
27	22.5	15.5	21.5	17.0	14.0	16.5	13.5	13.0	13.0	10.5	5.5	10.0
28	22.0	21.5	22.0	17.0	15.5	16.5	13.0	8.0	12.0	11.5	6.5	9.5
29	22.5	13.5	20.5	17.5	15.0	16.5	13.5	10.0	12.5	11.0	7.5	10.0
30	22.5	14.5	20.0	18.0	14.0	16.5	12.5	7.5	12.0	10.5	8.0	10.0
31	22.5	21.0	21.0	---	---	---	13.5	9.0	12.0	11.0	9.5	10.5
MONTH	27.5	13.5	24.0	22.5	12.0	18.0	18.5	7.5	14.0	13.0	5.5	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	10.0	11.0	12.5	10.0	11.5	16.5	14.5	15.5	21.0	16.5	19.0
2	13.0	8.0	10.5	11.5	11.0	11.0	21.0	15.0	16.5	23.5	18.5	21.0
3	13.5	10.5	11.5	13.0	11.0	12.0	21.0	16.0	18.5	22.0	18.0	20.0
4	11.5	10.5	11.0	12.5	11.0	12.0	19.0	15.0	17.5	22.5	19.5	21.0
5	11.5	8.5	10.5	12.0	11.5	12.0	18.0	14.5	17.0	23.0	19.5	21.0
6	12.0	9.5	11.0	12.0	11.0	11.5	19.0	15.0	17.5	21.0	18.5	20.0
7	12.5	10.0	11.5	13.5	11.5	12.5	18.5	15.5	17.5	24.5	19.0	22.0
8	13.0	11.5	12.5	14.0	12.5	13.5	18.0	15.5	17.0	24.0	22.0	23.0
9	12.5	11.0	12.0	16.5	11.5	13.0	19.5	15.5	17.5	23.0	20.0	22.0
10	13.0	10.5	12.0	12.5	11.0	12.0	21.0	16.5	19.5	23.0	18.0	21.0
11	12.5	10.5	12.0	13.0	10.5	12.0	22.5	17.0	20.0	23.5	20.0	21.5
12	13.5	10.0	11.5	13.5	10.0	12.5	20.5	17.0	19.5	23.5	20.0	21.5
13	11.0	10.0	10.5	13.0	12.0	12.5	20.5	17.0	19.0	23.0	19.0	21.0
14	10.5	10.0	10.5	13.0	12.0	12.5	21.5	16.5	19.0	24.0	19.0	22.0
15	10.5	10.0	10.0	13.5	11.0	13.0	18.5	15.0	16.5	25.5	19.0	22.0
16	11.0	8.0	10.0	13.5	12.5	13.0	21.0	16.0	19.0	26.0	20.0	22.5
17	10.5	10.0	10.0	13.0	11.5	12.5	21.0	16.0	19.0	25.0	20.0	22.5
18	11.0	10.0	10.0	12.5	11.5	12.0	21.0	16.5	19.5	27.5	21.0	23.5
19	10.5	6.5	9.5	13.5	12.0	13.0	20.5	19.0	19.5	25.5	23.0	24.5
20	11.0	8.5	10.0	15.5	12.0	13.5	20.0	19.5	20.0	23.5	21.0	22.5
21	14.5	10.5	12.0	14.0	12.0	13.0	19.5	19.0	19.5	23.5	20.5	23.0
22	14.0	11.0	12.5	14.5	12.0	13.0	19.0	16.5	18.5	24.5	22.0	23.5
23	14.0	11.5	13.0	14.0	12.5	13.0	18.5	16.0	18.0	25.5	21.5	23.5
24	13.5	12.5	13.0	14.5	12.5	13.5	19.0	17.0	18.0	25.5	20.5	23.5
25	12.5	11.0	12.0	17.0	13.5	14.5	20.0	17.0	18.5	25.0	21.5	23.5
26	12.5	11.0	11.5	16.0	14.0	15.0	20.5	17.0	18.5	26.0	21.5	24.0
27	11.5	10.0	11.0	15.0	13.5	14.5	19.5	17.5	18.5	25.0	22.0	24.0
28	11.5	10.0	11.0	16.0	14.0	15.0	20.5	17.5	19.0	26.5	21.0	23.5
29	---	---	---	16.5	14.0	15.5	21.5	17.0	19.0	27.5	22.0	24.0
30	---	---	---	17.0	14.5	16.0	23.0	17.5	19.5	28.5	21.5	24.0
31	---	---	---	17.5	16.0	16.5	---	---	---	27.5	22.5	24.5
MONTH	14.5	6.5	11.0	17.5	10.0	13.0	23.0	14.5	18.5	28.5	16.5	22.5

SANTEE RIVER BASIN

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	9.6	7.3	7.6	10.1	8.8	9.2	10.4	9.4	9.5
2	---	---	---	9.7	7.5	8.2	9.2	8.6	8.9	10.6	9.4	9.7
3	---	---	---	8.3	7.3	7.7	10.0	8.0	8.6	10.5	9.4	9.6
4	---	---	---	8.8	7.5	8.0	10.3	8.1	8.9	10.8	9.5	9.7
5	---	---	---	9.2	7.2	7.8	9.8	8.6	9.0	10.9	9.5	9.7
6	---	---	---	9.1	7.6	8.3	10.0	8.5	8.9	11.1	9.4	9.8
7	---	---	---	9.2	8.0	8.4	10.2	8.6	8.9	9.8	9.5	9.7
8	---	---	---	9.1	8.3	8.5	9.7	8.8	9.0	10.0	9.7	9.8
9	---	---	---	9.2	8.1	8.3	11.4	8.7	9.2	10.9	9.7	10.0
10	---	---	---	10.0	8.0	8.6	11.0	8.6	9.1	10.9	9.7	9.9
11	---	---	---	8.5	8.0	8.1	10.4	8.7	9.1	11.2	9.7	10.0
12	8.1	7.0	7.2	9.7	7.9	8.3	10.4	8.5	9.0	10.3	9.7	9.8
13	7.3	6.9	7.0	9.6	7.9	8.4	11.0	8.5	9.2	10.1	9.7	9.9
14	7.0	6.5	6.7	10.1	7.9	8.5	11.0	8.8	9.2	10.6	9.7	9.9
15	7.1	6.1	6.6	9.7	8.0	8.4	10.8	8.9	9.4	11.1	9.7	10.0
16	7.8	6.5	7.2	10.3	7.8	8.4	10.2	8.7	9.0	11.0	9.5	9.8
17	7.9	7.1	7.4	8.4	7.9	8.1	10.4	8.7	9.3	9.9	9.6	9.7
18	8.2	6.0	6.9	9.1	8.3	8.4	9.7	8.8	9.0	10.2	9.7	9.9
19	8.1	7.0	7.5	10.3	8.1	8.7	9.7	8.8	9.2	10.1	9.6	9.8
20	8.7	7.6	8.0	9.7	8.2	8.7	9.6	9.1	9.2	10.2	9.6	9.8
21	9.5	7.6	8.3	10.0	8.3	8.8	9.3	9.2	9.2	10.5	9.7	9.9
22	8.8	6.7	7.4	9.1	8.2	8.5	10.1	9.0	9.3	10.7	9.9	10.1
23	9.0	7.1	7.7	9.5	8.1	8.5	10.0	8.8	9.3	10.0	9.8	9.9
24	8.9	7.3	7.8	8.9	8.3	8.6	9.8	8.9	9.3	11.9	9.8	10.2
25	8.4	7.8	8.1	10.1	8.1	8.6	9.8	9.2	9.4	10.2	9.9	10.0
26	9.0	7.5	7.7	9.6	8.5	8.8	10.4	9.2	9.5	10.0	9.9	9.9
27	9.6	7.5	7.8	9.7	8.7	9.0	9.5	9.3	9.4	12.1	9.8	10.0
28	7.5	7.2	7.3	9.2	8.4	8.7	11.3	9.3	9.7	12.1	9.8	10.3
29	9.8	7.0	7.9	9.5	8.6	9.1	10.4	9.3	9.5	11.9	9.9	10.2
30	9.7	7.4	8.0	10.1	9.0	9.2	11.5	9.0	9.4	11.4	9.9	10.1
31	8.1	7.4	7.6	---	---	---	11.3	8.9	9.6	10.7	10.0	10.2
MONTH	9.8	6.0	7.5	10.3	7.2	8.4	11.5	8.0	9.2	12.1	9.4	9.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.6	10.2	10.3	11.5	10.3	10.7	9.9	9.4	9.6	9.9	8.0	8.6
2	11.0	10.2	10.5	11.2	10.3	10.5	10.2	9.5	9.7	9.7	8.0	8.8
3	10.5	10.1	10.2	10.6	10.3	10.4	10.4	9.5	9.9	9.3	7.7	8.4
4	10.5	10.2	10.3	10.5	10.2	10.4	10.3	9.1	9.7	9.2	7.7	8.5
5	11.7	10.1	10.7	10.5	10.3	10.4	9.7	9.0	9.4	8.5	7.1	7.9
6	11.3	10.2	10.6	10.5	10.0	10.3	10.1	9.1	9.5	8.1	6.5	7.4
7	10.8	10.2	10.5	10.8	10.1	10.5	9.7	8.9	9.3	9.4	7.5	8.6
8	10.8	10.4	10.6	10.7	10.2	10.4	9.3	8.4	8.9	9.9	7.9	9.2
9	11.5	10.3	10.5	11.0	10.2	10.5	9.4	8.4	8.9	9.6	8.3	9.2
10	10.8	10.2	10.5	11.2	10.4	10.6	9.5	8.5	9.0	10.1	7.9	8.6
11	10.9	10.3	10.7	11.1	10.4	10.6	9.6	8.1	9.0	9.7	7.6	8.6
12	10.9	10.2	10.6	11.4	10.4	10.7	9.4	8.3	8.9	10.0	7.6	8.4
13	10.9	10.0	10.2	10.6	10.2	10.4	9.2	8.4	8.9	9.7	7.8	8.4
14	10.0	9.7	9.9	10.6	10.1	10.3	9.6	8.6	9.0	10.8	7.8	8.7
15	10.6	10.0	10.2	10.8	10.3	10.5	9.0	8.4	8.8	9.9	7.2	8.2
16	10.9	10.3	10.5	10.5	10.2	10.4	9.9	8.7	9.2	10.9	7.3	8.1
17	10.3	10.1	10.2	10.9	10.3	10.5	9.7	8.7	9.1	9.6	6.6	7.8
18	10.5	10.2	10.3	10.5	9.8	10.2	10.1	8.6	9.2	9.9	6.8	8.3
19	12.5	10.2	10.7	10.5	10.1	10.3	9.5	8.4	9.0	9.6	6.8	7.8
20	11.9	10.2	10.5	10.6	10.1	10.4	9.0	8.2	8.7	8.0	7.2	7.7
21	11.3	10.5	10.6	10.4	9.8	10.1	9.3	8.8	9.1	8.5	7.6	7.9
22	11.0	10.4	10.7	10.3	9.8	10.0	9.4	8.6	8.9	9.0	4.7	7.6
23	10.6	10.4	10.5	10.1	9.7	9.9	9.9	8.4	9.0	9.2	4.9	7.9
24	10.7	10.3	10.5	10.2	9.5	9.9	9.5	8.1	8.7	9.1	6.7	7.7
25	10.3	10.1	10.2	10.5	9.4	10.0	9.9	9.1	9.5	11.0	6.9	8.6
26	10.8	10.0	10.4	10.3	9.4	9.9	10.4	9.1	9.8	11.0	7.3	9.1
27	10.8	10.2	10.5	9.9	9.4	9.7	9.8	8.6	9.3	10.1	6.8	8.4
28	11.7	10.3	10.6	10.2	9.6	9.9	11.1	8.6	9.6	10.0	5.6	7.5
29	---	---	---	9.8	8.9	9.4	10.6	8.7	9.5	9.8	6.7	8.1
30	---	---	---	10.0	9.5	9.8	10.3	8.4	9.1	9.6	6.4	7.4
31	---	---	---	9.9	9.3	9.6	---	---	---	9.2	5.8	7.3
MONTH	12.5	9.7	10.4	11.5	8.9	10.2	11.1	8.1	9.2	11.0	4.7	8.2

SANTEE 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, 266.51 ft, May 17; minimum, 255.61 ft, Aug. 21.

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 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	263.91	262.09	259.46	264.78	262.34	260.80	259.41	261.40	265.03	259.41	261.56	262.60
2	263.66	259.93	259.76	264.50	261.21	261.35	261.12	260.22	262.66	261.57	262.13	259.80
3	261.04	259.83	260.42	263.96	260.06	261.58	261.31	261.46	262.52	264.16	263.71	263.17
4	263.84	259.91	263.25	264.04	260.65	261.51	260.86	261.41	262.08	261.78	263.15	263.96
5	261.78	262.23	264.16	263.74	258.88	260.22	260.90	260.98	261.40	265.28	261.33	262.52
6	263.41	260.44	262.14	263.21	260.26	261.38	261.14	261.91	262.60	265.11	264.41	263.98
7	263.24	262.55	261.76	265.46	261.96	261.24	260.41	262.05	260.47	263.42	263.19	261.32
8	264.49	265.07	260.72	265.74	264.64	261.95	261.10	261.63	263.35	261.89	263.51	260.30
9	261.28	264.44	260.06	263.39	264.24	261.31	261.42	262.13	261.53	263.11	262.71	260.71
10	262.73	263.35	260.84	261.45	262.50	260.90	260.68	262.49	261.68	263.16	262.71	260.30
11	258.40	262.49	261.28	261.73	261.30	261.14	260.30	259.96	263.20	263.01	262.31	263.14
12	263.08	261.44	261.04	260.76	259.66	260.65	260.89	259.02	263.00	262.69	262.85	263.13
13	262.67	263.01	260.75	259.18	257.54	259.05	260.13	261.28	263.84	262.49	262.82	261.95
14	263.76	262.60	262.59	260.68	258.31	260.60	260.07	263.35	262.20	262.85	262.10	262.40
15	260.65	261.40	264.97	260.76	261.51	260.78	260.48	265.07	263.75	262.08	262.02	260.60
16	262.19	259.39	264.10	261.34	259.81	262.01	260.59	263.27	262.84	262.59	262.20	262.19
17	261.63	261.52	262.77	261.17	260.30	259.75	262.33	265.99	262.90	261.80	263.05	263.40
18	262.10	262.44	262.07	260.81	260.74	259.81	261.37	263.92	262.17	261.42	260.63	261.59
19	262.25	260.64	261.47	260.76	260.55	262.86	261.27	261.02	261.97	262.80	260.48	262.13
20	262.63	260.49	262.42	260.87	260.24	261.01	261.58	261.01	261.55	261.82	260.54	260.33
21	261.08	260.44	265.28	259.89	260.11	261.04	260.95	260.61	262.76	261.64	262.63	260.31
22	262.05	261.31	264.26	259.59	260.84	260.15	260.66	260.22	263.91	264.22	261.84	259.79
23	260.86	261.55	262.26	259.44	263.15	260.36	260.48	262.15	262.52	261.62	261.01	262.33
24	260.57	262.39	260.85	259.48	262.60	261.18	261.03	262.71	261.87	260.75	262.44	264.22
25	259.55	261.85	261.99	260.60	261.94	260.44	262.06	262.86	262.60	261.43	261.78	261.36
26	259.75	261.35	263.63	260.66	261.50	258.50	261.66	263.47	262.96	261.79	258.03	260.56
27	259.73	261.81	265.33	260.71	262.21	258.14	261.44	261.25	261.97	262.30	260.08	259.85
28	260.50	262.00	265.62	260.61	261.81	259.31	259.28	262.66	261.12	262.93	261.57	260.75
29	261.90	259.22	264.25	260.55	---	258.41	260.83	263.23	261.90	261.45	263.33	260.17
30	261.32	261.68	264.97	260.96	---	260.50	261.63	264.62	260.31	262.00	263.97	262.17
31	262.81	---	265.09	261.29	---	260.60	---	265.23	---	262.91	263.50	---
MAX	264.49	265.07	265.62	265.74	264.64	262.86	262.33	265.99	265.03	265.28	264.41	264.22
MIN	258.40	259.22	259.46	259.18	257.54	258.14	259.28	259.02	260.31	259.41	258.03	259.79
[+]	6.27	4.98	9.13	4.59	5.11	3.90	4.93	9.32	3.61	6.39	7.10	5.50
[*]	142	-66.5	207	-227	28.7	-60.4	53.1	219	-294	139	35.4	-82.5

CAL YR 1990 * 10.6 MAX 265.97 MIN 258.40

WTR YR 1991 * -82.5 MAX 265.99 MIN 257.54

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

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

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

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

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

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, 242.98 ft, Oct. 14, 1990; minimum, 219.36 ft, Oct. 13, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 242.98 ft, Oct. 14; minimum, 219.57 ft, July 11.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	221.53	220.74	221.25	224.47	223.12	223.39	222.48	222.37	222.43	223.25	223.09	223.19
2	221.54	220.78	221.44	223.32	221.83	222.98	222.50	222.38	222.45	223.29	221.70	223.11
3	220.85	220.74	220.77	223.12	222.10	222.89	223.18	222.36	222.73	225.35	223.16	223.26
4	220.82	220.72	220.76	222.95	222.79	222.87	223.24	220.87	222.62	223.27	220.87	222.74
5	220.80	220.71	220.77	222.96	221.86	222.79	223.21	220.93	222.66	223.29	223.16	223.22
6	221.93	220.75	220.94	222.26	222.09	222.18	223.29	223.01	223.21	223.28	223.15	223.23
7	222.01	221.89	221.95	222.25	222.07	222.14	223.24	221.86	223.14	223.65	221.19	223.22
8	223.21	220.88	222.49	222.15	221.94	222.06	223.35	223.06	223.19	225.02	223.16	223.80
9	222.66	220.86	221.82	223.24	221.93	222.63	223.35	221.52	222.92	224.97	222.89	223.75
10	223.46	221.03	222.25	226.43	222.81	224.52	223.32	221.44	222.42	225.34	223.21	224.07
11	223.29	220.88	222.56	227.10	224.59	226.03	222.60	222.28	222.51	226.62	222.89	224.09
12	226.79	222.32	223.46	224.86	223.26	223.90	222.58	221.63	222.49	229.94	225.32	227.82
13	237.83	226.32	232.31	226.28	223.24	224.04	222.54	221.52	222.03	229.39	226.82	228.54
14	242.98	237.92	241.50	223.29	219.98	223.11	222.94	221.46	222.59	227.71	223.17	225.70
15	242.50	231.17	237.85	223.20	223.05	223.14	222.94	221.58	222.43	224.75	222.51	223.75
16	230.89	223.17	227.57	223.16	220.41	222.90	221.69	221.49	221.61	225.25	222.90	223.91
17	224.12	221.02	223.22	222.18	221.82	222.02	223.31	221.57	222.62	226.52	224.43	225.50
18	223.99	222.12	223.25	223.16	221.98	222.34	223.29	222.03	222.80	226.72	223.92	225.00
19	223.17	222.04	222.92	223.17	221.57	223.02	222.15	221.42	222.03	224.23	223.46	223.71
20	223.20	223.02	223.11	222.54	222.28	222.42	223.27	221.99	222.70	224.31	223.11	223.71
21	223.72	223.01	223.23	222.56	221.84	222.48	224.23	223.14	223.22	225.00	222.30	223.76
22	226.33	222.96	223.99	222.53	222.40	222.48	223.27	223.05	223.19	223.63	223.20	223.43
23	232.54	222.06	228.67	222.52	222.36	222.45	223.32	222.99	223.15	223.95	220.95	223.45
24	233.70	231.69	232.76	222.52	222.36	222.41	223.39	223.10	223.28	223.53	223.10	223.23
25	231.64	227.29	228.84	222.47	222.33	222.41	223.31	220.94	222.27	225.64	220.61	223.62
26	232.18	227.52	229.53	222.66	221.46	222.17	223.31	220.78	223.02	223.97	222.90	223.44
27	228.65	224.17	226.20	222.57	221.00	222.33	226.30	220.77	222.84	223.90	223.10	223.35
28	224.87	223.02	224.04	223.23	221.48	222.33	223.84	222.63	223.12	223.21	222.71	223.08
29	225.94	223.01	223.37	223.21	221.50	222.96	223.22	223.05	223.13	223.37	223.00	223.22
30	223.26	220.63	223.05	222.53	221.18	222.39	223.22	223.11	223.16	223.74	222.36	223.33
31	223.40	222.10	223.17	---	---	---	223.27	223.11	223.19	224.86	223.30	224.06
MONTH	242.98	220.63	225.13	227.10	219.98	222.86	226.30	220.77	222.75	229.94	220.61	223.98

SANTÉE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE. SC--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	225.15	222.85	223.86	223.34	219.94	223.16	---	---	---	231.30	223.40	227.01
2	223.86	223.00	223.35	224.54	223.20	223.68	---	---	---	227.96	221.65	224.49
3	223.84	223.30	223.50	231.51	223.70	227.16	---	---	---	225.12	220.60	223.52
4	223.55	223.20	223.30	231.93	230.65	231.34	---	---	---	223.42	222.80	223.52
5	223.32	220.22	223.16	231.83	226.60	229.67	---	---	---	223.74	222.80	223.19
6	223.32	222.10	222.55	226.30	222.61	223.95	---	---	---	223.95	223.30	223.53
7	222.31	219.92	222.16	224.32	223.35	224.00	---	---	---	226.02	223.60	223.96
8	223.52	222.00	222.62	226.93	222.36	224.28	---	---	---	224.26	222.24	223.69
9	223.43	223.10	223.24	225.15	223.10	223.86	226.07	222.90	223.96	224.57	223.31	223.72
10	223.42	223.10	223.26	224.23	223.01	223.36	225.54	223.95	224.72	226.17	222.22	223.82
11	223.27	220.12	223.17	224.73	221.56	223.70	224.52	222.16	223.66	223.42	222.00	222.78
12	223.37	222.93	223.25	223.72	223.10	223.25	224.55	222.33	223.45	223.36	223.20	223.27
13	223.35	222.90	223.21	224.11	223.30	223.58	224.10	223.20	223.40	223.57	221.86	223.26
14	223.27	221.12	222.98	223.75	220.67	223.32	223.67	223.20	223.34	225.33	222.03	223.31
15	223.25	219.94	222.26	224.90	223.20	223.74	224.51	221.01	223.12	223.50	219.61	222.36
16	223.30	223.10	223.22	224.11	223.20	223.49	225.42	223.21	224.20	223.31	221.30	223.07
17	223.33	222.50	222.99	223.40	222.80	223.27	225.80	222.00	223.87	224.09	222.87	223.35
18	222.97	221.50	222.59	223.34	222.23	223.16	224.43	222.34	223.41	226.85	223.09	224.66
19	223.35	222.90	223.05	223.32	222.40	223.17	224.07	222.10	223.46	228.96	223.16	225.36
20	223.37	220.02	223.07	223.31	223.10	223.23	227.97	223.80	225.25	227.89	224.32	226.01
21	223.37	223.20	223.29	223.37	223.20	223.29	227.72	225.80	226.87	226.69	224.20	225.79
22	223.43	221.20	223.27	223.37	221.14	223.15	227.50	224.20	225.03	225.79	224.81	225.17
23	223.40	223.20	223.30	---	---	---	225.04	222.83	224.07	224.83	221.84	223.83
24	225.12	223.20	224.09	---	---	---	224.45	223.51	223.86	223.35	221.04	223.23
25	224.80	223.30	223.53	---	---	---	223.63	223.20	223.35	223.58	223.18	223.38
26	223.46	223.00	223.35	---	---	---	223.72	222.12	223.35	224.65	223.19	223.51
27	223.42	223.00	223.30	---	---	---	223.45	223.21	223.35	224.45	223.19	223.53
28	223.36	221.74	223.24	---	---	---	225.57	223.34	224.54	224.82	222.62	223.34
29	---	---	---	---	---	---	227.74	221.82	225.08	223.33	220.09	223.33
30	---	---	---	---	---	---	230.20	223.30	226.41	223.36	221.56	222.77
31	---	---	---	---	---	---	---	---	---	226.58	222.28	223.82
MONTH	225.15	219.92	223.15	231.93	219.94	224.31	230.20	221.01	224.17	231.30	219.61	223.81
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	223.57	223.09	223.20	222.67	220.95	222.02	225.32	224.37	224.94	223.28	223.09	223.19
2	223.77	223.19	223.39	222.60	221.02	221.52	224.28	221.69	223.24	223.32	221.06	223.12
3	224.56	221.91	223.56	222.59	219.60	221.49	223.24	222.34	222.69	221.96	220.74	221.40
4	223.64	223.11	223.34	222.60	222.33	222.52	224.56	222.34	222.92	222.40	220.72	221.27
5	223.33	222.40	222.70	222.69	220.68	222.47	222.71	221.01	222.29	222.47	222.30	222.39
6	223.40	222.10	223.04	222.56	222.40	222.49	222.58	220.94	221.91	223.30	220.71	222.53
7	223.32	221.51	222.67	222.60	222.38	222.48	224.22	220.88	222.39	222.39	220.72	221.57
8	222.56	221.54	222.15	222.64	222.46	222.54	222.60	220.83	221.73	222.41	222.33	222.38
9	222.50	222.33	222.42	222.57	220.81	221.74	222.53	220.84	222.02	222.53	221.36	221.72
10	222.58	222.42	222.49	222.63	220.79	222.00	222.56	222.29	222.46	222.54	221.39	222.07
11	222.69	222.44	222.58	222.69	219.57	221.98	222.56	222.33	222.47	222.12	220.84	221.59
12	222.67	222.46	222.58	222.60	220.93	221.91	222.78	222.38	222.54	221.51	220.80	221.19
13	222.60	222.44	222.52	222.32	222.12	222.21	228.07	222.55	225.21	222.49	221.98	221.98
14	222.61	222.44	222.54	222.32	220.96	222.13	226.28	224.22	225.52	222.84	221.85	222.35
15	223.57	222.49	222.82	222.14	220.80	221.57	227.59	223.51	225.63	222.03	221.42	221.58
16	222.70	222.42	222.55	222.22	222.01	222.12	226.83	223.68	225.21	221.55	220.75	221.40
17	224.26	222.06	222.93	222.52	221.64	222.29	224.03	223.11	223.48	222.01	220.71	221.44
18	224.67	222.46	223.14	222.52	219.61	221.85	223.83	222.93	223.32	222.88	221.86	222.31
19	222.67	221.56	222.52	222.57	222.14	222.47	223.43	220.04	222.77	222.02	220.86	221.96
20	222.92	222.41	222.62	223.07	222.41	222.57	223.10	221.63	222.81	220.80	220.71	220.77
21	223.58	222.47	222.85	222.59	221.44	222.15	221.73	220.73	221.02	223.33	220.70	221.92
22	223.11	222.51	222.77	222.48	221.44	221.75	223.38	220.72	222.33	222.01	221.95	221.98
23	223.33	222.44	222.84	222.57	219.61	221.71	223.35	220.99	222.64	222.04	220.78	221.75
24	223.81	219.81	222.86	222.57	221.49	222.03	221.59	220.94	221.26	221.97	220.73	221.26
25	223.06	222.52	222.77	222.59	221.53	222.41	222.82	221.50	222.17	222.02	221.89	221.95
26	223.52	222.51	222.83	222.57	221.52	222.04	223.36	222.48	223.00	222.04	220.23	221.90
27	223.16	220.23	222.61	222.46	221.47	221.82	222.57	220.77	221.97	222.06	221.95	222.01
28	222.78	222.49	222.58	222.54	222.37	222.44	223.32	222.48	222.86	222.05	221.94	222.00
29	223.00	222.49	222.65	222.57	222.34	222.48	223.37	223.07	223.23	222.00	221.91	221.96
30	222.69	220.96	222.27	224.70	222.43	223.67	223.39	222.13	223.17	222.05	221.43	221.95
31	---	---	---	225.55	222.60	224.14	223.29	220.77	222.15	---	---	---
MONTH	224.67	219.81	222.76	225.55	219.57	222.23	228.07	220.04	222.95	223.33	220.23	221.90
YEAR	242.98	219.57	223.29									

SANTEE RIVER BASIN

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, 139 microsiemens Oct. 11; minimum, 36 microsiemens, Mar. 4.

pH: Maximum, 7.6 units, July 27; minimum 6.1 units, Oct. 16, Sept. 17, 19.

WATER TEMPERATURE: Maximum, 31.0°C, July 24 - 26; minimum, 5.0°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Jan. 25, 28; minimum, 4.5 mg/L, Aug. 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	129	117	126	79	59	68	87	85	86	83	71	79
2	123	114	118	68	57	62	89	86	88	77	72	75
3	121	114	117	71	66	68	89	87	88	83	73	79
4	124	118	120	81	73	77	90	87	88	76	71	74
5	119	117	118	83	78	81	88	83	86	76	69	73
6	120	118	119	90	83	86	86	80	83	78	70	74
7	123	118	120	92	89	92	83	75	80	78	74	75
8	133	115	122	92	90	91	82	78	81	83	79	81
9	129	115	119	92	90	90	88	82	85	80	64	74
10	136	114	122	89	65	81	92	86	88	70	61	65
11	139	112	121	64	58	61	90	86	87	80	69	73
12	138	112	127	69	62	64	90	87	88	73	57	61
13	107	66	76	84	64	73	89	87	87	56	50	52
14	93	77	84	83	71	76	88	86	87	63	49	56
15	102	93	97	82	72	78	89	86	87	63	56	59
16	---	---	---	82	76	79	88	86	87	65	58	61
17	---	---	---	80	78	79	96	87	89	64	59	60
18	---	---	---	85	80	83	97	89	92	64	55	58
19	---	---	---	88	85	86	98	93	96	62	58	61
20	90	72	81	93	86	90	96	88	93	66	60	63
21	77	72	74	93	89	91	93	87	90	66	63	65
22	87	74	79	93	91	92	90	89	89	66	65	66
23	84	41	61	91	90	91	90	86	88	70	64	66
24	45	40	43	92	90	90	88	84	86	69	65	66
25	49	41	44	91	90	91	89	82	86	77	69	70
26	54	45	48	90	89	90	87	73	80	80	73	76
27	47	43	45	90	89	89	82	71	77	76	74	75
28	56	48	52	89	87	88	78	64	75	78	75	76
29	68	57	62	88	83	86	74	63	71	80	78	79
30	75	69	73	86	82	84	74	62	66	81	79	80
31	78	74	76	---	---	---	78	69	74	80	63	71
MONTH	139	40	91	93	57	82	98	62	85	83	49	69

SANTÉE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C). WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	77	62	71	75	70	72	---	---	---	69	44	54
2	72	67	69	80	74	77	---	---	---	69	48	55
3	76	73	75	74	51	66	---	---	---	69	54	60
4	78	74	76	52	36	40	---	---	---	67	62	64
5	81	78	79	---	---	---	---	---	---	70	66	69
6	80	78	79	---	---	---	---	---	---	71	69	70
7	81	78	79	67	57	62	---	---	---	71	63	67
8	80	76	78	81	65	69	---	---	---	63	59	61
9	84	80	81	82	74	78	67	60	63	70	59	63
10	82	80	81	81	77	79	62	52	55	71	68	69
11	83	80	81	85	78	81	62	54	58	77	70	72
12	83	81	82	80	78	79	72	59	62	84	76	81
13	84	83	84	80	79	79	72	65	68	84	76	82
14	82	80	81	83	79	81	74	69	71	79	75	76
15	81	80	81	86	80	82	75	73	74	79	75	76
16	85	81	83	87	82	84	75	68	73	77	75	76
17	87	84	85	89	85	86	72	59	65	77	74	75
18	87	86	86	91	88	90	76	61	68	77	73	75
19	90	87	89	93	90	92	69	63	65	75	47	63
20	90	82	87	94	92	93	---	---	---	59	47	53
21	85	76	80	93	92	92	---	---	---	55	52	54
22	79	76	78	94	91	92	---	---	---	56	50	52
23	78	75	76	95	92	94	---	---	---	71	55	61
24	77	65	72	100	95	97	---	---	---	72	67	69
25	65	65	65	101	98	99	70	55	62	79	70	75
26	69	65	67	105	100	102	72	59	65	81	76	79
27	76	67	71	104	103	104	73	67	71	81	75	79
28	74	69	72	103	94	97	74	69	71	84	78	81
29	---	---	---	104	96	98	74	60	68	86	80	82
30	---	---	---	97	65	83	67	44	57	83	81	82
31	---	---	---	69	61	64	---	---	---	83	77	81
MONTH	90	62	78	105	36	83	76	44	66	86	44	70
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	79	77	78	92	79	84	76	58	66	88	84	86
2	79	77	78	88	80	83	69	61	66	101	85	94
3	83	75	79	85	78	81	70	60	65	104	96	98
4	83	75	79	83	77	79	74	67	71	108	84	97
5	83	78	80	83	78	79	74	67	72	115	85	99
6	84	78	81	80	78	78	79	71	75	---	---	---
7	86	78	80	79	77	78	79	73	75	---	---	---
8	89	82	86	78	76	77	82	76	78	---	---	---
9	87	82	84	81	77	78	89	76	80	102	89	92
10	93	84	87	85	76	79	87	77	81	100	85	91
11	95	78	85	84	76	78	89	78	82	93	88	90
12	87	75	79	78	76	77	87	80	82	94	88	91
13	86	78	82	80	77	78	90	49	72	98	90	93
14	87	76	81	---	---	---	57	44	50	104	88	93
15	91	75	84	---	---	---	56	46	50	103	94	98
16	80	75	77	87	79	82	62	40	50	107	93	98
17	88	74	78	---	---	---	---	---	---	108	96	101
18	90	73	76	---	---	---	---	---	---	109	93	98
19	87	74	79	---	---	---	---	---	---	104	92	98
20	82	76	78	---	---	---	80	75	77	101	95	97
21	90	76	80	---	---	---	80	76	77	112	95	104
22	83	76	78	---	---	---	83	76	79	111	105	109
23	83	77	79	95	84	87	88	78	82	120	100	113
24	82	72	78	95	85	87	87	81	85	101	94	98
25	75	71	73	99	83	88	93	83	87	103	94	96
26	76	74	75	94	84	87	110	91	99	116	104	108
27	76	75	76	90	82	84	107	92	101	113	101	106
28	81	76	77	95	88	90	108	87	94	112	106	108
29	87	78	81	101	81	88	100	85	90	112	108	110
30	90	77	80	98	85	91	92	86	87	111	99	108
31	---	---	---	96	77	87	88	84	86	---	---	---
MONTH	95	71	80	101	76	83	110	40	77	120	84	99
YEAR	139	36	80									

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

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 good. Regulation at low and median flow by powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1840	7370	3600	5760	12100	5420	36000	24100	6090	3150	13300	5810
2	2100	5190	3660	5520	8050	9430	13900	13700	8400	2200	9630	5880
3	1360	4920	4420	5970	9860	25800	10900	8950	9230	2510	6930	1820
4	1300	4870	4430	4800	6770	42100	9250	5970	7490	3920	7600	2230
5	1270	4660	4640	5810	5540	35700	8960	7140	4840	3960	4000	3680
6	1420	2980	5800	5790	3980	11200	8710	9320	5430	3970	2960	4470
7	2710	2840	5630	5900	2860	11200	10300	12400	4610	3900	6740	2430
8	4060	2740	5740	9650	4530	11300	7090	11300	3360	4000	2800	3740
9	2750	4120	5370	11000	7130	9680	10400	10700	3880	2600	3050	2570
10	3750	13300	3980	11700	7190	6620	15600	9670	4050	3070	3880	3120
11	4330	21400	3990	10900	5510	8590	10100	5040	4190	3360	3900	2290
12	8830	11900	4000	27500	5690	5950	7870	6070	4100	2720	4980	1680
13	46300	10600	3020	30600	5590	9620	7880	6200	3960	3170	18500	2900
14	106000	5440	4270	19500	5080	8220	6770	7250	4020	3110	20400	3740
15	81100	5440	4060	11500	2990	9420	8130	4150	6120	2210	20500	2230
16	26600	4990	2120	11900	5620	7290	11800	5550	4070	3030	18000	2010
17	7750	2690	4280	19400	5100	5670	9670	6700	5900	3400	8330	2070
18	7260	3350	4980	17400	3850	5360	7200	14100	6710	3180	6870	3610
19	5020	5220	2940	11100	5080	5370	8410	17600	4050	3910	4880	2840
20	5740	3630	4530	11000	5370	5460	17900	20500	5020	5060	5060	1350
21	7340	3750	6040	11100	5830	5680	25000	20000	6490	3360	1650	3140
22	11700	3780	5850	9150	5850	5370	17500	17300	6490	2470	4100	2830
23	30700	3720	5700	9780	6260	5660	12800	10700	6840	2520	4840	2590
24	47900	3660	6070	6690	12700	5560	11800	6000	7120	2990	1740	1860
25	31800	3660	3970	9960	10100	5380	6490	7110	6260	3870	3260	2820
26	34300	3350	5580	8810	7760	5430	6940	7680	6430	3050	5440	2750
27	21700	3470	5110	6910	5930	4950	6390	8630	5100	2560	3130	2910
28	11600	3570	5710	5340	5600	5020	13900	7020	4350	3840	4950	2890
29	8300	5170	5600	5750	---	7110	16400	4230	4590	4050	6010	2780
30	5320	3530	5670	7530	---	30300	20800	4750	3780	8140	5850	2820
31	6060	---	5750	13200	---	46600	---	8490	---	9910	3680	---
TOTAL	538210	165310	146510	336920	177920	366460	364860	308320	162970	113190	216960	87860
MEAN	17360	5510	4726	10870	6354	11820	12160	9946	5432	3651	6999	2929
MAX	106000	21400	6070	30600	12700	46600	36000	24100	9230	9910	20500	5880
MIN	1270	2690	2120	4800	2860	4950	6390	4150	3360	2200	1650	1350
CFSM	3.62	1.15	.99	2.27	1.33	2.47	2.54	2.08	1.13	.76	1.46	.61
IN.	4.18	1.28	1.14	2.62	1.38	2.85	2.83	2.39	1.27	.88	1.68	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)
1981	4676	17360	1698	1981	4320	12580	1805	1982	6442	14020	2431	1983	7915	14630	3040	1984
1982	4320	12580	1805	1982	6442	14020	2431	1983	7915	14630	3040	1984	9330	16960	3526	1985
1983	4320	12580	1805	1983	6442	14020	2431	1984	7915	14630	3040	1985	9330	16960	3526	1986
1984	4320	12580	1805	1984	6442	14020	2431	1985	7915	14630	3040	1986	9330	16960	3526	1987
1985	4320	12580	1805	1985	6442	14020	2431	1986	7915	14630	3040	1987	9330	16960	3526	1988
1986	4320	12580	1805	1986	6442	14020	2431	1987	7915	14630	3040	1988	9330	16960	3526	1989
1987	4320	12580	1805	1987	6442	14020	2431	1988	7915	14630	3040	1989	9330	16960	3526	1990
1988	4320	12580	1805	1988	6442	14020	2431	1989	7915	14630	3040	1990	9330	16960	3526	1991

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1981 - 1991

	ANNUAL TOTAL	ANNUAL MEAN	HIGHEST ANNUAL MEAN	LOWEST ANNUAL MEAN	HIGHEST DAILY MEAN	LOWEST DAILY MEAN	ANNUAL SEVEN-DAY MINIMUM	INSTANTANEOUS PEAK FLOW	INSTANTANEOUS PEAK STAGE	ANNUAL RUNOFF (CFSM)	ANNUAL RUNOFF (INCHES)	10 PERCENT EXCEEDS	50 PERCENT EXCEEDS	90 PERCENT EXCEEDS
1990	2629240	7203	106000	1270	1420	1270	1420	119000	26.94	1.50	20.42	12000	5090	1750
1991	2985490	8179	106000	1270	1710	1270	1710	119000	26.94	1.71	23.19	14700	5620	2810
1981-1991	5655	8501	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1981	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1982	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1983	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1984	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1985	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1986	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1987	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1988	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1989	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1990	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410
1991	8501	3100	106000	242	797	242	797	119000	26.94	1.18	16.04	11100	3860	1410

SANTEE RIVER BASIN

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, Sept. 1 - 25, 28 - 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	34	7.2	22	59	25	29	56	8.2	3.1	12	8.5
2	1.1	31	7.3	17	40	279	23	34	113	2.9	838	8.2
3	1.1	29	9.6	13	29	1810	20	26	22	2.9	130	8.1
4	1.3	29	16	15	22	584	18	22	12	2.7	30	8.0
5	2.6	31	7.5	9.7	17	78	28	21	7.9	2.8	18	7.8
6	1.4	35	6.7	8.1	17	39	33	27	6.5	4.2	171	7.7
7	1.2	32	6.5	46	35	35	22	18	5.8	3.4	152	7.5
8	1.2	32	11	51	29	28	20	13	5.8	2.6	348	7.4
9	1.2	72	7.7	36	20	25	63	12	5.4	2.5	48	7.4
10	3.2	460	6.5	23	15	22	33	12	5.2	2.4	37	7.3
11	61	117	5.8	368	12	19	23	9.9	5.1	5.9	23	7.2
12	1010	80	5.3	447	9.7	17	18	13	4.8	2.8	96	7.2
13	858	67	5.0	102	10	27	16	27	4.6	2.6	77	7.0
14	48	58	5.9	55	20	129	15	21	4.7	2.4	43	7.0
15	20	52	5.1	41	12	36	15	14	6.3	2.4	52	6.9
16	12	40	4.7	168	8.0	26	12	27	4.6	2.4	30	6.9
17	8.2	32	4.0	75	8.4	22	10	16	4.2	2.7	22	6.8
18	7.8	24	4.2	44	8.5	22	9.1	11	6.7	19	17	6.7
19	7.4	21	10	35	6.4	17	59	37	9.0	8.8	13	6.7
20	5.0	17	12	87	8.2	14	49	21	11	3.4	10	6.6
21	4.4	14	52	58	8.1	12	39	14	7.5	4.0	8.6	6.5
22	97	13	33	35	17	10	27	10	6.0	3.6	8.1	6.5
23	1270	13	25	25	231	9.6	20	8.2	6.2	2.7	7.9	6.4
24	137	10	42	35	106	7.9	16	7.1	4.6	2.5	8.0	6.3
25	108	8.5	27	85	55	6.4	13	6.4	4.0	2.5	21	18
26	209	7.5	17	52	42	6.3	11	6.3	3.6	2.4	17	14
27	92	7.0	15	33	32	6.1	19	7.3	3.6	2.3	11	7.6
28	67	25	19	25	27	8.6	36	9.9	3.4	16	8.7	7.0
29	53	19	14	19	---	191	28	6.4	3.7	36	9.0	6.5
30	44	8.4	15	226	---	444	396	6.1	4.0	185	8.2	6.4
31	38	---	29	248	---	47	---	5.9	---	20	7.9	---
TOTAL	4172.3	1418.4	436.0	2503.8	906.3	4002.9	1120.1	525.5	299.4	358.9	2282.4	232.1
MEAN	135	47.3	14.1	80.8	32.4	129	37.3	17.0	9.98	11.6	73.6	7.74
MAX	1270	460	52	447	231	1810	396	56	113	185	838	18
MIN	1.1	7.0	4.0	8.1	8.0	6.1	9.1	5.9	3.4	2.3	7.9	6.3
CFSM	5.28	1.85	.55	3.17	1.27	5.06	1.46	.66	.39	.45	2.89	.30
IN.	6.09	2.07	.64	3.65	1.32	5.84	1.63	.77	.44	.52	3.33	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

MEAN	24.7	18.0	27.8	40.6	53.8	44.3	22.0	13.6	6.05	10.9	17.0	5.57
MAX	135	67.6	107	83.6	107	129	49.6	67.7	16.2	68.4	73.6	18.4
(WY)	1991	1986	1984	1984	1990	1991	1983	1984	1989	1989	1991	1986
MIN	1.18	1.45	3.86	5.08	11.8	5.62	4.57	3.30	1.15	1.06	.90	.000
(WY)	1988	1982	1989	1981	1986	1985	1985	1988	1988	1988	1983	1983

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1981 - 1991

ANNUAL TOTAL	10975.41	18258.1	23.6
ANNUAL MEAN	30.1	50.0	50.0
HIGHEST ANNUAL MEAN			8.26
LOWEST ANNUAL MEAN			1810
HIGHEST DAILY MEAN	1290	Mar 3	Mar 3 1991
LOWEST DAILY MEAN	.77	Oct 2	Jul 5 1982
ANNUAL SEVEN-DAY MINIMUM	.85	Oct 1	Jul 5 1982
INSTANTANEOUS PEAK FLOW		Mar 3	Mar 3 1991
INSTANTANEOUS PEAK STAGE		Mar 3	Mar 3 1991
ANNUAL RUNOFF (CFSM)	1.18	9.39	9.39
ANNUAL RUNOFF (INCHES)	16.01	1.96	.92
10 PERCENT EXCEEDS	42	26.64	12.56
50 PERCENT EXCEEDS	7.4	79	41
90 PERCENT EXCEEDS	1.1	14	6.2
		3.9	1.3

* Also occurred on Oct. 3.

** No flow also observed on July 6 - 11, 1982, and many days July to Sept. 1983.

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.--December 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 fair except for estimated daily discharges, Oct. 11 - 13, Mar. 16 - 28, Mar. 31 to Apr. 8, 11 - 15, Apr. 21 to May 6, 9 - 15, June 7 - 17, June 23 to July 27, July 31 to Aug. 1, 3 - 16, 20, 21, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.2	18	20	29	89	29	84	95	28	30	33	12
2	2.1	18	19	28	60	223	82	66	66	29	382	11
3	2.4	17	19	28	50	1350	81	65	33	29	91	9.8
4	3.4	17	26	29	45	354	80	64	30	29	63	9.3
5	3.0	16	23	28	40	104	79	270	29	29	60	9.1
6	2.5	16	19	28	38	68	79	900	30	35	59	8.9
7	6.2	16	19	29	46	63	78	90	30	60	56	9.6
8	6.7	15	20	29	44	59	455	54	29	33	51	10
9	7.0	30	21	29	38	57	356	44	29	32	47	10
10	204	137	22	29	35	55	148	39	29	31	43	10
11	175	43	21	124	33	54	99	36	29	31	40	10
12	1400	33	20	180	30	53	83	34	29	31	37	11
13	300	25	20	79	29	237	70	31	29	31	34	11
14	51	21	20	56	35	147	57	29	29	31	31	11
15	28	19	20	46	33	67	47	28	29	31	29	12
16	19	18	20	77	28	57	43	81	29	31	25	12
17	15	19	21	62	25	55	36	44	30	35	21	13
18	14	22	21	47	25	55	32	32	76	50	17	13
19	17	21	22	48	25	55	34	27	35	85	16	14
20	15	20	60	131	24	54	41	28	62	45	14	14
21	12	19	125	70	24	53	44	26	45	35	13	14
22	234	19	55	51	25	52	43	26	32	33	11	14
23	2170	19	42	43	122	52	43	26	32	32	11	15
24	138	23	37	52	79	51	44	25	32	31	11	15
25	67	18	31	136	46	50	44	25	32	31	23	18
26	52	18	27	102	38	50	45	24	32	30	32	25
27	36	17	28	65	33	50	140	41	31	34	20	18
28	26	28	31	54	30	53	300	53	31	89	16	16
29	22	41	30	48	---	647	200	29	31	101	19	15
30	20	24	29	250	---	671	140	28	30	59	17	14
31	19	---	31	254	---	101	---	27	---	45	13	---
TOTAL	5071.5	767	919	2261	1169	5026	3107	2387	1038	1258	1335	384.7
MEAN	164	25.6	29.6	72.9	41.7	162	104	77.0	34.6	40.6	43.1	12.8
MAX	2170	137	125	254	122	1350	455	900	76	101	382	25
MIN	2.1	15	19	28	24	29	32	24	28	29	11	8.9
CFSM	3.35	.52	.61	1.49	.85	3.32	2.12	1.57	.71	.83	.88	.26
IN.	3.86	.58	.70	1.72	.89	3.82	2.36	1.82	.79	.96	1.02	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1991, BY WATER YEAR (WY)

	MEAN	23.3	18.8	35.8	83.4	73.0	105	64.5	30.1	32.4	28.5	21.0	15.7
MAX	164	107	162	239	200	298	185	121	183	164	73.3	75.6	
(WY)	1991	1977	1982	1978	1973	1980	1969	1978	1973	1975	1967	1987	
MIN	3.77	3.08	4.97	9.74	14.2	11.2	9.35	5.02	2.82	1.29	1.84	.71	
(WY)	1969	1975	1989	1986	1986	1985	1986	1986	1986	1986	1988	1986	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1967 - 1991

ANNUAL TOTAL	13623.9	24723.2	
ANNUAL MEAN	37.3	67.7	
HIGHEST ANNUAL MEAN			45.6
LOWEST ANNUAL MEAN			76.8
HIGHEST DAILY MEAN	2170	2170	2520
LOWEST DAILY MEAN	1.4	2.1	.07
ANNUAL SEVEN-DAY MINIMUM	2.0	3.4	.09
INSTANTANEOUS PEAK FLOW		3920	4870
INSTANTANEOUS PEAK STAGE		16.25	18.42
INSTANTANEOUS LOW FLOW		1.9	.07
ANNUAL RUNOFF (CFSM)	.76	1.39	.93
ANNUAL RUNOFF (INCHES)	10.36	18.81	12.68
10 PERCENT EXCEEDS	53	101	75
50 PERCENT EXCEEDS	18	31	15
90 PERCENT EXCEEDS	3.4	14	3.7

SANTEE RIVER BASIN

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, Oct. 15 - 29, Dec. 14 to Jan. 13, Aug. 8 to Sept. 9, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	3.1	3.7	4.4	9.6	7.6	8.1	5.8	38	3.7	38	5.0
2	1.4	3.0	3.7	4.3	7.8	64	6.7	5.2	13	60	107	4.5
3	1.3	2.8	11	4.2	6.9	179	6.0	4.6	5.2	8.7	19	3.5
4	30	2.8	3.9	4.4	6.4	22	5.2	4.6	4.5	39	11	3.3
5	2.1	2.8	3.7	4.3	6.0	11	8.3	189	3.9	9.2	9.5	3.1
6	1.4	2.8	11	4.2	6.7	8.7	5.1	33	3.7	9.7	34	2.9
7	1.3	2.6	3.9	4.1	8.6	17	4.9	10	3.3	7.5	13	2.8
8	1.5	2.6	3.7	4.2	6.3	7.5	39	7.5	3.1	7.0	12	2.8
9	1.7	44	3.7	4.1	5.5	6.9	8.0	6.8	3.1	6.7	11	2.8
10	186	7.9	3.5	10	5.3	6.7	8.6	6.2	3.1	6.8	10	2.8
11	96	3.6	3.4	27	5.0	6.4	4.9	5.6	3.1	6.7	9.4	2.8
12	109	3.0	5.3	14	4.7	6.4	4.5	100	2.8	6.2	8.7	2.8
13	11	2.8	3.5	7.0	6.8	45	60	66	2.8	6.1	8.3	2.8
14	4.2	2.6	3.5	4.5	5.9	8.1	11	15	4.2	6.0	7.8	2.8
15	3.7	2.6	3.6	8.8	4.5	7.0	6.6	9.5	3.0	28	7.5	2.8
16	3.4	2.6	3.7	14	4.2	6.7	5.7	37	2.8	15	7.0	2.8
17	3.1	2.8	3.8	4.7	4.2	6.4	4.9	16	26	44	6.5	2.8
18	2.9	2.6	4.5	4.4	4.4	8.7	4.2	17	21	27	6.2	2.8
19	2.7	2.6	10	30	4.6	6.4	6.9	9.2	58	30	5.7	5.9
20	2.5	2.4	19	25	4.5	6.1	4.2	6.7	20	11	5.3	3.8
21	11	2.3	12	7.2	4.3	6.0	9.2	6.2	6.8	7.6	4.9	3.4
22	195	2.3	8.5	6.0	11	6.0	3.9	5.8	5.6	7.1	4.5	3.4
23	70	2.3	6.2	5.4	65	5.7	3.7	5.3	16	8.1	4.1	3.4
24	20	2.3	4.6	51	6.6	5.7	3.8	4.7	6.0	7.0	7.5	18
25	6.6	2.3	4.5	12	5.4	5.7	3.4	4.5	4.9	14	13	25
26	6.0	2.4	4.4	7.9	4.7	5.7	3.4	6.5	4.8	17	8.0	5.1
27	5.0	2.4	4.3	6.8	4.2	5.5	136	8.6	5.1	142	6.0	4.7
28	4.2	48	5.0	8.2	4.0	9.7	17	4.1	4.3	28	7.5	4.7
29	3.8	5.3	5.6	20	---	211	11	35	4.0	295	9.0	4.7
30	3.6	4.0	4.9	77	---	25	10	5.6	3.9	89	7.2	5.0
31	3.4	---	4.6	18	---	10	---	11	---	18	6.0	---
TOTAL	797.6	175.6	176.7	407.1	223.1	733.6	414.2	652.0	286.0	971.1	414.6	143.0
MEAN	25.7	5.85	5.70	13.1	7.97	23.7	13.8	21.0	9.53	31.3	13.4	4.77
MAX	195	48	19	77	65	211	136	189	58	295	107	25
MIN	1.3	2.3	3.4	4.1	4.0	5.5	3.4	4.1	2.8	3.7	4.1	2.8
CFSM	4.54	1.03	1.01	2.32	1.41	4.17	2.44	3.71	1.68	5.52	2.36	.84
IN.	5.23	1.15	1.16	2.67	1.46	4.81	2.72	4.28	1.88	6.37	2.72	.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1991, BY WATER YEAR (WY)

	MEAN	7.76	7.30	8.91	11.8	11.1	14.2	9.88	7.42	8.04	11.7	9.62	6.32
MAX	25.7	16.0	25.5	27.6	23.4	29.9	23.0	21.0	17.8	31.3	24.5	12.9	12.9
(WY)	1991	1987	1977	1987	1979	1980	1989	1991	1989	1991	1986	1987	1987
MIN	1.80	2.29	2.62	2.79	3.64	3.58	1.94	3.26	2.11	3.69	1.46	1.31	1.31
(WY)	1979	1985	1989	1986	1986	1985	1986	1977	1990	1977	1983	1985	1985

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1977 - 1991

ANNUAL TOTAL	2747.73	5394.6	9.73	1991
ANNUAL MEAN	7.53	14.8	14.8	1990
HIGHEST ANNUAL MEAN			6.44	1989
LOWEST ANNUAL MEAN			322	Jul 4 1989
HIGHEST DAILY MEAN	195	Oct 22		Jul 4 1989
LOWEST DAILY MEAN	.93	Sep 3	.82	Jun 18 1986
ANNUAL SEVEN-DAY MINIMUM	1.0	Sep 1	.92	Jun 17 1986
INSTANTANEOUS PEAK FLOW			2080	Jul 4 1989
INSTANTANEOUS PEAK STAGE			11.51	Jul 4 1989
INSTANTANEOUS LOW FLOW			.46	** Aug 1 1980
ANNUAL RUNOFF (CFSM)	1.33	2.61	1.72	
ANNUAL RUNOFF (INCHES)	18.03	35.39	23.32	
10 PERCENT EXCEEDS	12	30	19	
50 PERCENT EXCEEDS	3.1	5.8	3.7	
90 PERCENT EXCEEDS	1.2	2.8	1.6	

* Also occurred on Oct. 2

** Also occurred on Aug. 2, 4, 5, 11 - 14, 1980.

SANTEE RIVER BASIN

02162110 BROAD RIVER DIVERSION CANAL (FOREBAY) AT COLUMBIA, SC

LOCATION.--Lat 33°59'59'', long 81°03'00'', Richland County, Hydrologic Unit 03050110, on 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, Feb. 24, 1991; minimum, 45.17 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 54.63 ft, Feb. 24; minimum, 46.71 ft, Sept. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50.55	52.99	53.36	53.14	53.57	53.06	53.89	53.56	52.65	50.94	53.03	52.45
2	52.40	52.81	53.37	53.36	52.77	53.56	52.88	52.54	53.11	51.19	53.30	52.63
3	51.54	52.69	53.42	53.59	53.04	53.82	53.28	52.29	53.22	51.39	52.63	50.52
4	51.31	52.55	53.53	53.21	53.27	53.71	53.31	52.34	52.89	53.19	52.50	50.16
5	51.24	52.53	53.56	53.57	53.47	53.36	53.10	52.37	52.50	53.32	51.09	50.57
6	51.72	52.68	53.79	53.57	53.30	53.43	53.05	53.71	51.91	53.31	50.69	50.91
7	51.84	52.79	53.80	53.57	52.82	53.88	53.32	53.57	52.05	53.33	51.55	49.29
8	51.33	52.69	53.81	53.71	52.97	53.31	52.98	53.50	50.74	53.30	50.60	51.12
9	51.60	52.85	53.85	53.74	53.64	53.35	53.23	53.31	51.00	52.97	50.47	50.44
10	51.08	53.67	50.69	53.68	53.78	53.19	54.13	52.84	51.25	51.26	50.85	49.70
11	52.30	53.03	49.79	53.51	53.46	53.23	53.41	52.56	51.30	53.49	50.60	50.34
12	53.01	52.79	49.97	53.54	53.47	52.91	53.29	52.40	51.91	52.94	50.85	50.41
13	53.19	52.91	49.50	53.63	53.46	53.31	53.71	52.34	51.61	53.53	52.88	51.04
14	54.16	52.23	50.34	52.82	53.44	53.06	53.44	52.49	51.21	53.53	51.75	51.27
15	54.34	52.11	53.22	52.29	52.87	53.04	53.19	51.57	51.93	52.13	52.25	50.57
16	52.99	52.03	51.55	53.42	53.24	52.76	53.41	52.29	51.21	51.71	52.73	50.53
17	52.50	51.57	50.04	53.88	53.42	52.25	53.06	52.50	51.41	52.78	51.99	49.71
18	53.65	51.26	50.90	53.84	52.99	52.18	52.77	52.86	52.68	51.69	52.06	51.39
19	53.12	52.68	52.86	53.27	53.26	52.14	52.73	52.30	52.03	51.72	50.48	50.27
20	53.04	53.20	53.31	53.19	53.40	52.38	53.51	52.93	51.83	51.88	51.39	49.75
21	53.18	53.11	53.59	53.17	53.50	52.79	53.76	53.64	52.27	52.05	51.08	48.98
22	53.08	53.11	53.48	52.96	53.50	52.73	53.41	53.49	52.56	50.60	51.05	50.67
23	53.89	53.13	53.43	52.88	53.73	52.82	52.67	53.06	52.42	51.40	51.70	50.82
24	53.88	53.09	53.48	52.55	53.94	52.77	52.41	52.14	52.27	51.24	49.99	50.12
25	53.14	53.08	52.75	52.84	53.63	52.74	52.13	52.36	52.56	51.08	51.05	51.11
26	52.64	53.00	52.72	53.21	53.47	52.88	52.32	52.46	52.74	50.18	51.78	50.82
27	52.74	53.27	53.26	52.59	53.04	52.97	52.72	53.12	52.80	50.26	51.12	49.97
28	52.39	53.02	53.54	52.26	53.00	52.90	53.17	52.42	52.41	52.21	51.02	49.95
29	51.84	53.79	53.55	52.27	---	53.30	53.34	52.17	52.25	52.66	52.02	49.17
30	52.40	53.48	53.56	52.67	---	53.10	53.19	51.77	52.42	52.53	51.78	50.31
31	52.82	---	53.43	53.52	---	54.11	---	52.50	---	52.71	50.37	---
MEAN	52.55	52.80	52.63	53.21	53.34	53.07	53.16	52.69	52.10	52.15	51.50	50.50
MAX	54.34	53.79	53.85	53.88	53.94	54.11	54.13	53.71	53.22	53.53	53.30	52.63
MIN	50.55	51.26	49.50	52.26	52.77	52.14	52.13	51.57	50.74	50.18	49.99	48.98

CAL YR 1990 MEAN 52.44 MAX 54.34 MIN 48.51
WTR YR 1991 MEAN 52.47 MAX 54.34 MIN 48.98

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.--Records good except for estimated daily discharges, Dec. 29 to Jan. 17, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	45	31	92	72	55	120	87	91	48	75	69
2	19	43	32	78	69	81	106	78	98	47	65	63
3	18	42	66	52	67	88	96	72	94	45	55	59
4	36	41	67	64	64	86	90	71	82	44	48	56
5	23	43	46	70	65	73	107	87	76	61	45	53
6	19	41	42	64	76	75	91	95	72	49	43	53
7	18	39	40	47	69	78	84	78	68	43	43	50
8	18	38	38	40	62	87	83	73	66	42	51	94
9	18	75	36	36	61	79	80	75	65	40	45	56
10	21	73	36	140	59	73	83	74	63	40	57	51
11	26	51	35	450	57	69	73	67	61	39	48	49
12	272	47	35	250	55	66	72	79	62	37	56	46
13	111	44	34	170	65	75	114	72	59	35	48	46
14	59	42	36	120	79	66	104	77	57	34	62	45
15	45	41	34	70	63	62	147	73	58	33	62	43
16	39	40	34	75	57	63	116	67	57	39	50	42
17	35	38	33	82	60	62	98	76	55	56	45	48
18	154	38	39	100	67	91	89	77	58	54	51	52
19	85	38	47	96	62	71	102	150	70	44	49	50
20	61	38	41	98	76	66	105	108	86	40	43	42
21	52	37	47	89	68	63	102	100	78	39	39	40
22	152	36	51	84	65	61	90	89	75	39	38	38
23	144	35	254	82	64	63	84	83	65	37	37	38
24	93	34	202	80	60	58	84	79	59	39	36	39
25	86	33	108	76	59	55	75	75	57	45	72	46
26	72	33	87	74	56	53	73	73	62	39	220	40
27	63	32	84	72	54	53	113	93	57	40	102	36
28	58	40	85	69	53	58	97	157	54	61	87	34
29	53	36	88	66	---	564	98	143	51	51	130	34
30	50	32	91	90	---	235	99	120	50	168	111	33
31	48	---	92	81	---	148	---	101	---	66	81	---
TOTAL	1967	1245	1991	3057	1784	2877	2875	2749	2006	1494	1994	1445
MEAN	63.5	41.5	64.2	98.6	63.7	92.8	95.8	88.7	66.9	48.2	64.3	48.2
MAX	272	75	254	450	79	564	147	157	98	168	220	94
MIN	18	32	31	36	53	53	72	67	50	33	36	33
CFSM	3.02	1.98	3.06	4.70	3.03	4.42	4.56	4.22	3.18	2.29	3.06	2.29
IN.	3.48	2.21	3.53	5.42	3.16	5.10	5.09	4.87	3.55	2.65	3.53	2.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

	35.8	39.8	62.6	59.9	73.6	75.6	71.1	63.8	51.4	42.0	39.7	30.9
MEAN	35.8	39.8	62.6	59.9	73.6	75.6	71.1	63.8	51.4	42.0	39.7	30.9
MAX	94.3	73.5	129	98.6	158	180	126	122	103	88.5	65.8	49.3
(WY)	1990	1987	1984	1991	1990	1990	1983	1984	1989	1989	1984	1989
MIN	14.2	13.6	25.1	19.6	37.4	32.8	34.8	27.3	21.3	18.9	15.9	15.1
(WY)	1982	1982	1989	1981	1989	1988	1986	1986	1988	1981	1981	1981

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1981 - 1991

ANNUAL TOTAL	27472	25484	
ANNUAL MEAN	75.3	69.8	54.4
HIGHEST ANNUAL MEAN			79.5
LOWEST ANNUAL MEAN			28.3
HIGHEST DAILY MEAN	936	564	936
LOWEST DAILY MEAN	18	18	10
ANNUAL SEVEN-DAY MINIMUM	20	20	11
INSTANTANEOUS PEAK FLOW		2380	5190
INSTANTANEOUS PEAK STAGE		8.13	11.21
INSTANTANEOUS LOW FLOW		17	8.9
ANNUAL RUNOFF (CFSM)	3.58	3.32	2.59
ANNUAL RUNOFF (INCHES)	48.66	45.14	35.17
10 PERCENT EXCEEDS	139	102	95
50 PERCENT EXCEEDS	56	62	42
90 PERCENT EXCEEDS	27	36	19

* Also occurred on Oct. 7 - 9.

** Also occurred on Sept. 30, Oct. 3, 8, 1981.

SANTÉE RIVER BASIN

163

02162500 SALUDA RIVER NEAR GREENVILLE, SC

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

DRAINAGE AREA.--295 mi².

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

GAGE.--Data collection platform. Datum of gage is 797.48 ft above National Geodetic Vertical datum of 1929.

REMARKS.--Records good except for estimated daily discharges, Oct. 5 to Dec. 4, Jan. 2 - 7, 18, 29 - 31, which are fair. Some regulation at low and medium flow by powerplant at Saluda Lake. Capacity of reservoir insufficient to affect monthly figures of runoff. About 60.6 ft³/s per day is 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	241	400	270	972	575	478	1320	1120	817	495	1060	793
2	241	500	260	998	614	497	1010	1010	961	483	1140	768
3	240	600	260	850	589	748	688	814	1090	419	765	678
4	238	400	300	700	572	903	744	758	924	455	658	602
5	230	270	412	750	536	864	1010	756	835	491	586	590
6	230	210	447	600	519	676	689	1240	716	499	544	591
7	230	215	406	700	493	716	791	1080	602	499	488	531
8	230	220	270	567	562	698	1100	867	584	418	461	524
9	240	260	267	608	583	874	669	835	639	358	512	659
10	270	500	329	554	531	740	862	761	653	449	736	602
11	240	750	351	1020	431	612	733	882	562	471	961	510
12	300	580	334	1820	400	571	912	799	507	354	926	488
13	900	630	326	1130	486	755	911	1120	529	299	736	419
14	2300	720	325	923	630	679	962	874	552	333	578	493
15	800	560	325	773	717	741	899	1030	565	344	855	521
16	400	480	322	1160	596	634	1180	934	619	342	750	504
17	420	400	304	1110	510	594	956	868	598	442	625	505
18	460	350	299	1340	451	611	954	997	689	515	588	431
19	500	280	370	883	615	854	783	1480	693	587	827	666
20	580	260	368	697	598	749	982	1480	610	426	643	635
21	620	250	369	804	677	773	1180	1190	929	324	630	727
22	560	240	346	768	718	553	944	1100	878	469	472	655
23	900	250	447	576	575	665	903	995	811	476	364	574
24	2000	240	1490	573	541	770	827	949	854	357	387	546
25	900	250	1050	705	545	666	765	822	681	339	561	556
26	600	260	757	641	557	367	738	828	448	461	1250	404
27	520	270	702	509	497	610	850	741	639	398	1790	173
28	580	270	689	482	478	660	1140	895	607	759	1150	329
29	640	280	688	460	---	775	1060	1120	564	786	1400	331
30	460	270	695	440	---	2240	1220	529	1310	1730	391	---
31	370	---	819	420	---	2230	---	918	---	1460	1170	---
TOTAL	17440	11165	14597	24533	15596	24303	27852	30483	20685	15818	25343	16196
MEAN	563	372	471	791	557	784	928	983	689	510	818	540
MAX	2300	750	1490	1820	718	2240	1320	1480	1090	1460	1790	793
MIN	230	210	260	420	400	367	669	741	448	299	364	173
CFSM	1.91	1.26	1.60	2.68	1.89	2.66	3.15	3.33	2.34	1.73	2.77	1.83
IN.	2.20	1.41	1.84	3.09	1.97	3.06	3.51	3.84	2.61	1.99	3.20	2.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1991, BY WATER YEAR (WY)

MEAN	476	495	642	765	843	963	912	735	608	501	457	426
MAX	1631	994	1445	1875	1478	1807	1562	1506	1208	1435	1054	1241
(WY)	1965	1949	1962	1946	1946	1990	1962	1973	1961	1949	1949	1949
MIN	89.8	169	189	158	445	387	405	395	252	206	146	113
(WY)	1955	1955	1956	1956	1959	1955	1967	1970	1956	1970	1956	1954

SUMMARY STATISTICS

FOR 1991 WATER YEAR

WATER YEARS 1942 - 1991

ANNUAL TOTAL	244011		
ANNUAL MEAN	669		
HIGHEST ANNUAL MEAN		652	
LOWEST ANNUAL MEAN		965	1949
HIGHEST DAILY MEAN	2300	346	1956
LOWEST DAILY MEAN	173	8580	Oct 7 1949
ANNUAL SEVEN-DAY MINIMUM	234	70	Oct 16 1954
INSTANTANEOUS PEAK FLOW	2900	86	Oct 8 1954
INSTANTANEOUS PEAK STAGE	6.34	* 11000	Oct 7 1949
INSTANTANEOUS LOW FLOW	56	19.38	Oct 7 1949
ANNUAL RUNOFF (CFSM)	2.27	28	Feb 1 1956
ANNUAL RUNOFF (INCHES)	30.77	2.21	
10 PERCENT EXCEEDS	1070	30.01	
50 PERCENT EXCEEDS	607	1140	
90 PERCENT EXCEEDS	300	531	
		259	

* From rating curve extended above 7,500 ft³/s on basis of computation of peak flow over dam at Saluda Lake.

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.--March 1939 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 60.6 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	195	452	570	963	1210	792	2450	2290	1390	783	1790	1530
2	361	687	562	1020	912	1020	1830	1730	1130	650	1550	1100
3	208	794	521	938	919	1580	1640	1470	1570	809	1480	832
4	334	747	600	898	937	2140	1350	1360	1640	603	1120	992
5	297	658	647	768	890	1790	1170	1050	1380	647	850	823
6	249	407	824	982	752	1460	1240	1470	1160	841	912	1040
7	289	501	744	856	869	1110	1330	1860	992	893	896	753
8	262	492	622	726	912	1360	1220	1450	882	668	797	769
9	399	710	467	786	931	1180	1350	1190	844	693	824	666
10	273	1140	539	814	713	1370	1570	1230	885	567	812	734
11	369	971	530	1200	877	1250	1370	1110	933	595	988	806
12	1040	726	534	2780	721	989	1020	1230	894	791	2960	716
13	3670	1100	511	2430	621	896	1060	1330	769	594	2690	853
14	2670	957	528	1660	840	1270	1070	1610	728	567	2020	630
15	1560	702	537	1320	1190	1070	1550	1420	832	535	1920	594
16	919	602	477	1570	1030	1070	1490	1510	994	572	1960	661
17	537	509	503	1740	750	944	1640	1540	883	683	1480	766
18	583	491	548	1640	829	883	1220	1300	995	787	1260	817
19	658	588	501	1410	757	939	1120	1660	1400	846	1250	1000
20	825	526	545	1260	1010	1190	1320	2130	1600	898	1290	564
21	797	493	696	1150	1110	1080	1130	1920	1160	722	1110	913
22	795	392	642	1020	1150	874	1490	1550	1260	565	902	807
23	3590	564	633	1110	1290	946	1200	1490	1270	598	972	884
24	2510	501	905	955	1210	870	1130	1370	1080	715	679	741
25	1660	442	2000	889	903	807	1060	1270	968	655	701	761
26	1460	397	1410	896	871	1070	1110	1220	1010	597	1160	866
27	1140	385	1000	991	973	556	974	1070	862	685	1840	791
28	856	512	927	837	811	747	1760	1060	855	1890	2100	493
29	1170	673	797	573	---	1440	1930	1170	859	1300	1590	284
30	871	634	775	942	---	4000	3050	1620	920	1390	2010	475
31	691	---	922	1450	---	4240	---	1700	---	1960	2220	---
TOTAL	31238	18753	22017	36574	25988	40933	42844	45390	32145	25099	44133	23661
MEAN	1008	625	710	1180	928	1320	1428	1464	1071	810	1424	789
MAX	3670	1140	2000	2780	1290	4240	3050	2290	1640	1960	2960	1530
MIN	195	385	467	573	621	556	974	1050	728	535	679	284
CFSM	1.73	1.08	1.22	2.03	1.60	2.27	2.46	2.52	1.84	1.39	2.45	1.36
IN.	2.00	1.20	1.41	2.34	1.66	2.62	2.74	2.91	2.06	1.61	2.83	1.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1991, BY WATER YEAR (WY)

	MEAN	668	743	975	1209	1356	1551	1396	1079	870	748	722	612
MAX	2623	2041	2603	2929	2430	3864	3005	2092	1775	1906	1990	1861	
(WY)	1965	1949	1962	1946	1990	1952	1964	1973	1979	1949	1940	1949	
MIN	149	261	323	310	528	519	473	387	215	151	219	142	
(WY)	1955	1982	1956	1956	1989	1988	1986	1988	1988	1986	1986	1981	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1939 - 1991
ANNUAL TOTAL	407311	388775	
ANNUAL MEAN	1116	1065	993
HIGHEST ANNUAL MEAN			1569
LOWEST ANNUAL MEAN			438
HIGHEST DAILY MEAN	11400	Mar 18	14400
LOWEST DAILY MEAN	195	Oct 1	11
ANNUAL SEVEN-DAY MINIMUM	270	Sep 30	61
INSTANTANEOUS PEAK FLOW		4740	20700
INSTANTANEOUS PEAK STAGE		9.25	22.85
ANNUAL RUNOFF (CFSM)	1.92	1.83	1.71
ANNUAL RUNOFF (INCHES)	26.08	24.89	23.22
10 PERCENT EXCEEDS	2020	1660	1790
50 PERCENT EXCEEDS	785	927	747
90 PERCENT EXCEEDS	409	532	326

* Also occurred on Oct. 19, 1941.

** From rating curve extended above 14,000 ft³/s on basis of computation of peak flow over dam.

SANTEE RIVER BASIN

02164000 REEDY RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°48'00'', long 82°21'55'', Greenville County, Hydrologic Unit 03050109, on right bank, 375 ft downstream from bridge on Interstate Highway 85, 0.5 mi upstream from Brushy Creek, 2.5 mi upstream from dam at Conestee, 3.9 mi southeast of City Hall in Greenville, and at mile 48.5.

DRAINAGE AREA.--48.6 mi².

PERIOD OF RECORD.--November 1941 to September 1971, June 1987 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Elevation of gage is 800 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	34	30	52	58	50	100	131	137	38	499	42
2	18	33	30	46	51	138	87	95	353	38	124	40
3	18	33	49	46	49	210	80	80	144	38	80	38
4	25	36	57	45	47	144	75	76	85	35	72	37
5	26	33	35	41	45	81	152	223	69	84	62	35
6	20	35	33	40	60	75	93	330	58	49	56	40
7	18	32	32	78	64	86	77	101	52	39	62	37
8	19	31	35	75	50	130	150	79	50	35	48	33
9	18	283	31	52	45	89	204	80	50	36	169	33
10	29	144	30	45	44	70	108	75	47	33	167	32
11	59	56	29	537	43	62	81	68	46	33	139	32
12	1090	45	29	226	41	59	73	189	46	32	272	31
13	292	41	29	95	73	118	121	107	46	32	124	29
14	73	38	53	70	163	69	99	84	50	31	120	29
15	48	37	34	91	66	59	112	81	60	30	91	29
16	38	37	32	241	51	54	83	165	57	43	66	29
17	34	34	31	84	51	54	74	95	52	124	52	28
18	134	33	37	68	86	120	72	503	200	73	58	59
19	45	32	60	65	55	68	116	912	711	83	59	31
20	34	31	78	106	136	58	191	158	136	42	42	29
21	33	30	62	63	76	55	125	117	101	40	39	29
22	871	30	45	54	66	54	78	100	83	34	37	27
23	530	30	135	50	93	53	69	87	77	32	37	26
24	98	30	157	60	61	52	63	74	72	50	42	26
25	83	30	58	54	56	50	58	65	57	63	121	103
26	62	30	47	46	53	49	56	63	52	33	199	61
27	47	30	58	46	49	48	557	96	53	368	83	36
28	44	34	54	45	47	60	192	106	51	179	60	30
29	40	42	45	43	---	806	416	315	46	134	67	27
30	38	31	46	141	---	462	545	391	41	892	58	26
31	36	---	114	89	---	131	---	120	---	84	46	---
TOTAL	3938	1395	1595	2794	1779	3614	4307	5166	3082	2857	3151	1084
MEAN	127	46.5	51.5	90.1	63.5	117	144	167	103	92.2	102	36.1
MAX	1090	283	157	537	163	806	557	912	711	892	499	103
MIN	18	30	29	40	41	48	56	63	41	30	37	26
CFSM	2.61	.96	1.06	1.85	1.31	2.40	2.95	3.43	2.11	1.90	2.09	.74
IN.	3.01	1.07	1.22	2.14	1.36	2.77	3.30	3.95	2.36	2.19	2.41	.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1991, BY WATER YEAR (WY)

	MEAN	62.2	62.9	79.0	96.4	118	133	113	77.0	65.5	63.5	57.7	56.3
MAX	255	204	233	216	234	350	290	167	140	140	128	155	155
(WY)	1950	1949	1962	1946	1961	1952	1964	1991	1968	1968	1949	1949	1949
MIN	13.4	23.9	29.2	28.0	54.9	48.0	50.2	27.2	20.5	25.3	17.5	14.1	14.1
(WY)	1955	1955	1956	1956	1988	1955	1942	1988	1988	1954	1954	1954	1954

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1942 - 1991

ANNUAL TOTAL	31002		34762		82.7	
ANNUAL MEAN	84.9		95.2		118	1949
HIGHEST ANNUAL MEAN					43.1	1988
LOWEST ANNUAL MEAN					2800	Oct 7 1949
HIGHEST DAILY MEAN	2330	Mar 17	1090	Oct 12	8.0	Oct 4 1954
LOWEST DAILY MEAN	18	Jul 7	18	Oct 1	11	Sep 29 1954
ANNUAL SEVEN-DAY MINIMUM	19	Sep 27	20	Oct 1	4050	Mar 6 1963
INSTANTANEOUS PEAK FLOW			2920	Jul 30	10.12	Mar 6 1963
INSTANTANEOUS PEAK STAGE			8.35	Jul 30	4.6	Oct 11 1966
INSTANTANEOUS LOW FLOW			18	* Oct 1	1.70	
ANNUAL RUNOFF (CFSM)	1.75		1.96		23.11	
ANNUAL RUNOFF (INCHES)	23.73		26.61		139	
10 PERCENT EXCEEDS	143		164		53	
50 PERCENT EXCEEDS	50		56		26	
90 PERCENT EXCEEDS	22		30			

* Also occurred on Oct. 2 - 4, 6 - 10.

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.--April 1939 to current year.

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

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.--Records fair except for estimated daily discharges, Dec. 7 - 18, Apr. 9, 10, 19, 20, 27 - 29, May 5 - 14, Sept. 21 - 30, which are poor. 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	203	297	329	712	349	434	1460	754	287	856	198
2	129	204	254	305	283	742	283	843	565	232	757	196
3	85	204	227	293	264	1110	273	586	712	223	815	182
4	88	205	230	251	310	1190	222	505	811	227	461	169
5	92	198	432	217	330	667	205	500	553	210	206	169
6	90	181	354	213	288	355	263	700	469	197	170	172
7	92	196	267	304	303	298	230	1200	282	201	202	174
8	95	210	180	676	355	270	212	500	318	464	224	191
9	103	266	220	514	325	313	400	390	289	386	217	187
10	131	784	180	273	264	284	1010	320	181	142	306	171
11	88	951	170	558	227	239	678	290	331	154	715	171
12	850	475	165	1420	227	191	548	270	336	195	899	172
13	1720	224	165	1000	273	219	396	260	236	190	1020	171
14	1550	238	160	584	328	256	318	700	197	181	979	170
15	542	289	200	440	648	231	524	457	270	176	1120	170
16	355	294	300	884	441	190	384	497	414	174	777	149
17	287	241	170	958	268	195	467	776	457	192	650	102
18	245	226	160	568	227	173	380	593	434	432	535	229
19	299	213	194	477	274	197	350	646	449	721	290	587
20	354	205	219	453	321	208	429	1450	1280	707	348	438
21	262	196	313	500	610	189	493	798	897	559	259	170
22	326	198	421	395	513	172	593	616	575	318	180	160
23	1490	198	299	251	551	167	450	324	501	162	184	150
24	2030	194	542	250	717	164	267	386	468	141	200	150
25	832	193	844	303	496	166	206	371	415	95	203	200
26	782	161	395	313	325	165	209	298	369	253	291	350
27	551	184	280	277	340	162	400	293	335	312	825	480
28	405	213	300	250	344	163	700	498	351	746	473	180
29	263	266	318	426	---	517	1100	449	362	1150	210	160
30	205	322	304	530	---	1640	1620	795	359	869	201	150
31	207	---	290	650	---	1440	---	1170	---	1130	197	---
TOTAL	14648	8132	8850	14862	10564	12622	14044	18941	13970	11426	14770	6318
MEAN	473	271	285	479	377	407	468	611	466	369	476	211
MAX	2030	951	844	1420	717	1640	1620	1460	1280	1150	1120	587
MIN	85	161	160	213	227	162	205	260	181	95	170	102
IN.	2.31	1.28	1.39	2.34	1.67	1.99	2.21	2.99	2.20	1.80	2.33	1.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1991, BY WATER YEAR (WY)

	MEAN	240	265	332	451	516	590	480	347	272	245	247	205
MAX	837	746	851	1002	952	1324	1249	825	728	652	745	692	
(WY)	1965	1949	1962	1943	1960	1952	1964	1979	1972	1968	1940	1975	
MIN	40.7	83.4	109	118	144	217	183	100	96.9	71.7	61.2	45.6	
(WY)	1955	1942	1956	1956	1941	1955	1986	1941	1988	1986	1954	1954	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR		FOR 1991 WATER YEAR		WATER YEARS 1939 - 1991	
ANNUAL TOTAL	148761		149147		349	
ANNUAL MEAN	408		409		521	
HIGHEST ANNUAL MEAN					171	
LOWEST ANNUAL MEAN					171	
HIGHEST DAILY MEAN	4190		2030		8800	
LOWEST DAILY MEAN	70		85		4.8	
ANNUAL SEVEN-DAY MINIMUM	84		92		20	
INSTANTANEOUS PEAK FLOW			2600		11000	
INSTANTANEOUS PEAK STAGE			9.34		15.40	
INSTANTANEOUS LOW FLOW			49		2.7	
ANNUAL RUNOFF (INCHES)	23.45		23.51		20.09	

Santee River Basin
02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC

LOCATION.--Lat 34°31'12'', long 82°09'26'', Laurens County, Hydrologic Unit 03050109, at left bank, 125 ft upstream from U.S. Highway 76, 2.5 mi upstream from North Rabon Creek and 7.0 mi southwest of Gray Court.

DRAINAGE AREA.--29.5 mi².

PERIOD OF RECORD.--January 1967 to September 1981, May 1990 to current year.

GAGE.--Data Collection Platform. Datum of gage is 547.37 ft above National Geodetic Vertical Datum of 1929. Prior to May 1990, at datum 1.00 ft higher.

REMARKS.--Records good except estimated daily discharges, Jan. 20 - 26, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	25	20	30	53	41	64	97	46	22	17	17
2	7.0	24	20	29	44	97	51	65	40	21	17	15
3	6.9	23	22	29	40	145	46	52	74	20	17	15
4	8.3	22	33	29	37	153	42	47	51	19	15	15
5	8.6	22	28	27	35	90	47	46	38	19	14	15
6	7.9	22	25	27	36	61	52	51	32	21	14	14
7	7.6	22	24	64	42	56	46	47	29	20	14	14
8	7.4	22	25	59	40	53	43	42	27	19	13	14
9	7.0	32	24	45	37	54	57	40	26	19	19	14
10	7.5	87	22	40	35	48	61	39	25	18	18	13
11	11	58	22	103	33	43	48	38	25	17	17	14
12	156	42	21	126	32	40	43	49	24	17	26	15
13	145	35	21	78	32	47	42	59	23	16	45	14
14	62	31	22	55	42	48	42	53	24	15	62	13
15	42	29	23	46	43	43	41	46	39	14	63	13
16	32	28	23	107	37	40	40	45	29	16	38	12
17	26	27	22	85	35	38	38	52	27	24	28	12
18	25	25	22	58	35	41	36	42	33	31	23	23
19	25	24	23	48	35	41	37	39	30	26	21	27
20	23	23	25	80	40	38	40	45	30	22	20	20
21	20	23	34	60	49	37	46	42	30	20	18	16
22	35	22	34	50	48	37	42	40	29	18	17	15
23	186	22	32	45	73	37	38	38	28	17	16	14
24	88	21	48	40	75	35	36	36	25	15	16	14
25	65	21	42	60	57	34	35	34	24	16	18	20
26	54	20	35	50	49	34	34	32	24	16	27	24
27	41	21	31	36	43	33	52	31	25	16	24	21
28	34	21	31	34	40	38	110	34	24	20	21	17
29	29	23	30	33	---	149	107	31	23	19	19	15
30	27	21	30	52	---	211	210	136	23	18	20	14
31	26	---	31	70	---	97	---	76	---	17	18	---
TOTAL	1227.3	838	845	1695	1197	1959	1626	1524	927	588	715	479
MEAN	39.6	27.9	27.3	54.7	42.7	63.2	54.2	49.2	30.9	19.0	23.1	16.0
MAX	186	87	48	126	75	211	210	136	74	31	63	27
MIN	6.9	20	20	27	32	33	34	31	23	14	13	12
CFSM	1.34	.95	.92	1.85	1.45	2.14	1.84	1.67	1.05	.64	.78	.54
IN.	1.55	1.06	1.07	2.14	1.51	2.47	2.05	1.92	1.17	.74	.90	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1991, BY WATER YEAR (WY)

	MEAN	27.2	30.8	40.0	61.0	51.8	67.0	51.1	42.8	32.7	24.0	21.2	22.9
MAX	62.9	51.4	99.2	99.5	99.7	137	89.3	77.8	70.2	48.0	41.4	121	
(WY)	1977	1969	1973	1972	1975	1975	1973	1975	1975	1972	1968	1972	1973
MIN	10.5	12.4	16.9	18.8	32.9	28.8	24.5	16.9	11.8	10.1	8.93	8.03	
(WY)	1979	1979	1979	1981	1978	1981	1981	1981	1970	1990	1990	1981	

SUMMARY STATISTICS

FOR 1991 WATER YEAR

WATER YEARS 1967 - 1991

ANNUAL TOTAL	13620.3		
ANNUAL MEAN	37.3	39.8	
HIGHEST ANNUAL MEAN		62.2	1973
LOWEST ANNUAL MEAN		21.6	1981
HIGHEST DAILY MEAN	211	2520	Sep 14 1973
LOWEST DAILY MEAN	6.9	3.4	*Sep 29 1981
ANNUAL SEVEN-DAY MINIMUM	7.6	3.7	Sep 24 1981
INSTANTANEOUS PEAK FLOW	384	4100	Sep 14 1973
INSTANTANEOUS PEAK STAGE	3.28	9.86	Sep 14 1973
ANNUAL RUNOFF (CFSM)	1.26	1.35	
ANNUAL RUNOFF (INCHES)	17.18	18.33	
10 PERCENT EXCEEDS	61	58	
50 PERCENT EXCEEDS	31	28	
90 PERCENT EXCEEDS	15	13	

* Also occurred on Sept. 30, 1981.

SANTÉE 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, 440.02 ft, Oct. 13, Aug. 14; minimum, 434.38 ft, Mar. 1.

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 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438.51	438.52	438.50	437.02	436.38	434.59	437.96	438.86	439.05	438.99	439.07	439.00
2	438.49	438.54	438.38	436.92	436.18	434.91	437.67	438.65	438.99	439.02	438.98	439.04
3	438.48	438.51	438.42	436.91	435.94	435.99	437.31	438.32	439.11	438.95	439.02	438.95
4	438.54	438.50	438.28	436.81	435.70	436.60	436.91	438.32	439.14	438.96	438.99	438.89
5	438.50	438.51	438.32	436.81	435.50	436.84	436.58	438.53	439.00	438.97	438.98	438.89
6	438.52	438.46	438.11	436.81	435.51	436.86	436.74	438.55	439.01	438.98	438.99	438.88
7	438.54	438.55	438.21	436.86	435.46	436.81	436.69	438.58	438.98	438.98	438.97	438.80
8	438.49	438.53	438.08	437.02	435.45	436.73	436.85	438.67	439.00	438.98	439.01	438.83
9	438.52	438.53	438.09	436.88	435.39	436.61	436.84	438.59	438.98	439.01	438.96	438.92
10	438.49	438.53	438.20	436.62	435.29	436.52	436.92	438.70	439.15	438.93	438.99	439.00
11	438.29	438.46	438.27	436.71	435.35	436.38	437.02	438.78	439.32	439.00	439.00	438.80
12	439.83	438.69	438.05	437.02	435.45	436.56	437.01	438.78	439.16	439.02	439.62	438.77
13	439.98	438.87	437.88	437.06	435.38	436.96	437.10	439.12	438.98	439.01	439.89	438.83
14	439.90	438.59	437.80	436.78	435.12	437.06	437.04	439.54	439.01	438.99	440.01	438.72
15	439.82	438.54	437.78	436.44	435.08	436.89	437.38	439.43	439.01	439.05	439.96	438.68
16	439.55	438.47	437.70	436.58	435.00	436.70	437.76	439.29	439.00	439.14	439.94	438.73
17	439.17	438.53	437.72	436.41	435.06	436.46	437.64	439.32	439.06	439.00	439.75	438.68
18	438.95	438.52	437.63	436.27	435.21	436.44	437.38	439.19	439.00	439.06	439.51	438.67
19	438.52	438.54	437.63	436.21	435.00	436.39	437.39	439.11	439.06	439.00	439.24	438.72
20	438.52	438.50	437.51	436.22	435.05	436.19	437.58	439.26	439.03	439.00	439.02	438.71
21	438.50	438.51	437.48	436.47	435.04	435.92	437.55	439.24	439.03	438.99	439.00	438.66
22	438.89	438.52	437.39	436.39	435.04	435.88	437.61	439.12	439.01	438.97	439.04	438.59
23	439.68	438.50	437.42	436.19	435.24	435.80	437.70	438.97	439.02	438.99	438.99	438.60
24	439.91	438.52	437.33	436.04	435.20	435.92	437.69	439.03	438.99	439.05	439.00	438.59
25	439.74	438.50	437.41	435.92	435.02	436.00	437.82	439.01	439.00	438.99	438.97	438.60
26	439.40	438.50	437.30	435.89	434.81	436.04	437.96	439.00	438.99	438.99	439.17	438.60
27	438.95	438.51	437.23	435.93	434.66	436.07	437.97	438.99	439.02	439.17	439.55	438.59
28	438.49	438.50	437.18	435.82	434.53	436.10	438.06	438.99	438.97	439.28	439.64	438.59
29	438.51	438.48	437.11	435.79	---	436.63	438.29	439.04	438.98	439.13	439.41	438.52
30	438.50	438.50	437.11	436.27	---	437.43	438.76	439.15	438.99	439.02	439.28	438.48
31	438.47	---	437.04	436.43	---	438.02	---	439.16	---	439.15	439.19	---
MAX	439.98	438.87	438.50	437.06	436.38	438.02	438.76	439.54	439.32	439.28	440.01	439.04
MIN	438.29	438.46	437.04	435.79	434.53	434.59	436.58	438.32	438.97	438.93	438.96	438.48
[+]	6.94	6.95	6.29	6.01	5.17	6.73	7.07	7.25	7.18	7.25	7.27	6.94
[*]	-3.7	3.9	-246.4	-104.5	-347.2	582.4	131.2	67.2	-27.0	26.1	7.5	-127.3

CAL YR 1990 * - 0.6 MAX 440.08 MIN 436.10
WTR YR 1991 * - 0.32 MAX 440.01 MIN 434.53

[+] CONTENTS, IN BILLIONS OF CUBIC FEET, AT END OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

SANTEE RIVER BASIN

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLE, SC

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

DRAINAGE.--1,170 mi².

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.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.61 ft, Oct. 23; minimum, 5.49 ft, Sept. 23.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	11.41	5.72	6.96	11.63	5.67	7.40	11.67	5.88	8.92
2	---	---	---	11.61	5.71	7.52	11.68	5.67	8.62	11.68	5.83	10.14
3	---	---	---	11.62	5.70	8.24	11.68	5.67	7.81	11.62	5.81	8.84
4	---	---	---	11.59	5.68	8.00	13.35	5.72	10.02	13.21	5.79	9.58
5	---	---	---	11.59	5.67	7.59	11.65	5.90	7.59	11.57	5.80	8.29
6	---	---	---	11.47	5.65	7.70	13.37	5.82	10.26	11.59	5.78	8.74
7	---	---	---	9.17	5.65	6.34	11.59	5.74	7.36	13.27	5.78	8.16
8	---	---	---	11.50	5.65	7.40	13.41	5.75	8.90	13.34	5.92	8.26
9	---	---	---	14.00	5.64	10.44	11.26	5.75	7.13	13.35	5.92	10.06
10	---	---	---	14.67	7.91	12.93	9.17	5.73	6.44	13.36	5.84	11.15
11	---	---	---	13.91	6.46	11.47	9.17	5.75	7.08	14.35	5.84	11.25
12	---	---	---	9.25	6.01	6.78	13.17	5.72	9.47	14.72	14.31	14.53
13	---	---	---	9.23	5.90	7.18	11.67	6.17	9.86	14.56	13.80	14.16
14	---	---	---	13.49	5.88	10.86	11.67	5.72	8.29	13.80	13.54	13.64
15	---	---	---	13.48	5.79	8.44	11.67	5.80	8.12	13.55	13.47	13.50
16	---	---	---	13.38	5.76	8.44	11.62	5.77	8.37	14.27	6.62	12.75
17	---	---	---	11.57	5.74	6.91	13.09	5.74	7.34	14.18	13.78	13.96
18	11.68	5.99	10.89	11.64	5.72	7.56	11.59	5.73	8.26	13.79	6.24	12.69
19	13.49	5.87	11.87	11.63	5.71	7.34	11.63	5.75	8.06	13.64	6.12	11.12
20	11.64	5.67	8.21	11.62	5.71	7.86	11.69	5.88	9.33	14.10	6.70	11.35
21	11.58	5.64	8.22	11.61	5.72	7.17	11.77	5.95	8.87	11.39	6.44	8.13
22	15.14	5.63	9.24	9.22	5.71	7.18	13.41	5.96	9.05	11.40	6.12	10.09
23	18.61	15.22	17.48	11.69	5.69	7.71	13.15	5.91	7.70	11.33	11.27	11.30
24	18.20	14.57	16.23	11.61	5.69	7.01	13.39	5.94	10.07	11.58	11.26	11.33
25	14.58	13.78	13.98	11.67	5.68	7.28	13.50	6.00	11.11	11.78	6.59	11.14
26	13.84	13.71	13.79	11.61	5.67	6.99	11.66	5.93	10.62	11.39	6.44	9.54
27	13.71	13.52	13.60	11.60	5.67	6.88	13.34	5.83	9.56	11.34	6.10	9.20
28	13.54	7.07	13.13	11.64	5.68	7.36	13.34	5.82	8.93	11.31	6.03	9.67
29	11.62	5.85	9.10	13.27	5.69	7.63	13.33	5.83	9.08	11.29	5.96	9.45
30	11.60	5.76	8.38	11.65	5.68	7.44	13.14	5.80	8.29	12.84	6.05	10.34
31	11.59	5.75	8.14	---	---	---	11.65	5.83	9.98	13.25	12.70	13.00
MONTH	18.61	5.63	11.59	14.67	5.64	7.95	13.50	5.67	8.68	14.72	5.78	10.78

SANTÉE RIVER BASIN

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 fair except for estimated daily discharges, Oct. 12 - 26, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.82	5.3	9.7	9.1	31	12	17	18	5.0	3.4	2.8	3.0
2	.80	5.1	10	8.5	19	311	13	11	9.2	3.1	52	2.7
3	.77	5.0	11	8.0	15	505	11	8.3	5.6	3.0	8.0	2.6
4	.81	5.1	14	7.8	13	263	10	8.9	4.9	3.0	4.0	2.6
5	.88	5.2	10	7.6	12	37	9.9	11	4.5	3.2	3.0	2.3
6	.84	5.6	9.2	7.5	14	21	9.9	14	4.1	4.4	2.7	2.0
7	.79	5.5	9.3	12	18	18	9.3	8.8	4.0	4.1	3.3	1.9
8	.79	5.7	13	11	13	14	8.7	7.2	3.9	3.2	2.8	1.8
9	.82	40	11	9.7	11	12	8.8	6.8	3.8	3.0	2.7	1.7
10	.98	278	9.6	8.8	9.6	11	10	6.6	3.7	2.9	2.6	1.6
11	2.7	23	9.0	150	8.8	10	8.6	6.2	3.6	2.7	7.9	1.8
12	800	12	8.7	205	7.9	9.8	7.8	23	3.6	2.6	60	1.6
13	200	9.5	9.1	40	8.2	57	7.8	10	3.6	2.4	14	1.4
14	50	8.1	12	18	23	28	7.9	7.4	3.8	2.3	26	1.4
15	25	7.6	12	14	13	14	7.8	6.7	5.7	2.2	20	1.3
16	10	7.4	11	143	10	11	7.6	10	4.1	2.4	6.4	1.3
17	5.5	7.9	10	28	9.0	11	7.1	33	3.7	3.6	4.6	1.3
18	5.2	8.2	10	16	8.7	12	6.8	8.6	14	5.4	3.9	1.2
19	5.0	8.3	14	37	8.6	10	26	7.2	5.3	3.5	3.5	1.2
20	5.0	8.4	20	111	8.4	9.3	17	7.2	4.7	3.0	3.2	1.1
21	5.0	8.4	32	29	8.1	8.9	10	7.8	5.6	2.5	3.0	1.1
22	50	8.7	16	16	12	8.6	8.0	7.1	4.3	2.1	2.9	1.2
23	300	9.1	14	12	153	8.5	7.3	6.8	5.3	2.0	2.8	1.2
24	30	8.8	19	46	36	8.2	7.0	6.1	5.4	1.7	2.8	1.3
25	20	8.4	13	71	17	7.7	6.6	5.8	4.4	1.5	14	1.7
26	10	8.5	9.9	27	14	7.4	6.5	5.5	3.9	1.3	9.4	2.2
27	8.6	8.3	9.0	17	11	7.4	7.5	5.5	3.7	1.3	5.3	1.6
28	7.3	9.4	9.3	15	9.4	61	10	8.0	4.0	2.2	4.2	1.5
29	6.5	11	8.9	15	---	313	53	5.7	3.8	6.2	3.8	1.5
30	5.9	10	8.9	286	---	379	168	6.9	3.8	26	3.6	1.4
31	5.5	---	10	217	---	30	---	5.4	---	3.6	3.3	---
TOTAL	1565.50	551.5	372.6	1603.0	521.7	2215.8	495.9	290.5	145.0	113.8	288.5	50.5
MEAN	50.5	18.4	12.0	51.7	18.6	71.5	16.5	9.37	4.83	3.67	9.31	1.68
MAX	800	278	32	286	153	505	168	33	14	26	60	3.0
MIN	.77	5.0	8.7	7.5	7.9	7.4	6.5	5.4	3.6	1.3	2.6	1.1
CFSM	2.90	1.06	.69	2.97	1.07	4.11	.95	.54	.28	.21	.53	.10
IN.	3.35	1.18	.80	3.43	1.12	4.74	1.06	.62	.31	.24	.62	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	10.4	11.4	22.2	34.6	46.1	33.3	15.8	8.70	4.39	4.60	2.79
MAX	50.5	65.4	50.6	86.5	92.8	71.5	43.8	35.9	12.5	28.4	9.31
(WY)	1991	1986	1984	1982	1983	1991	1983	1984	1981	1989	1989
MIN	.10	.92	2.54	3.07	8.85	5.85	3.72	1.90	.92	.38	.26
(WY)	1988	1988	1989	1981	1986	1985	1985	1981	1988	1988	1983

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1981 - 1991

ANNUAL TOTAL	6695.89	8214.30	16.1
ANNUAL MEAN	18.3	22.5	26.5
HIGHEST ANNUAL MEAN			4.52
LOWEST ANNUAL MEAN			1983
HIGHEST DAILY MEAN	800	800	810
LOWEST DAILY MEAN	.26	.77	.05
ANNUAL SEVEN-DAY MINIMUM	.30	.81	.07
INSTANTANEOUS PEAK FLOW		1410	1410
INSTANTANEOUS PEAK STAGE		11.66	11.66
ANNUAL RUNOFF (CFSM)	1.05	1.29	.93
ANNUAL RUNOFF (INCHES)	14.32	17.56	12.61
10 PERCENT EXCEEDS	23	29	21
50 PERCENT EXCEEDS	6.1	8.0	3.8
90 PERCENT EXCEEDS	.75	1.9	.51

EDISTO RIVER BASIN
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 current year. Occasional low-flow measurements, water years 1953 - 77.

GAGE.--Data collection platform. Elevation of gage is 360 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Oct. 12 - 15, 23 - 27, Nov. 10, 11, Jan. 12, 13, 31, Feb. 22 - 27, Mar. 2 - 7, Sept. 3, 4, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	150	104	161	1600	207	631	1640	147	74	68	70
2	17	138	102	140	410	350	339	387	520	70	102	65
3	16	130	105	133	307	1300	279	269	491	67	104	60
4	17	124	243	130	262	2100	243	222	200	66	80	59
5	21	121	312	128	237	1500	225	247	154	77	63	58
6	25	117	179	121	225	700	239	568	125	77	56	57
7	22	118	148	142	311	500	226	342	111	70	130	56
8	18	115	153	246	273	396	206	231	103	66	72	55
9	17	176	150	280	227	325	244	195	102	63	148	53
10	22	1100	132	205	198	288	333	187	92	61	109	53
11	52	700	125	370	181	252	248	179	87	66	101	50
12	750	405	120	1100	169	235	202	170	83	62	508	49
13	1800	253	116	1000	163	344	188	178	80	56	620	48
14	1400	202	118	473	209	474	181	167	79	53	259	49
15	500	176	131	304	217	334	178	161	100	49	740	49
16	256	161	123	716	168	264	180	206	114	48	397	47
17	180	154	117	901	153	235	165	1040	88	60	183	46
18	151	145	114	409	153	228	154	730	106	116	134	48
19	147	137	131	304	153	227	200	310	175	108	108	46
20	122	133	141	565	151	205	339	337	156	77	93	47
21	104	128	210	465	164	192	218	261	141	65	84	44
22	234	125	209	295	300	184	183	220	118	60	75	42
23	1700	121	173	237	1300	179	162	191	98	55	71	42
24	1400	118	188	251	1000	174	153	172	119	52	70	41
25	600	114	215	490	600	164	143	159	95	49	84	45
26	500	110	164	352	500	158	139	148	86	49	139	73
27	400	108	146	265	400	156	199	143	84	60	131	67
28	342	109	147	232	224	168	671	143	90	195	97	49
29	244	112	143	211	---	448	437	134	86	170	85	44
30	194	112	139	555	---	1900	1430	244	80	118	79	43
31	167	---	154	1700	---	2300	---	200	---	83	75	---
TOTAL	11436	5912	4752	12881	10255	16487	8735	9781	4110	2342	5065	1555
MEAN	369	197	153	416	366	532	291	316	137	75.5	163	51.8
MAX	1800	1100	312	1700	1600	2300	1430	1640	520	195	740	73
MIN	16	108	102	121	151	156	139	134	79	48	56	41
CFSM	1.60	.86	.67	1.81	1.59	2.31	1.27	1.37	.60	.33	.71	.23
IN.	1.85	.96	.77	2.08	1.66	2.67	1.41	1.58	.66	.38	.82	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1991, BY WATER YEAR (WY)

	1990	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991
MEAN	369	197	153	416	366	532	216	216	110	57.9	97.9	37.8
MAX	369	197	153	416	366	532	291	316	137	75.5	163	51.8
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991
MIN	369	197	153	416	366	532	141	116	82.3	40.2	32.5	23.8
(WY)	1991	1991	1991	1991	1991	1991	1990	1990	1990	1990	1990	1990

SUMMARY STATISTICS

FOR 1991 WATER YEAR

WATER YEARS 1990 - 1991

ANNUAL TOTAL	93311											
ANNUAL MEAN	256											
HIGHEST ANNUAL MEAN												1991
LOWEST ANNUAL MEAN												1991
HIGHEST DAILY MEAN	2300	Mar 31							2300	Mar 31		1991
LOWEST DAILY MEAN	16	Oct 3							11	Aug 21		1990
ANNUAL SEVEN-DAY MINIMUM	19	Oct 1							14	Aug 15		1990
INSTANTANEOUS PEAK FLOW	2570	Mar 31							2570	Mar 31		1991
INSTANTANEOUS PEAK STAGE	11.42	Mar 31							11.42	Mar 31		1991
ANNUAL RUNOFF (CFSM)	1.11								1.11			
ANNUAL RUNOFF (INCHES)	15.09								15.10			
10 PERCENT EXCEEDS	503								395			
50 PERCENT EXCEEDS	154								118			
90 PERCENT EXCEEDS	53								25			

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 current year.

GAGE.--Data collection platform. Elevation of gage is 390 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Nov. 13 to Dec. 6, Jan. 18 - 28, Mar. 29 to Apr. 1, 10 - 12, Aug. 30 to Sept. 3, 5 - 9, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	46	41	57	550	88	140	565	52	31	77	38
2	17	43	39	51	231	878	126	273	121	30	875	36
3	18	44	38	49	131	1650	98	92	95	30	182	34
4	18	40	40	51	109	1880	86	71	59	29	75	33
5	26	38	22	49	96	1050	81	292	48	32	54	33
6	20	37	61	46	96	426	87	663	42	37	46	32
7	18	37	50	60	149	198	85	169	40	31	70	31
8	17	37	57	71	127	160	81	92	38	29	56	29
9	18	101	52	93	101	118	82	73	37	27	60	29
10	25	847	46	68	84	97	140	69	35	27	54	28
11	123	400	42	384	73	81	100	66	35	29	77	28
12	1070	205	41	824	69	75	70	65	35	36	266	28
13	1500	66	41	547	68	285	65	79	35	29	555	27
14	1220	58	43	271	97	273	65	69	63	26	535	26
15	245	52	44	115	91	152	88	60	199	26	280	26
16	68	50	43	389	69	100	69	63	64	25	291	25
17	47	48	41	299	63	85	60	278	45	33	109	26
18	43	46	40	150	62	87	56	135	187	75	60	33
19	44	45	51	90	63	83	534	70	83	39	50	26
20	38	44	137	780	62	73	266	62	230	32	46	25
21	33	43	154	400	62	70	144	63	271	28	43	25
22	75	42	93	120	241	68	87	62	72	26	40	25
23	1450	41	69	90	1070	67	71	59	52	26	39	24
24	1360	40	76	220	766	63	64	56	70	27	38	25
25	555	39	67	700	298	61	57	53	47	25	50	97
26	413	38	55	240	153	58	54	51	42	30	89	46
27	307	37	50	140	115	57	90	97	39	30	72	34
28	167	45	52	110	96	82	379	101	38	57	53	28
29	69	50	52	96	---	900	302	62	37	166	47	25
30	56	46	54	636	---	1200	734	83	34	1000	43	25
31	50	---	58	955	---	200	---	57	---	116	40	---
TOTAL	9128	2705	1749	8151	5192	10665	4361	4050	2245	2184	4372	947
MEAN	294	90.2	56.4	263	185	344	145	131	74.8	70.5	141	31.6
MAX	1500	847	154	955	1070	1880	734	663	271	1000	875	97
MIN	17	37	22	46	62	57	54	51	34	25	38	24
CFSM	2.56	.78	.49	2.29	1.61	2.99	1.26	1.14	.65	.61	1.23	.27
IN.	2.95	.88	.57	2.64	1.68	3.45	1.41	1.31	.73	.71	1.41	.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1991, BY WATER YEAR (WY)

	1990	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991
MEAN	294	90.2	56.4	263	185	232	102	89.0	53.6	45.7	82.6	27.1
MAX	294	90.2	56.4	263	185	344	145	131	74.8	70.5	141	31.6
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991
MIN	294	90.2	56.4	263	185	120	59.0	47.3	32.4	20.9	24.1	22.7
(WY)	1991	1991	1991	1991	1991	1990	1990	1990	1990	1990	1990	1990

SUMMARY STATISTICS

FOR 1991 WATER YEAR

WATER YEARS 1990 - 1991

ANNUAL TOTAL	55749		
ANNUAL MEAN	153		
HIGHEST ANNUAL MEAN	153		1991
LOWEST ANNUAL MEAN	153		1991
HIGHEST DAILY MEAN	1880	Mar 4	1991
LOWEST DAILY MEAN	17	* Oct 2	
ANNUAL SEVEN-DAY MINIMUM	19	Oct 2	
INSTANTANEOUS PEAK FLOW	2490	Mar 29	1991
INSTANTANEOUS PEAK STAGE	14.15	Mar 29	1991
INSTANTANEOUS LOW FLOW	17	Oct 2	
ANNUAL RUNOFF (CFSM)	1.33		
ANNUAL RUNOFF (INCHES)	18.03		
10 PERCENT EXCEEDS	381		241
50 PERCENT EXCEEDS	62		50
90 PERCENT EXCEEDS	28		20

* Also occurred on Oct. 8.

** Also occurred on Aug. 1 - 2, 1990.

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.4 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi², approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--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, 358.63 ft, June 3, minimum gage height, 344.71 ft, Oct. 11.

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	61.91 ft ³
358.0 ft	66.00 ft ³
360.0 ft	70.30 ft ³

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	344.88	345.27	345.34	347.91	353.96	355.01	357.30	357.91	358.37	358.08	356.49	356.26
2	344.87	344.99	345.36	348.00	353.99	355.55	357.10	357.90	358.57	357.73	356.88	356.21
3	344.86	344.99	345.46	348.09	354.04	356.88	357.10	358.04	358.36	357.65	356.77	356.15
4	344.93	344.86	345.53	348.19	354.14	356.97	357.22	358.15	358.30	357.78	356.45	355.89
5	344.90	344.91	345.54	348.27	354.13	357.06	357.23	358.51	358.28	357.83	356.34	355.72
6	344.86	344.92	345.55	348.31	354.26	356.86	357.21	358.40	358.28	357.86	356.04	355.40
7	344.86	344.83	345.70	348.40	354.21	356.70	357.20	358.33	358.23	357.89	355.71	355.20
8	344.78	344.85	345.70	348.56	354.28	356.53	357.18	358.33	358.22	357.71	355.52	355.05
9	344.81	344.85	345.70	348.59	354.24	356.60	357.36	358.05	358.29	357.68	355.32	355.00
10	344.80	344.85	345.71	348.77	354.25	356.63	357.28	358.07	358.20	357.71	355.42	354.95
11	344.74	344.86	345.71	349.16	354.31	356.45	357.29	358.07	358.13	357.67	355.40	354.85
12	344.86	344.86	345.94	349.76	354.13	356.38	357.33	358.12	358.12	357.27	355.48	354.79
13	344.86	345.30	346.05	350.11	354.04	356.21	357.37	358.10	358.22	357.01	355.66	354.76
14	345.07	344.92	346.11	350.41	354.17	355.96	357.34	357.95	358.24	356.87	355.84	355.10
15	345.15	344.96	346.10	350.56	353.87	355.89	357.16	357.79	358.30	356.75	355.87	355.10
16	344.86	344.95	346.24	351.05	353.81	355.91	356.97	357.95	358.37	356.67	356.01	355.00
17	344.89	344.94	346.26	351.31	353.68	355.99	357.00	358.14	358.40	356.73	356.09	354.90
18	344.73	344.90	346.30	351.70	353.65	356.06	357.04	358.16	358.37	356.75	356.20	354.80
19	344.82	344.93	346.38	351.87	353.68	356.08	357.32	358.19	358.45	356.85	356.11	354.80
20	344.82	344.96	346.55	352.19	353.76	356.13	357.39	358.26	358.51	356.91	356.17	354.40
21	344.82	344.99	346.65	352.31	353.77	356.15	357.45	358.35	358.43	356.95	356.31	354.35
22	344.80	344.94	346.77	352.37	353.90	356.20	357.46	358.45	358.31	356.41	356.20	354.33
23	345.04	345.04	346.84	352.40	354.35	356.16	357.49	358.40	358.32	356.12	356.17	354.31
24	345.24	345.02	347.04	352.55	354.63	356.12	357.49	358.31	358.27	355.64	356.13	354.05
25	345.26	345.01	347.16	352.76	354.78	356.09	357.47	358.34	358.24	355.49	356.40	354.07
26	345.17	345.12	347.27	353.10	354.93	356.06	357.48	358.39	358.25	355.43	356.36	354.00
27	345.17	345.13	347.43	353.10	354.90	356.03	357.73	358.44	358.23	355.46	356.41	353.98
28	345.17	345.22	347.53	353.20	354.92	356.15	357.71	358.28	358.19	355.76	356.34	353.95
29	345.27	345.28	347.57	353.20	---	356.71	357.76	358.40	358.21	356.34	356.27	353.89
30	345.34	345.29	347.68	353.40	---	357.30	357.93	358.11	358.21	356.55	356.16	353.88
31	345.34	---	347.74	353.90	---	357.49	---	358.09	---	356.44	356.24	---
MAX	345.34	345.30	347.74	353.90	354.93	357.49	357.93	358.51	358.57	358.08	356.88	356.26
MIN	344.73	344.83	345.34	347.91	353.65	355.01	356.97	357.79	358.12	355.43	355.32	353.88
[+]	43.17	43.09	46.98	57.83	59.78	64.94	65.86	66.19	66.45	62.80	62.39	57.79
[*]	291	-30.9	1,452	4,051	806	1,927	355	123	100	-1,363	-153	-1,775

CAL YR 1990 * -418 MAX 359.21 MIN 344.73
WTR YR 1991 * 488 MAX 358.57 MIN 344.73

[+] 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, 84.94 ft, Oct. 12; minimum, 70.95 ft, Oct. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	71.51	71.43	71.47	76.82	72.19	74.17	71.72	71.60	71.66	71.74	71.68	71.71
2	71.50	71.39	71.45	81.90	72.86	76.31	71.63	71.57	71.61	71.76	71.69	71.73
3	71.51	71.38	71.45	77.25	73.19	74.78	71.60	71.54	71.58	71.76	71.70	71.74
4	74.63	71.02	71.72	76.84	72.80	74.78	71.57	71.51	71.54	71.76	71.71	71.74
5	72.24	71.15	71.36	74.57	72.03	72.60	71.64	71.52	71.58	71.76	71.73	71.74
6	73.69	70.97	71.47	74.63	72.18	73.13	71.70	71.62	71.66	71.78	71.70	71.74
7	79.26	70.95	72.53	81.19	72.10	73.61	71.68	71.61	71.65	71.72	71.68	71.70
8	---	---	71.41	74.31	72.10	72.24	71.70	71.66	71.69	71.76	71.70	71.73
9	---	---	---	74.10	72.11	72.35	71.71	71.67	71.69	71.76	71.72	71.74
10	83.11	71.84	75.58	82.59	73.19	76.70	71.73	71.63	71.69	71.78	71.72	71.75
11	83.16	74.18	77.73	76.66	72.08	73.20	71.65	71.61	71.63	71.78	71.75	71.77
12	84.94	78.00	83.30	80.09	72.29	76.05	71.74	71.64	71.68	71.76	71.71	71.75
13	84.59	79.70	84.23	79.01	73.46	75.89	71.70	71.62	71.67	71.77	71.71	71.74
14	84.05	77.12	83.08	82.13	73.49	77.78	76.21	71.62	71.91	---	---	71.77
15	84.01	74.99	82.50	82.74	73.22	76.59	71.70	71.64	71.67	71.80	71.72	71.77
16	82.80	73.92	79.83	74.29	72.07	73.06	71.68	71.62	71.65	74.68	71.59	72.42
17	82.31	72.19	75.36	75.61	71.98	72.92	72.05	71.63	71.66	75.25	71.83	73.08
18	82.86	72.09	77.05	73.90	71.86	72.51	71.68	71.62	71.65	74.77	71.84	72.81
19	75.05	71.98	72.83	71.91	71.83	71.87	74.01	71.07	71.88	74.86	71.15	72.75
20	77.82	72.22	74.14	71.90	71.81	71.86	79.29	71.06	73.24	74.78	71.48	72.51
21	78.48	71.91	73.40	71.91	71.83	71.88	71.73	71.69	71.71	75.30	71.70	73.40
22	82.87	71.74	75.59	72.13	71.25	71.95	71.70	71.62	71.67	76.19	72.02	73.65
23	83.18	73.92	80.49	72.11	72.06	72.08	71.69	71.60	71.64	76.88	72.18	74.33
24	82.92	79.73	81.58	72.09	72.06	72.07	71.69	71.58	71.62	76.86	73.93	74.79
25	82.97	79.36	81.48	72.12	72.06	72.09	71.78	71.69	71.74	75.90	73.11	74.29
26	83.00	73.18	78.36	72.11	72.06	72.07	71.78	71.73	71.76	76.98	73.30	74.80
27	82.30	73.56	77.70	78.31	71.59	72.39	71.77	71.74	71.76	76.53	72.99	74.36
28	78.85	73.72	75.87	71.66	71.51	71.56	71.78	71.74	71.76	75.33	72.99	73.79
29	81.21	73.07	75.94	71.53	71.49	71.51	71.79	71.74	71.76	75.35	73.09	74.06
30	77.88	72.98	74.51	71.63	71.50	71.59	71.74	71.66	71.72	76.24	72.66	73.90
31	76.60	73.48	74.70	---	---	---	71.68	71.62	71.65	78.36	72.93	75.54
MONTH	84.94	70.95	76.27	82.74	71.25	73.39	79.29	71.06	71.73	78.36	71.15	72.79

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.--Records good except for estimated daily discharges, Dec. 21 to Jan. 3, July 24 - 30, Aug. 11 - 20, which are fair. Flow regulated by Lake Murray (see station 02168500). City of Columbia diverted about 29 ft³/s above station for municipal supply.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	278	1940	316	325	5150	1020	11500	8880	1250	5870	2920	1080
2	250	4580	299	334	2300	1430	10900	4890	3790	9360	6380	1330
3	245	2420	288	340	2510	4850	4790	1660	9180	2240	8490	1370
4	250	2380	277	338	2310	11800	1850	597	4220	470	10100	5450
5	419	720	292	340	2040	13900	4760	3100	1130	452	4500	5800
6	187	936	316	338	1900	9180	2710	12300	1310	355	8370	8180
7	297	1810	314	327	2310	9410	2530	5060	1590	623	10100	5630
8	1540	516	324	337	1990	9530	4730	3910	1250	6600	5660	3910
9	255	603	326	341	2290	2210	2020	9650	901	505	4860	1670
10	4630	5090	326	344	2090	2550	2930	2620	1460	371	2190	1660
11	6580	1040	305	352	2060	7440	2370	1260	1240	1610	1110	2730
12	16600	4050	321	346	5170	3610	2360	1790	1020	5960	1600	2960
13	18700	3650	316	341	2860	8860	2040	2250	1190	10800	1000	1680
14	16000	6460	467	349	1570	10600	2410	5100	1710	3660	900	2370
15	14600	5170	318	351	6090	4920	6570	5890	750	1110	4600	1870
16	9920	1010	310	675	6380	2160	5420	1000	579	3370	2100	3400
17	3450	1050	314	1050	2920	1900	5430	1590	2780	2460	1700	1390
18	6400	701	309	867	1670	1730	2830	4360	3550	2770	800	1330
19	878	433	479	876	1250	1840	1750	1350	1200	621	2650	1320
20	1910	429	1680	749	1670	2100	1690	1640	4300	535	1600	1260
21	1490	432	326	1280	1130	1940	1610	2010	6300	409	993	1700
22	4090	426	315	1550	827	1690	1750	1770	4200	10600	1120	1680
23	10700	457	304	2200	843	2130	1450	5220	1630	11900	1890	959
24	12200	454	297	2590	1100	1750	1170	2350	1200	9330	1830	7520
25	12000	459	337	2040	931	1670	1800	1600	1460	5600	1900	2610
26	7800	455	342	2500	1510	1760	1040	1110	992	1280	1540	2040
27	6120	729	341	2040	3120	1940	217	2610	1410	1230	1580	1440
28	3570	283	343	1600	2580	1830	5470	6120	2150	1100	4040	1490
29	3850	268	343	1840	---	4090	8520	6700	1110	920	5290	1490
30	2030	293	329	1720	---	4640	8010	3540	1170	3350	5210	1240
31	2250	---	307	3380	---	4860	---	2780	---	5330	940	---
TOTAL	169489	49244	11481	32060	68571	139340	112627	114707	66022	110791	107963	78559
MEAN	5467	1641	370	1034	2449	4495	3754	3700	2201	3574	3483	2619
MAX	18700	6460	1680	3380	6380	13900	11500	12300	9180	11900	10100	8180
MIN	187	268	277	325	827	1020	217	597	579	355	800	959
CFSM	2.26	.68	.15	.43	1.01	1.86	1.55	1.53	.91	1.48	1.44	1.08
IN.	2.61	.76	.18	.49	1.05	2.14	1.73	1.76	1.01	1.70	1.66	1.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1991, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1989	3375	5467	1991	2279	1990
1990	1501	1768	1990	1093	1989
1991	2265	4097	1990	370	1989
1992	1323	2538	1990	396	1989
1993	3328	6816	1990	718	1989
1994	4931	6050	1990	4248	1989
1995	3277	3754	1991	2924	1990
1996	2292	3700	1991	637	1990
1997	1719	2201	1991	1186	1990
1998	3132	4067	1989	1756	1990
1999	2965	3483	1991	2217	1990
2000	3670	6501	1990	1889	1989

SUMMARY STATISTICS

	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1989 - 1991
ANNUAL TOTAL	1148515	1060854	2814
ANNUAL MEAN	3147	2906	3203
HIGHEST ANNUAL MEAN			2331
LOWEST ANNUAL MEAN			18700
HIGHEST DAILY MEAN	18700	Oct 13	18700
LOWEST DAILY MEAN	166	Jul 22	155
ANNUAL SEVEN-DAY MINIMUM	248	Jun 24	168
INSTANTANEOUS PEAK FLOW			20600
INSTANTANEOUS PEAK STAGE			15.29
ANNUAL RUNOFF (CFSM)	1.30		1.20
ANNUAL RUNOFF (INCHES)	17.65		16.31
10 PERCENT EXCEEDS	9180		7000
50 PERCENT EXCEEDS	1420		1750
90 PERCENT EXCEEDS	300		332

* Also occurred on Sept. 25, 29, 1989.

** Caused by backwater from spillway floodgates.

SANTÉE 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.

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, 25.0 °C, Oct. 9, 10, Sept. 21, 1991; minimum, 6.5 °C, many days during February and March, 1985.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 25, 1989; minimum, 0.1 mg/L, many days, many years.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.0 °C, Oct. 9, 10; minimum, 8.5°C, Feb. 9, 13.

DISSOLVED OXYGEN: Maximum, 10.8 mg/L, Feb. 20, Apr. 27; minimum, 0.1 mg/L, Oct. 12, 24, 25, Aug. 29, 30.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.0	18.5	19.5	21.5	15.0	19.5	17.5	16.5	17.0	---	---	---
2	21.0	18.5	20.0	20.5	19.0	20.0	18.0	15.5	17.0	---	---	---
3	21.0	17.5	19.5	19.5	16.5	19.0	17.5	17.0	17.0	---	---	---
4	21.0	18.5	20.0	19.0	17.0	18.5	17.5	15.5	17.0	14.5	13.5	14.0
5	22.0	17.5	19.5	20.5	18.0	19.0	17.5	16.0	16.5	14.0	13.5	14.0
6	22.5	18.0	20.0	20.0	17.0	18.5	17.5	16.0	16.5	14.5	13.5	14.0
7	22.0	18.0	20.0	20.0	18.5	19.0	17.0	16.5	16.5	14.0	13.0	13.5
8	24.0	17.5	20.5	19.5	18.5	19.0	17.5	16.5	17.0	13.5	13.0	13.5
9	25.0	18.5	20.5	19.0	18.5	19.0	17.5	15.0	16.0	13.5	13.0	13.5
10	19.0	17.5	18.5	19.0	18.0	18.5	17.5	16.0	16.5	13.5	13.0	13.0
11	21.5	18.0	19.0	20.0	17.0	18.5	17.0	15.0	16.0	13.0	12.5	13.0
12	20.5	18.5	19.0	19.0	17.0	18.0	16.5	15.0	16.0	14.0	12.5	13.0
13	20.0	19.0	19.0	19.5	17.5	18.0	17.0	15.5	16.0	14.5	12.5	13.0
14	22.5	18.0	19.0	19.0	18.0	18.0	16.5	15.5	16.5	14.0	12.5	13.0
15	22.5	17.0	19.5	18.5	16.0	18.0	16.5	15.0	16.0	13.5	13.0	13.0
16	22.5	18.0	19.5	---	---	---	16.5	14.0	15.0	13.5	12.0	12.5
17	21.5	18.5	19.5	---	---	---	16.5	15.5	16.0	13.5	11.5	12.0
18	21.5	19.0	19.5	---	---	---	16.0	15.0	15.5	13.5	12.0	12.5
19	20.0	18.0	19.0	---	---	---	---	---	---	13.0	11.5	12.5
20	20.0	18.0	19.0	---	---	---	---	---	---	13.5	11.5	12.5
21	20.0	17.5	18.5	17.0	15.0	16.0	---	---	---	12.5	11.5	12.0
22	19.5	17.5	19.0	16.5	14.0	15.5	---	---	---	12.0	11.5	11.5
23	21.0	17.0	19.0	17.0	13.5	15.5	---	---	---	11.5	11.5	11.5
24	22.0	16.5	19.5	17.0	14.5	16.0	---	---	---	11.5	11.0	11.5
25	21.0	18.5	20.0	16.5	14.0	15.5	---	---	---	11.5	11.0	11.0
26	21.0	18.5	20.5	17.0	14.5	16.0	---	---	---	11.5	10.5	11.0
27	21.0	19.0	20.5	17.0	13.5	15.5	---	---	---	11.5	10.5	11.0
28	21.0	19.0	20.5	18.0	14.0	16.0	---	---	---	11.0	10.5	10.5
29	21.0	20.5	20.5	17.5	16.0	16.5	---	---	---	10.5	10.5	10.5
30	21.0	19.0	20.5	18.0	16.0	17.0	---	---	---	10.5	10.0	10.5
31	21.5	19.5	20.5	---	---	---	---	---	---	11.0	10.0	10.0
MONTH	25.0	16.5	19.5	21.5	13.5	17.5	18.0	14.0	16.5	14.5	10.0	12.5

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--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	11.0	9.5	10.0	11.5	11.0	11.5	13.0	12.0	12.5
2	10.5	10.0	10.0	11.0	9.5	10.0	12.0	11.0	11.5	13.5	12.0	12.5
3	10.0	9.5	10.0	10.5	9.5	10.0	11.5	11.0	11.5	13.0	12.0	12.5
4	10.0	9.5	9.5	10.5	10.0	10.0	11.5	11.0	11.5	13.5	12.5	13.0
5	10.0	9.5	9.5	10.5	10.0	10.0	12.0	11.5	11.5	13.5	12.5	12.5
6	9.5	9.5	9.5	11.0	10.0	10.5	11.5	11.0	11.5	13.0	12.5	13.0
7	9.5	9.0	9.5	10.5	10.0	10.5	11.5	11.0	11.5	13.5	12.5	12.5
8	9.5	9.0	9.5	10.5	10.0	10.5	12.0	11.5	11.5	13.0	12.5	12.5
9	9.5	8.5	9.0	10.5	10.0	10.5	13.5	11.5	12.0	13.0	12.5	13.0
10	9.5	9.0	9.0	11.0	10.0	10.5	12.5	11.5	12.0	13.0	12.5	13.0
11	9.5	9.0	9.0	11.0	10.0	10.5	12.5	11.5	12.0	14.0	12.5	13.0
12	10.0	9.0	9.5	10.5	10.0	10.5	12.0	11.5	11.5	13.5	12.5	13.0
13	10.0	8.5	9.0	11.0	10.5	10.5	12.0	11.5	11.5	13.5	12.5	13.0
14	10.0	9.0	9.5	11.0	10.5	11.0	12.5	11.5	11.5	13.5	12.5	13.0
15	11.0	9.5	10.5	11.5	10.5	11.0	12.5	11.5	12.0	14.0	13.0	13.0
16	11.0	10.0	10.0	11.0	10.5	10.5	12.0	11.5	12.0	13.5	13.0	13.5
17	10.5	10.0	10.0	11.0	10.5	10.5	12.5	11.5	12.0	14.5	13.0	13.5
18	10.5	10.0	10.0	12.0	10.5	11.0	12.0	11.5	12.0	14.0	13.0	13.5
19	11.0	9.5	10.0	12.0	10.5	11.0	12.0	11.5	12.0	13.5	13.0	13.5
20	11.5	9.5	10.0	11.5	10.5	11.0	12.5	11.5	12.0	13.5	13.0	13.0
21	10.5	9.5	10.0	11.5	10.5	11.0	12.5	11.5	12.0	13.5	13.0	13.0
22	11.0	9.5	10.5	12.0	10.5	11.0	12.5	12.0	12.0	14.0	13.0	13.0
23	11.0	9.5	10.0	11.5	11.0	11.0	13.5	12.0	12.5	13.5	13.0	13.0
24	10.5	9.5	10.0	11.5	11.0	11.0	14.0	12.0	12.5	13.5	13.0	13.0
25	10.5	9.5	10.0	11.5	11.0	11.0	13.5	12.0	12.5	14.0	13.0	13.5
26	10.5	9.5	10.0	11.5	11.0	11.0	13.5	12.0	12.5	14.5	13.0	13.5
27	11.0	9.5	10.0	11.5	11.0	11.0	17.0	13.0	15.5	14.0	13.0	13.5
28	10.5	9.5	10.0	11.5	11.0	11.0	12.5	12.0	12.0	14.0	13.5	13.5
29	---	---	---	11.5	11.0	11.0	13.0	12.0	12.5	14.0	13.5	13.5
30	---	---	---	11.5	11.0	11.5	13.5	12.0	12.5	14.5	13.5	13.5
31	---	---	---	12.0	11.0	11.0	---	---	---	14.5	13.5	13.5
MONTH	11.5	8.5	10.0	12.0	9.5	10.5	17.0	11.0	12.0	14.5	12.0	13.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	16.0	14.5	15.0	16.0	15.5	15.5	19.0	17.5	18.0
2	---	---	---	15.5	14.5	14.5	16.5	15.5	16.0	18.5	17.5	17.5
3	---	---	---	15.0	14.5	14.5	17.0	16.0	16.0	21.0	17.5	19.0
4	---	---	---	18.0	15.0	16.0	17.0	16.0	16.0	19.0	18.0	18.0
5	---	---	---	17.5	14.5	16.0	17.5	16.0	16.5	20.0	18.0	18.0
6	---	---	---	18.0	15.0	16.5	17.5	16.0	16.5	19.0	18.0	18.5
7	---	---	---	17.0	14.5	15.5	18.0	16.0	16.5	19.0	18.0	18.5
8	---	---	---	16.5	14.5	15.0	17.5	16.0	16.5	19.0	18.0	18.5
9	---	---	---	17.5	15.0	16.5	16.5	16.0	16.5	19.5	18.0	18.5
10	---	---	---	18.0	15.5	16.5	17.0	16.5	16.5	19.5	18.0	19.0
11	14.5	14.0	14.0	18.0	14.5	16.0	17.5	16.0	16.5	20.0	18.0	19.0
12	14.5	14.0	14.0	16.0	14.5	15.0	17.5	16.5	16.5	19.5	18.0	18.5
13	14.5	14.0	14.0	16.5	15.0	15.0	17.0	16.5	16.5	21.0	18.5	19.5
14	14.5	14.0	14.0	15.0	15.0	15.0	17.5	16.5	17.0	20.0	18.0	19.0
15	16.0	14.0	14.5	17.5	15.0	15.5	17.5	16.5	16.5	22.5	18.5	19.5
16	16.0	14.5	15.0	16.0	15.0	15.0	18.0	16.5	17.0	21.0	18.5	19.0
17	15.5	14.0	14.5	16.0	15.0	15.5	17.5	16.5	17.0	22.0	18.5	20.5
18	17.5	14.0	14.5	16.5	15.0	16.0	18.0	16.5	17.0	21.5	18.5	20.5
19	15.5	14.0	14.5	17.5	15.0	16.0	18.0	16.5	17.0	21.5	19.0	20.5
20	15.5	14.0	14.5	18.5	15.5	16.5	19.5	16.5	17.5	21.5	18.5	20.0
21	16.0	14.0	14.5	18.0	15.5	17.0	19.0	17.0	17.5	25.0	18.5	20.5
22	14.5	14.0	14.5	16.0	15.0	15.5	19.0	17.0	17.5	20.5	19.5	20.0
23	15.0	14.0	14.5	17.0	15.0	16.0	17.5	17.0	17.0	23.5	19.0	21.5
24	15.0	14.0	14.5	17.0	15.5	16.0	17.5	17.0	17.0	21.5	18.5	20.0
25	15.0	14.0	14.5	---	---	---	17.5	17.0	17.0	20.0	18.5	19.5
26	15.5	14.0	14.5	---	---	---	18.5	17.0	17.5	20.5	19.0	19.5
27	15.5	14.5	14.5	---	---	---	18.0	17.0	17.5	21.5	19.5	20.5
28	14.5	14.0	14.5	---	---	---	17.5	17.0	17.0	21.5	19.5	20.5
29	15.0	14.5	14.5	---	---	---	18.5	17.0	17.5	21.5	19.5	20.5
30	17.5	14.5	15.0	---	---	---	18.5	17.0	17.5	22.0	19.5	21.0
31	---	---	---	17.0	15.5	16.0	19.5	17.5	18.0	---	---	---
MONTH	17.5	14.0	14.5	18.5	14.5	15.5	19.5	15.5	17.0	25.0	17.5	19.5
YEAR	25.0	8.5	15.0									

SANTEE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.1	.6	.8	6.9	5.3	5.9	6.9	6.0	6.4	---	---	---
2	1.5	.8	1.0	6.1	4.9	5.3	7.6	6.2	6.6	---	---	---
3	1.4	.7	.9	5.2	4.7	4.9	6.9	6.5	6.6	---	---	---
4	1.4	.8	1.0	5.0	4.6	4.8	8.3	6.5	7.2	9.6	9.0	9.2
5	3.2	.8	1.3	5.1	4.6	4.8	7.9	6.5	6.9	9.5	9.0	9.2
6	2.5	1.1	1.4	5.2	4.7	4.8	7.4	6.3	6.7	9.5	8.7	9.0
7	2.0	.7	1.2	5.3	4.4	4.9	6.5	6.2	6.4	9.1	8.6	8.8
8	3.0	.6	1.1	5.7	4.5	5.1	7.6	6.2	6.7	9.0	8.6	8.7
9	3.5	.8	1.4	5.2	4.3	4.7	8.1	6.5	7.2	9.1	8.6	8.8
10	2.0	.5	.9	4.5	3.7	4.0	10.1	7.6	8.8	9.0	8.5	8.7
11	3.2	.6	1.3	5.2	4.0	4.5	10.3	8.7	9.2	8.8	8.5	8.6
12	2.0	.1	.7	5.1	4.1	4.5	10.4	8.7	9.3	9.3	8.5	8.8
13	2.3	.3	.8	5.7	4.3	5.1	10.7	8.7	9.5	10.0	9.0	9.5
14	3.7	.7	1.1	6.4	4.3	5.4	10.7	9.1	9.3	9.9	9.2	9.5
15	4.1	.7	1.3	7.0	6.1	6.5	10.0	9.3	9.5	9.9	9.2	9.5
16	4.3	.7	1.1	---	---	---	9.8	8.9	9.3	9.7	9.3	9.4
17	2.1	.8	1.0	---	---	---	9.5	8.8	9.0	10.3	9.3	9.6
18	3.2	.5	1.0	---	---	---	9.5	8.6	8.9	10.2	9.3	9.5
19	1.6	.7	1.0	---	---	---	9.7	8.5	8.9	9.6	9.1	9.4
20	1.8	.3	1.0	---	---	---	---	---	---	10.1	9.2	9.5
21	.8	.3	.6	---	---	---	---	---	---	10.0	9.4	9.6
22	.9	.3	.5	7.1	6.0	6.5	---	---	---	9.9	9.3	9.7
23	2.1	.3	.8	6.9	6.5	6.7	---	---	---	9.8	9.5	9.6
24	2.9	.1	.8	6.9	6.4	6.6	---	---	---	9.8	9.6	9.7
25	3.1	.1	1.3	6.9	6.2	6.5	---	---	---	10.1	9.6	9.8
26	3.7	.3	1.9	6.7	6.2	6.4	---	---	---	10.0	9.7	9.8
27	3.4	.4	1.6	6.5	5.4	6.2	---	---	---	10.1	9.8	9.9
28	4.6	.5	3.0	6.9	6.0	6.5	---	---	---	10.1	9.8	9.9
29	5.8	2.8	4.2	7.4	6.3	6.8	---	---	---	10.0	9.9	10.0
30	5.9	3.5	4.8	7.3	6.4	6.7	---	---	---	10.0	9.9	9.9
31	7.3	5.2	5.9	---	---	---	---	---	---	10.2	9.9	10.0
MONTH	7.3	.1	1.5	7.4	3.7	5.6	10.7	6.0	8.0	10.3	8.5	9.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.2	9.9	10.1	10.5	9.6	10.0	---	---	---	8.7	8.2	8.5
2	10.0	9.6	9.9	10.4	9.9	10.1	---	---	---	8.6	8.1	8.4
3	9.9	9.6	9.7	10.4	9.9	10.1	---	---	---	8.7	7.9	8.3
4	9.8	9.4	9.6	10.6	10.1	10.3	---	---	---	8.8	7.7	8.1
5	9.6	9.3	9.5	10.7	10.0	10.3	---	---	---	8.6	7.8	8.2
6	9.4	9.2	9.3	10.5	9.8	10.2	---	---	---	8.4	7.9	8.2
7	9.4	9.1	9.3	10.3	9.9	10.2	---	---	---	8.3	7.8	7.9
8	9.5	9.0	9.2	10.4	9.9	10.2	---	---	---	8.3	7.7	7.9
9	9.4	9.1	9.2	10.3	9.9	10.1	---	---	---	7.9	7.4	7.8
10	9.3	9.0	9.2	10.3	9.9	10.1	---	---	---	7.9	7.2	7.6
11	9.3	9.0	9.2	10.4	9.8	10.2	---	---	---	8.4	7.1	7.8
12	9.6	9.1	9.3	10.2	9.8	10.1	---	---	---	7.9	7.3	7.6
13	9.6	9.0	9.2	10.4	10.0	10.2	---	---	---	7.9	7.1	7.4
14	9.5	8.9	9.2	10.5	9.9	10.3	---	---	---	7.7	6.8	7.4
15	10.6	9.5	10.3	10.4	10.0	10.2	---	---	---	7.7	6.9	7.2
16	10.7	10.3	10.5	10.2	9.7	10.0	10.0	9.4	9.7	7.7	6.6	7.1
17	10.6	10.4	10.5	10.1	9.6	9.9	10.0	9.4	9.6	8.0	6.5	7.2
18	10.5	10.2	10.4	10.2	9.4	9.8	9.8	9.1	9.6	7.5	6.5	6.8
19	10.5	9.8	10.3	10.2	9.7	10.0	9.5	9.0	9.3	7.4	6.5	6.8
20	10.8	10.1	10.4	10.1	9.7	9.9	9.8	9.2	9.4	6.9	6.2	6.6
21	---	---	---	10.0	9.5	9.9	9.9	9.1	9.4	7.0	6.1	6.5
22	---	---	---	10.3	9.5	9.9	10.1	9.0	9.4	7.5	6.4	6.7
23	---	---	---	10.1	9.5	9.8	10.4	8.9	9.4	6.7	6.1	6.5
24	---	---	---	10.2	9.7	9.9	10.5	8.4	9.4	6.8	5.9	6.3
25	---	---	---	10.3	9.4	9.8	9.7	8.0	9.0	7.3	5.9	6.3
26	10.4	9.9	10.2	10.5	9.5	9.8	10.0	8.3	9.0	7.0	5.6	6.1
27	10.4	9.7	10.1	10.1	9.2	9.7	10.8	7.2	8.6	6.5	5.7	6.0
28	10.5	9.5	10.1	9.9	9.1	9.6	9.3	8.7	9.0	6.4	5.4	5.9
29	---	---	---	9.8	9.5	9.6	9.1	8.7	8.8	6.3	5.6	5.9
30	---	---	---	---	---	---	9.0	8.4	8.7	6.2	5.4	5.6
31	---	---	---	---	---	---	---	---	---	6.5	5.2	5.6
MONTH	10.8	8.9	9.8	10.7	9.1	10.0	10.8	7.2	9.2	8.8	5.2	7.1

SANTEE RIVER BASIN
02169000 SALUDA RIVER NEAR COLUMBIA, SC

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

DRAINAGE AREA.--2,520 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Datum of gage is 149.46 ft above 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, Feb. 2, 4 - 7, June 18 - 20, Aug 8, 9, 28, 29, which are poor. Flow regulated by Lake Murray (see sta 02168500).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	331	2210	418	438	6160	1150	11500	7080	2010	6090	3590	1200
2	312	4740	423	453	2900	1850	11300	5780	4870	9360	8000	1610
3	296	2770	411	449	2730	5440	5840	2040	9620	3200	9170	1410
4	337	2820	401	451	2900	12600	2080	957	5170	1880	9980	5340
5	434	823	391	451	2300	14400	5200	3080	1660	1120	5290	6070
6	311	1040	410	451	2200	9430	3230	14100	1420	736	8630	8220
7	354	1970	420	445	2900	10100	3030	5880	2240	988	9830	5880
8	1390	607	447	449	2430	9330	5450	4470	1660	6650	6600	4430
9	471	677	441	451	2410	3400	2750	9620	1300	1120	5700	1980
10	3840	5170	438	452	2460	2630	3370	3560	1880	628	2830	1860
11	7700	1600	431	603	2300	7860	2950	1610	1700	1640	1550	2710
12	17500	3920	428	614	5140	4250	2820	2580	1310	6570	1980	3350
13	19300	4640	426	536	3650	9030	2360	2990	1500	10600	1330	2010
14	15700	6450	634	515	1810	10800	2970	5350	2180	5040	1200	2600
15	15300	5780	427	488	6250	5840	6870	6210	1180	1770	4810	2070
16	9970	1210	425	799	6940	2660	5770	1660	893	3980	2510	3710
17	4170	1090	420	1140	3560	2220	5680	1880	3030	3130	1880	1580
18	6480	909	416	1050	1970	2040	3650	4730	4100	3530	1290	1520
19	1070	535	629	1090	1510	2060	2200	1930	1700	1350	3580	1430
20	1870	526	1880	1190	1820	2570	1910	2190	5200	1060	1920	1270
21	1700	525	536	1500	1340	2320	1960	2320	6940	751	1060	1850
22	4320	513	467	1760	960	1830	2070	2140	4660	9560	1460	1860
23	12200	554	444	2410	1110	2540	1790	5650	2390	12300	1860	1170
24	12600	554	429	3020	1360	2120	1520	2930	1740	10200	2300	6800
25	12100	554	441	2670	1190	2020	1940	1950	1780	7240	2730	3360
26	8820	551	451	2730	1640	2020	1450	1460	1490	2510	2130	2250
27	6210	837	464	2470	3380	2410	1100	3170	1600	1960	1870	1690
28	4270	487	466	1970	2920	2100	5950	6140	2760	1920	4500	1590
29	4010	399	459	2140	---	4450	8990	7020	1560	1520	5600	1630
30	2550	393	449	2420	---	6500	8360	4150	1480	4100	5530	1440
31	2380	---	455	4100	---	5860	---	3120	---	5600	1200	---
TOTAL	178296	54854	15377	39705	78240	153830	126060	127747	81023	128103	121910	83890
MEAN	5751	1828	496	1281	2794	4962	4202	4121	2701	4132	3933	2796
MAX	19300	6450	1880	4100	6940	14400	11500	14100	9620	12300	9980	8220
MIN	296	393	391	438	960	1150	1100	957	893	628	1060	1170
CFSM	2.28	.73	.20	.51	1.11	1.97	1.67	1.64	1.07	1.64	1.56	1.11
IN.	2.63	.81	.23	.59	1.15	2.27	1.86	1.89	1.20	1.89	1.80	1.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 1991, BY WATER YEAR (WY)

	MEAN	2964	2538	2534	2935	3161	3232	3126	2315	2571	2727	3051	2934
MAX	20230	6552	7006	9255	8657	18450	20450	7823	8300	5276	14400	8937	
(WY)	1930	1986	1977	1982	1960	1929	1936	1929	1965	1937	1928	1928	
MIN	124	94.5	350	462	248	155	196	60.3	50.2	49.8	43.3	66.4	
(WY)	1931	1931	1956	1989	1940	1938	1930	1930	1930	1930	1930	1930	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1925 - 1991

ANNUAL TOTAL	1207922	1189035	2842
ANNUAL MEAN	3309	3258	5431
HIGHEST ANNUAL MEAN			815
LOWEST ANNUAL MEAN			1988
HIGHEST DAILY MEAN	21100	Feb 22	19300
LOWEST DAILY MEAN	222	Jun 30	296
ANNUAL SEVEN-DAY MINIMUM	336	Sep 30	339
INSTANTANEOUS PEAK FLOW			23300
INSTANTANEOUS PEAK STAGE			8.81
INSTANTANEOUS LOW FLOW			171
ANNUAL RUNOFF (CFSM)	1.31	1.29	1.13
ANNUAL RUNOFF (INCHES)	17.83	17.55	15.32

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, 25.0°C, July 5; minimum, 9.5°C, many days in Feb.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Mar. 26; minimum, 2.7 mg/L, Aug. 8.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.0	20.5	21.0	21.0	19.5	20.5	15.5	14.0	14.5	15.5	13.0	14.0
2	22.5	21.5	22.0	20.5	19.0	20.0	16.0	15.0	15.5	13.0	12.5	12.5
3	22.5	22.0	22.5	20.5	19.0	20.0	17.0	16.0	16.5	13.0	13.0	13.0
4	23.0	22.5	22.5	20.0	18.5	19.5	17.0	16.5	17.0	13.5	13.0	13.0
5	23.0	22.5	23.0	19.5	18.5	19.0	16.0	14.5	15.0	13.5	13.0	13.0
6	22.5	21.0	21.5	19.5	19.0	19.5	14.0	13.0	13.5	14.0	13.0	13.5
7	22.5	21.0	21.5	20.0	18.0	19.0	13.5	13.0	13.5	15.0	14.0	14.5
8	23.5	19.0	22.0	19.0	17.5	18.5	14.0	13.5	14.0	14.5	12.5	13.5
9	20.5	19.0	19.5	17.5	16.5	17.0	14.0	13.5	14.0	12.5	12.0	12.0
10	21.5	19.0	20.5	19.0	16.0	17.5	14.0	13.0	13.5	12.0	12.0	12.0
11	21.5	20.0	20.5	18.5	17.5	18.0	14.0	13.5	14.0	12.0	12.0	12.0
12	21.5	20.0	20.5	19.0	17.0	18.0	14.5	13.5	14.0	12.0	12.0	12.0
13	21.0	21.0	21.0	19.0	18.0	18.5	15.0	14.0	14.5	12.0	11.0	11.5
14	22.0	21.0	21.5	19.0	17.5	18.5	15.5	15.0	15.5	11.5	10.5	11.0
15	22.5	21.0	21.5	18.5	18.0	18.0	15.0	14.5	14.5	12.0	11.0	11.5
16	22.5	20.0	21.5	18.0	17.0	17.5	15.0	14.0	14.5	14.0	12.0	13.0
17	22.0	20.0	21.5	18.0	17.0	17.5	15.0	15.0	15.0	13.0	12.0	12.5
18	22.0	20.5	21.5	17.0	16.0	16.0	16.0	15.0	15.5	12.5	11.5	12.0
19	20.5	19.5	20.0	16.0	15.5	15.5	17.0	16.0	16.0	12.5	11.5	11.5
20	20.0	18.0	19.0	16.0	15.0	15.5	15.5	14.0	14.5	12.0	11.0	11.5
21	20.5	19.5	20.0	16.5	15.5	16.0	14.0	13.5	13.5	12.0	11.5	11.5
22	21.0	19.5	20.0	16.0	15.5	16.0	15.5	13.5	14.5	12.0	10.5	11.5
23	21.5	20.0	21.0	16.5	16.0	16.0	17.0	15.5	16.0	12.0	10.5	11.0
24	22.0	21.0	21.5	16.5	16.0	16.0	17.0	15.0	16.0	11.0	10.0	11.0
25	22.0	21.0	21.5	16.5	15.5	16.0	14.5	12.0	13.0	11.0	10.5	11.0
26	21.5	20.0	21.0	16.5	15.5	16.0	12.0	11.5	12.0	11.5	10.0	10.5
27	21.5	19.0	20.0	17.0	15.5	16.0	12.0	11.5	12.0	11.5	10.0	11.0
28	21.5	19.5	20.5	17.5	17.0	17.0	12.0	11.5	11.5	12.0	11.0	11.0
29	21.0	20.0	20.5	18.0	17.5	17.5	13.5	12.0	12.5	11.5	11.0	11.5
30	21.0	20.0	20.5	17.5	15.5	16.5	15.0	13.5	14.0	11.5	11.0	11.5
31	21.0	19.5	20.5	---	---	---	16.0	15.0	15.5	11.5	10.5	11.5
MONTH	23.5	18.0	21.0	21.0	15.0	17.5	17.0	11.5	14.5	15.5	10.0	12.0

SANTEE RIVER BASIN

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.7	7.4	7.9	8.5	7.6	8.1	9.3	8.6	8.8	9.5	8.7	9.1
2	8.7	7.5	8.1	7.7	6.8	7.3	8.9	8.4	8.7	10.4	9.2	9.6
3	8.6	7.5	8.1	7.3	6.7	7.1	8.5	7.9	8.2	10.0	9.3	9.7
4	8.5	7.4	8.0	7.1	6.6	6.8	8.4	7.6	8.0	10.1	9.2	9.6
5	8.4	6.9	7.6	7.7	6.7	7.2	9.1	8.1	8.5	10.2	9.2	9.6
6	7.6	6.7	7.1	7.6	7.1	7.3	9.2	8.5	8.8	10.3	9.3	9.7
7	8.7	7.4	8.0	7.4	6.2	7.0	9.0	8.5	8.8	9.9	9.0	9.3
8	8.2	4.3	7.1	8.1	6.9	7.5	9.2	8.4	8.7	9.3	8.7	8.9
9	6.4	4.5	5.3	8.1	7.5	7.8	9.6	8.5	8.9	9.9	9.0	9.3
10	7.6	3.9	6.2	8.2	5.7	7.1	9.7	8.8	9.2	9.8	9.2	9.5
11	6.0	4.3	5.2	7.4	6.7	7.1	10.0	8.8	9.3	9.5	9.0	9.2
12	5.1	4.1	4.7	7.9	6.2	7.2	10.2	9.2	9.6	9.6	8.9	9.2
13	4.7	4.5	4.6	7.4	6.8	7.2	10.3	9.2	9.7	10.2	9.0	9.5
14	5.5	4.4	4.8	7.6	6.8	7.2	9.8	8.8	9.2	10.5	9.5	9.9
15	5.8	4.4	4.7	7.9	7.4	7.6	9.8	8.8	9.2	10.4	9.7	10.0
16	5.8	3.8	4.8	9.1	8.0	8.4	9.9	9.1	9.5	10.0	9.2	9.4
17	5.7	4.1	4.9	9.0	8.0	8.3	9.8	9.0	9.4	10.3	9.1	9.6
18	5.6	3.8	4.8	8.9	8.0	8.3	9.9	8.9	9.4	10.2	9.2	9.6
19	6.0	4.5	5.2	8.9	8.1	8.4	9.5	8.6	9.0	9.6	9.1	9.3
20	6.0	3.9	5.4	9.0	8.3	8.6	8.8	8.4	8.6	9.6	9.1	9.3
21	5.7	3.9	4.8	8.8	8.2	8.4	9.1	8.6	8.8	10.1	9.0	9.5
22	5.3	4.0	4.7	8.8	8.1	8.3	9.3	8.7	9.0	10.1	9.2	9.6
23	6.1	3.8	5.1	8.6	7.9	8.2	9.3	8.6	8.9	9.8	9.3	9.4
24	5.5	4.4	4.9	8.9	8.1	8.4	9.4	8.3	8.8	9.7	9.2	9.4
25	5.6	4.5	5.0	8.9	8.1	8.4	10.3	9.0	9.5	10.3	9.5	9.9
26	6.6	5.6	6.1	8.9	8.1	8.4	10.3	9.7	10.0	10.3	9.5	9.9
27	6.0	4.8	5.4	8.8	7.9	8.3	10.0	9.4	9.6	10.4	9.5	9.9
28	6.5	5.3	6.1	8.0	7.5	7.7	9.9	9.2	9.5	10.2	9.4	9.7
29	7.0	6.4	6.7	8.2	7.4	7.7	9.8	9.2	9.5	9.8	9.3	9.5
30	7.3	6.8	7.0	8.9	7.8	8.2	9.6	8.8	9.2	9.4	9.3	9.3
31	8.5	7.2	7.8	---	---	---	9.4	8.5	8.9	9.8	9.2	9.5
MONTH	8.7	3.8	6.0	9.1	5.7	7.8	10.3	7.6	9.1	10.5	8.7	9.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	11.6	10.4	10.9	10.7	9.9	10.1	9.4	8.5	8.8
2	---	---	---	10.6	10.0	10.3	10.7	9.7	10.0	9.3	8.5	8.8
3	10.1	9.5	9.8	10.5	9.7	10.2	10.5	9.8	10.1	10.1	8.6	9.3
4	9.9	9.5	9.7	10.7	10.3	10.5	11.1	9.7	10.3	9.7	8.7	9.1
5	---	---	---	11.7	10.5	10.6	10.8	9.8	10.0	9.7	8.1	9.1
6	---	---	---	10.6	10.2	10.4	10.9	9.8	10.3	8.3	8.0	8.1
7	---	---	---	10.7	10.2	10.5	10.7	9.8	10.2	9.3	8.0	8.4
8	9.8	9.5	9.6	10.5	10.2	10.4	10.5	9.5	9.9	9.6	8.2	8.6
9	11.3	9.4	9.9	11.6	10.3	10.7	10.5	9.4	9.9	8.9	7.8	8.2
10	10.4	9.4	9.8	11.2	10.3	10.7	10.8	9.6	10.1	8.9	8.0	8.5
11	10.9	9.4	9.9	10.8	10.4	10.6	11.1	9.7	10.3	9.9	8.5	9.2
12	10.3	9.6	9.8	11.2	10.4	10.7	10.6	9.6	10.0	9.3	8.1	8.7
13	10.4	9.5	9.8	10.6	10.3	10.5	10.6	9.6	10.0	8.8	7.8	8.3
14	10.5	9.6	9.9	10.7	10.2	10.5	10.4	9.4	9.8	9.2	7.6	8.3
15	10.5	9.6	10.2	11.0	10.3	10.7	9.9	9.3	9.5	9.3	7.4	8.1
16	11.1	10.4	10.7	11.2	10.4	10.7	10.6	9.3	9.7	9.7	7.6	8.6
17	11.6	10.6	10.8	11.0	10.3	10.6	10.7	9.2	9.7	9.1	7.8	8.5
18	11.5	10.5	10.9	11.2	10.2	10.6	10.5	9.3	9.8	9.4	7.4	8.0
19	11.5	10.4	10.9	11.3	10.0	10.7	9.8	9.3	9.5	8.5	7.6	8.0
20	11.7	10.4	10.9	11.6	10.2	10.7	10.7	9.3	9.9	8.7	8.0	8.3
21	11.7	10.4	11.0	11.6	10.1	10.7	10.5	9.2	9.8	9.0	8.1	8.4
22	11.0	10.1	10.6	11.6	10.0	10.7	11.1	9.3	10.0	9.1	7.8	8.4
23	10.4	9.9	10.1	11.2	10.0	10.5	11.0	9.2	10.0	8.9	7.2	7.9
24	11.5	10.2	10.7	12.0	10.0	10.7	11.0	9.1	10.0	8.5	7.6	8.1
25	11.7	10.4	11.0	11.8	10.0	10.8	10.7	9.3	10.0	9.9	7.8	8.7
26	11.3	10.2	10.7	12.4	10.0	10.9	10.8	9.0	9.8	10.0	7.8	8.8
27	12.3	10.3	10.8	11.5	9.8	10.5	9.6	8.1	9.0	8.7	7.6	8.0
28	11.7	10.4	10.9	10.7	9.7	10.2	9.4	8.0	8.6	8.3	6.8	7.6
29	---	---	---	10.5	9.2	9.9	9.3	8.6	8.8	9.1	6.7	7.6
30	---	---	---	10.5	9.7	10.0	9.2	8.6	8.7	8.7	7.0	7.6
31	---	---	---	10.5	9.9	10.2	---	---	---	9.9	7.3	8.0
MONTH	12.3	9.4	10.4	12.4	9.2	10.5	11.1	8.0	9.8	10.1	6.7	8.4

SANTEE RIVER BASIN

02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.--Lat 33°59'35'', long 81°03'00'', Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 mi², approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 113.02 ft above 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 71 ft³/s above station for municipal supply.

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1450	8540	4520	6400	19600	7090	52800	32300	9630	8240	16100	6370
2	2550	9970	4540	6180	11500	10100	33800	25800	12200	10700	21300	7290
3	2330	7850	4640	6490	12400	28500	17500	12200	16500	5790	20000	5090
4	1680	7480	5140	5600	10100	61000	11600	8410	13500	5640	16300	6360
5	1780	5760	5220	6410	8310	61800	12900	9050	8150	5510	12500	8980
6	1580	5080	6120	6440	7640	29200	11100	26700	5970	5020	11000	11400
7	2810	5280	6130	6400	6470	22900	12300	18600	7520	5270	12800	8480
8	4550	3930	6180	7430	6820	17400	12800	15200	5480	9500	12000	7550
9	4340	4260	6350	11300	9130	15700	13900	17300	5310	5120	8250	5690
10	6180	13500	4630	10700	10000	10400	18800	12100	5900	3170	7090	4460
11	13200	24300	4900	10300	8170	14700	13900	9390	5920	4770	6020	5640
12	25100	15900	4750	24000	10300	10700	10500	8110	5570	8790	6600	5080
13	58600	15100	4150	33700	9650	16900	10800	8850	5670	11800	13900	4360
14	106000	11700	4600	25200	7680	19700	9530	10800	6200	8260	22300	6370
15	122000	10900	5390	10900	9830	15500	12900	10800	6420	4850	23000	5230
16	52400	6610	3670	11900	11300	10600	14900	7530	6190	6430	22000	5550
17	17400	5050	3380	18500	9390	8320	14500	7980	7190	6590	12100	3800
18	14000	4340	6130	18700	6410	7950	12100	13400	10700	7510	8770	4460
19	7640	5510	4370	12900	6640	7920	9160	17100	7890	5170	8400	5210
20	7480	5120	5690	12100	7480	8300	15200	21100	9180	5430	7100	3780
21	7860	4700	7190	12200	7400	8220	25500	21900	11700	5770	4280	3610
22	12800	4740	6700	11500	7190	7580	20400	18700	10900	9930	3730	5350
23	43900	4740	6450	11400	8440	8500	14200	17400	8710	13100	7350	4310
24	64800	4680	6560	10500	12500	7910	12400	8390	8250	11900	5020	7610
25	53500	4660	5810	11500	12600	7740	9260	7720	8560	10700	5570	6330
26	44600	4310	5490	13800	9660	7670	7560	7760	7290	5660	7580	5610
27	33400	4680	5680	10000	9980	7800	8360	11300	7500	5150	6540	5060
28	19400	4230	6280	8110	8840	7510	16100	11200	7270	5850	7890	4870
29	11400	5960	6290	8200	---	11300	20800	12000	5920	7530	11400	4890
30	8690	4980	6310	10200	---	35700	26600	8250	6050	11200	10800	4480
31	7810	---	6460	17100	---	53500	---	9040	---	14200	5490	---
TOTAL	761230	223860	169720	376060	265430	548110	482170	426380	243240	234550	343180	173270
MEAN	24560	7462	5475	12130	9480	17680	16070	13750	8108	7566	11070	5776
MAX	122000	24300	7190	33700	19600	61800	52800	32300	16500	14200	23000	11400
MIN	1450	3930	3380	5600	6410	7090	7560	7530	5310	3170	3730	3610
CFSM	3.13	.95	.70	1.55	1.21	2.25	2.05	1.75	1.03	.96	1.41	.74
IN.	3.61	1.06	.80	1.78	1.26	2.60	2.28	2.02	1.15	1.11	1.63	.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1991, BY WATER YEAR (WY)

	MEAN	7431	7134	8920	11660	13040	14310	11850	8185	7228	6930	7213	6429
MAX	33460	18680	21660	25490	34910	30700	27670	18080	18730	16730	18650	19250	19250
(WY)	1965	1958	1977	1982	1960	1975	1964	1984	1973	1941	1949	1945	1945
MIN	1962	2461	1945	2967	4290	4074	3938	3285	2225	2002	2094	2203	2203
(WY)	1955	1955	1956	1956	1941	1955	1967	1988	1988	1986	1988	1985	1955

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1940 - 1991

ANNUAL TOTAL	3853320	4247200	
ANNUAL MEAN	10560	11640	
HIGHEST ANNUAL MEAN			9176
LOWEST ANNUAL MEAN			15130
HIGHEST DAILY MEAN	122000	Oct 15	150000
LOWEST DAILY MEAN	1450	Oct 1	662
ANNUAL SEVEN-DAY MINIMUM	1870	Sep 30	964
INSTANTANEOUS PEAK FLOW			155000
INSTANTANEOUS PEAK STAGE			27.94
INSTANTANEOUS LOW FLOW			29.74
ANNUAL RUNOFF (CFSM)	1.34	1.48	588
ANNUAL RUNOFF (INCHES)	18.26	20.13	15.88

SANTEE RIVER BASIN

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), October 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.--No estimated daily discharges. Records good. Some possible interruption of natural flow by private lakes upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	84	59	41	179	76	231	106	124	41	355	149
2	12	47	50	39	134	208	148	81	543	41	581	98
3	12	33	53	55	119	546	106	64	330	40	451	75
4	28	30	60	74	108	615	88	56	161	44	259	65
5	31	31	52	68	81	328	82	323	105	49	165	60
6	22	53	47	64	68	197	82	924	74	68	220	56
7	19	62	43	53	90	177	77	401	59	69	158	54
8	16	63	57	70	85	143	107	198	51	59	116	51
9	14	80	52	69	80	121	144	125	46	48	108	47
10	200	79	48	66	87	92	146	104	43	41	128	44
11	1190	34	43	93	69	80	119	88	41	36	119	42
12	925	25	39	85	53	80	90	115	38	33	237	39
13	668	39	37	80	46	208	86	214	36	30	277	38
14	281	45	38	84	50	164	198	201	35	27	200	37
15	68	43	37	76	47	133	176	124	37	33	172	37
16	56	41	36	113	44	110	134	247	36	39	127	39
17	66	42	35	92	44	82	98	477	39	57	98	49
18	86	41	34	64	44	73	80	240	572	91	82	55
19	83	39	36	72	44	71	76	164	332	251	71	55
20	66	40	45	139	43	70	71	129	290	155	64	56
21	56	34	60	110	43	64	71	125	229	103	58	46
22	191	31	57	103	67	62	58	109	154	71	53	42
23	1600	30	51	92	308	60	39	97	104	54	50	41
24	663	30	48	155	205	57	44	93	105	43	62	60
25	327	29	40	185	153	53	47	84	73	42	290	144
26	224	29	35	139	119	50	45	85	58	37	426	114
27	141	29	34	112	101	45	206	167	51	71	252	85
28	106	51	35	87	91	39	374	122	46	349	173	73
29	95	92	35	80	---	370	203	134	45	563	384	65
30	101	76	34	265	---	939	161	148	43	1300	350	58
31	94	---	41	267	---	431	---	96	---	516	197	---
TOTAL	7458	1382	1371	3092	2602	5744	3587	5641	3900	4401	6283	1874
MEAN	241	46.1	44.2	99.7	92.9	185	120	182	130	142	203	62.5
MAX	1600	92	60	267	308	939	374	924	572	1300	581	149
MIN	12	25	34	39	43	39	39	56	35	27	50	37
CFSM	4.04	.77	.74	1.67	1.56	3.11	2.01	3.05	2.18	2.38	3.40	1.05
IN.	4.65	.86	.86	1.93	1.62	3.59	2.24	3.52	2.43	2.75	3.92	1.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1991, BY WATER YEAR (WY)

	MEAN	51.9	61.4	79.1	112	109	117	84.2	60.2	59.0	69.7	69.9	50.8
MAX	241	142	200	213	228	244	192	182	159	174	261	141	141
(WY)	1991	1987	1977	1987	1979	1971	1983	1991	1973	1975	1986	1987	1987
MIN	10.9	15.8	33.2	42.1	37.6	22.7	12.9	6.06	13.0	15.7	3.89	12.5	12.5
(WY)	1979	1979	1989	1981	1986	1985	1986	1986	1986	1986	1980	1983	1984

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1967 - 1991

ANNUAL TOTAL	22996.0	47335	76.9
ANNUAL MEAN	63.0	130	130
HIGHEST ANNUAL MEAN			44.7
LOWEST ANNUAL MEAN			1991
HIGHEST DAILY MEAN	1600	Oct 23	1730
LOWEST DAILY MEAN	5.4	Jul 10	1.6
ANNUAL SEVEN-DAY MINIMUM	7.2	Jul 5	1.9
INSTANTANEOUS PEAK FLOW			Aug 20 1986
INSTANTANEOUS PEAK STAGE			Aug 1 1983
ANNUAL RUNOFF (CFSM)	1.06		Aug 30 1983
ANNUAL RUNOFF (INCHES)	14.35		Aug 12 1986
10 PERCENT EXCEEDS	117	271	154
50 PERCENT EXCEEDS	31	73	50
90 PERCENT EXCEEDS	12	36	16

* Also occurred on Oct. 2, 3.

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	11	10	9.7	18	12	17	14	14	13	36	16
2	4.7	10	10	11	16	25	16	14	18	13	60	15
3	4.7	10	11	10	16	44	15	13	13	14	38	14
4	4.7	9.9	12	11	15	35	15	15	13	83	29	14
5	4.7	9.9	10	10	15	22	16	24	14	42	24	14
6	4.5	9.8	10	10	14	19	17	54	13	25	22	14
7	4.7	9.6	10	10	18	18	15	23	13	25	21	14
8	4.7	9.5	14	11	16	17	16	18	13	18	30	14
9	4.6	12	12	10	15	16	17	17	13	16	30	12
10	26	20	11	9.9	14	15	17	16	13	15	23	11
11	63	13	10	13	13	15	15	15	13	14	21	11
12	38	11	9.9	16	12	14	14	15	13	14	27	11
13	22	10	9.9	13	13	20	14	16	13	14	24	11
14	14	10	10	11	13	20	15	19	28	14	22	11
15	11	9.8	10	11	13	16	14	30	21	34	22	11
16	9.5	9.8	9.8	13	12	15	15	19	14	35	19	11
17	8.5	9.7	9.8	12	12	15	14	16	13	25	17	11
18	8.4	9.7	9.8	11	12	15	14	17	14	21	17	11
19	7.6	9.7	9.8	14	12	14	15	18	16	20	16	13
20	7.0	9.6	14	25	12	14	15	16	17	18	16	24
21	6.9	9.5	13	16	12	13	14	15	18	22	16	14
22	21	9.6	11	13	12	13	14	15	15	26	15	12
23	113	9.6	11	12	20	13	13	15	14	18	15	12
24	34	9.6	10	20	15	13	13	14	14	15	18	12
25	22	9.6	9.8	23	14	12	13	14	14	34	28	20
26	21	9.5	9.7	16	13	12	13	14	13	21	23	20
27	17	9.4	10	14	12	12	16	15	14	23	18	15
28	15	13	10	14	12	13	25	15	13	30	17	13
29	13	14	10	14	---	25	16	14	13	41	19	12
30	12	11	9.8	32	---	41	19	13	13	46	17	12
31	11	---	9.8	26	---	20	---	13	---	31	16	---
TOTAL	543.1	318.8	327.1	441.6	391	568	462	546	440	780	716	405
MEAN	17.5	10.6	10.6	14.2	14.0	18.3	15.4	17.6	14.7	25.2	23.1	13.5
MAX	113	20	14	32	20	44	25	54	28	83	60	24
MIN	4.5	9.4	9.7	9.7	12	12	13	13	13	13	15	11
CFSM	1.75	1.06	1.06	1.42	1.40	1.83	1.54	1.76	1.47	2.52	2.31	1.35
IN.	2.02	1.19	1.22	1.64	1.45	2.11	1.72	2.03	1.64	2.90	2.66	1.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1991, BY WATER YEAR (WY)

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	10.4	11.8	13.3	15.4	16.0	17.7	15.1	12.9	12.1	12.1	12.1	10.6														
MAX	17.5	16.4	19.0	24.3	31.7	43.2	27.7	24.8	24.7	28.1	28.5	26.0														
(WY)	1991	1980	1973	1972	1973	1971	1973	1984	1973	1971	1971	1979														
MIN	7.31	7.94	7.19	8.81	10.3	10.0	8.11	5.93	6.00	5.19	6.54	5.64														
(WY)	1979	1982	1989	1989	1989	1990	1967	1981	1970	1986	1990	1990														

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1966 - 1991

ANNUAL TOTAL	3541.9	5938.6	
ANNUAL MEAN	9.70	16.3	
HIGHEST ANNUAL MEAN			13.3
LOWEST ANNUAL MEAN			20.0
HIGHEST DAILY MEAN	113	Oct 23	9.41
LOWEST DAILY MEAN	4.3	Jul 31	285
ANNUAL SEVEN-DAY MINIMUM	4.5	Jul 27	3.9
INSTANTANEOUS PEAK FLOW			4.5
INSTANTANEOUS PEAK STAGE			Jun 2 1988
INSTANTANEOUS LOW FLOW			Jun 19 1988
ANNUAL RUNOFF (CFSM)	.97		1360
ANNUAL RUNOFF (INCHES)	13.18		6.66
10 PERCENT EXCEEDS	13		3.6
50 PERCENT EXCEEDS	9.3		1.33
90 PERCENT EXCEEDS	4.9		18.09
			21
			11
			7.0

* From rating curve extended above 210 ft³/s.

** Also occurred on Oct. 2, 3, 5 - 10.

Santee River Basin
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 April 1991.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1988 to April 1991.

pH: May 1988 to April 1991.

WATER TEMPERATURE: May 1988 to April 1991.

DISSOLVED OXYGEN: May 1988 to April 1991.

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, Oct. 17, 1990.

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, 115 microsiemens, Oct. 10; minimum, 50 microsiemens, Oct. 17.

pH: Maximum, 7.4 units, Oct. 9; minimum, 6.0 units, Nov. 6.

WATER TEMPERATURE: Maximum, 25.0°, Oct. 8 - 10; minimum, 7.0°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 13 - 15, 24; minimum, 5.1 mg/L, Oct. 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTMEBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	94	85	88	81	71	76	92	91	92	85	79	82
2	103	94	99	80	76	77	92	87	91	83	79	80
3	105	102	104	82	77	81	91	89	90	88	84	85
4	111	105	108	80	74	77	92	90	91	89	84	87
5	113	110	111	83	80	81	93	92	92	87	84	85
6	113	110	112	87	81	83	94	93	94	90	84	87
7	112	103	108	90	87	89	95	93	94	84	80	83
8	107	102	105	91	87	90	94	92	93	85	82	84
9	112	107	108	91	83	87	92	89	90	87	84	85
10	115	80	102	92	90	90	90	88	89	91	87	89
11	82	65	72	92	84	89	90	87	89	91	80	87
12	80	71	76	88	71	79	92	89	91	83	76	79
13	78	70	75	74	72	73	94	90	93	85	72	80
14	77	65	71	76	74	75	94	93	93	72	65	68
15	64	59	62	81	75	78	95	93	94	65	61	64
16	59	51	54	81	74	78	93	90	92	67	63	65
17	55	50	52	86	75	82	92	90	92	73	64	68
18	65	55	59	87	84	85	92	89	91	73	67	69
19	71	65	69	88	85	86	93	90	92	68	64	66
20	75	71	73	88	86	88	95	93	94	68	64	65
21	86	76	82	91	88	90	95	87	94	68	65	66
22	87	77	82	93	91	92	96	86	92	72	67	69
23	81	69	73	95	93	93	94	87	91	72	70	71
24	75	69	72	96	94	95	94	90	93	73	72	72
25	69	66	68	97	96	96	94	93	94	---	---	---
26	66	62	63	96	94	95	94	92	93	---	---	---
27	64	62	63	96	94	95	92	91	92	---	---	---
28	65	63	64	96	93	95	92	91	92	---	---	---
29	66	65	65	95	92	94	92	86	89	---	---	---
30	70	66	68	94	92	93	89	81	86	---	---	---
31	71	68	70	---	---	---	86	81	84	---	---	---
MONTH	115	50	80	97	71	86	96	81	92	91	61	76

Santee River Basin

02169750 CONGAREE RIVER NEAR FORT MOTTE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1981--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	84	78	81	65	59	61	---	---	---
2	---	---	---	85	83	84	60	52	56	---	---	---
3	---	---	---	87	84	85	---	---	---	---	---	---
4	---	---	---	85	81	83	---	---	---	---	---	---
5	---	---	---	82	59	70	---	---	---	---	---	---
6	---	---	---	63	56	58	---	---	---	---	---	---
7	79	75	77	59	54	56	---	---	---	---	---	---
8	81	79	80	63	58	60	---	---	---	---	---	---
9	80	76	79	67	61	64	---	---	---	---	---	---
10	82	78	80	72	65	68	---	---	---	---	---	---
11	84	81	82	74	69	71	---	---	---	---	---	---
12	84	80	82	---	---	---	---	---	---	---	---	---
13	84	78	82	---	---	---	---	---	---	---	---	---
14	82	78	80	---	---	---	---	---	---	---	---	---
15	87	81	85	71	67	69	---	---	---	---	---	---
16	88	78	84	74	67	71	---	---	---	---	---	---
17	80	77	78	---	---	---	---	---	---	---	---	---
18	82	77	79	---	---	---	---	---	---	---	---	---
19	85	81	83	76	73	74	---	---	---	---	---	---
20	89	84	86	77	73	75	---	---	---	---	---	---
21	90	87	88	81	74	77	---	---	---	---	---	---
22	91	88	90	77	74	76	---	---	---	---	---	---
23	91	89	90	77	70	76	---	---	---	---	---	---
24	89	85	86	77	74	76	---	---	---	---	---	---
25	87	82	85	78	74	76	---	---	---	---	---	---
26	85	77	81	79	76	77	---	---	---	---	---	---
27	81	79	80	81	78	79	---	---	---	---	---	---
28	81	77	80	81	79	80	---	---	---	---	---	---
29	---	---	---	82	79	80	---	---	---	---	---	---
30	---	---	---	81	71	77	---	---	---	---	---	---
31	---	---	---	69	64	67	---	---	---	---	---	---
MONTH	91	75	83	87	54	73	65	52	58	---	---	---

SANTEE RIVER BASIN

02171000 LAKE MARION NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'00'', long 80°09'50'', Berkeley County, Hydrologic Unit 03050111, at right upstream end of spillway, 2.8 mi upstream from old Santee Canal, 5.4 mi upstream from Dead River, and 8.0 mi west of Pineville.

DRAINAGE AREA.--14,700 mi², approximately.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Santee Reservoir near Pineville.

GAGE.--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, 76.87 ft, Oct. 23; minimum, 72.56 ft, Jan. 11.

Capacity table (elevation, in feet), and
Usable contents, (in billions of cubic feet)

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 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.73	76.74	74.19	73.50	74.17	74.57	75.55	76.20	76.07	75.67	76.13	75.41
2	74.58	76.75	74.30	73.41	74.18	74.82	75.52	76.21	76.03	75.71	76.43	75.32
3	74.46	76.72	74.45	73.27	74.22	75.15	75.81	76.28	76.05	75.87	76.54	75.36
4	74.43	76.67	74.49	73.11	74.26	75.15	76.25	76.44	76.07	75.81	76.60	75.34
5	74.39	76.62	74.34	72.99	74.27	75.18	76.56	76.79	76.05	75.76	76.68	75.30
6	74.34	76.47	74.21	72.94	74.26	75.31	76.55	76.70	76.07	75.78	76.72	75.28
7	74.31	76.34	74.19	72.87	74.29	75.74	76.57	76.55	76.00	75.68	76.69	75.23
8	74.23	76.10	74.23	72.82	74.20	76.19	76.61	76.48	75.84	75.59	76.66	75.24
9	74.19	76.12	74.23	72.67	74.07	76.47	76.57	76.52	75.70	75.57	76.64	75.27
10	74.74	75.99	74.27	72.62	73.96	76.57	76.51	76.56	75.52	75.55	76.62	75.32
11	75.29	75.86	74.28	72.76	73.89	76.57	76.44	76.59	75.38	75.51	76.72	75.27
12	75.42	75.84	74.22	72.88	73.77	76.43	76.43	76.67	75.25	75.51	76.67	75.14
13	75.43	75.82	74.11	72.74	73.77	76.40	76.48	76.68	75.07	75.56	76.64	75.08
14	75.19	75.82	74.06	72.83	74.06	76.40	76.50	76.62	75.07	75.54	76.58	75.06
15	74.84	75.85	74.03	72.99	73.80	76.37	76.57	76.56	75.20	75.61	76.56	74.98
16	75.05	75.85	74.05	73.25	73.53	76.45	76.51	76.49	75.26	75.66	76.54	74.85
17	76.06	75.79	74.00	73.39	73.56	76.51	76.50	76.41	75.31	75.64	76.56	74.96
18	76.53	75.62	73.90	73.50	73.65	76.56	76.43	76.32	75.37	75.67	76.60	74.99
19	76.62	75.42	73.81	73.72	73.71	76.44	76.46	76.25	75.43	75.69	76.59	75.11
20	76.71	75.15	73.77	73.93	73.75	76.32	76.42	76.14	75.53	75.58	76.57	75.03
21	76.71	74.92	73.68	73.96	73.77	76.21	76.37	76.09	75.61	75.38	76.47	75.00
22	76.73	74.76	73.66	73.95	73.80	76.11	76.27	76.09	75.68	75.20	76.31	74.97
23	76.55	74.65	73.67	74.01	73.84	76.01	76.27	76.07	75.68	75.16	76.09	74.89
24	76.14	74.48	73.63	74.12	73.82	75.90	76.28	76.12	75.79	75.16	75.95	74.83
25	75.92	74.41	73.60	74.08	73.93	75.75	76.27	76.14	75.85	75.29	75.94	74.94
26	75.57	74.35	73.55	74.08	74.20	75.60	76.27	76.13	75.87	75.40	75.83	75.01
27	75.77	74.22	73.53	74.05	74.30	75.50	76.27	76.04	75.90	75.58	75.71	75.05
28	76.26	74.20	73.41	74.06	74.44	75.44	76.20	75.92	75.87	75.64	75.67	75.09
29	76.54	74.23	73.40	74.07	---	75.55	76.13	75.83	75.74	75.73	75.66	75.16
30	76.65	74.15	73.47	74.27	---	75.49	76.22	75.87	75.66	75.86	75.65	75.14
31	76.69	---	73.49	74.22	---	75.56	---	75.92	---	75.91	75.57	---
MAX	76.73	76.75	74.49	74.27	74.44	76.57	76.61	76.79	76.07	75.91	76.72	75.41
MIN	74.19	74.15	73.40	72.62	73.53	74.57	75.52	75.83	75.07	75.16	75.57	74.83
[+]	44.59	35.40	33.19	35.63	36.37	40.34	42.82	41.70	40.72	41.66	40.38	38.77
[*]	2,595	-3,446	-825	911	306	1,482	957	-418	-378	351	-478	-621
CAL YR 1990	* -21		MAX 76.75	MIN 72.80								
WTR YR 1991	* 36		MAX 76.79	MIN 72.62								

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

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

DRAINAGE AREA.--Indeterminate.

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	504	15100	649	533	447	515	4200	686	519	564	495	377
2	505	12200	631	499	399	515	10700	855	551	481	438	475
3	515	5030	609	499	515	515	10700	667	514	482	619	469
4	538	3830	650	515	515	515	10700	700	520	488	599	457
5	509	1660	606	515	515	515	10700	679	521	494	412	468
6	449	1710	555	515	515	3580	10700	4050	511	515	2050	476
7	527	1090	560	458	515	10700	4830	11500	2670	498	6550	474
8	505	785	585	469	515	12300	660	7990	10500	514	5390	462
9	507	664	578	494	515	15700	660	7900	7310	495	1540	459
10	528	1370	564	464	515	15700	660	7870	7160	497	1360	442
11	648	914	555	442	515	15700	782	5140	7100	485	626	459
12	530	610	558	387	515	15700	701	1460	8060	482	620	472
13	3580	505	556	445	515	15700	698	1100	13100	482	463	468
14	20800	486	545	430	515	6910	683	1100	6050	486	615	461
15	35200	469	542	366	515	2430	754	912	1320	485	724	461
16	38000	449	536	352	515	515	746	714	667	490	260	463
17	37300	533	532	365	515	515	678	641	581	492	219	476
18	51500	470	537	357	515	515	695	631	561	496	541	468
19	42700	437	551	382	515	515	664	618	551	494	876	469
20	23200	462	539	444	515	515	768	552	544	495	910	478
21	12500	511	528	443	515	515	1230	397	539	490	497	468
22	5350	568	540	403	515	515	1390	382	515	492	232	465
23	22700	555	541	466	515	515	748	373	593	487	232	464
24	30700	580	578	390	515	515	798	367	530	487	340	458
25	30700	607	553	438	515	515	709	359	528	490	347	463
26	38400	646	524	391	515	515	637	352	527	487	305	467
27	45700	673	581	353	515	515	621	351	526	475	394	467
28	45700	633	548	364	515	515	616	357	565	478	450	460
29	43800	640	522	373	---	515	630	512	601	502	483	462
30	42500	645	507	485	---	515	704	530	550	488	473	461
31	29800	---	499	490	---	515	---	519	---	496	389	---
TOTAL	606395	54832	17359	13527	14236	125235	79762	60264	74784	15287	29449	13869
MEAN	19560	1828	560	436	508	4040	2659	1944	2493	493	950	462
MAX	51500	15100	650	533	515	15700	10700	11500	13100	564	6550	478
MIN	449	437	499	352	399	515	616	351	511	475	219	377

MEAN	2227	868	1598	2253	3802	5836	4598	1409	1057	729	753	1365
MAX	27160	6745	17290	20400	36010	23690	19470	14820	10120	6185	8034	25500
(WY)	1965	1948	1949	1946	1960	1975	1973	1958	1973	1943	1967	1945
MIN	430	447	456	436	481	362	481	477	479	401	450	445
(WY)	1950	1953	1980	1991	1959	1947	1947	1947	1981	1942	1982	1982

ANNUAL TOTAL	1150496		1104999				
ANNUAL MEAN	3152		3027		2198		
HIGHEST ANNUAL MEAN					7682		1960
LOWEST ANNUAL MEAN					491		1985
HIGHEST DAILY MEAN	51500	Oct 18	51500	Oct 18	153000		Sep 22 1945
LOWEST DAILY MEAN	437	Nov 19	219	Aug 17	* 9.0		Feb 23 1947

** From rating curve extended above 13,000 ft³/s on basis of computation of peak flow over spillway at Lake Marion.

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.--Data collection platform. Datum of gage is 10.59 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges, Oct. 1 - Nov. 26, Jan. 3, Feb. 5 - Apr. 3, July 8 - 31, Sept. 7 - 13. Records poor. Discharge records for 1987-91 water years 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 (see sta 02172002) and the lower Santee River (see sta 02171645). 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.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	515	660	1480	908	2930	515	4200	2240	474	400	110	1300
2	515	660	658	1750	2790	515	10700	2370	456	424	182	1420
3	515	660	593	515	2670	515	10700	2330	419	351	458	1140
4	515	660	762	2560	2570	515	6840	2300	396	310	1120	225
5	515	660	1610	1650	515	515	7110	2240	386	307	1160	304
6	515	660	1650	1260	515	3580	7310	2620	377	343	1580	597
7	515	515	1350	1530	515	10700	7300	5570	422	342	3720	515
8	515	515	1310	1910	515	12300	5480	5660	4250	515	4520	515
9	515	515	794	2010	515	15700	3680	5530	5180	515	3280	515
10	515	515	853	1990	515	15700	2980	5510	4990	515	2470	515
11	515	515	773	2100	515	15700	2510	5220	4950	515	2190	515
12	660	515	164	2160	515	15700	2310	3290	4980	515	2200	515
13	3580	515	1110	2310	515	15700	2130	2560	6460	515	2040	515
14	20800	515	1090	2240	515	6910	2070	2440	6500	515	2090	439
15	35200	515	639	2210	515	2430	1990	2390	3340	515	2440	668
16	38000	515	771	2270	515	515	2160	2250	1410	515	2270	145
17	37300	515	375	2280	515	515	2310	2150	739	515	2250	591
18	51500	515	419	2300	515	515	2200	2100	642	515	2280	344
19	42700	515	597	2340	515	515	2170	2080	524	515	2460	327
20	23200	515	1340	2450	515	515	2180	2020	460	515	2500	329
21	12500	515	1390	2450	515	515	2270	1940	435	515	2470	320
22	5350	515	900	2470	515	515	2530	1920	467	515	2280	322
23	22700	515	838	2450	515	515	2280	1910	437	515	2290	-8.00
24	30700	515	988	2470	515	515	2160	1900	388	515	1840	67
25	30700	515	1090	2510	515	515	2160	1880	366	515	795	291
26	38400	515	1080	2510	515	515	2140	1850	358	515	832	301
27	45700	2980	706	2480	515	515	2140	1810	356	515	492	292
28	45700	2470	1530	2480	515	515	2110	1780	356	515	1340	312
29	43800	1440	1350	2460	---	515	2100	1600	450	515	379	299
30	42500	1370	657	2660	---	515	2220	1230	407	515	436	274
31	29800	---	134	2910	---	515	---	611	---	515	845	---
TOTAL	606455	22520	29001	66593	23320	125235	110440	81301	51375	14837	55319	14427
MEAN	19560	751	936	2148	833	4040	3681	2623	1712	479	1784	481
MAX	51500	2980	1650	2910	2930	15700	10700	5660	6500	515	4520	1420
MIN	515	515	134	515	515	515	1990	611	356	307	110	67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1991, BY WATER YEAR (WY)

MEAN	2614	604	1450	2702	2857	7624	5435	1700	655	610	630	539
MAX	19560	1339	10230	16030	13420	22690	22440	11760	1712	1071	1784	706
(WY)	1991	1986	1984	1982	1982	1979	1980	1984	1991	1983	1991	1987
MIN	471	224	136	509	531	515	504	328	418	435	464	414
(WY)	1982	1990	1990	1985	1988	1985	1985	1990	1989	1987	1982	1990

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR				FOR 1991 WATER YEAR				WATER YEARS 1979 - 1991			
ANNUAL TOTAL	943257				1200823							
ANNUAL MEAN	2584				3290							
HIGHEST ANNUAL MEAN									2286			
LOWEST ANNUAL MEAN									6795			
HIGHEST DAILY MEAN	51500				Oct 18				1984			
LOWEST DAILY MEAN	-906				May 8				1985			
					51500				Oct 18			
					- 8.00				Sep 23			
									120000			
									Mar 3			
									1979			
									-1330			
									Feb 3			
									1986			

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. 26, Jan. 3, Feb. 5 to Apr. 3, July 30, 31, Sept. 7 - 13. 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6680	22400	1720	15900	26000	7230	14600	24400	1640	1380	15900	21200
2	5580	22500	455	16500	26000	10400	16800	24800	1010	2830	24400	13400
3	8890	22300	2000	12300	26200	10400	17300	25100	838	2580	29300	5090
4	1090	22500	5980	19400	26100	13000	23200	25100	762	768	27100	8860
5	.00	22600	11700	14500	22200	17700	23400	25300	758	812	27000	9990
6	.00	22600	15900	14000	22200	17300	23600	25300	869	572	25100	10200
7	.00	22600	11600	19000	22300	17400	23700	24800	881	510	27600	12700
8	6560	22500	6770	22400	22200	17200	25800	25500	463	1960	27100	3570
9	814	22500	8780	17600	22200	16900	26400	26000	1310	413	22600	905
10	.00	22400	7330	18100	22200	17400	26200	26300	1570	3010	26800	5130
11	9120	22000	6470	19900	21100	17700	26100	26500	1590	1510	25200	9520
12	21700	22000	13100	24700	14400	17600	24800	26600	1590	.00	25500	8660
13	22600	22000	11100	21000	11700	17000	23700	26300	1660	.00	21600	2060
14	22500	21900	6930	20600	12100	17100	23300	26200	2760	.00	25400	5920
15	22500	22100	8310	24700	15100	17400	23900	26100	2060	.00	25000	4000
16	22700	22300	6120	25500	14600	17600	23300	26000	2040	.00	25100	8090
17	22600	22300	9360	25500	12600	17200	22200	25900	4430	5010	24800	2370
18	22500	22200	10400	25200	6580	18000	22900	26000	4110	.00	24800	1860
19	22400	22300	12900	25200	8230	17800	22600	25900	1590	.00	24600	1090
20	22400	19900	16500	25800	5450	16300	22600	26000	851	5000	24600	1120
21	22500	14900	10700	25900	6780	16400	22800	26000	1910	5880	24300	2830
22	22200	14800	11200	25800	1410	16400	22900	25900	3800	1940	24300	2930
23	22200	13600	12700	25700	10900	17100	22900	26000	3270	4680	23200	7310
24	22500	6690	11700	25800	8110	17900	22400	26000	1060	.00	21200	4050
25	22500	6770	13000	25800	.00	20000	22200	26000	916	.00	23300	1280
26	22200	9260	9380	25700	4470	16100	22600	26100	674	.00	24700	1060
27	21900	9320	13100	25800	8850	10600	22800	26200	593	.00	21400	1080
28	21300	4270	12100	25900	8850	12000	22800	25300	1290	12200	13600	1090
29	23300	1810	5390	26000	---	11700	22700	13100	3320	9070	13200	1070
30	22400	7120	6270	26200	---	12100	22800	4570	1050	6680	14300	4120
31	22400	---	11200	26200	---	12000	---	2660	---	12400	21900	---
TOTAL	486034.00	532440	290165	692600	408830.00	480930	683300	741930	50665	79205.00	724900	162555
MEAN	15680	17750	9360	22340	14600	15510	22780	23930	1689	2555	23380	5418
MAX	23300	22600	16500	26200	26200	20000	26400	26600	4430	12400	29300	21200
MIN	.00	1810	455	12300	.00	7230	14600	2660	463	.00	13200	905

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1991, BY WATER YEAR (WY)

	MEAN	6513	7534	12770	14910	13070	16560	14790	9853	2242	4068	7161	5102
MAX	15680	17750	20110	22340	22580	23900	22780	23930	4531	13960	23380	9831	
(WY)	1991	1991	1990	1991	1987	1987	1991	1991	1990	1989	1991	1987	
MIN	718	1511	5346	2206	2744	2621	1225	192	18.8	1.00	40.9	426	
(WY)	1987	1988	1989	1989	1989	1988	1988	1988	1988	1988	1988	1988	1988

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1987 - 91

ANNUAL TOTAL	3977270.00	5333554.00	
ANNUAL MEAN	10900	14610	9544
HIGHEST ANNUAL MEAN			14610
LOWEST ANNUAL MEAN			3088
HIGHEST DAILY MEAN	24000	Mar 1	31200
LOWEST DAILY MEAN	.00	Many days	.00
10 PERCENT EXCEEDS	22300		23300
50 PERCENT EXCEEDS	10200		7310
90 PERCENT EXCEEDS	195		18

SANTEE RIVER BASIN

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 1990 TO SEPTEMBER 1991

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...	1300	770	18.0	0.6	25	6.8	71	6.9	97
NOV									
28...	1230	760	16.5	0.9	55	7.4	76	7.1	90
DEC									
31...	0915	770	13.0	1.7	42	9.7	91	6.5	74
JAN									
29...	1200	770	10.0	1.2	25	10.6	93	6.9	92
FEB									
26...	1338	760	12.5	1.5	45	6.8	64	6.9	96
MAR									
27...	1330	770	20.0	1.8	--	8.2	89	6.9	71
APR									
26...	1020	770	20.0	--	55	7.6	83	7.1	77

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...	9.0	4	180	350	2	20	100	<10	6.0
NOV									
28...	16	11	470	1100	11	40	91	50	7.9
DEC									
31...	40	11	290	760	11	10	85	20	5.7
JAN									
29...	9.0	4	290	500	4	<10	100	20	4.6
FEB									
26...	200	15	630	1800	14	220	97	230	6.0
MAR									
27...	8.0	7	--	--	7	--	100	--	5.6
APR									
26...	72	13	300	690	14	20	94	30	5.6

SANTEE RIVER BASIN

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC-Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991-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)
MAY									
29...	1010	765	27.0	0.9	31	5.4	68	7.0	85
JUN									
28...	1048	765	27.5	1.0	32	6.1	77	7.0	110
JUL									
29...	1100	760	30.0	1.5	13	6.2	82	6.9	87
AUG									
27...	1300	760	28.0	1.2	26	4.1	53	6.9	85
SEP									
30...	1014	770	24.5	3.2	<1	5.6	66	6.9	115

DATE	TUR- BID- ITY (NTU)	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									
29...	40	10	270	540	7	30	100	60	4.7
JUN									
28...	60	11	1200	1900	12	330	83	390	3.9
JUL									
29...	58	32	10	840	36	<10	93	80	5.2
AUG									
27...	3.6	12	330	690	15	50	75	60	6.1
SEP									
30...	110	9	640	1600	9	340	100	360	5.1

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

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. 1, 2, Oct. 13 - Nov. 7. Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.47	32	7.5	8.4	112	12	38	31	1.9	.90	5.3	31
2	.50	28	6.7	14	84	19	31	27	6.1	.88	46	45
3	.62	24	6.6	20	68	43	24	20	2.7	.84	79	51
4	.65	21	6.9	19	58	68	18	13	1.8	.83	61	44
5	.63	19	6.6	18	50	64	16	8.8	1.4	.84	39	33
6	.63	50	6.1	16	44	53	24	6.9	1.2	.85	25	25
7	.62	140	6.0	18	44	44	28	5.7	1.2	.95	15	20
8	.60	128	9.1	28	57	37	25	5.9	1.2	.89	22	33
9	3.1	78	12	30	57	31	23	7.9	1.1	.84	21	54
10	43	152	12	28	52	27	20	11	1.1	.81	14	48
11	120	149	11	27	46	23	16	11	1.0	.80	12	36
12	125	108	10	37	39	21	12	12	1.0	.80	14	27
13	107	79	9.2	41	34	24	8.7	10	.97	.78	28	20
14	90	61	8.5	37	30	37	6.5	8.3	.99	.77	33	12
15	75	50	8.0	32	26	40	5.5	6.4	1.1	.93	28	7.4
16	58	42	7.5	32	23	37	5.6	5.1	1.1	1.2	22	5.4
17	45	35	6.9	37	19	32	6.0	4.3	1.0	1.0	16	4.5
18	38	30	6.6	36	17	27	8.6	4.0	.97	.92	11	3.5
19	36	26	6.3	36	15	25	12	4.1	1.1	1.5	8.3	2.9
20	34	23	7.2	108	14	22	10	4.2	1.2	1.3	7.2	2.5
21	40	19	9.1	112	13	18	8.5	4.6	1.1	1.0	5.9	2.2
22	52	15	11	85	12	15	6.9	6.0	1.0	.91	4.7	1.9
23	92	13	12	66	13	13	5.8	6.7	.95	.87	8.7	3.1
24	115	12	12	60	16	11	4.9	6.6	.92	.84	33	3.4
25	123	10	11	76	17	9.3	3.9	6.3	.90	.80	94	2.0
26	107	9.2	9.2	76	17	7.8	3.9	5.5	.91	.73	155	1.1
27	84	8.2	8.2	66	15	6.6	4.1	4.5	.96	.76	116	1.1
28	68	7.8	7.8	60	13	5.6	4.4	3.7	1.0	.81	82	1.2
29	52	7.7	7.7	60	---	5.8	4.1	2.4	.97	.91	65	1.2
30	43	7.8	7.8	100	---	32	8.9	1.8	.92	1.2	49	1.2
31	37	---	7.6	145	---	43	---	1.6	---	1.3	37	---
TOTAL	1591.82	1384.7	264.1	1528.4	1005	853.1	393.3	256.3	39.76	28.76	1157.1	523.6
MEAN	51.3	46.2	8.52	49.3	35.9	27.5	13.1	8.27	1.33	.93	37.3	17.5
MAX	125	152	12	145	112	68	38	31	6.1	1.5	155	54
MIN	.47	7.7	6.0	8.4	12	5.6	3.9	1.6	.90	.73	4.7	1.1
CFSM	2.95	2.65	.49	2.83	2.06	1.58	.75	.48	.08	.05	2.15	1.00
IN.	3.40	2.96	.56	3.27	2.15	1.82	.84	.55	.09	.06	2.47	1.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1991, BY WATER YEAR (WY)

	8.07	7.38	9.19	20.2	26.0	30.2	25.3	7.24	7.26	8.15	12.9	12.9
MEAN	8.07	7.38	9.19	20.2	26.0	30.2	25.3	7.24	7.26	8.15	12.9	12.9
MAX	51.3	46.2	51.2	51.5	101	114	168	32.4	56.9	51.8	79.8	116
(WY)	1991	1991	1977	1983	1973	1983	1980	1984	1973	1975	1971	1987
MIN	.044	.18	.84	.82	.20	1.06	.21	.000	.39	.19	.098	.003
(WY)	1982	1982	1985	1985	1968	1985	1968	1968	1985	1977	1980	1968

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1966 - 1991
ANNUAL TOTAL	5914.43	9025.94	
ANNUAL MEAN	16.2	24.7	13.1
HIGHEST ANNUAL MEAN			28.1
LOWEST ANNUAL MEAN			1.29
HIGHEST DAILY MEAN	152	155	1220
LOWEST DAILY MEAN	.27	.47	.00
ANNUAL SEVEN-DAY MINIMUM	.37	.59	.00
INSTANTANEOUS PEAK FLOW		174	Unknown
INSTANTANEOUS PEAK STAGE		5.30	* 9.49
ANNUAL RUNOFF (CFSM)	.93	1.42	.75
ANNUAL RUNOFF (INCHES)	12.64	19.30	10.24
10 PERCENT EXCEEDS	40	65	35
50 PERCENT EXCEEDS	8.0	12	3.1
90 PERCENT EXCEEDS	1.0	.95	.42

* Caused by backwater from Santee River.

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.--Estimated daily discharges, Oct 1 - Nov. 26, Jan. 3, Feb. 5 - Apr. 4, July 8 - 31, Sept. 7 - 13. Records poor. Discharge records for 1987 - 91 water years are 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 Hydro-electric 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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9990	52300	6420	16100	29000	7740	15100	26500	3560	1350	15500	23200
2	6100	23200	2640	18400	29100	10900	21000	27100	2270	4000	23900	15800
3	9400	23000	1240	12800	28800	10900	28000	27000	1570	2570	29400	7780
4	1610	23100	3890	16400	28900	13500	29500	27200	1300	2370	28000	8310
5	515	23300	11500	16800	22700	18200	29700	27400	1040	1020	28400	9950
6	515	23200	17500	14700	22700	17800	30100	27700	1200	1080	25900	11200
7	515	23200	13600	19700	22800	21000	30400	29600	1270	837	30700	13200
8	7080	23000	8800	24200	22700	27900	30900	30600	1770	2623	31500	4080
9	1330	23000	9350	19800	22700	29200	29900	30700	5520	928	25800	1420
10	515	22900	8640	19700	22700	33000	29600	30900	6490	3530	29300	5650
11	9640	22500	7410	21700	21600	33400	29400	31600	6560	2030	27300	10000
12	22300	22500	11800	26500	15000	33200	27900	30500	6560	515	27800	9180
13	23200	22500	12900	23400	12200	32600	26600	29300	6810	515	24000	2580
14	26100	22400	8770	22600	12700	32800	25900	29300	9460	515	27300	5090
15	43300	22700	9110	26600	15600	24300	26100	29000	7340	515	27200	6310
16	57900	22800	7170	27400	15100	20100	25700	28600	5190	515	27200	6080
17	60500	22800	8720	27500	13100	17700	24800	28400	3400	5520	27000	6370
18	59900	22800	10100	27600	7090	18500	24900	28100	5420	515	27000	2590
19	73900	22800	13000	26700	8750	18300	24900	28100	4150	515	27000	2170
20	65100	20400	17200	27900	5960	16800	24800	28100	1830	5510	27000	1470
21	45700	15400	12700	28200	7290	16900	25000	28000	1400	6400	26700	2340
22	34800	15300	12100	28300	1930	16900	25400	27900	3070	2450	26600	2290
23	27600	14100	13700	28200	11400	17600	25200	27900	4290	5190	26000	5220
24	45200	7210	12300	28100	8620	18400	24600	28000	2740	515	23100	6600
25	53100	7290	14700	28300	515	20500	24400	27900	1280	515	23800	2840
26	52800	9770	10500	28200	4980	16600	24800	28000	1350	515	26800	1610
27	60300	13400	13000	28400	9370	11200	24900	28100	1070	515	21800	1350
28	67000	8030	14900	28300	9370	12500	24900	27800	1170	12700	16700	1450
29	68900	5640	8250	28400	---	12200	24800	17000	2500	9590	13300	1390
30	66200	5820	6070	28300	---	12600	24800	8290	3060	7200	14300	2590
31	64900	---	9880	28900	---	12600	---	5240	---	12900	22300	---
TOTAL	1065910	586360	317860	748100	432675	605840	784000	829830	104640	93840	778600	180110
MEAN	34380	19550	10250	24130	15450	19540	26130	26770	3488	3027	25120	6004
MAX	73900	52300	17500	28900	29100	33400	30900	31600	9460	12900	31500	23200
MIN	515	5640	1240	12800	515	7740	15100	5240	1040	515	13300	1350

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1991, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991
MEAN	12480	8350	13780	16250	14350
MAX	34380	19550	22870	24130	24590
(WY)	1991	1991	1987	1991	1987
MIN	1412	2090	5333	3082	3238
(WY)	1987	1988	1989	1989	1988

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1987 - 1991
ANNUAL TOTAL	4911073	6527765	
ANNUAL MEAN	13450	17880	
HIGHEST ANNUAL MEAN			17880
LOWEST ANNUAL MEAN			4081
HIGHEST DAILY MEAN	73900	Oct 19	89500
LOWEST DAILY MEAN	515	Apr 28	460
INSTANTANEOUS PEAK STAGE		20.63	Nov 2

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).

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, 27.04 ft, Nov. 3; minimum, 14.03 ft, July 20, 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	17.73	14.84	16.34	26.82	26.52	26.67	19.38	18.14	18.70	19.46	18.19	18.90
2	17.99	16.03	17.15	27.01	26.80	26.91	18.29	16.30	17.40	19.70	18.94	19.33
3	18.41	16.37	17.39	27.04	26.98	27.01	18.02	15.52	16.75	19.84	19.17	19.51
4	18.67	17.22	17.95	27.00	26.79	26.91	17.89	15.93	16.75	20.11	19.52	19.84
5	17.78	15.40	16.67	26.80	26.47	26.64	18.75	17.20	17.89	20.28	19.88	20.09
6	17.51	14.85	16.17	26.47	26.03	26.25	19.43	18.40	18.89	20.27	19.89	20.09
7	17.19	14.46	15.77	26.02	25.54	25.78	19.50	18.81	19.15	20.17	19.93	20.07
8	17.46	14.25	15.93	25.53	25.03	25.28	19.50	18.46	19.13	20.36	19.99	20.25
9	18.09	16.07	17.08	25.04	24.67	24.82	19.14	18.33	18.80	20.67	20.22	20.53
10	18.45	15.37	17.04	24.70	24.46	24.60	19.04	17.93	18.58	20.95	20.61	20.85
11	17.97	16.21	17.37	24.46	24.17	24.31	18.69	17.53	18.14	21.19	20.86	21.09
12	20.11	17.96	19.46	24.16	23.90	24.03	18.60	17.50	18.13	21.28	21.05	21.18
13	20.68	20.06	20.41	23.90	23.69	23.79	18.93	18.18	18.52	21.57	21.23	21.40
14	21.32	20.54	20.92	23.69	23.51	23.59	18.84	18.08	18.45	21.71	21.53	21.64
15	21.83	21.30	21.57	23.51	23.35	23.42	18.78	17.90	18.29	21.82	21.63	21.72
16	22.20	21.82	22.00	23.35	23.21	23.28	18.39	17.10	17.78	22.00	21.81	21.90
17	22.58	22.20	22.37	23.21	23.11	23.16	18.17	17.19	17.72	22.14	21.98	22.05
18	22.98	22.58	22.77	23.11	23.04	23.07	18.62	17.60	18.04	22.29	22.13	22.21
19	23.38	22.98	23.16	23.05	22.98	23.01	18.67	17.98	18.27	22.47	22.30	22.34
20	24.02	23.39	23.67	22.99	22.93	22.96	19.30	18.38	18.82	22.67	22.48	22.59
21	24.90	24.02	24.45	22.94	22.85	22.90	19.33	18.63	18.99	22.73	22.67	22.70
22	25.66	24.90	25.30	22.85	22.62	22.75	19.21	18.59	18.88	22.76	22.71	22.74
23	26.13	25.65	25.97	22.61	22.28	22.46	19.15	18.78	18.94	22.78	22.73	22.76
24	26.22	26.14	26.19	22.28	21.94	22.12	19.25	18.59	18.89	22.80	22.73	22.77
25	26.20	26.05	26.14	21.93	21.44	21.73	19.21	18.66	19.01	22.84	22.77	22.82
26	26.06	25.83	25.95	21.44	20.80	21.17	19.52	18.56	19.05	22.86	22.81	22.84
27	25.84	25.69	25.76	20.85	20.37	20.64	19.42	18.56	19.01	22.85	22.81	22.82
28	25.72	25.68	25.70	20.55	19.76	20.25	19.60	18.79	19.18	22.86	22.79	22.83
29	25.89	25.71	25.79	19.99	18.37	19.40	19.57	18.48	19.03	22.86	22.79	22.83
30	26.19	25.88	26.03	18.88	17.92	18.43	18.94	17.32	18.14	23.03	22.85	22.95
31	26.52	26.18	26.35	---	---	---	18.75	17.52	18.03	23.07	23.03	23.05
MONTH	26.52	14.25	21.45	27.04	17.92	23.58	19.60	15.52	18.43	23.07	18.19	21.57

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.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.92 ft, Nov. 3, 4; minimum, 1.94 ft, June 23.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.77	2.63	4.82	9.57	9.00	9.34	7.48	2.87	5.27	7.72	2.85	5.53
2	6.96	2.78	5.01	9.81	9.28	9.59	7.33	2.62	4.99	7.49	3.32	5.34
3	7.08	2.77	5.03	9.92	9.48	9.69	7.45	2.45	5.16	7.33	2.93	5.12
4	7.23	3.08	5.26	9.92	9.48	9.69	7.10	2.34	4.54	7.42	3.49	5.55
5	7.04	2.29	4.82	9.89	9.41	9.62	6.89	2.05	4.46	7.21	4.02	5.59
6	7.21	2.47	4.95	9.69	9.20	9.42	7.30	2.94	5.09	6.70	3.55	5.13
7	7.01	2.34	4.66	9.52	8.91	9.18	7.07	3.23	5.17	6.50	3.73	5.06
8	6.94	2.25	4.68	9.22	8.57	8.87	7.10	3.55	5.42	6.93	4.02	5.52
9	7.26	2.78	5.07	9.20	8.41	8.79	6.87	3.40	5.20	6.88	3.89	5.35
10	7.85	3.30	5.85	8.94	7.60	8.33	6.79	3.00	4.98	6.84	4.20	5.58
11	7.05	4.00	5.65	8.20	7.41	7.86	6.50	3.29	5.00	7.58	4.68	6.26
12	7.43	4.61	6.07	8.12	7.17	7.66	6.88	2.99	4.93	6.92	4.37	5.61
13	7.23	4.47	5.98	8.08	7.10	7.57	6.49	2.88	4.45	6.43	3.92	5.34
14	7.31	4.47	5.99	8.10	6.96	7.48	6.26	2.60	4.67	7.01	4.43	5.82
15	7.06	4.55	5.88	8.02	6.83	7.36	7.04	3.21	4.95	7.21	4.64	6.04
16	7.21	4.64	6.11	7.90	6.62	7.21	6.45	2.49	4.27	7.21	5.09	6.08
17	7.68	5.19	6.59	7.69	6.43	6.99	6.81	2.39	4.60	6.88	4.76	5.77
18	7.71	5.78	6.72	8.02	6.34	7.13	6.84	2.86	4.71	7.03	4.98	5.94
19	7.63	5.85	6.83	7.88	6.41	7.07	6.56	2.79	4.50	7.68	5.23	6.32
20	8.03	6.43	7.27	7.68	6.27	6.92	7.22	3.36	5.20	7.63	5.93	6.69
21	8.23	7.03	7.68	7.81	6.28	6.97	6.60	3.17	4.80	7.15	5.75	6.35
22	8.49	7.57	8.07	7.52	6.23	6.80	6.49	3.06	4.62	7.27	6.01	6.63
23	8.79	8.25	8.51	7.17	5.79	6.45	6.26	3.05	4.61	7.50	6.18	6.88
24	9.09	8.54	8.82	6.90	5.37	6.07	6.01	2.54	4.14	7.50	6.22	6.83
25	9.22	8.75	8.95	6.53	4.72	5.73	6.20	3.15	4.76	7.88	6.35	7.14
26	9.11	8.62	8.85	6.37	4.18	5.35	6.60	3.02	4.97	8.08	6.30	7.19
27	9.16	8.70	8.92	6.48	3.72	5.20	7.09	3.26	5.29	7.94	6.24	7.05
28	9.05	8.61	8.86	6.91	3.45	5.26	7.24	3.00	5.08	8.04	6.20	7.12
29	9.09	8.61	8.86	7.00	2.90	4.87	7.26	2.80	5.08	8.07	6.20	7.16
30	9.23	8.66	8.98	6.83	2.46	4.97	7.28	2.66	4.98	8.36	6.37	7.39
31	9.34	8.81	9.12	---	---	---	7.16	2.33	4.75	7.96	6.50	7.17
MONTH	9.34	2.25	6.74	9.92	2.46	7.45	7.48	2.05	4.86	8.36	2.85	6.15

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.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.38 ft, Nov. 5; minimum, 14.41 ft, Feb. 15.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.07	15.80	17.95	20.70	16.42	18.68	20.64	15.19	17.92	20.92	15.27	18.23
2	20.16	15.74	17.99	21.28	16.58	18.91	20.63	15.07	17.82	20.65	15.46	17.81
3	20.24	15.70	17.96	21.24	16.65	18.76	20.92	15.30	18.21	20.42	14.99	17.66
4	20.35	15.67	18.04	21.26	16.42	18.69	20.44	15.06	17.45	20.52	15.62	18.08
5	20.42	15.12	17.85	21.38	16.50	18.81	19.98	14.66	17.29	20.29	16.07	18.09
6	20.74	15.54	18.10	21.12	16.57	18.65	20.40	15.37	17.75	19.68	15.72	17.60
7	20.51	15.45	17.85	21.14	16.69	18.76	20.11	15.64	17.82	19.53	15.92	17.58
8	20.38	15.40	17.86	20.87	16.77	18.73	20.20	16.01	18.09	19.99	16.31	18.13
9	20.45	15.72	18.02	21.23	17.47	19.40	19.89	15.97	17.92	19.93	16.03	17.86
10	21.16	16.36	18.84	20.82	16.04	18.32	19.85	15.62	17.71	19.90	16.66	18.18
11	20.23	16.66	18.48	19.76	16.25	18.03	19.51	16.13	17.88	20.78	16.29	18.77
12	20.57	16.93	18.72	19.76	16.03	17.99	19.99	15.52	17.71	20.00	15.59	17.95
13	20.40	16.62	18.56	---	16.12	---	19.51	15.08	17.19	19.35	15.43	17.62
14	20.41	16.44	18.49	20.25	16.16	18.26	19.24	15.08	17.53	20.03	15.98	18.04
15	20.11	16.17	18.20	20.27	16.28	18.20	20.15	15.67	17.75	20.24	15.97	18.21
16	20.26	16.08	18.32	20.18	16.01	18.11	19.48	15.13	17.06	20.22	15.98	18.00
17	20.69	16.43	18.65	19.96	15.98	17.86	19.93	15.11	17.51	19.69	15.45	17.42
18	20.58	16.36	18.35	20.62	16.12	18.41	19.91	15.58	17.57	19.79	15.53	17.52
19	20.24	15.82	18.14	20.42	16.45	18.29	19.55	15.34	17.29	20.51	15.63	17.92
20	20.52	16.39	18.36	20.16	16.28	18.13	20.32	16.06	18.03	19.75	16.01	17.96
21	20.29	16.58	18.29	20.39	16.61	18.35	19.62	15.57	17.49	19.57	15.50	17.28
22	19.98	16.37	18.06	20.00	16.56	18.15	19.49	15.59	17.36	19.83	16.13	17.83
23	19.66	16.60	18.02	19.60	16.28	17.79	19.25	15.54	17.34	19.97	16.25	18.17
24	19.92	16.67	18.19	19.42	15.95	17.62	18.95	14.99	16.87	19.93	16.25	18.03
25	20.13	16.65	18.26	19.18	15.70	17.45	19.24	15.64	17.54	20.51	16.42	18.51
26	20.02	16.52	18.18	19.13	15.60	17.35	19.84	15.54	17.68	20.78	15.99	18.48
27	20.34	17.47	18.80	19.37	15.41	17.43	20.15	15.69	17.97	20.58	15.94	18.21
28	20.17	16.93	18.65	19.89	15.22	17.63	20.34	15.06	17.65	20.74	15.87	18.29
29	20.24	16.90	18.68	20.00	14.67	17.31	20.34	15.06	17.70	20.74	15.67	18.32
30	20.39	16.72	18.72	20.34	14.65	17.75	20.44	14.99	17.70	21.10	15.91	18.49
31	20.44	16.65	18.56	---	---	---	20.29	14.86	17.51	20.39	15.69	17.92
MONTH	21.16	15.12	18.29	21.38	14.65	18.20	20.92	14.66	17.62	21.10	14.99	18.01

SANTÉE RIVER BASIN

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	20.76	15.93	18.32	20.52	15.44	18.13	20.03	15.58	17.80	20.27	15.98	17.97
2	20.29	15.92	18.04	20.13	15.44	17.89	19.94	15.50	17.55	19.92	16.00	17.82
3	19.20	15.40	17.29	20.64	15.72	18.05	20.08	15.78	17.77	19.59	16.22	17.84
4	18.94	15.49	17.14	19.38	15.03	17.09	19.93	15.76	17.68	19.78	15.92	17.70
5	18.91	15.55	17.11	19.29	15.35	17.22	19.13	15.62	17.11	19.75	16.28	17.83
6	18.96	15.87	17.29	18.96	15.70	17.35	18.94	15.58	17.01	19.34	15.96	17.48
7	19.22	16.15	17.55	18.89	15.47	16.95	18.70	15.63	17.05	19.06	15.79	17.46
8	19.41	16.56	17.92	19.09	16.33	17.68	18.65	15.69	17.11	19.57	16.16	17.98
9	20.16	16.71	18.42	19.58	16.72	18.06	18.87	15.55	17.15	19.74	16.17	18.07
10	20.02	16.23	18.18	19.88	16.26	17.89	18.94	15.26	17.17	19.91	15.82	17.99
11	19.92	16.05	17.97	19.60	16.33	17.94	19.98	15.41	17.82	20.71	15.91	18.28
12	19.63	15.86	17.92	19.97	16.60	18.37	20.44	16.26	18.40	20.65	15.86	18.31
13	19.99	15.96	17.98	20.28	16.57	18.38	20.36	16.01	18.30	20.93	15.69	18.23
14	19.47	15.37	17.39	20.11	16.15	18.23	20.43	15.46	17.89	21.18	15.83	18.40
15	19.35	14.41	16.53	20.57	16.18	18.53	20.84	15.86	18.24	21.07	15.75	18.34
16	19.43	14.42	16.68	20.73	16.38	18.58	20.52	15.52	17.98	21.13	15.88	18.33
17	19.44	14.93	17.20	20.89	16.47	18.64	20.55	15.49	17.83	20.78	15.87	18.29
18	19.42	14.98	17.09	20.58	16.13	18.47	20.81	15.51	17.85	20.55	15.82	18.01
19	19.42	15.08	17.11	20.72	15.97	18.17	20.67	16.52	18.55	20.91	16.63	18.58
20	19.18	14.76	16.86	20.51	16.06	18.20	20.65	16.10	18.19	21.27	17.17	18.98
21	18.95	14.73	16.65	20.16	15.90	17.99	20.47	16.18	18.14	20.88	16.98	18.87
22	19.17	14.92	16.90	20.05	15.55	17.67	20.09	15.93	17.93	20.56	16.76	18.72
23	19.46	15.88	17.65	19.78	15.50	17.44	19.98	16.08	18.08	20.42	16.38	18.53
24	20.15	15.33	17.75	19.33	15.23	17.24	19.99	15.71	17.99	20.31	16.07	18.25
25	20.08	15.39	17.78	19.67	15.73	17.72	20.48	15.72	18.25	20.41	15.86	18.13
26	20.31	15.30	17.81	19.78	15.57	17.72	20.28	15.97	18.24	20.43	16.04	18.19
27	20.18	15.27	17.90	19.94	15.53	17.83	20.46	15.68	18.03	20.17	15.75	17.95
28	20.42	15.32	17.92	19.65	15.18	17.44	20.32	15.64	17.91	19.92	15.60	17.68
29	---	---	---	20.53	15.16	17.88	20.49	15.66	17.93	20.38	15.68	17.80
30	---	---	---	20.08	14.98	17.46	20.26	15.91	18.04	20.47	16.40	18.30
31	---	---	---	20.50	15.76	18.02	---	---	---	20.13	16.42	18.26
MONTH	20.76	14.41	17.51	20.89	14.98	17.88	20.84	15.26	17.83	21.27	15.60	18.15
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.13	16.29	18.02	19.75	15.78	17.62	20.02	15.78	17.96	20.16	15.88	18.08
2	19.88	16.31	18.04	19.79	15.74	17.84	20.02	16.10	18.06	21.09	16.83	18.99
3	19.76	16.08	17.91	19.73	15.93	17.75	19.65	15.45	17.52	20.98	16.85	18.88
4	19.79	16.06	17.93	19.48	15.61	17.66	20.07	15.47	17.67	20.90	16.44	18.74
5	20.28	17.35	18.89	19.74	15.64	17.71	20.22	15.62	17.88	20.89	16.13	18.60
6	20.42	16.93	18.90	20.13	15.56	17.83	20.54	15.71	18.05	20.83	15.89	18.46
7	20.28	16.66	18.65	20.46	15.72	18.05	20.62	15.58	18.13	21.06	16.04	18.58
8	20.35	15.99	18.30	20.47	15.53	18.06	20.94	15.61	18.22	21.00	16.62	18.94
9	20.26	15.40	17.91	20.72	15.46	18.03	21.04	15.88	18.39	21.05	16.64	18.91
10	20.52	15.21	17.86	20.83	15.28	18.08	20.86	15.68	18.16	20.59	16.21	18.49
11	20.65	15.10	17.87	20.94	15.49	18.15	21.03	15.92	18.50	20.40	15.92	18.12
12	20.52	14.94	17.66	21.22	15.97	18.53	20.84	16.49	18.75	20.10	15.72	17.98
13	20.74	14.95	17.57	20.84	15.94	18.44	20.57	16.37	18.49	20.27	16.21	18.24
14	20.68	15.38	17.99	20.39	15.80	18.12	20.29	16.14	18.16	19.82	16.03	17.85
15	20.50	15.52	17.90	20.31	15.76	18.05	19.84	15.91	17.82	19.73	15.80	17.79
16	20.35	15.64	17.84	20.35	15.97	18.13	19.90	15.96	17.90	19.84	16.47	18.10
17	20.28	15.66	17.83	20.14	15.76	18.01	20.14	16.30	18.23	19.81	16.40	18.04
18	19.89	15.59	17.81	19.85	15.71	17.82	20.44	16.77	18.51	19.89	16.37	18.06
19	19.84	15.63	17.77	19.66	15.67	17.60	19.93	16.39	18.17	19.76	16.00	17.89
20	19.72	15.37	17.52	19.69	15.54	17.53	19.98	16.15	17.91	20.05	15.84	17.93
21	19.74	15.19	17.40	19.76	15.62	17.54	19.82	15.91	17.73	20.48	16.73	18.72
22	19.84	15.33	17.47	19.91	15.66	17.65	20.13	16.10	17.98	20.48	16.78	18.76
23	19.75	15.06	17.30	20.04	15.83	17.77	20.27	16.21	18.19	20.26	16.19	18.40
24	20.73	15.96	18.37	20.09	15.81	17.78	20.21	16.02	18.08	20.44	16.18	18.38
25	20.61	16.63	18.66	19.99	15.53	17.62	20.38	16.21	18.24	20.29	15.96	18.12
26	20.74	16.49	18.55	20.12	15.57	17.64	20.35	16.26	18.33	20.12	15.52	17.85
27	20.39	16.42	18.50	20.24	15.84	17.84	20.30	16.28	18.33	20.35	15.69	18.11
28	20.15	16.01	18.00	20.09	15.84	17.90	20.16	16.20	18.25	20.50	16.08	18.33
29	20.05	15.93	17.86	19.96	15.91	17.90	20.27	16.17	18.27	20.24	16.10	18.13
30	19.85	15.93	17.78	19.92	15.87	17.75	20.13	16.11	18.15	20.06	15.66	17.86
31	---	---	---	19.78	15.77	17.81	20.30	16.15	18.23	---	---	---
MONTH	20.74	14.94	18.00	21.22	15.28	17.88	21.04	15.45	18.14	21.09	15.52	18.31
YEAR	21.38	14.41	17.99									

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.--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, 50,400 microsiemens, Oct. 10; minimum, 100 or less microsiemens, many days throughout the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	29400	10300	17800	800	300	466	37300	1850	9830	47700	2430	16300
2	22800	10100	17500	700	300	436	41000	2440	11100	25000	2330	8090
3	25100	8900	15200	600	300	429	47800	3240	17700	22100	2320	4890
4	20900	6900	12300	600	300	435	35800	5740	14400	11700	1820	5050
5	31300	6000	13900	600	300	434	22900	5930	11100	23400	1920	5720
6	44100	9600	21600	600	300	437	24400	4830	10100	15100	1210	3710
7	41900	13100	25100	600	300	440	22300	3520	8370	13100	910	3340
8	45800	16400	28300	700	300	464	27200	3120	10100	26900	1510	8030
9	42500	19900	28500	700	300	434	24600	2710	7930	18600	2100	7150
10	50400	15900	27600	800	300	515	22200	2310	6400	19900	1900	5990
11	30800	6500	16500	1200	300	623	24600	2610	9090	24000	1700	8540
12	15900	4300	7800	1200	300	641	22200	2600	9270	16800	1400	4130
13	12000	2800	4250	1000	300	570	17700	1700	6010	16700	900	4180
14	14600	2200	4250	800	300	514	26700	1000	6910	13600	700	3140
15	8000	1300	2500	900	300	504	24400	4400	12000	7000	500	1690
16	3900	500	1600	898	299	495	15000	2990	5790	1100	100	405
17	2200	400	1170	798	295	510	28700	2390	6610	600	100	316
18	1500	400	871	894	291	486	17200	2780	5880	600	100	301
19	1500	400	761	791	287	490	11100	681	2900	500	100	291
20	1600	300	758	787	284	468	30900	1880	12400	1200	100	360
21	1500	300	704	783	280	474	24900	3470	9530	600	100	321
22	1400	300	711	779	276	457	18600	2170	5420	500	100	268
23	1200	300	690	776	273	478	18500	1560	4130	800	100	281
24	1400	300	742	1270	270	551	2560	360	1310	1600	100	304
25	1200	300	640	868	267	570	25600	460	6630	2500	100	335
26	1100	300	645	1560	263	570	25300	2350	8960	3600	100	483
27	900	300	521	4460	261	935	27300	3750	11000	500	100	256
28	700	300	493	2360	256	736	26800	3450	9290	400	100	227
29	800	300	495	1150	252	647	20600	2940	6910	400	100	227
30	800	300	495	30200	550	6910	32400	2340	7210	400	100	247
31	800	300	490	---	---	---	30400	2340	6690	400	100	246
MONTH	50400	300	8220	30200	252	737	47800	360	8420	47700	100	3060

SANTÉE RIVER BASIN

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE. SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	400	100	258	16000	3200	6500	1800	100	626	1300	100	194
2	400	100	239	7500	500	3370	3500	100	484	2900	100	554
3	400	100	262	7100	200	1930	8900	300	1460	3500	200	803
4	500	100	291	2300	200	943	14000	300	2050	1400	100	297
5	500	100	291	3600	400	1170	1000	100	405	1200	100	330
6	500	100	270	13200	100	1730	500	100	277	300	100	159
7	400	100	280	1100	100	442	500	100	289	200	100	154
8	1100	100	296	15800	100	4390	400	100	253	4300	100	239
9	800	100	283	18400	1300	6460	400	100	223	3500	100	409
10	3500	100	624	18100	1300	4980	400	100	219	300	100	147
11	400	100	246	7300	600	2940	400	100	209	200	100	149
12	400	100	221	17600	500	2380	1100	100	237	300	100	156
13	400	100	212	7900	100	973	3200	100	324	500	100	190
14	400	100	231	500	100	247	300	100	199	503	100	187
15	400	100	254	400	100	237	300	100	171	410	104	189
16	500	100	272	400	100	221	300	100	176	517	111	204
17	400	100	227	300	100	201	300	100	181	425	119	199
18	400	100	235	300	100	184	300	100	182	326	126	193
19	400	100	227	300	100	189	11900	100	2130	16200	132	1640
20	400	100	231	400	100	189	3100	100	931	17400	143	2300
21	500	100	251	300	100	195	5000	100	503	3350	150	1050
22	12900	100	1400	400	100	226	1200	100	404	555	154	329
23	27700	300	9460	600	100	275	900	100	230	468	161	258
24	22200	5200	12900	700	100	308	300	100	184	472	168	278
25	21600	3900	8500	700	100	311	5800	100	512	479	176	301
26	29600	3700	9560	600	100	279	600	100	243	486	183	301
27	21600	4500	11500	600	100	253	300	100	183	494	191	304
28	19200	4500	8620	600	100	278	300	100	168	601	198	323
29	---	---	---	500	100	245	300	100	164	608	205	339
30	---	---	---	600	100	302	300	100	160	615	211	335
31	---	---	---	10000	200	1030	---	---	---	2020	218	495
MONTH	29600	100	2420	18400	100	1400	14000	100	459	17400	100	420
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	9430	225	1620	24200	17300	20700	19800	3500	6800	20400	400	3270
2	29000	632	7240	26700	16600	20200	12700	600	3520	21400	1300	8040
3	24500	4140	10800	28200	14700	19800	10100	1200	2400	19000	2400	7990
4	28700	7450	15600	22400	13500	17400	16800	800	3050	13800	2200	4890
5	33300	14500	24600	20900	9700	15800	16800	1700	3920	10700	1800	3450
6	34200	17000	27500	26000	10100	16700	19100	1600	3760	16300	700	3280
7	33200	17900	27100	35400	11900	19600	11300	1400	2640	30200	1000	5400
8	33100	18000	26200	36500	14000	21900	10700	400	1650	15300	2000	6990
9	34000	17200	24200	45400	13100	23900	7200	300	1270	11200	2200	5830
10	42200	15500	21300	44200	15000	25600	2100	300	845	7900	2100	4670
11	45600	12100	19600	42400	16100	26600	2000	300	861	9200	2100	4690
12	46100	9600	16900	48100	17100	29000	2100	300	772	17200	2000	5940
13	48700	5800	15400	43800	20700	30300	800	300	492	22200	2500	8710
14	44300	7000	17000	37100	21200	29200	700	300	477	19800	2800	7610
15	29400	6100	12700	34600	20100	27800	700	300	483	25100	3300	9020
16	26500	5200	10500	34600	17000	25600	1100	300	512	21400	5600	11300
17	25800	6300	13800	29200	17200	23400	1100	300	485	20700	5600	10900
18	24800	7500	15000	27500	14600	19900	3500	300	653	22100	5300	10300
19	23500	7300	14100	18600	10400	13800	3500	300	773	25200	6200	12700
20	24800	7500	13600	18500	9700	12800	1000	300	484	---	---	---
21	22800	7900	14200	17400	9000	12800	800	300	475	---	---	---
22	28200	10700	18300	17900	7000	10800	800	300	461	---	---	---
23	23500	11700	17000	17400	6800	11000	600	300	414	---	---	---
24	45500	13800	27000	17600	6500	11200	600	300	407	---	---	---
25	41400	19200	29900	20300	6500	12000	500	300	394	---	---	---
26	44700	19700	30300	30200	8500	16200	500	300	398	---	---	---
27	38700	21300	30000	34300	11900	21200	500	300	387	---	---	---
28	35400	21900	28400	31000	15200	23800	500	300	395	---	---	---
29	32700	22200	27300	27800	12600	20400	500	300	396	---	---	---
30	30300	18700	24500	19500	7300	12100	700	300	405	---	---	---
31	---	---	---	24500	5100	9380	4000	300	686	---	---	---
MONTH	48700	225	19400	48100	5100	19400	19800	300	1310	30200	400	7100
YEAR	50400	100	6010									

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).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.36 ft, Nov. 5, 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, 25.36 ft, Nov. 5; minimum, 18.19 ft, Feb. 15 - 16.

GAGE HEIGHT (FEET ABOVE DATUM), OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.84	19.27	21.60	24.55	21.31	23.00	24.38	18.73	21.61	24.67	18.75	21.90
2	23.93	19.13	21.64	25.19	21.61	23.35	24.37	18.61	21.51	24.41	19.02	21.56
3	24.01	19.13	21.62	25.20	21.83	23.32	24.65	18.79	21.89	24.20	18.57	21.32
4	24.13	19.20	21.74	25.23	21.74	23.27	24.17	18.62	21.12	24.27	19.12	21.76
5	24.14	18.54	21.50	25.36	21.75	23.34	23.78	18.20	20.91	24.07	19.65	21.80
6	24.44	18.94	21.75	25.06	21.68	23.11	24.17	18.86	21.42	23.49	19.27	21.30
7	24.25	18.88	21.50	25.03	21.52	23.05	23.89	19.10	21.48	23.29	19.43	21.25
8	24.13	18.87	21.50	24.76	21.34	22.89	23.98	19.47	21.75	23.71	19.84	21.79
9	24.21	19.14	21.70	25.08	21.73	23.44	23.65	19.44	21.60	23.68	19.60	21.55
10	24.95	19.85	22.60	24.61	20.27	22.39	23.60	19.10	21.41	23.65	20.19	21.82
11	23.97	20.23	22.20	23.48	20.37	21.93	23.33	19.65	21.52	24.50	19.83	22.48
12	24.33	20.56	22.46	23.49	20.07	21.86	23.76	19.02	21.42	23.72	19.23	21.63
13	24.11	20.13	22.26	23.81	20.08	22.00	23.29	18.77	20.88	23.09	18.97	21.26
14	24.14	19.95	22.20	24.00	20.10	22.07	23.02	18.64	21.11	23.78	19.50	21.73
15	23.87	19.68	21.91	23.99	20.16	22.02	23.91	19.40	21.44	23.98	19.52	21.91
16	23.98	19.62	22.03	23.91	19.90	21.93	23.28	18.70	20.75	23.95	19.70	21.74
17	24.42	19.96	22.40	23.71	19.81	21.64	23.67	18.62	21.13	23.48	19.07	21.14
18	24.29	20.12	22.12	24.36	19.91	22.19	23.69	19.09	21.23	23.58	19.24	21.24
19	24.01	19.46	21.84	24.17	20.22	22.07	23.38	18.83	20.95	24.26	19.33	21.64
20	24.23	20.02	22.08	23.91	20.07	21.88	24.08	19.53	21.65	23.55	19.64	21.70
21	24.02	20.30	22.05	24.12	20.28	22.07	23.40	19.05	21.15	23.32	19.26	21.00
22	23.73	20.34	21.92	23.75	20.29	21.87	23.28	19.09	21.01	23.51	19.80	21.51
23	23.36	20.87	21.97	23.38	19.95	21.50	23.04	19.06	20.99	23.69	19.93	21.87
24	23.69	20.96	22.22	23.16	19.66	21.29	22.80	18.49	20.52	23.63	19.94	21.72
25	23.91	21.21	22.33	22.91	19.37	21.13	23.01	19.07	21.15	24.18	20.09	22.22
26	23.79	21.03	22.26	22.87	19.22	21.02	23.59	18.99	21.35	24.46	19.74	22.25
27	24.09	21.69	22.78	23.13	19.04	21.11	23.89	19.17	21.66	24.32	19.77	22.02
28	23.96	21.36	22.69	23.68	18.84	21.34	24.11	18.59	21.39	24.41	19.63	22.09
29	23.98	21.36	22.72	23.80	18.37	21.03	24.11	18.60	21.38	24.45	19.52	22.15
30	24.20	21.40	22.83	24.09	18.22	21.40	24.22	18.54	21.39	24.78	19.84	22.38
31	24.23	21.34	22.79	---	---	---	24.08	18.39	21.18	24.11	19.72	21.81
MONTH	24.95	18.54	22.10	25.36	18.22	22.15	24.65	18.20	21.29	24.78	18.57	21.73

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

Extremes for Period of Daily Record.--

Specific Conductance: Maximum, 46,700 microsiemens, Oct. 10, 1990; minimum, 100 or less microsiemens, many days each year.

Extremes for Current Year.--

Specific Conductance: Maximum, 46,700 microsiemens, Oct. 10; minimum, 100 or less microsiemens, many days during the year.

Specific Conductance (Microsiemens/cm at 25°C), Water Year October 1990 to September 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13200	300	4460	200	100	165	12100	200	1720	30700	200	4380
2	12100	300	4990	200	100	155	17200	200	2670	9100	200	1390
3	10700	300	3710	200	100	144	37300	200	8940	3200	200	767
4	14200	300	3750	200	100	151	23600	400	5570	2900	200	630
5	16100	200	4150	200	100	148	11900	300	2790	1500	100	332
6	29800	400	10600	200	100	159	12100	200	2240	900	100	244
7	---	---	---	200	100	165	3300	200	734	400	100	223
8	---	---	---	300	100	195	1600	200	389	500	100	226
9	25200	1900	10300	200	100	162	1500	100	374	400	100	211
10	46700	1700	16100	300	100	180	900	200	310	500	100	211
11	14300	200	2930	300	100	195	800	100	268	1700	100	299
12	1700	200	592	300	100	181	600	200	268	300	100	201
13	900	200	304	300	100	190	700	200	257	500	100	227
14	900	200	277	300	100	179	600	100	256	800	100	230
15	700	100	259	400	100	187	1100	100	291	800	100	239
16	600	100	244	300	100	178	900	200	320	500	100	207
17	600	100	243	300	100	180	1700	200	473	800	100	226
18	800	200	248	300	100	196	2300	200	597	400	100	207
19	800	100	257	300	100	191	2900	200	693	300	100	212
20	800	100	219	200	100	176	3400	200	560	500	100	216
21	700	100	193	200	100	174	300	100	229	400	100	216
22	300	100	179	200	100	178	500	100	218	300	100	214
23	300	100	184	300	100	185	700	100	264	300	100	203
24	500	100	181	300	100	174	500	100	222	300	100	197
25	300	100	190	400	100	181	600	200	264	400	100	197
26	300	100	205	400	100	183	1300	100	280	1500	100	384
27	300	100	188	500	100	204	1000	200	278	300	100	199
28	200	100	181	400	100	191	500	100	247	400	100	202
29	200	100	168	500	100	209	1200	100	372	400	100	196
30	300	100	180	3500	200	604	3800	100	933	400	100	199
31	200	100	161	---	---	---	8300	200	1800	300	100	196
MONTH	46700	100	2260	3500	100	192	37300	100	1120	30700	100	428

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.--Data collection platform. 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 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, 75.84 ft, Aug. 1; minimum, 70.33 ft, Jan. 18.

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 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.49	74.81	73.97	72.94	71.47	73.97	74.46	74.52	75.30	75.48	75.60	74.58
2	74.45	74.67	74.22	72.69	71.55	74.11	74.25	74.48	75.56	75.36	75.50	74.74
3	74.25	74.73	74.02	72.56	71.66	74.18	74.16	74.40	75.58	75.46	75.24	75.04
4	74.49	74.81	74.08	72.25	71.62	74.15	74.21	74.47	75.51	75.58	75.15	75.02
5	74.41	74.74	73.66	72.37	71.64	74.05	74.34	74.60	75.49	75.53	75.20	74.98
6	74.37	74.84	73.50	72.32	71.69	73.88	74.53	74.73	75.56	75.66	75.35	74.94
7	74.35	74.74	73.77	71.88	71.84	73.84	74.53	74.75	75.58	75.18	75.33	74.87
8	73.98	74.66	73.92	71.46	71.68	73.97	74.52	74.75	75.48	75.20	75.35	74.89
9	74.04	74.70	73.89	71.55	71.68	74.21	74.52	74.70	75.40	75.26	75.48	75.03
10	74.39	74.59	73.90	71.63	71.66	74.44	74.68	74.55	75.30	75.21	75.41	75.09
11	74.11	74.48	73.91	71.53	71.66	74.57	74.84	74.60	75.32	75.28	75.42	74.94
12	74.25	74.41	73.63	71.33	71.90	74.56	74.83	74.62	75.42	75.30	75.44	74.80
13	74.04	74.29	73.65	71.18	72.25	74.63	74.84	74.73	75.32	75.35	75.53	74.86
14	73.84	74.14	73.66	71.20	72.62	74.69	74.89	74.63	75.34	75.34	75.22	74.77
15	73.56	74.10	73.71	71.04	72.51	74.66	74.90	74.84	75.43	75.44	75.09	74.76
16	73.34	73.93	73.73	70.91	72.45	74.69	74.93	74.93	75.50	75.35	74.91	74.72
17	73.30	73.93	73.60	70.50	72.58	74.75	74.90	74.96	75.45	75.20	74.80	74.77
18	73.60	73.88	73.46	70.39	72.95	74.84	74.73	74.99	75.47	75.37	74.69	74.86
19	73.79	73.72	73.27	70.48	73.06	74.78	74.85	75.06	75.16	75.33	74.60	74.91
20	74.03	73.74	73.13	70.69	73.22	74.82	74.89	74.93	75.18	74.97	74.73	74.97
21	74.26	73.86	73.12	70.80	73.20	74.95	74.91	74.55	75.17	74.69	74.82	74.94
22	74.46	73.94	73.15	70.83	73.35	74.94	74.82	74.48	75.15	74.79	74.84	74.90
23	74.76	73.78	73.13	70.95	73.07	74.92	74.79	74.42	75.16	74.87	74.85	74.68
24	74.68	73.99	73.20	71.16	73.22	74.88	74.66	74.20	75.26	74.98	75.04	74.69
25	74.64	74.09	73.15	71.07	73.61	74.66	74.56	74.13	75.03	75.08	75.11	74.80
26	74.29	73.88	73.12	71.15	73.74	74.59	74.49	74.13	75.13	75.32	75.04	74.93
27	74.17	73.65	72.80	71.28	73.78	74.62	74.50	74.06	75.25	75.50	74.89	74.98
28	74.26	73.81	72.85	71.43	73.87	74.60	74.40	74.15	75.11	75.32	75.08	75.03
29	74.38	73.95	73.09	71.54	---	74.59	74.34	74.78	74.83	75.34	75.16	75.08
30	74.53	73.78	73.12	71.60	---	74.60	74.47	75.11	75.23	75.44	75.06	75.06
31	74.64	---	73.12	71.46	---	74.61	---	75.25	---	75.31	74.70	---
MAX	74.76	74.84	74.22	72.94	73.87	74.95	74.93	75.25	75.58	75.66	75.60	75.09
MIN	73.30	73.65	72.80	70.39	71.47	73.84	74.16	74.06	74.83	74.69	74.60	74.58
[+]	27.32	25.29	23.73	19.81	25.50	27.25	26.92	28.76	28.71	28.90	27.46	28.31
[*]	-105	-783	-582	-1,464	2,352	653	-127	687	-19	80	-538	328
CAL YR 1990	* 50.1		MAX	75.61	MIN	70.25						
WTR YR 1991	* 22.5		MAX	75.66	MIN	70.39						

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

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

COOPER RIVER BASIN

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at power plant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northwest of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to current year. Data prior to 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, 13.67 ft, June 26, 1991; minimum gage height, 2.44 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.67 ft, June 26; minimum gage height, 2.44 ft, Feb. 16.

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	10.32	5.11	7.44	9.44	4.58	6.96	11.01	3.42	7.02
2	---	---	---	11.80	5.19	9.25	8.34	4.14	6.85	9.99	5.23	8.24
3	---	---	---	11.75	5.77	8.57	11.25	4.61	8.07	9.16	5.15	7.59
4	---	---	---	10.71	5.26	7.69	10.99	5.38	7.89	12.02	6.13	8.51
5	---	---	---	10.79	5.11	8.05	11.25	5.26	8.26	9.41	5.67	7.59
6	---	---	---	9.22	5.26	7.68	10.08	5.76	7.95	9.59	5.65	7.29
7	---	---	---	9.80	5.97	8.18	8.09	4.83	6.68	11.79	5.99	8.81
8	---	---	---	10.66	5.90	8.05	8.13	5.11	7.11	12.26	5.50	8.80
9	---	---	---	10.39	6.41	8.31	10.82	5.21	7.23	8.81	5.34	6.90
10	---	---	---	10.11	6.72	8.30	9.63	5.21	7.25	7.93	5.01	6.55
11	---	---	---	9.85	5.71	7.33	9.96	5.16	7.23	10.28	5.34	7.75
12	---	---	---	10.07	5.22	7.27	11.81	5.57	8.34	8.68	5.87	7.17
13	---	---	---	10.07	5.55	7.51	11.31	5.16	7.44	10.19	4.10	6.68
14	---	---	---	11.81	5.60	7.98	9.85	3.73	6.76	11.31	4.91	7.27
15	---	---	---	11.13	5.56	7.62	8.56	4.91	6.84	9.29	4.88	6.96
16	---	---	---	10.68	5.18	7.97	9.88	4.38	6.94	9.16	5.24	7.57
17	---	---	---	10.84	5.26	7.38	10.97	4.02	7.06	10.91	4.63	7.91
18	---	---	---	10.87	5.05	7.55	10.50	4.83	7.55	11.14	5.04	7.76
19	9.12	4.83	7.22	10.62	6.07	8.16	9.97	4.65	7.23	11.31	4.44	8.14
20	9.16	5.26	7.21	9.85	5.21	7.45	9.01	4.55	7.10	9.38	5.49	7.44
21	9.60	5.27	7.34	10.14	5.29	7.30	11.25	4.78	7.68	10.41	5.49	7.07
22	11.34	5.02	7.85	8.38	5.29	7.12	8.08	4.45	6.56	10.88	4.81	7.30
23	8.07	5.17	6.85	11.66	5.79	7.96	8.65	4.53	6.58	9.19	5.44	7.45
24	11.05	4.96	7.64	9.17	4.27	6.52	8.33	3.84	6.10	9.02	5.45	7.13
25	11.04	5.55	7.67	7.52	4.25	6.47	8.23	4.52	6.57	11.92	5.49	8.61
26	11.70	5.02	7.62	11.06	4.64	7.57	9.48	4.60	7.15	10.26	5.95	7.73
27	10.14	6.10	7.71	11.32	5.35	8.01	11.69	4.98	8.74	11.54	5.58	7.52
28	10.51	6.15	7.69	10.60	4.62	6.84	11.10	5.77	7.89	9.26	4.86	7.33
29	10.98	5.62	7.71	10.88	4.24	6.87	8.81	4.47	6.72	8.60	4.63	7.05
30	10.75	5.93	7.90	11.60	3.65	7.51	9.31	4.07	6.75	10.20	5.33	8.44
31	11.29	5.55	7.65	---	---	---	8.04	4.18	6.22	11.82	5.84	8.96
MONTH	11.70	4.83	7.54	11.81	3.65	7.66	11.81	3.73	7.22	12.26	3.42	7.63

COOPER RIVER BASIN

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCK'S CORNER, SC

LOCATION.--Lat 33°12'54'', long 79°58'29'', Berkeley County, Hydrologic Unit 03050201, on upstream side of left fender pier, under U.S. Highway 52 bridge, 2.2 mi below Lake Moultrie Pinopolis Dam, and at mile 45.8

DRAINAGE AREA.--Indeterminate.

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

GAGE.--Water-stage recorder. Datum of gage is 0.82 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges, Oct. 1 - 18. Records poor. Discharge records computed by utilization of One-Dimensional unsteady flow simulation model. Two auxiliary water-stage recorders (sta 021720011 and 02172065) are used in conjunction with this station for computation of discharge. Flow affected by tide and regulation from Lake Moultrie (see sta 02172000). 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 Jefferies Hydro-electric Plant.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8710	4450	3460	4970	6270	4230	8730	3000	18500	7810	11700	8140
2	4270	13000	3390	9060	4460	4060	9350	5160	20500	10700	6160	848
3	4410	7590	8600	7110	3200	9110	7290	6050	18100	14900	11000	5840
4	930	4120	6260	9330	8650	9210	7440	3450	20600	10100	10700	6390
5	5660	6870	9460	2830	4850	4550	10100	4340	21500	16600	4320	4600
6	6450	4340	6960	4440	5070	9020	6650	3760	16700	15500	5040	4860
7	4610	6310	831	12000	4990	8540	12300	6120	17200	24600	3670	5020
8	6770	5010	2680	10400	11100	7890	9420	2940	19800	12300	4820	5280
9	3150	4520	3800	3030	4600	6900	9230	7290	18600	8720	6360	4620
10	3710	6380	4900	975	5420	7490	4220	10700	18500	11900	4010	4200
11	4730	4600	5270	5470	6590	9230	2040	7040	11700	10700	4340	9630
12	7820	6060	9470	3260	3640	9410	6450	7200	13600	6700	3150	7020
13	4610	5550	6970	5520	3350	9930	7500	5480	9790	10900	7410	3460
14	5420	7580	7020	4580	6250	7940	9040	11700	4440	9530	7780	10400
15	6630	5850	3250	3240	9650	9400	8730	717	1100	5440	7560	4660
16	3540	7820	6100	6210	5940	8530	7930	2690	4170	16500	8370	4890
17	5210	5680	6070	9910	2920	8370	9900	3010	4320	12800	8920	3080
18	3050	5120	6690	7410	903	7760	13000	3870	6060	7120	8970	4040
19	4630	7310	6040	9950	5260	9940	4810	599	6490	17400	10100	6390
20	3280	4630	4870	3470	5180	7960	5850	4300	9720	24400	1630	5310
21	4020	3710	7120	5650	8890	3560	7530	6720	11100	21100	4220	4910
22	7670	3110	3180	5980	7530	5910	8280	4980	11000	10700	3620	5890
23	3620	8960	3590	4100	11700	5590	7290	6250	13300	7520	4330	11100
24	7850	3330	3180	4120	4750	4660	11700	9580	11400	6560	3870	4300
25	6530	2820	4320	10000	3260	6110	10700	7930	20200	8650	4080	3710
26	7920	9140	5680	4810	4250	6360	11000	4290	15700	2130	4530	3240
27	4320	8570	12300	3930	3160	6260	8090	9280	11200	4270	11400	4620
28	3620	4370	6670	4480	3640	5040	11600	4100	26800	6250	4140	2700
29	5300	5490	3450	3810	---	5830	9880	5640	26200	3860	8020	3580
30	5080	7480	4100	9410	---	6290	8140	8340	3980	6610	8530	5230
31	4640	---	1480	11900	---	6040	---	15200	---	7660	11300	---
TOTAL	158160	179770	167161	191355	155473	221120	254190	181726	412270	339930	204050	157958
MEAN	5102	5992	5392	6173	5553	7133	8473	5862	13740	10970	6582	5265
MAX	8710	13000	12300	12000	11700	9940	13000	15200	26800	24600	11700	11100
MIN	930	2820	831	975	903	3560	2040	599	1100	2130	1630	848

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1991, BY WATER YEAR (WY)

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	7159	7340	11210	12480	13190	13090	12060	10500	9617	8795	8065	6261	
MAX	21110	21700	22060	23480	27000	28630	28400	25660	21230	17670	20280	16560	
(WY)	1980	1980	1983	1983	1979	1979	1979	1979	1979	1979	1984	1979	
MIN	3855	3828	4059	3490	3958	4582	4139	3148	3089	3074	2658	3227	
(WY)	1986	1986	1988	1988	1988	1989	1981	1986	1988	1986	1988	1985	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1979 - 1991

ANNUAL TOTAL	2151941	2623163		
ANNUAL MEAN	5896	7187		
HIGHEST ANNUAL MEAN			10390	
LOWEST ANNUAL MEAN			18220	1980
HIGHEST DAILY MEAN	13800	Apr 4	3804	1988
LOWEST DAILY MEAN	831	Dec 7	33700	Nov 25 1979
ANNUAL SEVEN-DAY MINIMUM	4210	Aug 1	-237	Feb 2 1988
10 PERCENT EXCEEDS	9130		1790	Mar 19 1985
50 PERCENT EXCEEDS	5180		22900	
90 PERCENT EXCEEDS	3450		6780	
			2540	

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, 15.47 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.81 ft, June 25; minimum, 15.47 ft, Feb. 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	22.64	19.48	20.98	22.44	19.03	20.82	22.19	18.53	20.42	22.51	17.47	20.34
2	22.31	19.54	20.77	23.09	19.11	21.53	21.78	18.15	20.27	22.58	18.75	20.96
3	22.11	19.24	20.74	23.00	19.65	21.49	22.53	18.54	20.85	21.89	18.42	20.47
4	21.93	19.07	20.56	22.38	19.17	20.92	22.21	19.08	20.56	22.47	19.07	21.08
5	22.02	18.22	20.61	22.80	19.01	21.14	21.79	18.07	20.38	22.08	19.45	20.88
6	22.29	19.00	21.03	22.37	19.07	20.95	22.22	19.35	20.86	21.55	19.16	20.41
7	22.65	19.17	21.01	22.21	19.92	21.05	21.69	18.77	20.36	21.81	19.73	20.85
8	22.65	18.76	21.00	22.21	20.11	21.11	21.77	19.00	20.57	22.00	19.13	20.98
9	22.56	18.84	20.81	22.69	20.68	21.59	21.48	19.10	20.49	21.45	19.07	20.28
10	23.15	19.51	21.46	22.49	19.98	21.42	21.51	19.37	20.48	21.42	18.83	20.19
11	22.93	19.96	21.70	21.63	19.43	20.60	21.71	19.09	20.48	22.08	19.47	20.97
12	23.61	20.40	22.05	21.71	19.07	20.45	22.39	19.44	20.93	21.74	19.50	20.58
13	22.88	20.62	21.74	22.13	19.43	20.73	21.94	19.09	20.38	21.38	18.03	19.89
14	22.82	20.42	21.56	22.40	19.44	20.87	21.54	17.71	19.88	22.30	18.81	20.44
15	22.48	20.10	21.36	22.38	19.43	20.79	21.76	18.83	20.30	22.06	18.75	20.46
16	22.27	19.64	21.02	22.13	19.05	20.76	21.21	18.29	19.90	22.25	19.07	20.74
17	22.51	19.60	21.27	21.83	18.97	20.45	21.78	18.02	20.06	21.83	17.99	20.22
18	22.32	19.74	21.06	22.59	18.92	20.77	21.61	18.73	20.49	22.11	18.92	20.39
19	21.84	18.71	20.55	22.25	19.33	20.93	21.26	18.54	20.07	22.25	18.28	20.61
20	21.80	19.08	20.61	21.75	19.05	20.60	21.98	18.44	20.36	22.23	19.29	20.75
21	21.92	19.16	20.70	21.83	18.99	20.63	21.40	18.67	20.36	21.30	18.71	19.97
22	22.41	18.86	20.71	21.72	19.11	20.53	21.42	18.33	20.03	21.12	18.72	20.17
23	21.62	19.19	20.28	21.88	19.06	20.64	21.04	18.35	19.94	21.73	19.26	20.71
24	21.98	18.62	20.55	21.19	18.16	19.93	20.94	17.87	19.42	21.55	19.32	20.48
25	21.81	19.48	20.63	21.08	18.29	19.86	21.35	18.47	19.89	22.15	19.60	21.27
26	21.57	19.06	20.28	21.36	18.93	20.12	21.32	19.01	20.31	22.36	19.79	21.02
27	21.98	19.98	20.99	21.50	18.75	20.58	22.02	18.95	20.92	22.49	19.46	20.87
28	21.95	19.69	21.03	21.45	18.51	20.13	22.04	19.65	20.83	21.98	18.74	20.63
29	22.05	19.48	20.96	21.36	18.18	19.96	21.65	18.44	20.17	22.10	18.54	20.52
30	22.48	19.80	21.14	22.25	17.68	20.42	21.74	18.03	20.12	22.84	19.15	21.34
31	22.57	19.46	20.92	---	---	---	21.58	18.13	19.87	22.44	19.51	21.28
MONTH	23.61	18.22	20.97	23.09	17.68	20.73	22.53	17.71	20.32	22.84	17.47	20.64

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, 141 microsiemens, Sept. 11; minimum, 72 microsiemens, Aug. 3.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	106	99	101	99	96	97	85	82	84	106	90	94
2	102	98	100	97	91	95	91	83	85	103	86	89
3	102	99	101	95	92	93	88	82	86	94	86	89
4	104	99	101	99	92	94	91	82	85	88	86	87
5	103	100	102	100	88	93	85	83	84	89	86	87
6	107	100	102	94	88	90	90	82	85	90	88	89
7	103	99	101	92	87	89	88	86	87	90	85	88
8	103	99	101	90	86	88	90	87	87	88	85	86
9	105	100	101	90	87	88	90	88	89	91	86	87
10	107	98	102	89	83	85	90	88	89	92	88	90
11	104	96	99	86	79	83	90	87	88	93	90	91
12	103	92	98	87	81	84	89	85	87	94	90	91
13	98	88	95	86	81	84	87	85	86	94	90	92
14	100	92	97	85	82	83	92	86	88	90	88	89
15	99	95	97	85	83	83	89	87	88	91	88	89
16	101	97	99	84	82	83	89	87	88	91	88	89
17	101	97	99	86	82	84	90	86	88	89	87	88
18	104	98	99	84	83	83	88	86	87	---	---	---
19	102	99	101	84	81	82	88	86	87	---	---	---
20	102	99	100	85	81	83	88	86	87	---	---	---
21	102	99	101	85	82	83	88	85	87	---	---	---
22	103	99	101	86	83	84	90	85	87	---	---	---
23	101	98	99	85	82	84	90	87	89	---	---	---
24	103	99	101	87	82	83	92	89	90	---	---	---
25	118	98	102	86	84	85	91	88	90	---	80	86
26	117	98	102	87	83	85	91	86	88	90	86	88
27	118	95	103	84	82	83	90	85	87	89	84	86
28	110	96	102	84	82	83	87	85	86	89	82	86
29	111	97	101	86	84	85	88	86	87	90	84	87
30	113	96	101	87	82	84	90	88	89	93	86	89
31	113	96	103	---	---	---	98	89	91	91	82	87
MONTH	118	88	100	100	79	86	98	82	87	106	80	88

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.--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, 15.22 ft, June 25; minimum, 6.85 ft, Feb. 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	14.17	11.08	12.46	13.93	10.57	12.34	13.73	10.11	11.94	13.90	9.15	11.88
2	13.81	10.94	12.29	14.54	10.69	12.98	13.38	9.63	11.81	14.09	10.27	12.43
3	13.61	10.83	12.25	14.45	11.22	12.96	14.05	10.05	12.35	13.37	9.95	11.95
4	---	---	---	13.84	10.71	12.44	14.01	10.40	12.05	13.91	10.53	12.55
5	13.52	9.72	12.10	14.24	10.52	12.63	---	---	---	13.65	11.06	12.41
6	13.86	10.60	12.52	13.93	10.67	12.46	---	---	---	13.11	10.73	11.93
7	14.07	10.79	12.51	13.77	11.22	12.54	---	---	---	13.34	11.35	12.29
8	14.11	10.36	12.47	13.73	11.46	12.62	13.28	10.53	12.06	---	---	---
9	13.97	10.43	12.34	14.21	12.11	13.12	13.02	10.73	11.98	12.96	10.56	11.84
10	14.59	11.04	12.99	14.04	11.36	12.91	---	---	---	12.95	10.47	11.78
11	---	---	---	13.15	10.85	12.10	---	---	---	13.63	10.73	12.49
12	---	---	---	13.21	10.63	11.97	---	---	---	13.32	11.06	12.12
13	---	---	---	13.67	10.95	12.25	13.37	10.62	11.84	12.83	9.60	11.44
14	---	---	---	13.96	11.00	12.38	12.95	9.35	11.39	13.85	10.39	11.99
15	---	---	---	13.98	11.00	12.32	13.28	10.41	11.82	13.60	10.31	11.99
16	---	---	---	13.69	10.61	12.28	12.71	9.85	11.41	13.76	10.62	12.24
17	---	---	---	13.31	10.43	11.98	13.26	9.60	11.57	13.38	9.62	11.71
18	13.85	11.36	12.57	14.18	10.52	12.31	13.18	10.24	11.97	13.64	10.45	11.89
19	13.48	10.27	12.07	---	---	---	12.79	10.10	11.57	13.66	9.88	12.09
20	13.33	10.67	12.14	---	---	---	13.46	10.03	11.88	13.74	10.84	12.25
21	13.35	10.76	12.22	13.39	10.62	12.18	12.93	10.26	11.83	12.85	10.13	11.45
22	13.89	10.47	12.21	13.24	10.75	12.08	12.87	9.91	11.54	12.65	10.22	11.65
23	13.16	10.76	11.80	13.41	10.55	12.13	12.52	9.96	11.45	13.27	10.80	12.19
24	13.54	10.23	12.04	12.70	9.72	11.47	12.47	9.27	10.93	13.10	10.87	11.98
25	13.29	11.02	12.11	12.60	9.81	11.41	12.84	10.03	11.41	13.61	11.30	12.75
26	13.06	10.63	11.76	12.76	10.39	11.61	12.85	10.49	11.80	13.82	11.33	12.53
27	13.49	11.62	12.50	12.88	10.21	12.05	13.41	10.48	12.36	13.92	10.94	12.38
28	13.48	11.16	12.55	12.93	10.10	11.68	13.49	11.05	12.30	13.50	10.31	12.14
29	13.53	11.07	12.47	12.95	9.83	11.48	13.21	9.97	11.69	13.64	10.05	12.05
30	13.98	11.40	12.60	13.75	9.17	11.91	13.21	9.58	11.65	14.32	10.68	12.81
31	14.07	11.03	12.44	---	---	---	13.14	9.69	11.42	---	---	---
MONTH	14.59	9.72	12.32	14.54	9.17	12.24	14.05	9.27	11.76	14.32	9.15	12.11

COOPER RIVER BASIN

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, 156 microsiemens, Dec. 3, Jan. 1; minimum, 75 microsiemens, Aug. 3, 4.

pH: Maximum, 8.0 units, Mar. 11; minimum, 6.2 units, Aug. 25, 26.

WATER TEMPERATURE: Maximum, 30.5°C, July 23, 24; minimum, 8.5°C, Feb. 16, 17.

DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Feb. 4; minimum 2.1 mg/L, July 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	110	105	107	107	102	104	95	88	90	156	95	105
2	108	104	106	106	97	102	114	89	94	124	90	98
3	108	105	107	101	97	98	156	91	99	102	90	94
4	113	106	108	101	97	98	105	89	93	94	90	92
5	120	107	110	102	93	98	---	---	---	92	90	91
6	122	107	111	98	93	95	---	---	---	95	92	93
7	114	107	110	97	92	94	---	---	---	95	90	93
8	113	107	110	96	91	93	---	---	---	92	90	90
9	113	109	110	96	91	93	96	91	93	94	90	91
10	124	104	109	94	89	91	---	---	---	95	92	94
11	---	---	---	96	86	91	---	---	---	100	94	95
12	---	---	---	99	85	90	---	---	---	99	94	96
13	---	---	---	99	85	90	---	---	---	99	95	97
14	---	---	---	100	86	87	96	90	93	98	94	96
15	---	---	---	88	86	87	95	92	93	100	94	96
16	---	---	---	99	86	89	95	91	93	101	95	96
17	---	---	---	89	87	88	95	91	92	95	93	94
18	---	---	---	88	87	87	94	91	92	94	92	93
19	113	108	111	---	---	---	93	90	91	95	92	93
20	114	111	112	---	---	---	93	91	92	92	91	92
21	113	110	112	---	---	---	93	91	92	92	85	91
22	116	110	112	92	89	90	93	91	92	90	83	88
23	112	109	110	93	89	91	94	92	93	91	83	88
24	116	110	112	93	88	90	95	94	95	90	86	89
25	113	109	111	93	90	91	97	94	96	91	87	89
26	113	108	110	93	89	92	98	92	95	91	89	90
27	111	107	109	90	88	89	97	90	93	89	86	87
28	111	107	108	92	89	90	92	90	91	90	85	88
29	111	107	109	94	91	92	95	91	93	89	85	88
30	113	103	106	94	89	91	102	92	95	92	87	89
31	104	102	103	---	---	---	112	93	97	92	85	89
MONTH	124	102	109	107	85	92	156	88	93	156	83	92

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

COOPER RIVER BASIN

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, 263 microsiemens, Jan. 1; minimum, 69 microsiemens, Feb. 1, 2.

pH: Maximum, 8.0 units, Mar. 12; 6.1 units, Aug. 3, 4, 15, 16.

WATER TEMPERATURE: Maximum, 30.5°C, July 13, 14, 23 - 26; minimum, 8.5°C, Jan. 26, 27, Feb. 17.

DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Jan. 28, Feb. 10, 11, 28; minimum, 1.4 mg/L, Aug. 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	125	112	118	107	93	101	118	91	101	263	104	174
2	119	112	115	111	100	106	151	95	111	196	100	145
3	117	109	114	114	103	109	242	100	145	143	95	117
4	123	112	115	121	105	113	133	94	118	103	90	98
5	150	112	124	126	108	116	122	88	102	101	88	91
6	167	111	127	123	107	112	109	87	91	98	90	93
7	125	114	119	120	100	108	107	86	94	96	89	91
8	123	112	117	111	93	102	106	90	96	91	87	89
9	122	109	115	115	91	99	109	91	99	92	87	90
10	147	111	121	114	101	106	112	93	102	95	89	91
11	144	113	124	117	90	106	114	92	103	128	90	105
12	120	111	114	102	89	96	108	88	97	107	95	101
13	118	108	113	99	86	91	109	89	98	108	94	101
14	118	110	113	92	84	87	118	89	98	100	93	98
15	115	107	111	95	85	89	95	89	91	118	95	104
16	115	105	110	99	86	92	98	89	92	119	96	107
17	113	103	107	103	86	96	100	89	92	107	91	97
18	117	107	111	100	84	88	99	88	92	95	89	91
19	126	95	111	94	83	87	93	88	90	95	88	91
20	112	98	104	99	84	91	94	90	92	92	88	90
21	117	104	108	98	82	91	94	88	90	94	80	88
22	121	107	111	104	87	96	93	88	90	87	75	82
23	123	106	115	114	90	101	93	88	91	86	76	83
24	125	104	113	121	96	104	98	90	93	87	79	83
25	117	103	108	115	91	101	97	91	94	87	82	84
26	113	91	103	120	93	105	107	92	97	86	82	84
27	94	91	92	104	92	99	124	88	100	85	81	83
28	99	91	94	111	88	97	95	87	90	87	79	83
29	99	91	94	116	90	100	99	88	93	91	82	85
30	97	91	94	119	91	99	116	91	99	90	84	86
31	101	92	96	---	---	---	147	95	109	88	75	82
MONTH	167	91	111	126	82	100	242	86	98	263	75	96

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE. SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25.5	25.0	25.0	19.0	17.0	18.0	15.0	14.0	14.5	14.5	13.5	14.0
2	25.5	25.0	25.5	19.5	17.5	19.0	15.5	14.5	15.0	13.5	13.0	13.5
3	25.5	25.0	25.5	20.0	18.5	19.5	16.5	15.0	16.0	13.0	12.5	13.0
4	26.0	25.0	25.5	20.0	19.0	19.5	17.0	15.5	16.5	13.0	12.5	12.5
5	26.0	25.0	25.5	20.5	19.0	20.0	15.5	14.0	14.5	12.5	12.5	12.5
6	26.0	25.0	25.5	20.0	19.5	19.5	14.0	13.0	13.5	13.0	12.5	12.5
7	26.0	25.0	25.5	19.5	19.0	19.5	14.0	13.0	13.5	13.5	13.0	13.0
8	26.0	25.5	25.5	19.0	18.0	18.5	13.5	12.5	13.0	13.5	12.0	12.5
9	26.0	25.0	25.5	18.5	17.5	18.0	13.0	12.0	12.5	12.0	11.5	12.0
10	25.5	25.5	25.5	19.0	18.0	18.5	12.5	12.0	12.5	11.5	11.5	11.5
11	25.5	24.0	25.0	18.0	16.5	17.5	---	---	---	12.0	11.5	12.0
12	24.5	24.0	24.0	17.5	16.5	17.0	---	---	---	13.0	12.0	12.5
13	24.5	23.5	24.0	17.0	16.0	16.5	---	---	---	12.5	11.5	12.0
14	25.0	24.0	24.5	17.0	15.5	16.5	13.5	12.5	13.0	12.0	11.5	11.5
15	25.0	24.0	24.5	17.0	15.0	16.0	13.5	13.0	13.5	12.0	11.0	11.5
16	24.5	24.0	24.5	17.0	15.0	16.5	14.0	13.5	13.5	13.5	12.0	13.0
17	24.5	23.5	24.5	17.0	15.5	16.5	14.5	14.0	14.0	13.0	12.5	12.5
18	24.5	23.5	24.0	16.5	14.5	15.5	15.0	14.0	14.5	12.5	11.5	12.0
19	24.5	22.5	23.5	15.5	14.0	15.0	---	---	---	12.0	11.5	11.5
20	23.5	21.5	22.5	16.0	14.0	15.0	---	---	---	11.5	11.5	11.5
21	22.5	21.5	22.0	16.0	14.5	15.5	14.5	14.0	14.5	11.5	11.0	11.5
22	22.5	21.5	22.5	16.0	14.5	15.5	15.0	14.0	14.5	11.0	10.0	10.5
23	23.5	22.5	23.0	16.0	14.5	15.5	16.0	15.0	15.5	10.5	9.5	10.0
24	23.0	22.0	23.0	15.5	14.5	15.5	16.5	15.5	16.0	10.0	9.0	9.5
25	23.0	21.5	22.5	15.5	14.5	15.0	15.5	14.0	15.0	9.5	9.0	9.5
26	21.5	19.5	20.5	15.5	15.0	15.5	14.0	13.0	13.5	9.5	8.5	9.0
27	20.0	19.0	19.5	16.0	15.0	15.5	13.0	12.5	12.5	9.5	8.5	9.0
28	19.5	19.0	19.0	17.0	16.0	16.5	12.5	12.0	12.0	10.0	9.0	9.5
29	19.0	18.0	18.5	18.0	17.0	17.5	12.5	12.0	12.5	10.5	10.0	10.0
30	18.5	17.5	18.0	17.0	14.5	15.5	14.0	12.5	13.0	11.5	10.5	11.0
31	18.5	17.0	18.0	---	---	---	15.0	13.5	14.5	13.0	11.0	12.0
MONTH	26.0	17.0	23.5	20.5	14.0	17.0	17.0	12.0	14.0	14.5	8.5	11.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.0	10.5	11.0	14.0	12.5	13.5	19.0	17.5	18.5	24.5	22.5	23.0
2	11.5	10.5	11.0	14.5	14.0	14.5	19.0	18.0	18.5	24.5	23.5	24.0
3	12.0	11.0	11.5	15.0	14.0	14.5	19.0	18.0	18.5	24.5	23.0	24.0
4	12.0	11.5	11.5	15.5	13.0	14.5	19.0	18.5	19.0	24.5	23.5	24.0
5	12.5	11.5	12.0	15.0	13.0	14.0	19.0	18.0	18.5	24.5	23.0	23.5
6	12.5	12.0	12.5	14.5	13.0	14.0	20.5	18.0	19.0	25.0	23.0	24.0
7	13.0	12.0	12.5	16.5	13.5	15.0	21.0	19.0	19.5	26.0	23.5	24.5
8	13.0	11.0	12.0	16.5	13.5	14.5	21.0	19.0	19.5	25.0	23.5	24.0
9	12.5	11.0	11.5	14.5	13.0	13.5	20.5	19.0	20.0	25.0	23.5	24.5
10	12.5	11.5	12.0	14.0	13.0	13.5	21.5	19.5	20.0	25.0	23.5	24.0
11	13.0	12.0	12.5	13.5	12.5	13.0	21.5	20.0	20.5	25.5	23.5	24.0
12	12.5	12.0	12.0	14.0	13.0	13.5	21.5	20.5	21.0	25.5	23.5	24.0
13	12.5	12.0	12.0	14.0	13.0	13.5	21.0	20.0	20.5	25.0	23.5	24.0
14	13.5	12.0	12.5	15.0	13.5	14.0	21.5	20.0	20.5	25.0	24.0	24.0
15	13.0	10.5	12.0	14.5	13.5	14.0	22.0	20.5	21.0	26.0	23.5	24.5
16	10.5	9.0	9.5	14.0	13.0	13.5	23.5	21.0	22.0	26.5	25.0	25.5
17	9.5	8.5	9.0	13.5	13.0	13.5	23.5	21.5	22.5	27.0	25.5	26.0
18	10.5	9.0	10.0	14.5	13.5	14.0	23.0	21.0	21.5	27.5	26.0	27.0
19	11.5	10.5	11.0	15.0	14.0	14.5	22.5	21.5	21.5	27.5	26.0	26.5
20	13.5	11.5	12.5	15.5	14.0	14.5	22.5	20.5	21.0	26.0	25.0	25.5
21	13.0	12.5	13.0	16.0	14.5	15.5	21.5	20.0	20.5	25.0	24.5	25.0
22	13.0	11.5	12.0	17.5	16.0	16.5	20.5	19.5	20.0	25.0	24.0	24.5
23	13.0	11.5	12.5	18.5	16.5	17.0	20.5	20.0	20.5	25.0	24.0	24.5
24	12.0	10.5	11.0	19.0	17.0	18.0	22.0	20.0	21.0	25.0	24.5	24.5
25	12.0	11.0	11.5	19.0	17.0	18.0	21.0	20.5	21.0	26.0	24.5	25.0
26	12.5	11.5	12.0	19.5	17.5	18.0	21.0	20.5	20.5	26.0	25.0	25.5
27	12.5	11.5	12.0	20.0	17.5	19.0	21.0	20.5	21.0	27.5	25.0	26.0
28	13.0	12.0	12.5	21.0	18.0	19.5	22.5	20.5	21.5	28.0	25.5	26.5
29	---	---	---	20.5	18.5	19.5	23.5	21.5	22.0	28.5	26.0	27.0
30	---	---	---	20.5	18.5	19.5	23.5	22.0	23.0	28.0	26.5	27.0
31	---	---	---	18.5	17.5	18.5	---	---	---	27.0	26.0	27.0
MONTH	13.5	8.5	11.5	21.0	12.5	15.5	23.5	17.5	20.5	28.5	22.5	25.0

COOPER RIVER BASIN

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.8	5.8	6.3	8.3	6.0	7.4	9.1	7.4	8.4	9.8	8.9	9.5
2	7.5	5.9	6.6	8.0	6.1	7.5	9.3	7.2	8.5	10.0	8.9	9.3
3	7.3	6.0	6.5	7.9	6.8	7.6	9.2	7.6	8.8	10.0	8.4	9.5
4	7.0	5.6	6.4	7.9	6.1	7.2	9.0	8.2	8.7	9.9	9.1	9.6
5	7.3	5.2	6.6	8.1	5.6	7.3	9.4	7.9	8.7	10.2	9.1	9.8
6	7.3	5.7	6.6	7.9	6.1	7.1	9.6	8.2	9.1	10.1	8.9	9.7
7	7.1	5.6	6.4	7.6	5.5	6.9	9.1	7.6	8.7	9.9	9.2	9.7
8	7.4	5.3	6.6	7.7	5.8	7.0	8.7	7.6	8.3	10.1	9.0	9.8
9	7.2	5.6	6.6	7.9	6.9	7.5	8.9	7.7	8.4	10.0	9.1	9.7
10	6.9	5.7	6.4	7.9	6.0	6.9	9.1	7.7	8.6	10.0	9.1	9.7
11	6.5	5.1	6.0	7.6	4.6	6.0	---	---	---	10.0	9.1	9.7
12	5.8	4.1	5.0	7.5	5.2	6.0	---	---	---	9.9	8.7	9.3
13	5.3	3.3	4.5	7.6	5.0	6.2	9.5	8.2	8.9	10.0	8.2	9.2
14	5.8	3.2	4.2	8.2	5.2	6.8	9.6	7.9	9.0	10.5	9.0	9.8
15	5.7	3.2	4.3	8.4	5.4	7.1	9.6	8.9	9.2	10.5	8.7	9.9
16	6.7	3.4	4.6	8.4	5.3	7.3	9.7	8.8	9.3	10.4	9.3	9.9
17	6.7	3.3	5.3	8.9	5.8	7.5	9.7	8.8	9.3	10.5	8.7	9.7
18	6.5	3.9	5.2	9.0	6.6	8.2	9.6	9.0	9.3	10.5	9.3	10.0
19	6.1	3.7	4.8	9.4	7.2	8.7	9.4	8.4	9.1	10.6	8.9	10.1
20	6.5	3.4	5.3	9.6	7.1	8.7	9.3	8.8	9.2	10.2	8.1	9.4
21	6.6	4.1	5.9	9.4	7.7	8.6	9.0	8.4	8.8	9.6	7.9	8.6
22	6.7	4.0	6.0	8.9	6.2	8.0	9.1	8.2	8.8	9.8	8.1	9.3
23	7.1	4.5	6.0	8.4	6.0	7.6	9.2	8.3	8.9	10.1	9.0	9.7
24	6.9	3.9	5.8	8.4	5.8	7.3	9.0	8.2	8.7	10.2	9.1	9.8
25	7.1	4.6	6.2	7.9	6.2	7.3	9.0	8.3	8.8	10.3	8.9	9.8
26	7.6	4.6	6.2	8.0	6.0	7.2	9.3	8.5	9.0	10.7	9.4	10.1
27	8.3	6.6	7.5	8.4	7.2	7.9	9.6	8.7	9.3	10.9	9.0	10.2
28	8.3	6.9	7.6	8.5	6.3	7.6	9.8	9.1	9.5	11.0	9.4	10.2
29	8.3	6.0	7.3	8.3	6.3	7.5	10.0	8.5	9.5	10.7	9.1	10.0
30	8.4	6.3	7.6	8.8	6.7	7.9	10.1	9.0	9.7	10.3	8.6	9.6
31	8.5	6.4	7.5	---	---	---	10.0	9.2	9.6	9.9	7.6	8.7
MONTH	8.5	3.2	6.1	9.6	4.6	7.4	10.1	7.2	9.0	11.0	7.6	9.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	7.2	9.0	10.5	9.6	10.2	8.7	6.7	7.7	7.3	5.8	6.7
2	10.2	7.7	9.0	10.4	8.7	9.5	8.8	6.7	7.8	7.3	6.0	6.7
3	9.9	7.3	8.7	9.5	7.8	8.7	8.8	7.2	8.1	7.1	5.9	6.5
4	10.1	8.3	9.4	9.4	7.1	8.1	8.7	7.6	8.2	7.3	5.4	6.4
5	10.6	9.0	9.9	9.5	6.9	8.0	8.3	6.4	7.6	6.5	5.3	6.1
6	10.4	9.0	9.9	9.5	6.7	8.5	7.8	5.3	6.4	6.2	4.8	5.6
7	10.2	8.9	9.8	9.6	6.7	7.9	8.0	4.7	6.6	6.1	4.6	5.5
8	10.1	8.7	9.6	9.6	6.7	8.7	7.6	5.6	6.8	6.6	5.1	5.8
9	10.8	9.0	10.0	10.0	7.5	9.3	7.4	5.7	6.8	6.7	5.4	5.9
10	11.0	8.9	10.1	10.0	8.2	9.4	7.5	5.9	6.8	6.4	5.4	5.8
11	11.0	9.1	10.1	10.6	8.3	9.7	7.5	5.9	6.9	6.6	4.5	5.6
12	10.9	9.4	10.2	10.8	9.1	10.1	7.6	6.5	6.9	6.8	4.9	5.7
13	10.7	9.9	10.3	10.4	9.4	9.8	7.2	6.3	6.7	6.6	5.0	5.7
14	10.6	9.5	10.2	10.1	8.1	9.0	7.4	5.6	6.5	6.6	4.9	5.8
15	10.6	9.6	10.1	10.3	8.3	9.4	7.9	6.0	6.8	6.7	4.6	5.5
16	10.9	9.8	10.6	10.3	8.6	9.6	7.6	5.9	6.8	6.8	3.7	4.8
17	10.9	10.2	10.6	10.1	8.2	9.3	7.4	5.1	6.3	6.4	4.2	5.4
18	10.8	10.0	10.3	9.7	8.3	9.1	7.0	5.3	6.4	6.0	4.2	5.3
19	10.3	9.5	9.8	10.1	7.9	9.1	7.3	5.2	6.5	6.0	4.0	5.2
20	10.2	9.2	9.7	10.4	8.9	9.6	6.7	4.9	6.0	6.5	4.5	5.8
21	10.2	8.9	9.7	10.2	8.4	9.5	6.7	4.8	6.0	6.6	5.5	5.9
22	10.7	9.3	10.1	9.6	8.5	9.2	7.7	4.9	6.7	6.8	5.4	6.0
23	10.4	9.5	9.9	9.1	8.2	8.8	7.7	5.9	7.1	6.9	4.9	5.7
24	10.6	9.4	10.0	8.8	7.7	8.3	8.0	6.6	7.1	6.5	4.0	5.1
25	10.5	8.9	9.8	9.0	7.1	8.3	8.2	6.5	7.4	6.9	3.9	5.0
26	10.3	9.2	9.9	9.1	7.7	8.4	7.6	6.9	7.3	7.0	4.3	5.7
27	10.8	9.4	10.0	9.1	7.3	8.3	7.2	6.5	6.8	7.0	4.7	6.0
28	11.0	9.6	10.2	9.0	7.3	8.2	8.1	6.2	6.9	7.0	4.3	5.5
29	---	---	---	8.7	6.7	8.0	8.2	6.6	7.4	6.9	3.4	5.3
30	---	---	---	8.3	6.4	7.2	8.0	6.7	7.2	7.2	4.5	6.0
31	---	---	---	8.8	6.1	7.6	---	---	---	7.1	5.4	6.5
MONTH	11.0	7.2	9.9	10.8	6.1	8.9	8.8	4.7	6.9	7.3	3.4	5.8

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, 19.12 ft, June 25; minimum, 10.68 ft, Feb. 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	18.20	14.26	16.26	18.07	13.98	16.28	17.82	13.30	15.87	18.00	12.65	15.88
2	17.89	13.98	16.17	18.45	13.94	16.66	17.89	12.89	15.78	18.11	13.58	16.06
3	17.95	14.15	16.11	18.41	14.41	16.67	18.15	13.35	16.20	17.69	13.05	15.66
4	17.83	13.90	16.08	18.34	13.93	16.29	17.68	13.11	15.74	18.00	13.87	16.22
5	17.77	13.01	15.90	18.32	13.80	16.40	17.67	12.57	15.49	17.97	14.48	16.25
6	18.04	13.84	16.30	18.18	13.89	16.26	17.99	13.53	15.95	17.39	14.03	15.77
7	18.06	14.03	16.25	18.16	14.03	16.33	17.52	13.87	15.83	17.38	14.22	15.89
8	18.10	13.74	16.20	18.11	14.40	16.43	17.65	14.16	16.01	---	---	---
9	18.08	13.88	16.21	18.51	15.25	17.11	17.34	14.11	15.91	17.34	14.19	15.83
10	18.68	14.51	16.95	18.16	13.96	16.44	17.37	13.95	15.80	17.36	14.65	15.93
11	18.31	14.88	16.91	17.34	14.15	15.87	17.20	14.44	15.90	17.99	14.65	16.59
12	18.89	15.48	17.27	---	---	---	17.66	14.11	16.08	17.58	13.95	16.01
13	18.37	15.16	16.97	17.54	14.30	16.12	17.15	13.43	15.47	16.88	13.13	15.39
14	18.38	15.02	16.84	17.89	14.36	16.20	16.91	13.01	15.39	17.79	13.90	15.98
15	18.18	14.63	16.54	17.93	14.44	16.14	17.54	14.14	15.81	17.73	13.93	16.03
16	17.98	14.58	16.41	17.67	14.06	16.10	17.10	13.36	15.29	17.82	14.22	16.06
17	18.01	14.67	16.60	17.46	13.92	15.82	17.31	13.10	15.50	17.39	13.08	15.47
18	18.03	14.65	16.41	18.22	14.18	16.25	17.53	13.97	15.83	17.69	13.74	15.70
19	17.59	13.73	15.98	18.13	14.40	16.29	17.14	13.33	15.45	18.02	13.58	15.90
20	17.68	14.32	16.09	17.65	14.33	16.01	17.63	13.85	15.84	17.92	14.01	16.04
21	17.71	14.36	16.11	17.69	14.36	16.12	17.28	13.90	15.64	17.07	12.98	15.17
22	17.78	14.21	16.02	17.58	14.54	16.02	17.13	13.74	15.44	16.99	13.93	15.55
23	17.24	14.33	15.68	17.39	14.25	15.83	16.89	13.82	15.38	17.52	14.24	16.02
24	17.58	14.19	15.89	16.97	13.59	15.39	16.83	12.55	14.85	17.42	14.32	15.86
25	17.49	14.38	15.83	16.97	13.57	15.33	16.93	13.71	15.41	17.80	14.71	16.53
26	17.32	13.86	15.65	16.76	13.74	15.33	17.23	13.85	15.70	18.02	14.15	16.39
27	17.75	15.14	16.42	16.99	13.56	15.67	17.53	14.41	16.12	17.91	14.21	16.26
28	17.74	14.65	16.45	17.33	13.28	15.59	17.76	13.43	16.00	17.86	13.61	16.05
29	17.67	14.77	16.40	17.38	12.82	15.32	17.64	13.37	15.69	17.91	13.29	16.01
30	17.89	14.70	16.54	17.65	12.31	15.74	17.67	12.98	15.63	18.35	13.90	16.51
31	18.00	14.38	16.35	---	---	---	17.56	13.02	15.42	18.01	14.01	16.20
MONTH	18.89	13.01	16.32	18.51	12.31	16.07	18.15	12.55	15.69	18.35	12.65	15.97

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, 1770 microsiemens, Jan. 11; minimum, 74 microsiemens, Nov. 3, 4.

pH: Maximum, 7.8 units, Feb. 14 - 17; minimum, 6.1 units, Oct. 19, 21, Nov. 13, 14.

WATER TEMPERATURE: Maximum, 31.0°C, July 13, 14, 24 - 28; minimum, 8.0°C, Feb. 17.

DISSOLVED OXYGEN: Maximum, 10.0 mg/L, Jan. 7, 9; minimum 2.6 mg/L, Aug. 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	313	110	197	247	80	152	331	105	208	1460	139	485
2	182	104	140	312	86	167	616	113	308	927	149	477
3	183	105	140	195	74	118	1200	134	499	447	117	248
4	240	113	160	141	74	105	858	120	320	261	107	189
5	316	118	201	184	84	117	256	110	162	195	103	140
6	461	119	236	154	83	117	178	97	133	150	94	123
7	320	110	189	157	87	123	151	99	126	128	86	106
8	235	111	162	148	86	117	229	113	173	104	82	94
9	201	111	144	220	91	140	251	117	197	98	84	91
10	412	118	191	158	81	102	255	123	194	146	85	106
11	202	111	148	94	76	87	234	117	180	1770	92	374
12	137	103	116	93	78	86	244	102	155	642	98	271
13	120	96	107	95	77	87	132	90	107	250	105	174
14	115	95	104	100	80	90	112	90	102	247	107	171
15	113	95	103	101	80	90	194	98	124	268	109	178
16	111	98	104	106	84	94	174	98	132	281	115	187
17	113	104	107	104	86	97	167	95	129	211	106	135
18	113	99	106	127	92	104	171	89	128	139	104	116
19	117	97	109	125	95	110	143	85	110	120	102	113
20	117	97	111	111	93	102	137	85	110	122	102	110
21	123	98	110	117	95	105	155	85	118	118	102	110
22	124	97	107	143	95	116	115	85	98	115	106	111
23	109	84	97	147	88	115	131	87	105	117	106	113
24	106	90	96	106	92	97	132	98	115	123	109	115
25	102	89	97	116	92	105	164	104	130	130	110	118
26	105	88	96	122	94	109	332	104	193	132	107	120
27	120	94	104	122	88	103	328	104	190	134	109	121
28	218	87	140	133	83	100	186	96	129	159	109	129
29	214	85	157	181	87	128	164	94	126	193	112	143
30	232	87	160	253	101	160	303	98	175	226	114	151
31	217	79	146	---	---	---	401	93	233	151	111	121
MONTH	461	79	135	312	74	111	1200	85	168	1770	82	169

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	129	115	122	446	122	241	118	84	101	98	86	91
2	128	109	119	488	116	261	102	84	92	101	86	93
3	122	110	117	335	107	189	100	86	92	107	91	97
4	130	110	121	189	97	117	96	82	90	103	91	97
5	131	120	124	109	95	103	94	84	90	115	87	100
6	133	120	126	107	91	98	92	82	87	110	92	102
7	136	123	128	101	85	92	94	82	89	124	90	101
8	142	125	134	101	91	95	96	82	90	138	100	115
9	151	131	140	105	91	98	96	84	92	284	102	172
10	287	134	168	108	94	99	94	82	87	218	96	140
11	228	141	174	158	94	113	266	80	110	130	92	108
12	188	144	165	146	92	114	1190	92	468	146	92	114
13	216	143	174	138	88	106	963	115	439	158	94	114
14	206	146	175	106	88	96	377	97	208	166	96	127
15	182	142	163	110	88	100	235	92	133	170	92	117
16	162	152	156	108	94	101	154	84	112	244	102	149
17	181	155	167	109	89	101	116	84	99	402	122	236
18	187	164	177	105	89	97	104	82	92	457	126	247
19	214	168	191	103	93	98	95	81	89	420	143	264
20	213	164	186	105	87	97	103	83	92	935	218	531
21	183	160	170	103	87	96	99	85	92	1130	182	640
22	170	157	163	105	89	96	105	84	93	674	143	338
23	170	153	162	103	89	96	96	84	91	322	120	197
24	169	155	164	104	93	98	100	86	91	201	113	148
25	188	157	170	118	94	103	96	82	89	133	104	117
26	199	166	182	134	94	112	95	83	89	124	100	111
27	260	100	184	134	86	109	91	83	87	129	101	110
28	304	112	199	128	90	107	95	85	89	112	97	106
29	---	---	---	148	90	109	98	86	91	113	96	105
30	---	---	---	130	84	106	96	80	90	140	97	112
31	---	---	---	114	86	103	---	---	---	127	92	104
MONTH	304	100	158	488	84	115	1190	80	122	1130	86	168
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	109	83	94	102	84	97	128	94	112	109	95	104
2	91	85	88	102	84	94	108	90	95	128	100	110
3	96	84	88	100	86	94	114	80	92	225	107	147
4	92	82	86	96	84	92	96	82	90	245	116	162
5	94	80	87	94	84	91	96	82	88	192	116	151
6	94	84	88	94	90	92	116	84	94	199	121	158
7	92	82	88	96	86	91	138	86	107	214	132	168
8	100	86	91	96	84	91	200	94	124	323	135	207
9	104	84	92	100	84	92	238	100	150	351	136	235
10	102	84	91	100	90	94	200	100	144	336	118	218
11	100	84	91	102	90	96	214	104	155	244	112	166
12	100	90	93	104	92	95	236	114	172	162	104	121
13	96	84	91	112	86	98	226	96	146	130	104	117
14	96	86	93	116	84	98	146	86	108	136	104	118
15	103	87	96	114	92	95	100	86	92	116	106	110
16	127	95	107	108	90	96	94	83	88	122	106	112
17	141	101	118	100	90	92	98	84	88	134	112	120
18	150	106	125	108	86	94	106	88	91	180	108	143
19	142	104	120	100	86	92	103	83	89	272	116	188
20	118	102	110	94	86	90	103	83	91	218	112	157
21	109	97	104	106	82	91	113	82	96	416	118	235
22	109	97	103	112	86	93	143	85	109	502	130	295
23	109	97	104	106	86	93	234	91	156	412	116	236
24	108	94	103	102	84	95	243	99	168	192	108	144
25	112	98	104	108	90	98	233	101	165	190	118	147
26	104	94	99	116	92	98	206	96	145	190	116	155
27	105	89	99	178	96	118	160	83	117	238	124	180
28	105	91	96	212	96	151	107	80	90	324	134	211
29	99	89	96	192	100	144	107	76	91	400	128	268
30	102	92	98	184	96	138	110	89	100	360	118	243
31	---	---	---	150	92	120	115	90	101	---	---	---
MONTH	150	80	98	212	82	100	243	76	115	502	95	171
YEAR	1770	74	136									

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.0	25.5	26.0	18.5	17.5	18.0	16.0	15.0	15.5	14.0	13.5	14.0
2	26.5	26.0	26.0	19.0	18.0	18.5	16.0	15.0	15.5	13.5	12.5	13.5
3	26.5	26.0	26.0	19.5	18.5	19.0	16.0	15.0	15.5	13.0	12.5	12.5
4	26.5	26.0	26.5	19.5	19.0	19.0	16.0	15.5	16.0	13.0	12.0	12.5
5	26.5	26.0	26.5	20.0	19.0	19.5	15.5	14.0	15.0	12.5	12.0	12.5
6	26.5	26.0	26.0	20.0	19.0	19.5	14.5	13.5	14.0	13.0	12.0	12.5
7	26.5	25.5	26.5	19.5	18.5	19.5	14.0	13.5	13.5	13.0	12.5	13.0
8	27.0	26.0	26.5	19.5	18.0	19.0	13.5	12.5	13.5	13.0	11.5	12.5
9	27.0	26.0	26.5	18.5	17.5	18.0	13.0	12.0	12.5	12.0	11.0	11.5
10	26.5	25.0	26.0	18.5	17.5	18.0	12.5	12.0	12.5	12.0	11.0	11.5
11	26.0	24.0	25.0	17.5	17.0	17.0	12.5	12.0	12.0	12.5	11.0	12.0
12	---	---	---	17.0	16.5	17.0	12.5	12.0	12.5	12.5	12.0	12.0
13	---	---	---	16.5	16.5	16.5	13.0	12.5	12.5	12.0	11.5	12.0
14	---	---	---	16.5	16.0	16.5	13.0	12.5	13.0	12.0	11.0	11.5
15	---	---	---	16.5	16.0	16.0	13.0	12.5	13.0	12.0	11.0	11.5
16	---	---	---	16.5	16.0	16.5	13.5	13.0	13.0	13.0	12.0	12.5
17	24.5	24.5	24.5	16.5	16.0	16.5	14.0	13.5	13.5	13.0	12.5	12.5
18	24.5	24.0	24.5	16.0	15.5	16.0	14.5	13.5	14.0	12.5	11.5	12.0
19	24.0	23.5	24.0	16.0	15.0	15.5	15.0	14.5	15.0	12.0	11.0	11.5
20	23.5	22.5	23.0	15.5	15.0	15.0	15.0	14.5	15.0	12.0	11.0	11.5
21	23.0	21.5	22.5	15.5	15.0	15.5	15.0	14.0	14.5	11.5	11.0	11.0
22	22.5	22.0	22.5	15.5	15.0	15.5	15.0	14.0	14.5	11.0	10.0	10.5
23	23.0	22.5	22.5	15.5	15.0	15.5	16.0	15.0	15.5	10.5	9.5	10.0
24	23.0	22.5	22.5	15.5	15.0	15.0	16.0	15.5	16.0	10.0	9.0	9.5
25	23.0	21.5	22.5	15.5	15.0	15.5	15.5	14.0	15.0	9.5	8.5	9.0
26	21.5	20.0	21.0	15.5	15.5	15.5	15.0	13.0	14.5	9.0	8.5	8.5
27	20.5	19.0	20.0	15.5	15.5	15.5	14.5	12.0	13.0	9.0	8.5	8.5
28	19.5	18.5	19.0	16.5	15.5	16.0	12.5	11.5	12.0	9.0	8.5	9.0
29	19.0	18.0	18.5	17.5	16.5	17.0	12.5	11.5	12.0	10.0	9.0	9.5
30	18.5	17.5	18.0	17.0	15.5	16.5	13.0	12.0	12.5	10.5	10.0	10.0
31	18.0	17.5	18.0	---	---	---	14.5	13.0	13.5	11.5	10.5	11.0
MONTH	27.0	17.5	23.5	20.0	15.0	17.0	16.0	11.5	14.0	14.0	8.5	11.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	10.0	10.5	13.5	12.5	13.0	19.0	18.0	18.5	24.5	23.0	24.0
2	11.5	10.0	10.5	14.5	13.5	14.0	19.0	18.0	18.5	25.0	24.0	24.5
3	11.5	10.5	11.0	14.5	14.0	14.0	19.0	18.5	19.0	25.0	24.0	24.5
4	12.0	11.0	11.5	14.5	13.0	13.5	19.0	18.5	19.0	25.0	24.0	24.5
5	12.0	11.0	11.5	13.5	12.5	13.0	19.0	18.5	19.0	24.5	24.0	24.5
6	12.0	12.0	12.0	13.5	13.0	13.5	19.0	18.5	18.5	25.0	24.0	24.5
7	12.5	12.0	12.5	14.5	13.5	13.5	20.0	19.0	19.5	25.0	24.5	24.5
8	12.5	11.0	12.0	14.0	13.5	14.0	20.0	19.5	19.5	25.0	24.0	24.5
9	12.0	11.0	11.5	14.0	13.0	13.5	20.0	19.5	20.0	25.0	24.5	24.5
10	11.5	11.5	11.5	13.0	12.5	13.0	20.5	19.5	20.0	25.0	24.5	25.0
11	12.0	11.5	12.0	12.5	12.5	12.5	21.0	20.5	20.5	25.0	24.5	25.0
12	12.5	12.0	12.0	13.0	12.5	13.0	21.5	20.5	21.0	25.5	24.5	25.0
13	12.5	12.0	12.0	13.5	13.0	13.0	21.0	20.5	21.0	25.0	24.5	25.0
14	13.0	12.0	12.5	14.0	13.0	13.5	21.0	20.0	20.5	25.5	24.5	25.0
15	12.5	10.5	12.0	14.0	13.5	13.5	21.5	20.5	21.0	26.0	24.5	25.5
16	10.0	8.5	9.5	13.5	13.0	13.5	23.0	21.0	21.5	26.5	25.5	26.0
17	10.0	8.0	9.0	13.5	12.5	13.0	23.0	22.0	22.5	28.0	26.0	26.5
18	10.5	9.0	9.5	14.5	13.0	13.5	22.5	21.5	22.0	28.0	26.5	27.0
19	11.0	10.0	10.5	14.5	13.5	14.0	22.0	21.5	22.0	27.5	27.0	27.0
20	12.5	11.0	12.0	15.0	14.0	14.5	22.0	21.0	21.5	27.0	26.0	26.5
21	13.0	12.0	12.5	16.0	14.5	15.0	21.5	20.0	21.0	26.0	25.0	26.0
22	13.0	12.0	12.5	17.0	15.5	16.0	20.5	19.5	20.0	25.5	25.0	25.0
23	13.0	11.0	12.5	17.5	16.5	17.0	20.5	20.0	20.5	25.0	25.0	25.0
24	12.5	10.5	11.0	18.0	17.5	17.5	21.5	20.5	21.0	25.0	25.0	25.0
25	11.5	10.5	11.0	18.0	17.5	17.5	21.5	20.5	21.0	26.0	25.0	25.5
26	12.0	11.0	11.5	18.5	17.5	18.0	21.0	20.5	21.0	26.5	25.5	26.0
27	12.0	11.5	11.5	19.0	18.0	18.5	21.5	21.0	21.0	27.0	26.0	26.5
28	12.5	11.5	12.0	19.0	18.5	19.0	22.0	21.0	21.5	27.0	26.0	27.0
29	---	---	---	19.5	19.0	19.5	23.5	22.0	22.5	27.5	27.0	27.0
30	---	---	---	19.5	19.0	19.5	24.0	23.0	23.5	28.5	27.0	27.5
31	---	---	---	19.0	18.0	18.5	---	---	---	28.0	27.5	28.0
MONTH	13.0	8.0	11.5	19.5	12.5	15.0	24.0	18.0	20.5	28.5	23.0	25.5

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00'', long 79°55'23'', Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River, 9.9 mi from confluence of East and West Branch Cooper River and at mile 19.4.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is 6.38 feet below 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, 11.52 ft, July 12; minimum, 2.22 ft, Feb. 15.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.21	5.00	7.78	10.34	4.30	7.91	---	---	---	10.74	3.60	7.59
2	10.13	4.55	7.72	10.82	4.47	8.15	---	---	---	10.62	3.84	7.46
3	10.20	4.58	7.66	10.93	4.61	8.07	---	---	---	10.25	3.67	7.16
4	10.29	4.36	7.62	10.87	4.16	7.81	---	---	---	10.42	4.36	7.68
5	10.16	3.38	7.43	10.95	4.24	7.93	10.07	3.27	6.96	10.34	5.03	7.82
6	10.62	4.23	7.74	10.70	4.46	7.79	10.30	4.31	7.46	9.72	4.82	7.42
7	10.49	4.25	7.61	10.73	4.70	7.93	10.01	4.60	7.50	9.50	4.96	7.42
8	10.40	4.35	7.61	10.65	4.96	8.08	10.00	5.04	7.67	---	---	---
9	10.49	4.74	7.73	11.01	5.99	8.84	9.69	5.24	7.61	---	---	---
10	11.06	5.56	8.57	10.19	4.39	7.73	9.72	4.71	7.46	9.78	5.75	7.81
11	---	---	---	9.61	4.82	7.44	9.58	5.51	7.63	10.42	5.29	8.30
12	---	---	---	9.59	4.72	7.43	9.96	4.83	7.62	9.91	4.30	7.63
13	10.36	5.52	8.29	9.90	4.88	7.76	9.50	4.25	7.09	9.12	3.96	7.14
14	10.47	5.35	8.25	10.08	5.17	7.77	9.23	4.39	7.14	9.89	4.85	7.67
15	10.24	5.02	7.95	10.09	4.98	7.71	10.03	5.10	7.53	10.11	4.80	7.79
16	10.18	4.90	7.93	10.01	4.82	7.68	9.46	4.27	6.93	10.09	4.94	7.62
17	10.40	5.27	8.12	9.85	4.77	7.40	9.68	4.07	7.20	9.51	3.96	6.97
18	10.41	4.92	7.86	10.43	5.25	7.93	9.94	4.89	7.46	9.78	4.36	7.22
19	9.99	4.30	7.60	10.32	5.30	7.87	9.51	4.21	7.05	10.37	4.67	7.51
20	10.06	5.05	7.74	10.02	5.31	7.67	9.98	5.00	7.54	9.64	4.34	7.49
21	10.11	5.33	7.74	10.12	5.47	7.84	9.60	4.63	7.27	9.10	3.90	6.71
22	9.88	5.24	7.60	9.89	5.50	7.75	9.43	4.56	7.12	9.32	4.97	7.25
23	9.42	5.19	7.33	---	---	---	9.28	4.70	7.11	9.81	5.16	7.63
24	9.69	5.64	7.58	9.33	5.07	7.14	9.10	3.79	6.57	9.78	5.08	7.52
25	9.72	4.91	7.41	---	---	---	9.11	4.80	7.14	10.20	5.27	8.06
26	9.66	5.24	7.47	---	---	---	9.65	4.71	7.38	10.43	4.51	7.95
27	10.01	6.30	8.14	---	---	---	10.03	4.87	7.69	10.40	4.20	7.82
28	10.00	5.43	8.08	---	---	---	10.28	3.99	7.52	10.46	4.21	7.68
29	9.93	5.31	8.07	---	---	---	10.24	3.81	7.36	10.44	3.66	7.62
30	10.14	4.94	8.13	10.05	3.39	7.35	10.31	3.54	7.32	10.90	4.15	7.88
31	10.13	4.67	7.79	---	---	---	10.21	3.41	7.06	10.27	3.68	7.33
MONTH	11.06	3.38	7.81	11.01	3.39	7.79	10.31	3.27	7.31	10.90	3.60	7.56

COOPER RIVER BASIN

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, 23,600 microsiemens, Jan. 11; minimum, 100 microsiemens, many days.

pH: Maximum, 8.1 units, Dec. 12, 15, 27; minimum, 6.1 units, Oct. 16, 17.

WATER TEMPERATURE: Maximum, 31.0°C, July 13 - 15, 24, Aug. 11; minimum, 8.5°C, Jan. 26 - 28.

DISSOLVED OXYGEN: Maximum, 10.8 mg/L, Jan. 20; minimum 3.9 mg/L, Oct. 15, May 14, 15, Aug. 8, 9.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	15800	1040	6620	11600	500	4190	---	---	---	14000	740	5930
2	12100	740	4050	12000	580	4000	---	---	---	12400	1160	4530
3	10900	740	4030	7320	640	2120	---	---	---	7320	580	2110
4	13000	820	4760	6140	560	1770	---	---	---	7460	500	2000
5	12000	1140	4820	6980	600	2160	3540	480	1130	5060	300	1390
6	13700	1060	5020	6140	640	1960	4720	400	1180	4580	280	1380
7	10200	940	3440	6380	480	2000	5880	420	1550	4500	380	1260
8	9980	800	2970	7420	460	1960	8400	600	3030	1720	200	490
9	10900	860	2940	10700	520	3650	8100	600	3310	5500	240	1690
10	17400	1280	6750	4320	580	1630	9200	520	3660	11100	340	5260
11	7420	1620	3740	940	480	689	8580	520	3570	23600	1360	13300
12	---	---	---	1460	480	824	11000	520	3130	16800	1460	6200
13	1700	1300	1480	4940	520	1630	5280	500	1390	8540	1020	3530
14	1800	1300	1550	6480	420	1640	6700	140	2170	14000	740	4550
15	1480	1040	1350	6040	380	1370	12900	120	4010	14100	700	5150
16	1260	940	1080	5640	400	1460	10200	240	3020	14300	1040	4540
17	2140	840	1210	2880	460	982	10200	300	3180	4760	560	1400
18	3240	1020	1450	8440	300	2050	10100	300	3030	2000	300	714
19	2100	720	1120	8140	260	1930	6640	560	1860	6240	340	1340
20	4840	520	1430	6220	240	1440	10300	380	2730	4420	460	982
21	7460	680	2180	9340	280	2550	8560	400	2460	960	380	617
22	8040	720	2190	9840	360	3000	7560	480	2150	3880	240	889
23	3460	840	1340	9700	460	2830	9760	800	3630	5200	240	1660
24	7760	720	2300	7240	460	1920	9120	280	2680	6220	280	2070
25	8980	560	2250	8660	380	4030	11900	240	4880	10800	300	2860
26	9400	480	2980	9680	420	3890	15300	260	6160	8900	260	2160
27	13400	480	4750	7460	520	2080	16700	260	4930	9440	260	2090
28	14800	820	6390	---	---	---	11400	240	2340	8860	280	2370
29	14700	720	6660	---	---	---	11100	240	3320	7200	480	2430
30	15100	580	5650	11800	580	3570	12000	420	4420	6580	520	2020
31	12600	520	3980	---	---	---	10500	840	4000	1520	480	748
MONTH	17400	480	3350	12000	240	2260	16700	120	3070	23600	200	2830

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.5	25.0	25.0	19.0	17.5	18.5	---	---	---	14.0	13.5	13.5
2	25.5	25.0	25.0	19.0	18.0	18.5	---	---	---	13.5	13.0	13.5
3	25.5	25.0	25.0	19.0	18.0	18.5	---	---	---	13.5	13.0	13.0
4	26.0	25.0	25.5	19.5	18.5	19.0	---	---	---	13.5	12.5	13.0
5	26.0	25.5	25.5	20.0	19.0	19.0	15.0	14.5	15.0	13.0	12.5	13.0
6	26.0	25.0	25.5	20.0	19.5	19.5	14.5	13.5	14.0	13.5	12.5	12.5
7	26.5	25.5	26.0	20.0	19.0	19.5	14.5	13.5	14.0	13.5	12.5	13.0
8	26.5	26.0	26.0	19.5	19.0	19.0	14.0	13.0	13.5	13.0	12.0	13.0
9	26.5	25.5	26.0	19.0	18.5	19.0	13.5	12.5	13.0	12.5	12.0	12.5
10	26.5	26.0	26.5	19.0	17.5	18.5	13.5	12.0	12.5	12.5	12.0	12.0
11	26.0	25.5	26.0	17.5	17.5	17.5	13.0	12.0	12.5	13.5	12.0	13.0
12	---	---	---	17.5	17.0	17.5	13.0	11.5	12.0	13.0	12.5	13.0
13	24.5	24.5	24.5	17.5	16.5	17.0	12.0	11.5	12.0	12.5	12.0	12.5
14	24.5	24.0	24.5	17.0	16.5	16.5	12.5	12.0	12.0	12.5	11.5	12.0
15	24.5	24.5	24.5	17.0	16.0	16.5	12.5	12.0	12.5	12.5	11.5	12.0
16	24.5	24.5	24.5	16.5	16.0	16.5	13.0	12.5	12.5	13.0	12.0	12.5
17	24.5	24.5	24.5	16.5	16.0	16.5	13.0	13.0	13.0	12.5	12.5	12.5
18	25.0	24.5	24.5	16.5	16.0	16.0	14.0	13.0	13.5	12.5	12.0	12.5
19	24.5	23.5	24.0	16.0	15.5	15.5	15.0	14.0	14.5	12.5	12.0	12.0
20	23.5	23.0	23.5	16.0	15.0	15.5	14.5	14.5	14.5	12.5	11.5	12.0
21	23.5	23.0	23.0	16.0	15.0	15.5	15.0	14.5	15.0	11.5	11.0	11.5
22	23.5	22.5	23.0	16.0	15.0	15.5	15.5	14.5	15.0	11.0	10.5	11.0
23	23.5	22.5	23.0	16.0	15.0	15.5	16.5	15.5	15.5	11.0	10.0	10.5
24	23.5	22.5	23.0	16.0	15.0	15.5	16.0	15.5	16.0	11.0	9.5	10.5
25	23.0	22.0	22.5	16.0	15.0	15.5	15.5	14.5	15.0	10.5	9.0	10.0
26	22.0	21.0	21.5	16.0	15.0	15.5	15.0	14.5	14.5	10.0	8.5	9.0
27	22.0	20.0	21.0	---	---	---	14.5	13.0	14.0	9.5	8.5	9.0
28	21.5	19.5	20.5	---	---	---	14.0	12.0	13.0	9.5	8.5	9.0
29	21.0	19.0	20.0	---	---	---	13.5	12.0	12.5	10.0	9.0	9.5
30	20.0	18.5	19.0	16.0	15.5	16.0	13.5	12.0	13.0	10.5	9.5	10.0
31	19.5	18.0	18.5	---	---	---	14.0	13.0	13.5	11.0	10.5	10.5
MONTH	26.5	18.0	23.5	20.0	15.0	17.0	16.5	11.5	13.5	14.0	8.5	11.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	10.5	10.5	13.0	12.0	12.5	19.0	18.0	18.5	24.0	23.0	23.5
2	11.0	10.5	10.5	13.5	13.0	13.5	18.5	18.0	18.0	24.5	23.5	24.0
3	11.0	10.5	11.0	14.0	13.5	14.0	18.5	18.0	18.5	25.0	23.5	24.0
4	11.5	11.0	11.0	14.0	13.0	13.5	18.5	18.0	18.5	24.5	24.0	24.0
5	12.0	11.5	11.5	13.5	12.5	13.0	19.0	18.5	18.5	25.0	24.0	24.5
6	12.5	11.5	12.0	13.5	13.0	13.0	19.0	18.5	18.5	25.0	24.0	24.5
7	13.0	12.0	12.5	13.5	13.0	13.5	19.5	18.5	19.0	25.0	24.0	24.5
8	12.5	12.0	12.5	13.5	13.5	13.5	20.0	19.0	19.5	24.5	24.0	24.0
9	12.5	12.0	12.0	13.5	13.0	13.5	20.0	19.5	20.0	24.5	24.0	24.5
10	12.5	11.5	12.0	13.5	12.5	13.0	20.0	20.0	20.0	24.5	24.5	24.5
11	12.0	11.5	12.0	13.0	12.0	12.5	20.5	19.5	20.0	25.0	24.5	24.5
12	12.0	11.5	12.0	13.0	12.0	12.5	20.5	19.5	20.0	25.0	24.5	24.5
13	12.5	12.0	12.0	13.0	12.5	12.5	20.0	20.0	20.0	25.0	24.5	24.5
14	13.0	12.0	12.5	13.0	13.0	13.0	21.0	20.0	20.5	25.5	24.5	25.0
15	12.5	11.5	12.0	13.5	13.0	13.0	21.0	20.0	20.5	25.5	24.5	25.0
16	11.0	10.0	10.5	13.0	13.0	13.0	21.5	20.5	21.0	25.5	25.0	25.0
17	10.5	9.5	10.0	13.0	12.5	13.0	22.0	21.0	21.5	26.0	25.5	25.5
18	11.0	9.5	10.0	13.5	13.0	13.5	22.5	21.5	22.0	26.5	25.5	26.0
19	11.5	10.5	11.0	14.0	13.5	13.5	22.0	21.5	22.0	26.5	26.0	26.5
20	12.0	11.0	11.5	14.5	13.5	14.0	22.0	21.0	21.5	26.0	25.5	26.0
21	12.5	12.0	12.5	15.0	14.0	14.5	21.5	20.0	21.0	26.0	25.5	25.5
22	13.5	12.5	13.0	16.0	15.0	15.5	20.5	19.5	20.0	26.0	25.0	25.5
23	13.5	12.5	13.0	17.0	16.0	16.5	20.5	19.5	20.0	25.5	25.0	25.5
24	12.5	11.5	12.5	17.0	16.5	17.0	20.5	20.0	20.0	25.5	25.0	25.0
25	12.5	11.5	12.0	17.5	16.5	17.0	20.5	20.0	20.5	25.5	25.0	25.0
26	12.5	11.5	12.0	17.5	16.5	17.5	21.0	20.5	20.5	26.0	25.0	25.5
27	12.0	11.5	12.0	18.0	17.5	18.0	21.0	20.5	21.0	26.5	26.0	26.0
28	12.5	11.5	12.0	18.5	18.0	18.5	21.5	21.0	21.5	27.0	26.5	26.5
29	---	---	---	19.5	18.5	19.0	23.0	21.5	22.0	27.5	26.5	27.0
30	---	---	---	19.0	19.0	19.0	23.5	22.5	23.0	28.0	27.0	27.5
31	---	---	---	19.0	18.5	18.5	---	---	---	28.0	27.0	27.5
MONTH	13.5	9.5	11.5	19.5	12.0	14.5	23.5	18.0	20.5	28.0	23.0	25.0

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.2	5.4	5.8	7.1	6.4	6.6	5.6	4.4	5.2	5.0	4.6	4.7
2	6.3	5.3	5.9	6.9	6.2	6.4	5.8	5.4	5.5	5.0	4.4	4.8
3	6.4	5.1	5.9	6.8	5.8	6.2	5.7	4.8	5.5	5.1	4.4	4.7
4	6.1	4.5	5.8	6.4	5.9	6.2	5.2	4.5	4.8	5.1	4.5	4.9
5	5.9	4.8	5.6	6.4	5.6	6.2	4.7	4.3	4.5	5.1	4.4	4.9
6	5.9	5.4	5.7	6.0	5.6	5.8	4.7	4.2	4.5	5.2	4.5	4.9
7	5.8	5.4	5.6	6.0	5.4	5.7	4.6	4.0	4.4	5.1	4.2	4.8
8	6.1	5.4	5.8	5.9	5.4	5.6	4.5	3.9	4.3	5.0	4.3	4.7
9	6.4	5.6	6.0	5.9	5.1	5.5	4.5	3.9	4.3	5.4	4.6	5.0
10	6.2	5.8	5.9	5.5	4.9	5.3	4.6	4.0	4.4	5.9	5.0	5.4
11	6.1	5.6	5.8	5.2	4.9	5.1	5.3	4.1	4.5	5.9	4.9	5.6
12	6.0	5.5	5.8	5.1	4.6	4.9	5.0	4.3	4.7	6.1	5.4	5.8
13	6.0	5.0	5.8	5.0	4.7	4.8	5.0	4.4	4.7	6.1	5.5	5.8
14	5.9	5.2	5.6	5.3	4.7	5.0	5.0	4.6	4.9	6.1	5.2	5.8
15	5.6	5.2	5.4	5.4	4.9	5.1	4.9	4.7	4.8	---	---	---
16	5.4	4.9	5.2	5.2	4.8	5.1	4.9	4.5	4.7	---	---	---
17	5.9	4.8	5.4	5.2	4.7	5.0	5.1	4.6	4.8	---	---	---
18	6.0	5.3	5.7	5.2	4.8	5.0	5.3	4.7	5.0	---	---	---
19	5.8	5.2	5.6	5.1	4.6	5.0	5.5	5.0	5.3	---	---	---
20	5.7	5.5	5.6	5.0	4.3	4.8	5.5	4.8	5.3	---	---	---
21	5.7	5.3	5.5	5.4	4.5	5.1	5.5	4.5	5.1	---	---	---
22	5.7	5.3	5.6	6.1	5.4	5.7	5.6	4.4	5.1	---	---	---
23	6.0	5.4	5.8	6.0	5.5	5.8	5.6	4.4	5.1	---	---	---
24	6.2	5.5	5.8	5.9	5.2	5.7	5.5	4.4	5.1	---	---	---
25	6.2	5.6	5.9	---	---	---	5.4	4.6	5.1	---	---	---
26	6.4	6.0	6.1	---	---	---	5.5	4.7	5.2	---	---	---
27	6.1	5.7	5.9	---	---	---	5.3	4.9	5.1	---	---	---
28	5.9	5.4	5.7	---	---	---	5.3	4.9	5.1	---	---	---
29	6.8	5.7	6.2	---	---	---	5.3	4.7	5.1	---	---	---
30	7.4	6.2	6.8	5.1	4.4	4.9	5.1	4.6	4.9	---	---	---
31	---	---	---	5.4	4.3	5.0	4.8	4.6	4.7	---	---	---
MONTH	7.4	4.5	5.8	7.1	4.3	5.4	5.8	3.9	4.9	6.1	4.2	5.1
YEAR	10.8	3.9	7.0									

Note: Dissolved oxygen concentrations are not corrected for salinity.

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, 53,700 microsiemens, Apr. 25; minimum, 13,700 microsiemens, Apr. 10.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 57,400 microsiemens, Oct. 30; minimum, 22,400 microsiemens, Oct. 14.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	44700	33600	38900	50600	34900	41900	48000	34700	41400
2	---	---	---	45300	34400	39100	51000	34800	42500	47000	35700	40800
3	---	---	---	43000	31900	37600	50900	36200	43100	46200	33900	39300
4	---	---	---	43300	30900	37000	51300	35300	41600	45500	33100	39200
5	---	---	---	41100	28900	34600	48800	32800	40100	44800	33500	37900
6	---	---	---	41900	31100	35700	48400	34400	39700	42400	32800	36500
7	---	---	---	39600	30300	34400	47100	33900	39300	40900	32200	35800
8	---	---	---	38600	30100	33800	47100	34400	40100	40900	30700	36000
9	---	---	---	38300	31000	34200	45900	36600	40400	45600	30600	37000
10	---	---	---	36500	27700	31800	46400	36600	40500	44400	32200	37600
11	---	---	---	38500	27700	31800	45700	36400	40700	45700	32300	39200
12	---	---	---	39900	28900	33200	46900	36600	40600	42700	35000	37800
13	---	---	---	39800	29700	33900	44200	34000	38900	41600	34000	37300
14	---	---	---	40400	30000	34000	43700	33300	38000	44500	34000	38200
15	---	---	---	40200	29800	34000	47500	35100	39900	45300	35000	39200
16	---	---	---	40500	30500	34600	44400	35700	39000	44800	34300	38400
17	---	---	---	39400	30100	33900	45300	35600	39800	42700	32400	37600
18	43800	30300	35900	41000	30700	34900	45000	35400	39700	43300	32200	36300
19	44300	27200	36900	40000	31300	34800	43200	33800	38400	44900	32200	37200
20	44200	31800	38400	39400	31100	34200	45900	33900	38600	41400	30500	35000
21	44300	34000	39400	43900	31300	36300	43500	33600	38000	39600	29000	33000
22	42200	29100	36000	43600	33000	37200	43000	33800	37400	43400	30100	34400
23	31000	27800	29200	44000	32600	37400	43000	33700	37600	42200	31100	36200
24	29800	28300	28800	42600	30100	36700	41500	34000	37000	43000	31600	35600
25	29900	29400	29700	43000	31900	37500	43200	34500	38000	42300	31200	36800
26	29800	29300	29500	42500	35200	39000	44300	35900	39400	44100	30000	36600
27	31100	29500	30200	43700	34400	37600	44800	36100	40100	44900	30700	36300
28	42000	31000	34300	45400	34100	38500	46600	34800	39900	45100	30900	36500
29	42700	35300	39400	45600	33500	39000	46700	34400	39500	45000	28900	36900
30	43400	34100	38600	51100	32800	41700	46600	33800	40000	45300	29700	36500
31	44000	34200	38300	---	---	---	46900	34900	40000	40800	24700	32500
MONTH	44300	27200	34600	51100	27700	35900	51300	32800	39700	48000	24700	37100

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	42800	23000	31500	46900	33200	42300	38500	26900	32100	---	---	---
2	42100	23600	30600	45300	33400	39100	37200	24200	29500	---	---	---
3	37100	22100	27500	45600	32000	37600	39000	22000	28000	---	---	---
4	36500	22100	27800	40200	28000	33800	35500	20500	26900	---	---	---
5	36600	21700	29100	40300	27000	32500	37600	23100	29200	---	---	---
6	38700	23100	31200	38600	28100	33400	38900	24300	32200	---	---	---
7	41000	24800	34000	39700	23700	31200	40200	24500	32900	---	---	---
8	41300	26400	35400	40100	25500	34200	37600	17500	29500	---	---	---
9	45000	30300	37500	43400	29500	36600	41700	26700	33900	---	---	---
10	42300	31900	37000	44700	30600	37000	40800	13700	27500	---	---	---
11	40900	33100	35600	43300	32400	38300	44700	30200	36300	49800	33700	41400
12	40400	31500	35500	43200	32200	38000	46000	32900	38400	49600	35500	42100
13	41600	32500	36400	42900	34300	37600	45100	34100	38900	49900	34800	41700
14	40800	31800	35400	42400	32800	36500	45200	32800	38500	50500	34300	41600
15	40500	29800	34400	43600	31500	37100	47900	33900	40100	50400	32400	40800
16	40900	26800	33400	43100	30800	36500	47000	33000	39300	50500	32400	40600
17	41300	29700	34600	44400	29700	36300	48900	31400	38700	48500	34400	40400
18	41200	30200	34400	42900	29300	35600	43600	29300	36300	47900	32700	39500
19	40600	30100	34700	42200	27300	33900	45700	29900	36200	46900	33900	40000
20	40800	29600	34100	41200	26900	32800	44500	31900	36700	49400	36600	41800
21	40600	29700	33500	41500	26500	31500	44300	32500	37400	48800	35200	41000
22	40700	27900	34100	39800	26200	31400	44900	33800	38200	46400	34300	39500
23	41900	29500	35300	40000	25300	31900	46800	32900	39700	43900	32900	37800
24	44900	29600	36500	38700	24200	31600	50000	37300	42400	42700	28000	35200
25	44000	31000	37200	39100	27800	32300	53600	38200	44400	42800	27100	34500
26	45200	33200	38600	40400	29700	33900	47400	33100	40200	43900	26500	34500
27	46400	32900	39100	40800	30000	35100	---	---	---	42000	27600	33200
28	47300	33600	39700	41200	29300	34400	---	---	---	42100	26300	32300
29	---	---	---	43700	28700	35600	---	---	---	45200	27000	32900
30	---	---	---	40100	26500	32400	---	---	---	45800	29800	35400
31	---	---	---	41000	26900	32800	---	---	---	44200	33400	37800
MONTH	47300	21700	34400	46900	23700	34900	53600	13700	35500	50500	26300	38300
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	44400	33000	37700	46800	30700	37200	43500	34800	38800	40600	25200	32600
2	46000	30400	37900	47600	31900	38600	42400	30800	36300	46200	27800	36900
3	46500	31200	38700	47100	34600	40000	42200	30600	35800	46200	28800	38000
4	46400	31500	40100	45100	33000	39200	45000	28700	36800	46300	31200	37700
5	51500	35300	44500	46500	29700	39500	45300	31400	38100	44000	31000	37300
6	51600	34500	43800	47000	30800	38600	46300	32300	38200	45300	30100	37400
7	51100	36800	44200	48300	29100	38400	46900	33300	38900	45500	30100	37600
8	50900	35900	42700	47900	28900	37400	47700	33200	39200	46200	30100	38300
9	50900	32800	40400	49100	28900	37400	47800	33700	40000	46800	31900	39000
10	50800	32000	39600	49800	28600	37900	46700	33400	39400	45700	32400	38200
11	47800	31100	38500	49300	28600	38000	47300	33700	40100	43900	31200	36700
12	44900	30200	36800	50500	30500	39500	45500	34300	39900	41900	29800	35000
13	45400	28200	35100	48100	29600	38800	45400	33600	39000	42600	31300	36300
14	47900	26500	36000	46500	29800	37700	45700	30600	37400	41300	30500	35900
15	47700	28400	36800	44800	29400	36700	42700	27700	35000	43700	30100	36200
16	47800	29900	37300	45800	30600	37100	46700	26700	36900	---	---	---
17	46900	31000	37500	43100	28800	35600	47500	29300	38900	---	---	---
18	46000	32200	38300	41900	28500	34800	49900	26200	41500	---	---	---
19	46100	33400	38800	42700	29700	35200	46000	35400	41200	---	---	---
20	45600	33700	38100	43100	27500	35000	46100	32800	39100	44600	33900	38200
21	45500	31400	37400	42100	24700	35100	45600	33600	39400	47100	35200	40100
22	47800	31800	38300	44100	25700	36000	47400	34100	40500	46600	36300	41100
23	48400	31200	38700	43500	31000	37100	46500	35400	40100	45300	35600	40400
24	51700	34000	41800	45200	32500	37500	46500	35200	40100	45300	35100	39700
25	51200	36300	42500	45400	33000	37700	46400	34100	39800	47400	34100	40300
26	51700	34600	41800	45100	34000	38200	45000	35300	39700	47600	35200	40600
27	50200	31400	40100	46400	34100	39200	44100	34200	38300	48700	35600	41200
28	47100	29300	38500	44900	34400	39700	41900	31900	36400	49000	36500	41700
29	46400	28100	36400	45600	34600	39200	41800	28900	35200	48200	36700	41600
30	45400	27300	35600	43600	35300	39300	41100	28600	33900	48300	36000	41200
31	---	---	---	43600	34200	39000	41800	28100	33700	---	---	---
MONTH	51700	26500	39100	50500	24700	37800	49900	26200	38300	49000	25200	38400
YEAR	53600	13700	37100									

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	49200	34400	43300	52700	36400	42500	51000	36200	43500	49600	35500	42000
2	49900	39400	44100	48700	35900	42100	50600	35600	43400	48500	32800	41000
3	50800	34400	43700	48100	34900	40800	50200	36700	43600	47900	34600	41000
4	51100	34400	43900	43300	30900	37000	48800	35600	41500	47800	34400	41400
5	52000	34500	44400	41100	28900	34600	48200	33200	41100	47000	35400	41300
6	52400	37700	45200	41900	31100	35700	48400	35000	41400	45600	35100	40200
7	51800	38300	44300	41200	31000	35700	47500	36500	41600	43800	33900	38700
8	51200	37800	43300	40100	30200	35500	46600	37500	42600	43900	33100	40700
9	50400	35400	42100	39800	31900	36000	45700	37700	42200	44900	36800	41200
10	50700	33700	42600	37800	28700	33100	45800	37600	42100	44200	35100	40100
11	45200	30600	38200	43600	30200	37600	45800	38500	42200	46100	33900	40800
12	42600	27900	34500	42700	32200	38200	46600	37900	42100	42600	33800	38700
13	41100	27300	32700	44800	33700	39300	44700	35500	40600	39900	31300	35700
14	42300	22400	32100	44200	31400	38200	44500	36400	41100	34800	32400	33100
15	41700	23300	32100	44500	31900	38300	47400	36800	42200	32300	31500	31900
16	42500	26500	32900	45900	33300	39200	45400	36300	40300	31600	31200	31400
17	44500	28100	35200	43300	32300	38100	46900	36500	41200	31300	30900	31100
18	43100	27000	33900	45500	29200	39100	46300	34400	41000	31000	30700	29600
19	48100	27600	35400	43700	33400	38900	44100	34200	39800	30800	30500	30600
20	44200	27800	34700	43500	34100	38300	48000	33900	41600	30600	30200	30400
21	45300	30100	36200	45400	35800	40400	46000	36800	41800	30400	30100	30200
22	43300	30700	35800	44500	36700	40800	45300	36300	40200	30200	29800	30000
23	48100	29900	35100	43800	36800	40500	44300	35400	40000	29900	29700	29800
24	55000	31300	38200	44500	37600	40700	43600	34600	40300	29800	29600	29700
25	46700	32500	37100	44100	36800	41200	45100	37600	42000	29700	29500	29600
26	42900	29700	35200	44600	40200	42400	46400	28500	40400	29700	29500	29600
27	45600	32400	37700	44600	36100	41300	47600	35700	42500	29700	29400	29600
28	44700	34400	38900	45900	35600	40400	47500	36200	42000	29600	29400	29500
29	44300	35600	38600	47500	33900	40500	48100	35300	41300	43500	29300	32800
30	57400	36600	44000	50500	32700	43200	48400	35400	41300	44600	29700	36500
31	56700	37400	43700	---	---	---	48000	34800	41200	42500	24800	33800
MONTH	57400	22400	38700	52700	28700	39000	51000	28500	41600	49600	24800	34900
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	43200	24800	33800	47000	30500	41900	46000	32000	39000	41100	30200	35200
2	43000	25000	33800	56200	31100	40300	45600	31900	37800	42000	31000	36300
3	39000	24300	31500	45000	33000	38700	46700	32200	38600	42100	34300	37900
4	39100	28400	33700	44500	30300	36500	47500	35500	39700	41200	34100	37600
5	38700	30600	35200	41300	31200	37000	44800	34900	39700	42500	36000	39800
6	40500	33700	37800	41200	33700	37700	41600	36400	38800	41000	35100	39000
7	41800	37300	39900	42000	34800	38600	42400	37000	40200	41800	35800	39400
8	43700	39000	41800	42700	38000	40900	42700	37000	40500	42500	37600	40500
9	45500	38900	42600	45200	39100	43200	43500	35100	40800	50000	37500	44300
10	42500	34900	39600	44800	35500	42100	44700	34100	40600	50500	32500	44500
11	41400	34300	38000	44800	38600	42000	47100	34200	41700	53200	36400	45300
12	41300	33300	37300	43900	37400	40900	49500	34200	42900	51600	39100	45500
13	42200	33100	36800	42700	34800	38400	50700	35500	42700	52500	37500	44700
14	41000	29900	35100	42800	33200	37600	50000	34900	41900	53600	36500	45200
15	39900	23800	31200	44700	32200	38600	49600	35100	41700	53900	31200	44700
16	39600	27000	32200	45300	28700	38600	48900	32000	40500	53600	36600	44700
17	38800	27300	32900	46300	27700	37800	46600	23800	34100	52000	37600	44900
18	40700	27600	33100	44900	30400	37900	45900	25700	34800	52700	36800	43800
19	39300	27900	33800	46600	29700	37900	47600	32000	40100	52500	38500	45600
20	37400	28000	32800	46500	29900	37400	46100	33400	39500	54600	39400	47900
21	36700	28100	32300	45100	30700	36500	44900	34800	39400	52800	37400	46600
22	38500	28100	33700	42400	30100	36200	43300	33200	38400	51000	38900	45800
23	34300	30200	32600	42300	31200	36500	42700	32800	38500	48900	38200	44300
24	31400	29800	30300	41600	29200	36100	42300	31100	37600	48800	36500	42700
25	29000	28400	28800	42500	32000	36800	44500	31800	37900	49200	33800	41200
26	44100	28600	32800	42800	31200	36500	43900	31500	37500	47100	32300	40600
27	46500	33400	39900	43200	30200	36700	44100	30200	37000	47200	31500	39800
28	47200	30900	38900	43500	30900	36400	41600	28300	35000	48900	33300	39400
29	---	---	---	47600	30700	38800	43000	28600	34200	52200	33000	41600
30	---	---	---	47900	30900	38800	42400	28600	34600	---	---	---
31	---	---	---	47500	32400	39800	---	---	---	---	---	---
MONTH	47200	23800	35100	56200	27700	38500	50700	23800	38900	54600	30200	42400

COOPER RIVER BASIN

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	45900	31200	38900	32600	32100	32200	47100	29000	38900
2	---	---	---	45600	31800	40800	32200	31600	31900	51100	30100	42300
3	---	---	---	44700	30800	39600	31600	31200	31400	49300	35100	43200
4	---	---	---	45300	34800	40600	31200	31000	31100	50800	36400	43600
5	---	---	---	47100	31700	41000	31200	30900	31000	50000	36200	42700
6	---	---	---	48000	34400	41100	31300	31000	31200	51800	34600	42700
7	---	---	---	49300	29900	39000	40100	30900	33300	52500	33100	43500
8	---	---	---	49700	31800	39600	41000	32700	36000	52600	35500	44700
9	---	---	---	50100	29500	39300	37500	35100	36400	52800	35900	47700
10	---	---	---	50600	29100	39800	46600	31800	36800	51000	36700	43800
11	49000	28900	37500	50900	30300	40400	46600	33300	39300	48300	33100	40900
12	48700	28000	37700	52200	29400	41300	45200	33600	36100	47400	32000	40800
13	49300	29400	39200	51000	31200	41000	35700	33200	34800	48500	35400	42500
14	49500	29100	39900	49000	31100	39800	48900	33800	39000	47000	36800	42700
15	49500	30300	39600	49400	28600	40300	47300	33600	40400	47900	34600	41800
16	46800	31900	40000	49800	29800	40000	49900	34900	42500	---	---	---
17	48200	32500	40300	48000	31500	40300	50900	39100	45400	---	---	---
18	46100	31500	39600	45900	32200	39800	52900	41900	47500	---	---	---
19	44900	33800	39500	45200	32200	40000	49600	41000	46300	47300	38700	43000
20	42800	29900	37500	44500	33700	39200	49900	37500	44400	48700	38300	43800
21	45800	32700	38200	44400	33800	39300	49800	39000	45100	50700	37300	44500
22	47100	33400	39600	48100	35700	41200	50200	39600	45300	51100	40600	46300
23	46400	32700	40300	49200	33800	40100	49700	40700	44800	49900	37600	43500
24	49200	33800	41900	49100	32700	41000	50500	38700	43900	50500	38800	44300
25	49000	34900	42800	49300	35200	41600	49300	36200	42900	49600	38500	43300
26	49900	35100	42200	50000	35600	42200	48200	35900	42700	49800	37000	43300
27	48600	34200	41600	50300	35200	42900	45800	36800	41700	51500	37900	45100
28	47000	30300	39000	49900	33700	43000	45700	33100	39800	52500	39200	46100
29	46900	28100	38400	48100	36700	42300	46000	32500	38400	51400	40300	46000
30	45400	31300	37700	44500	34300	37700	41200	29200	35700	51500	40200	45600
31	---	---	---	36300	32700	33700	46700	31500	38400	---	---	---
MONTH	49900	28000	39600	52200	28600	40200	52900	29200	38900	52800	29000	43500
YEAR	57400	22400	39200									

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, 12.25 ft, Feb. 15, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.54 ft, July 12; minimum gage height, 12.25 ft, Feb. 15.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.77	15.26	18.21	21.14	14.75	18.21	21.56	14.00	17.86	22.02	13.98	18.19
2	20.86	14.86	18.09	21.70	14.61	18.37	21.66	13.70	17.83	21.73	14.12	17.75
3	21.01	14.82	18.09	21.88	14.50	18.26	22.09	14.07	18.13	21.22	13.82	17.56
4	21.14	14.57	17.99	22.02	14.31	18.16	21.19	13.62	17.22	21.36	14.48	18.04
5	21.22	13.71	17.90	22.06	14.54	18.31	20.87	13.46	17.29	21.04	15.32	18.17
6	21.72	14.42	18.16	21.68	14.68	18.14	21.07	14.54	17.76	20.35	15.13	17.75
7	21.48	14.53	17.95	21.67	15.10	18.32	21.12	14.96	17.92	20.07	15.30	17.68
8	21.31	14.73	17.99	21.56	15.40	18.51	20.92	15.42	18.14	20.24	16.10	18.12
9	21.39	15.11	18.18	22.07	16.53	19.30	20.42	15.64	18.04	20.58	15.85	18.02
10	22.10	15.87	18.97	20.94	14.66	17.86	20.43	15.10	17.84	20.48	16.22	18.35
11	21.47	15.54	18.57	20.16	15.26	17.78	20.27	15.86	18.08	21.28	15.61	18.76
12	21.51	16.01	18.80	20.18	14.98	17.76	20.70	15.07	17.95	20.64	14.38	17.98
13	20.94	15.80	18.52	20.62	15.26	18.15	20.11	14.67	17.39	19.76	14.50	17.62
14	21.05	15.58	18.51	20.80	15.44	18.15	19.82	14.91	17.66	20.60	15.35	18.11
15	20.75	15.17	18.22	20.82	15.21	18.07	20.84	15.06	17.96	20.89	15.24	18.29
16	20.82	15.25	18.32	20.73	15.16	18.05	20.08	14.61	17.29	20.87	15.10	17.92
17	21.22	15.57	18.51	20.51	15.09	17.80	20.39	14.51	17.66	20.07	14.25	17.31
18	21.15	15.20	18.15	21.24	15.61	18.40	20.57	15.17	17.80	20.27	14.63	17.57
19	20.86	14.50	18.08	21.02	15.65	18.23	20.10	14.55	17.39	21.18	15.02	18.00
20	20.94	15.58	18.26	20.74	15.71	18.09	20.86	15.49	18.06	20.26	14.64	17.76
21	20.90	15.82	18.20	20.88	15.98	18.32	20.30	14.84	17.60	19.78	14.24	17.01
22	20.49	15.55	17.98	20.56	15.99	18.21	20.13	14.75	17.44	20.40	15.45	17.73
23	20.05	15.70	17.76	20.12	15.57	17.80	19.73	14.86	17.39	20.46	15.51	18.00
24	20.24	16.03	18.02	19.93	15.58	17.58	19.42	14.11	16.88	20.41	15.60	17.98
25	20.29	15.18	17.75	19.67	15.24	17.45	19.72	15.11	17.55	21.08	15.58	18.49
26	20.35	15.76	18.03	19.57	15.10	17.38	20.41	15.12	17.81	21.33	14.88	18.33
27	20.73	16.80	18.63	19.84	14.83	17.52	20.88	15.20	18.11	21.33	14.36	18.16
28	20.65	15.92	18.49	20.50	14.32	17.56	21.06	14.26	17.82	21.43	14.00	18.07
29	20.65	15.86	18.52	20.66	13.24	17.24	21.20	13.83	17.75	21.56	13.82	18.08
30	20.89	15.34	18.50	21.02	13.95	17.79	21.29	13.77	17.70	22.05	14.19	18.18
31	20.97	14.54	18.26	---	---	---	21.15	13.52	17.48	20.98	13.64	17.50
MONTH	22.10	13.71	18.25	22.07	13.24	18.03	22.09	13.46	17.70	22.05	13.64	17.95

COOPER RIVER BASIN

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON. SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM). WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	21.51	14.53	18.08	21.33	14.37	18.12	20.70	14.70	17.70	20.97	15.43	17.96
2	21.06	14.47	17.89	20.94	14.27	17.83	20.71	14.68	17.55	20.57	15.13	17.83
3	19.85	13.95	17.09	21.14	14.57	18.00	20.89	15.19	17.84	20.31	15.87	17.95
4	19.54	14.57	17.03	19.71	14.03	17.01	20.35	15.47	17.76	20.21	15.69	17.74
5	19.53	14.81	17.02	19.91	14.73	17.31	19.90	15.33	17.21	20.15	15.85	17.89
6	19.53	15.30	17.26	19.67	15.39	17.47	19.55	15.23	17.15	19.70	15.51	17.44
7	19.61	15.82	17.60	19.46	15.21	17.06	19.19	15.39	17.18	19.57	15.21	17.43
8	19.81	15.77	17.93	19.41	15.84	17.79	19.09	15.31	17.16	20.06	15.73	18.00
9	20.53	16.22	18.42	20.01	16.49	18.18	19.23	15.11	17.14	20.21	15.47	17.95
10	20.62	15.80	18.28	20.17	15.80	17.89	19.11	14.55	17.07	20.41	15.09	17.90
11	20.49	15.26	18.03	20.03	15.81	18.06	20.40	15.10	17.74	21.31	14.77	18.13
12	20.31	15.31	17.97	20.43	15.95	18.32	20.99	15.11	18.25	21.43	14.59	18.22
13	20.60	15.22	17.93	20.76	15.39	18.28	21.01	14.65	18.07	21.75	14.19	18.11
14	19.88	14.26	17.17	20.65	15.15	18.00	21.03	13.95	17.66	22.01	14.25	18.17
15	19.61	12.25	15.98	21.25	14.89	18.30	21.61	14.43	17.99	21.93	14.11	18.06
16	19.89	12.86	16.48	21.31	15.11	18.37	21.27	13.97	17.73	21.97	14.39	18.07
17	19.97	13.67	17.08	21.59	15.01	18.34	21.40	14.05	17.57	21.53	14.53	18.01
18	20.00	13.81	17.03	21.28	14.55	18.17	21.49	14.37	17.63	21.13	14.73	17.78
19	20.03	13.93	17.03	21.37	14.55	17.89	21.35	15.42	18.27	21.49	15.17	18.36
20	19.63	13.86	16.82	21.11	14.84	17.95	21.25	15.25	18.10	21.67	16.15	18.82
21	19.65	13.99	16.66	20.69	14.80	17.75	21.07	15.33	17.96	21.69	16.17	18.83
22	19.75	14.44	16.93	20.61	14.63	17.53	20.53	15.07	17.76	21.19	16.01	18.70
23	19.98	15.21	17.72	20.39	14.73	17.31	20.50	15.19	18.05	21.15	15.67	18.57
24	20.86	14.66	17.81	19.87	14.39	17.12	20.53	14.85	17.95	21.01	15.35	18.33
25	20.83	14.49	17.88	20.09	14.89	17.60	21.09	15.36	18.27	21.03	15.05	18.17
26	21.13	14.43	17.93	20.43	14.45	17.64	20.97	15.25	18.27	21.13	15.33	18.21
27	21.08	14.38	17.97	20.55	14.19	17.74	21.27	14.81	18.06	20.82	14.91	17.89
28	21.33	14.20	17.95	20.31	13.79	17.31	20.95	14.81	17.88	20.57	14.85	17.69
29	---	---	---	21.27	13.85	17.78	21.16	14.71	17.88	20.97	14.91	17.75
30	---	---	---	20.77	13.59	17.20	21.02	15.02	17.95	21.17	15.73	18.31
31	---	---	---	21.19	14.49	17.91	---	---	---	20.81	15.85	18.34
MONTH	21.51	12.25	17.46	21.59	13.59	17.78	21.61	13.95	17.76	22.01	14.11	18.08
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.69	15.75	18.25	20.39	15.41	17.88	20.32	15.00	17.88	20.82	15.25	18.09
2	20.71	16.31	18.35	20.54	15.33	18.05	20.31	15.07	17.81	21.88	16.19	19.07
3	20.43	16.11	18.25	20.33	15.34	17.93	20.18	14.67	17.48	21.77	16.04	18.95
4	20.47	15.85	18.20	20.02	15.18	17.79	20.59	14.78	17.65	21.88	15.81	18.85
5	21.29	16.91	19.22	20.32	15.14	17.87	20.99	14.95	17.89	21.82	15.30	18.70
6	21.51	16.59	19.21	20.74	15.10	18.01	21.37	14.80	18.04	21.85	14.77	18.54
7	21.13	16.41	18.96	21.32	15.00	18.19	21.47	14.37	18.05	22.03	14.73	18.56
8	21.37	15.75	18.62	21.46	15.08	18.25	21.88	13.89	18.08	22.01	15.35	18.94
9	21.33	14.85	18.22	21.66	14.52	18.14	22.03	14.16	18.17	22.03	15.38	18.89
10	21.53	14.49	18.16	22.00	14.22	18.25	21.51	13.85	17.85	21.55	15.21	18.55
11	21.79	14.17	18.12	22.14	14.34	18.25	21.75	14.30	18.19	21.24	15.20	18.22
12	21.83	13.91	17.96	22.54	14.60	18.58	21.52	14.89	18.34	20.79	15.13	18.06
13	21.93	13.75	17.75	22.06	14.60	18.42	21.23	14.94	18.23	21.01	15.82	18.39
14	21.82	14.20	17.97	21.36	14.51	17.99	20.92	14.99	17.93	20.48	15.84	18.08
15	21.42	14.51	17.92	21.27	14.55	17.98	20.42	14.96	17.70	20.21	15.72	17.97
16	21.14	14.64	17.83	21.39	14.81	18.16	20.40	15.20	17.85	20.50	16.34	18.34
17	20.96	14.70	17.88	21.26	15.14	18.11	20.58	15.70	18.19	20.40	16.33	18.31
18	20.66	14.78	17.87	20.43	15.06	17.89	20.80	16.06	18.43	20.41	16.34	18.34
19	20.58	15.08	17.92	20.34	15.09	17.74	20.42	15.69	18.13	20.34	15.81	18.20
20	20.36	14.88	17.69	20.36	14.96	17.68	20.38	15.58	17.79	20.87	15.74	18.30
21	20.38	14.79	17.55	20.38	14.79	17.55	20.12	15.37	17.69	21.41	16.55	18.99
22	20.39	14.90	17.59	20.37	15.23	17.73	20.55	15.57	17.98	21.38	16.38	19.01
23	20.36	14.66	17.45	20.46	15.25	17.84	20.72	15.59	18.14	21.23	15.78	18.69
24	21.65	15.28	18.65	20.65	15.33	17.86	20.80	15.33	18.03	21.30	15.54	18.55
25	21.62	16.54	18.96	20.61	14.85	17.69	20.83	15.24	18.09	21.21	15.24	18.25
26	21.71	16.24	18.80	20.65	15.05	17.72	20.83	15.32	18.17	21.00	14.73	17.99
27	21.26	16.09	18.66	20.89	15.20	17.90	20.79	15.30	18.26	21.28	15.02	18.31
28	20.92	15.74	18.24	20.67	15.24	17.97	20.83	15.17	18.17	21.44	15.63	18.55
29	20.81	15.58	18.14	20.52	15.13	17.82	20.91	15.25	18.23	21.19	15.66	18.32
30	20.60	15.55	18.05	20.14	15.02	17.66	20.85	15.44	18.19	21.01	15.22	18.09
31	---	---	---	20.15	14.92	17.73	21.00	15.46	18.25	---	---	---
MONTH	21.93	13.75	18.21	22.54	14.22	17.96	22.03	13.85	18.03	22.03	14.73	18.47
YEAR	22.54	12.25	17.98									

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, Jan. 11 to Feb. 27, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	20	19	20	21	20	23	21	22	19	46	29
2	16	20	19	21	20	28	22	19	27	19	73	29
3	16	20	19	21	19	35	21	19	26	20	50	25
4	16	20	19	21	19	29	21	19	23	46	37	25
5	17	20	20	21	18	24	22	26	21	38	31	24
6	16	19	19	22	17	17	22	35	20	28	28	23
7	16	19	20	22	24	19	21	26	19	24	27	23
8	16	19	21	24	21	20	21	24	19	22	42	23
9	16	21	20	22	20	20	22	22	19	21	29	22
10	36	26	20	21	18	21	22	22	18	20	27	16
11	62	22	20	27	17	21	20	21	17	20	29	17
12	109	21	20	31	18	21	20	19	17	19	38	18
13	51	20	20	23	19	23	20	31	17	19	36	19
14	33	20	20	20	19	22	23	34	17	18	36	20
15	25	20	20	22	18	21	22	22	19	19	36	21
16	22	19	20	24	17	21	20	20	18	22	31	27
17	21	19	20	21	17	21	19	19	17	26	28	32
18	20	19	20	18	17	21	19	25	18	28	26	26
19	20	19	20	23	17	20	19	27	21	26	27	25
20	20	19	22	35	17	20	19	25	26	24	27	27
21	19	19	22	28	17	20	19	23	25	23	25	25
22	45	19	21	19	17	20	19	22	23	24	25	24
23	114	19	21	18	26	20	19	22	22	24	24	23
24	42	19	20	26	21	20	20	21	21	21	28	23
25	28	19	20	28	19	20	19	20	20	45	41	37
26	24	19	20	19	18	20	18	22	19	27	33	36
27	22	19	20	18	17	20	21	22	23	24	30	28
28	21	20	20	17	18	20	22	21	25	34	28	26
29	21	20	20	25	---	28	21	20	21	40	26	25
30	20	19	20	39	---	36	30	24	20	33	26	24
31	20	---	20	28	---	26	---	23	---	31	25	---
TOTAL	941	594	622	724	526	694	626	716	620	804	1015	742
MEAN	30.4	19.8	20.1	23.4	18.8	22.4	20.9	23.1	20.7	25.9	32.7	24.7
MAX	114	26	22	39	26	36	30	35	27	46	73	37
MIN	16	19	19	17	17	17	18	19	17	18	24	16
CFSM	.97	.63	.64	.75	.60	.72	.67	.74	.66	.83	1.05	.79
IN.	1.12	.71	.74	.86	.63	.83	.75	.85	.74	.96	1.21	.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	23.0	23.6	24.4	24.9	25.0	24.2	23.8	22.3	21.0	21.5	22.6
MAX	30.4	31.4	28.1	29.2	29.9	33.7	33.3	32.5	27.6	26.6	32.7
(WY)	1991	1986	1982	1987	1983	1983	1983	1984	1983	1984	1991
MIN	16.5	18.8	18.8	18.5	18.2	15.3	17.6	17.6	14.6	13.6	15.8
(WY)	1989	1990	1989	1990	1989	1989	1990	1990	1990	1990	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1981 - 1991

ANNUAL TOTAL	6721	8624	
ANNUAL MEAN	18.4	23.6	23.2
HIGHEST ANNUAL MEAN			27.5
LOWEST ANNUAL MEAN			17.2
HIGHEST DAILY MEAN	114	114	114
LOWEST DAILY MEAN	11	16	.00
ANNUAL SEVEN-DAY MINIMUM	12	16	12
INSTANTANEOUS PEAK FLOW		229	229
INSTANTANEOUS PEAK STAGE		6.21	6.21
INSTANTANEOUS LOW FLOW		16	10
ANNUAL RUNOFF (CFSM)	.59	.76	.75
ANNUAL RUNOFF (INCHES)	8.01	10.28	10.12
10 PERCENT EXCEEDS	21	31	29
50 PERCENT EXCEEDS	17	21	22
90 PERCENT EXCEEDS	14	18	17

* Also occurred on Oct. 3, 6, 8, 9.

EDISTO RIVER BASIN

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.--Records good except for estimated daily discharges, Oct. 12 - Nov. 8, which are poor.

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).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	189	1000	652	679	1640	867	1150	1020	915	680	1160	899
2	191	920	651	679	1490	1050	1110	948	978	631	2060	855
3	195	850	654	679	1370	1350	1100	994	947	607	2220	835
4	195	800	661	677	1310	1700	1230	1030	863	646	2250	811
5	195	750	671	676	1330	1680	1270	1040	813	761	1910	792
6	197	700	678	695	1290	1520	1350	1210	791	987	1540	752
7	192	660	692	698	1290	1520	1220	1270	789	1110	1350	704
8	194	640	703	700	1300	1790	1100	1200	823	1230	1570	714
9	191	634	693	720	1250	1920	1080	1160	797	1140	1460	696
10	230	725	689	717	1170	1690	1010	1050	731	945	1240	654
11	531	801	685	709	1090	1450	960	990	664	809	1120	623
12	900	810	675	752	1020	1270	936	1030	612	706	1050	606
13	1800	810	667	795	982	1190	882	984	580	636	1180	596
14	1700	796	663	807	956	1220	833	954	578	600	1580	584
15	1500	770	658	809	920	1170	808	925	634	561	1600	572
16	1400	771	652	810	870	1100	876	961	659	547	1500	564
17	1500	829	646	836	833	1040	904	1040	628	590	1550	599
18	1700	843	643	898	804	990	880	980	617	628	1410	583
19	1600	807	658	977	798	965	851	1040	689	672	1230	569
20	1500	764	688	1110	792	960	810	949	811	724	1110	571
21	1100	724	694	1140	794	941	792	950	910	864	1030	595
22	920	690	708	1120	791	895	779	977	931	1030	953	618
23	860	668	705	1090	820	851	761	939	852	999	883	634
24	1700	654	695	1070	881	820	741	910	820	964	813	631
25	2700	645	691	1170	902	798	727	961	767	1090	843	652
26	2500	637	717	1230	903	776	729	973	702	1010	984	714
27	2000	630	741	1210	889	753	741	1020	754	838	1080	738
28	1600	654	738	1130	870	736	812	1000	766	831	1080	772
29	1400	664	722	1060	---	759	889	959	743	1020	1070	808
30	1300	657	706	1230	---	1080	1050	922	718	918	1010	745
31	1100	---	692	1610	---	1170	---	901	---	830	939	---
TOTAL	33280	22303	21188	28483	29355	36021	28381	31287	22882	25604	40775	20486
MEAN	1074	743	683	919	1048	1162	946	1009	763	826	1315	683
MAX	2700	1000	741	1610	1640	1920	1350	1270	978	1230	2250	899
MIN	189	630	643	676	791	736	727	901	578	547	813	564
CFSM	1.49	1.03	.95	1.28	1.46	1.61	1.31	1.40	1.06	1.15	1.83	.95
IN.	1.72	1.15	1.09	1.47	1.52	1.86	1.47	1.62	1.18	1.32	2.11	1.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1991, BY WATER YEAR (WY)

	MEAN	607	661	826	957	1071	1153	1040	678	563	528	583	552
MAX	2436	1786	2190	1658	2688	2328	3017	1358	1331	1257	1507	2177	
(WY)	1960	1948	1949	1964	1960	1948	1936	1964	1965	1941	1971	1964	
MIN	250	358	456	446	555	544	421	314	233	196	238	211	
(WY)	1955	1955	1956	1956	1957	1955	1945	1941	1956	1986	1957	1990	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1931 - 1991

ANNUAL TOTAL	205705		340045										
ANNUAL MEAN	564		932										
HIGHEST ANNUAL MEAN													
LOWEST ANNUAL MEAN													
HIGHEST DAILY MEAN	2700	Oct 25	2700	Oct 25									
LOWEST DAILY MEAN	133	Jul 13	189	Oct 1									
ANNUAL SEVEN-DAY MINIMUM	138	Jul 7	193	Oct 1									
INSTANTANEOUS PEAK FLOW			2770	Oct 25									
INSTANTANEOUS PEAK STAGE			7.86	Oct 25									
INSTANTANEOUS LOW FLOW			183	Oct 1									
ANNUAL RUNOFF (CFSM)			1.29										
ANNUAL RUNOFF (INCHES)	10.63		17.57										
10 PERCENT EXCEEDS	862		1400										
50 PERCENT EXCEEDS	591		851										
90 PERCENT EXCEEDS	192		631										

* From rating curve extended above 7,100 ft³/s on basis of velocity-area studies.

** Also occurred on July 13, 1990.

EDISTO RIVER BASIN

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.--December 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, Jan. 16 to Feb. 1, which are poor. About 8.5 ft³/s, diverted by City of Orangeburg for municipal supply.

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	297	996	680	648	1710	870	1370	922	873	636	2550	1350
2	300	908	661	640	1570	1020	1310	900	1170	591	2820	1210
3	296	849	652	626	1370	1340	1230	920	1390	564	3010	1080
4	295	794	650	624	1220	1930	1300	1070	1290	1280	2840	991
5	290	746	650	633	1210	2000	1380	1170	1020	1880	2280	920
6	294	699	653	640	1230	1810	1320	1360	893	2040	1790	872
7	293	670	651	643	1220	1540	1220	1520	833	1710	1490	837
8	290	650	668	666	1220	1500	1140	1670	849	1370	1560	812
9	290	675	665	664	1200	1720	1080	1450	850	1190	1490	786
10	539	736	664	654	1150	1590	1030	1180	771	1040	1370	779
11	1350	793	657	685	1080	1360	990	1030	674	902	1310	776
12	2040	852	649	785	999	1190	956	1050	595	798	1350	752
13	1840	864	643	823	960	1150	941	1130	547	707	1720	717
14	1660	842	633	832	940	1180	942	1400	653	624	1950	689
15	1530	803	628	819	919	1160	964	1230	852	569	1880	675
16	1590	778	624	855	881	1130	1050	1080	931	594	1850	671
17	1920	774	617	866	851	1070	1070	983	842	669	1680	680
18	1980	789	613	866	830	1030	1030	923	800	746	1500	678
19	1560	783	608	937	819	1010	967	940	761	839	1350	675
20	1220	744	626	1120	814	1030	914	940	745	872	1240	712
21	1010	699	663	1160	814	1030	867	912	825	899	1170	758
22	941	664	702	1200	809	1000	832	884	924	1210	1100	792
23	2290	648	722	1120	824	952	798	866	905	1230	1030	793
24	2980	631	723	1090	851	906	774	857	847	1080	956	774
25	2690	616	701	1160	900	887	739	834	844	996	1130	780
26	2290	606	672	1180	914	873	726	802	831	882	1640	828
27	1770	598	654	1240	911	858	744	783	849	852	1770	907
28	1480	606	652	1200	889	835	843	770	835	956	1580	937
29	1410	630	659	1070	---	894	894	809	757	1300	1460	912
30	1300	663	666	1220	---	1250	934	939	688	2320	1410	862
31	1130	---	662	1590	---	1360	---	895	---	3080	1370	---
TOTAL	39165	22106	20368	28256	29105	37475	30355	32219	25644	34426	51646	25005
MEAN	1263	737	657	911	1039	1209	1012	1039	855	1111	1666	833
MAX	2980	996	723	1590	1710	2000	1380	1670	1390	3080	3010	1350
MIN	290	598	608	624	809	835	726	770	547	564	956	671
CFSM	1.85	1.08	.96	1.33	1.52	1.77	1.48	1.52	1.25	1.63	2.44	1.22
IN.	2.13	1.20	1.11	1.54	1.59	2.04	1.65	1.75	1.40	1.88	2.81	1.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1991, BY WATER YEAR (WY)

	MEAN	636	650	791	919	1017	1102	962	711	644	627	661	626
MAX	2585	1467	1748	1555	2249	1949	1886	1447	1627	1426	1666	1904	
(WY)	1965	1960	1949	1964	1960	1971	1961	1975	1973	1964	1991	1964	
MIN	264	333	391	396	512	524	443	332	239	238	239	221	
(WY)	1955	1955	1956	1956	1957	1953	1945	1941	1956	1986	1954	1954	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1939 - 1991
ANNUAL TOTAL	227803	375770	
ANNUAL MEAN	624	1030	779
HIGHEST ANNUAL MEAN			1389
LOWEST ANNUAL MEAN			437
HIGHEST DAILY MEAN	2980	Oct 24	3080 Jul 31
LOWEST DAILY MEAN	232	Jul 12	* 293 Oct 5
ANNUAL SEVEN-DAY MINIMUM	244	Jul 7	290 Oct 3
INSTANTANEOUS PEAK FLOW			3190 Jul 31
INSTANTANEOUS PEAK STAGE			9.53 Jul 31
INSTANTANEOUS LOW FLOW			288 Oct 8
ANNUAL RUNOFF (CFSM)	.91	1.51	1.14
ANNUAL RUNOFF (INCHES)	12.41	20.47	15.50
10 PERCENT EXCEEDS	901	1590	1290
50 PERCENT EXCEEDS	606	900	669
90 PERCENT EXCEEDS	299	642	378

* Also occurred on Oct. 8, 9.

** From rating curve extended above 5,300 ft³/s by velocity-area studies.

EDISTO RIVER BASIN

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.--Records good except for estimated daily discharges, June 20 - 24, which are fair.

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	398	4020	1470	1620	5630	2270	3750	2980	2640	1980	3630	3810
2	413	3720	1470	1670	6020	2430	4020	3510	3310	1840	4400	3660
3	435	3400	1500	1690	5920	2880	3880	3510	3650	1670	4960	3350
4	443	3060	1540	1690	5450	3830	3620	3160	3670	1520	5980	3090
5	447	2780	1540	1670	4920	4880	3420	2870	3580	1390	6590	2850
6	442	2520	1530	1620	4430	5650	3490	2870	3320	1450	6410	2630
7	436	2280	1510	1590	4200	5720	3770	3130	2950	1910	5990	2450
8	436	2060	1510	1660	4200	5340	3940	3370	2580	2570	5370	2330
9	436	1880	1520	1720	4210	4840	3970	3580	2280	2970	4740	2200
10	523	1910	1540	1780	4230	4500	3770	3660	2070	3110	4400	2090
11	1460	1960	1560	1850	4150	4500	3530	3610	1990	3090	4380	1990
12	2520	2020	1580	1970	3930	4550	3290	3460	1960	2900	4180	1870
13	3430	2130	1590	2080	3680	4330	3030	3180	1820	2590	3890	1760
14	4040	2230	1570	2180	3440	4110	2840	2930	1640	2240	3880	1670
15	4280	2260	1550	2290	3180	3880	2790	2850	1470	1890	4100	1580
16	4400	2240	1540	2370	2970	3690	2760	2960	1440	1610	4590	1510
17	4790	2180	1510	2380	2800	3530	2690	3100	1620	1440	4930	1470
18	4960	2090	1490	2380	2660	3370	2730	3020	1800	1370	4820	1430
19	5000	1990	1470	2430	2540	3210	2770	2870	2010	1410	4530	1410
20	5050	1920	1470	2680	2440	3050	2850	2840	2400	1500	4270	1420
21	4830	1900	1520	2990	2340	2900	2830	2900	2700	1630	3980	1400
22	4310	1910	1580	3390	2260	2770	2680	2960	2600	1730	3720	1360
23	4210	1900	1640	3620	2210	2690	2490	2840	2500	1770	3400	1360
24	4500	1830	1690	3650	2170	2640	2320	2670	2400	1880	3140	1400
25	5470	1750	1710	3820	2150	2550	2170	2580	2240	2240	3350	1490
26	6120	1660	1720	3980	2160	2430	2040	2480	2210	2460	4020	1610
27	6280	1580	1710	4070	2200	2310	1940	2390	2110	2500	4080	1700
28	6350	1530	1680	4100	2260	2200	1940	2320	2050	2540	4160	1790
29	5940	1490	1640	4040	---	2150	2000	2300	2030	2520	4200	1860
30	5160	1470	1610	4240	---	2550	2290	2330	2020	2580	4110	1910
31	4450	---	1600	5040	---	3100	---	2410	---	2830	3940	---
TOTAL	101959	65670	48560	82260	98750	108850	89610	91640	71060	65130	138140	60450
MEAN	3289	2189	1566	2654	3527	3511	2987	2956	2369	2101	4456	2015
MAX	6350	4020	1720	5040	6020	5720	4020	3660	3670	3110	6590	3810
MIN	398	1470	1470	1590	2150	2150	1940	2300	1440	1370	3140	1360
CFSM	1.91	1.27	.91	1.54	2.05	2.04	1.74	1.72	1.38	1.22	2.59	1.17
IN.	2.21	1.42	1.05	1.78	2.14	2.35	1.94	1.98	1.54	1.41	2.99	1.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1946 - 1991, BY WATER YEAR (WY)

	MEAN	1525	1494	1976	2430	2843	3048	2688	1830	1515	1378	1472	1417
MAX	6495	4515	5641	4170	7123	5319	5742	3692	4284	3492	4456	5938	
(WY)	1965	1960	1949	1973	1960	1948	1961	1984	1973	1964	1991	1964	
MIN	481	640	902	945	1086	1192	1142	789	476	475	445	453	
(WY)	1955	1955	1957	1956	1989	1955	1985	1981	1956	1956	1956	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1946 - 1991

ANNUAL TOTAL	537725	1022079	1963
ANNUAL MEAN	1473	2800	3697
HIGHEST ANNUAL MEAN			980
LOWEST ANNUAL MEAN			14400
HIGHEST DAILY MEAN	6350	Oct 28	Sep 3 1964
LOWEST DAILY MEAN	325	Jul 13	325
ANNUAL SEVEN-DAY MINIMUM	350	Jul 9	350
INSTANTANEOUS PEAK FLOW		6620	14600
INSTANTANEOUS PEAK STAGE		9.22	11.44
INSTANTANEOUS LOW FLOW		396	323
ANNUAL RUNOFF (CFSM)	.86	1.63	1.14
ANNUAL RUNOFF (INCHES)	11.63	22.11	15.51
10 PERCENT EXCEEDS	2660	4500	3620
50 PERCENT EXCEEDS	1390	2540	1580
90 PERCENT EXCEEDS	478	1510	797

* Also occurred on July 13, 1990.

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.

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	310	9390	2110	2100	11600	2920	3050	3520	2920	2370	3840	7210
2	310	8800	2020	2210	12400	2920	3220	3830	2950	2280	5300	7080
3	314	7940	1970	2340	12700	3290	3570	4410	3050	2180	6940	6750
4	330	7050	1950	2440	12900	4340	4050	4920	3250	2080	8250	6350
5	341	6390	1950	2460	13000	6420	4360	5270	3640	1980	9340	5870
6	337	5630	1950	2440	12600	7840	4600	5630	3950	1870	10300	5320
7	335	4980	1940	2370	11800	8680	4770	5890	4070	1870	10800	4760
8	332	4430	1950	2310	10900	9400	4960	5830	4030	2000	11200	4280
9	328	3950	1950	2240	10100	10200	5200	5410	3840	2030	11500	3750
10	358	3980	1950	2230	9570	10900	5470	5080	3480	2160	11500	3280
11	669	4100	1950	2280	8950	10700	5690	4930	3030	2410	11000	2870
12	1740	4230	1950	2380	8340	9970	5750	4870	2610	2710	10400	2540
13	2620	4260	1960	2520	7790	9050	5610	4870	2350	2960	10500	2310
14	3320	4130	1960	2710	7320	8340	5320	4920	2220	3170	11000	2120
15	4260	3930	1960	2890	6800	7790	5030	4950	2240	3290	10700	1920
16	4950	3780	1950	3130	6340	7260	4760	4880	2240	3250	9830	1780
17	5680	3680	1930	3410	5830	6710	4630	4620	2060	3010	8960	1650
18	6730	3580	1920	3720	5360	6250	4740	4270	1870	2680	8320	1530
19	8010	3460	1900	4000	4950	5790	4900	4000	1820	2380	7930	1440
20	8740	3320	1890	4520	4590	5390	5070	3840	1920	2230	7670	1360
21	8670	3170	1940	5230	4260	5050	5170	3760	2440	2300	7280	1310
22	8350	3020	2000	6140	3980	4750	5210	3760	3260	2500	6790	1270
23	8350	2890	2050	6620	3740	4460	5180	3840	3480	2570	6320	1230
24	8140	2790	2090	6870	3550	4200	4970	3930	3440	2450	5870	1190
25	7960	2720	2110	7250	3380	3970	4590	3970	3280	2280	5670	1180
26	7860	2650	2130	7710	3240	3760	4130	3930	2990	2140	5690	1210
27	7830	2550	2140	8210	3100	3570	3690	3810	2780	2180	5980	1270
28	8010	2440	2150	8520	2990	3390	3450	3600	2670	2440	6650	1340
29	8310	2330	2140	8640	---	3200	3320	3360	2580	2940	7150	1410
30	8700	2220	2120	9110	---	3100	3280	3150	2460	3220	7300	1460
31	9260	---	2100	10000	---	3030	---	3010	---	3410	7310	---
TOTAL	141454	127790	62080	139000	212080	186640	137740	136060	86920	77340	257290	87040
MEAN	4563	4260	2003	4484	7574	6021	4591	4389	2897	2495	8300	2901
MAX	9260	9390	2150	10000	13000	10900	5750	5890	4070	3410	11500	7210
MIN	310	2220	1890	2100	2990	2920	3050	3010	1820	1870	3840	1180
CFSM	1.67	1.56	.73	1.64	2.77	2.21	1.68	1.61	1.06	.91	3.04	1.06
IN.	1.93	1.74	.85	1.89	2.89	2.54	1.88	1.85	1.18	1.05	3.51	1.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1991, BY WATER YEAR (WY)

	MEAN	1812	1585	2381	3125	4136	4779	3789	2236	1816	1745	1982	1949
MAX	13060	7657	10790	6861	10910	9963	8972	5857	9000	7902	8300	9478	
(WY)	1965	1960	1949	1946	1973	1948	1961	1984	1973	1941	1991	1964	
MIN	415	544	812	1096	1125	1171	1054	685	435	352	344	385	
(WY)	1955	1955	1955	1956	1989	1955	1985	1985	1956	1988	1988	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1939 - 1991

ANNUAL TOTAL	748582	1651434	2609
ANNUAL MEAN	2051	4524	5225
HIGHEST ANNUAL MEAN			1191
LOWEST ANNUAL MEAN			24100
HIGHEST DAILY MEAN	9390	Nov 1	252
LOWEST DAILY MEAN	252	Jul 13	257
ANNUAL SEVEN-DAY MINIMUM	257	Jul 11	325
INSTANTANEOUS PEAK FLOW			13000
INSTANTANEOUS PEAK STAGE			13.59
INSTANTANEOUS LOW FLOW			307
ANNUAL RUNOFF (CFSM)	.75	1.66	.96
ANNUAL RUNOFF (INCHES)	10.20	22.50	12.98
10 PERCENT EXCEEDS	4270	8720	5440
50 PERCENT EXCEEDS	1890	3760	1800
90 PERCENT EXCEEDS	355	1930	720

* Also occurred on Oct. 2.

EDISTO RIVER BASIN
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 1990 TO SEPTEMBER 1991

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)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)	PH (STAND-ARD UNITS)
NOV 29...	1400	2320	764	17.5	K41	80	13	15	6.8	71	21	6.9
JAN 31...	1445	10200	765	11.0	230	340	8	9.5	8.5	77	19	6.6
MAR 28...	1130	3390	758	21.0	K33	K48	14	16	5.7	64	20	6.9
MAY 23...	1300	3850	759	23.0	K67	130	16	16	5.4	63	21	6.9
JUL 25...	1030	2290	760	28.0	K52	970	10	17	4.6	59	22	6.8
SEP 24...	0915	1190	765	24.0	K15	81	10	13	6.5	77	16	6.7
DATE	PH LAB (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	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	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV 29...	7.1	78	79	3.5	6.7	1.1	2.1	6.1	36	0.6	7.9	<0.10
JAN 31...	6.8	59	58	2.8	5.8	0.99	1.4	3.8	29	0.4	6.4	<0.10
MAR 28...	7.1	67	66	4.3	6.3	1.1	1.8	4.5	30	0.4	7.5	<0.10
MAY 23...	6.9	65	63	5.5	6.4	1.1	1.9	4.8	31	0.5	7.0	<0.10
JUL 25...	7.2	75	70	4.2	6.8	1.2	1.6	5.4	33	0.5	6.6	0.10
SEP 24...	7.2	60	62	4.1	4.7	1.0	1.7	5.2	39	0.6	7.3	<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, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	
NOV 29...	5.2	7.3	61	43	0.08	382	--	<0.010	<0.010	<0.100	<0.100	
JAN 31...	4.8	4.8	60	34	0.08	1650	--	0.010	<0.010	0.200	0.200	
MAR 28...	2.5	1.6	55	33	0.08	503	0.110	0.010	0.020	0.120	0.130	
MAY 23...	2.9	6.5	68	41	0.09	707	0.160	<0.010	0.010	0.180	0.170	
JUL 25...	3.1	7.7	58	38	0.08	359	0.140	<0.010	0.010	0.170	0.150	
SEP 24...	4.3	7.7	65	39	0.09	209	--	<0.010	<0.010	0.240	0.210	

EDISTO RIVER BASIN

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DATE	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)	PHOS- PHORUS ORTHO TOTAL (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)
NOV 29...	0.020	0.03	0.020	0.68	0.70	0.03	0.010	0.020	0.030	0.040	140
JAN 31...	0.050	0.06	0.030	0.27	0.30	0.06	0.020	0.030	0.030	0.040	250
MAR 28...	0.100	0.13	0.070	0.73	0.80	0.06	0.020	0.010	0.040	0.060	--
MAY 23...	0.060	0.08	0.030	2.0	2.0	0.09	0.030	0.030	0.060	0.070	120
JUL 25...	0.070	0.09	0.050	1.2	1.2	0.12	0.040	0.040	0.080	0.100	--
SEP 24...	0.060	0.08	0.040	0.66	0.70	0.15	0.050	0.040	0.080	0.120	130
DATE	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)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)
NOV 29...	<1	35	<0.5	<1.0	2	<3	2	330	2	6	38
JAN 31...	<1	27	<0.5	<1.0	<1	<3	2	320	1	3	83
MAR 28...	--	--	--	--	--	--	--	--	--	5	46
MAY 23...	<1	76	<0.5	<1.0	1	<3	4	1000	2	7	73
JUL 25...	--	--	--	--	--	--	--	--	--	7	43
SEP 24...	1	17	<0.5	<1.0	<1	<3	3	1100	4	7	22
DATE	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)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
NOV 29...	<4	29	87	<0.1	<10	1	<1	<1.0	24	<6	35
JAN 31...	<4	10	100	<0.1	<10	<1	<1	<1.0	18	<6	30
MAR 28...	--	--	100	--	--	--	--	--	--	--	--
MAY 23...	<4	28	82	<0.1	<10	3	<1	<1.0	23	<6	50
JUL 25...	--	--	84	--	--	--	--	--	--	--	--
SEP 24...	<4	41	100	<0.1	<10	2	<1	<1.0	20	<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.

COMBAHEE RIVER BASIN
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 poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	591	328	322	2180	443	1060	796	864	274	1070	534
2	40	484	328	356	1930	616	1200	1060	1400	251	1840	438
3	42	412	345	375	1650	1110	1060	1180	2170	201	2770	375
4	42	361	365	388	1460	1850	936	1000	1440	173	2910	331
5	43	327	371	396	1280	1980	852	868	1120	162	2120	304
6	42	304	367	399	1090	1820	897	781	855	169	1550	284
7	44	288	361	389	1040	1580	764	746	633	204	1140	267
8	46	275	367	425	1180	1350	737	650	462	244	867	277
9	47	275	371	430	1180	1190	929	573	356	244	776	262
10	105	388	368	418	1050	1010	908	516	298	232	933	231
11	384	513	358	444	964	847	789	482	244	197	724	217
12	976	597	352	578	950	719	657	460	215	157	622	207
13	1750	555	350	599	913	646	591	447	203	131	615	199
14	2130	615	351	559	831	622	582	445	265	117	689	189
15	2080	605	357	534	722	587	570	425	288	121	795	185
16	1870	563	358	552	620	564	552	391	260	138	908	285
17	1510	519	352	573	552	597	550	403	298	187	954	272
18	1190	468	341	541	506	611	586	474	297	199	931	255
19	913	419	337	557	489	608	524	451	274	227	834	286
20	678	381	344	884	481	567	540	432	277	287	686	269
21	516	356	372	1140	472	528	618	425	259	312	546	251
22	422	336	402	1030	462	497	556	414	226	348	443	242
23	633	325	422	969	458	473	469	376	196	366	370	234
24	845	318	420	951	454	451	421	354	168	311	360	220
25	963	312	422	1120	443	428	397	345	153	286	427	239
26	1160	304	413	1180	438	404	386	342	148	297	650	302
27	1550	296	395	1090	435	386	396	350	218	259	1440	342
28	1560	308	377	1080	440	372	455	359	253	221	1560	390
29	1260	324	356	1050	---	372	487	342	266	276	1110	420
30	986	329	339	1330	---	574	558	459	269	399	872	400
31	758	---	326	2120	---	848	---	610	---	552	678	---
TOTAL	24621	12148	11315	22779	24670	24650	20027	16956	14375	7542	32190	8707
MEAN	794	405	365	735	881	795	668	547	479	243	1038	290
MAX	2130	615	422	2120	2180	1980	1200	1180	2170	552	2910	534
MIN	36	275	326	322	435	372	386	342	148	117	360	185
CFSM	2.33	1.19	1.07	2.15	2.58	2.33	1.96	1.60	1.41	.71	3.05	.85
IN.	2.69	1.33	1.23	2.48	2.69	2.69	2.18	1.85	1.57	.82	3.51	.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1991, BY WATER YEAR (WY)

	MEAN	251	266	374	446	524	559	428	298	255	221	244	223
MAX	1038	731	794	780	1303	1224	918	766	866	877	1038	800	
(WY)	1960	1960	1972	1978	1960	1980	1960	1984	1973	1975	1991	1964	
MIN	68.2	130	200	188	196	214	157	92.0	66.1	47.0	48.6	44.1	
(WY)	1955	1959	1955	1956	1957	1955	1968	1955	1988	1990	1954	1954	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1951 - 1991

ANNUAL TOTAL	107514	219980	
ANNUAL MEAN	295	603	
HIGHEST ANNUAL MEAN			342
LOWEST ANNUAL MEAN			628
HIGHEST DAILY MEAN	2130	2910	186
LOWEST DAILY MEAN	18	36	186
ANNUAL SEVEN-DAY MINIMUM	19	41	2910
INSTANTANEOUS PEAK FLOW		3120	18
INSTANTANEOUS PEAK STAGE		5.39	19
INSTANTANEOUS LOW FLOW		33	3300
ANNUAL RUNOFF (CFSM)	.86	1.77	5.44
ANNUAL RUNOFF (INCHES)	11.73	24.00	17
10 PERCENT EXCEEDS	580	1180	1.00
50 PERCENT EXCEEDS	252	443	13.62
90 PERCENT EXCEEDS	42	221	96

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 and data collection platform. 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	134	166	153	1800	249	708	845	700	92	1060	653
2	.00	120	169	216	1230	474	565	771	1160	60	1850	528
3	.00	109	171	284	987	1260	428	696	1070	41	2630	412
4	.00	102	171	300	873	2220	340	537	868	40	1970	337
5	.00	98	163	270	800	1690	321	425	639	49	1140	280
6	.00	94	155	235	717	1150	535	412	441	63	759	232
7	.00	86	151	209	686	951	789	429	323	169	582	201
8	.00	79	163	200	774	843	850	404	239	202	433	328
9	.00	98	171	211	864	754	1170	334	176	148	358	589
10	1.6	416	182	264	841	661	979	266	134	157	312	386
11	53	741	182	299	749	574	835	221	111	95	288	272
12	370	758	175	383	644	509	691	191	91	53	330	209
13	579	640	166	466	560	524	540	181	75	35	465	170
14	508	482	154	463	506	710	453	179	78	26	416	146
15	373	368	145	421	463	736	426	165	150	23	416	128
16	262	296	141	412	420	650	478	144	230	44	447	146
17	176	248	138	402	388	553	600	128	253	252	401	191
18	135	213	135	374	364	493	825	131	179	452	318	144
19	118	194	138	391	350	467	753	213	141	496	243	119
20	101	179	145	769	344	434	666	238	138	434	265	122
21	92	170	166	921	345	397	555	190	112	291	385	115
22	92	164	229	902	330	358	463	185	91	190	332	99
23	328	156	260	798	321	330	384	172	66	150	243	82
24	628	150	258	727	315	308	330	166	46	109	213	71
25	631	144	221	894	309	282	284	152	35	83	771	81
26	528	139	188	970	300	255	257	130	35	61	2160	133
27	413	139	166	922	286	228	274	114	90	58	1690	191
28	316	151	150	849	263	209	462	103	152	95	1100	166
29	238	162	142	829	---	207	773	100	174	240	913	124
30	188	160	139	1130	---	478	907	145	138	992	791	98
31	156	---	188	1880	---	707	---	378	---	1180	687	---
TOTAL	6286.60	6990	5288	17544	16839	19661	17641	8745	8135	6380	23968	6753
MEAN	203	233	171	566	601	634	588	282	271	206	773	225
MAX	631	758	260	1880	1800	2220	1170	845	1160	1180	2630	653
MIN	.00	79	135	153	263	207	257	100	35	23	213	71
CFSM	1.00	1.15	.84	2.79	2.96	3.12	2.90	1.39	1.34	1.01	3.81	1.11
IN.	1.15	1.28	.97	3.21	3.09	3.60	3.23	1.60	1.49	1.17	4.39	1.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1991, BY WATER YEAR (WY)

	MEAN	88.2	79.0	148	259	359	396	259	130	126	117	121	119
MAX	832	467	520	602	1047	1044	1044	595	398	608	744	773	965
(WY)	1965	1986	1986	1964	1960	1980	1973	1954	1973	1975	1991	1969	1969
MIN	.000	67	16.1	20.7	29.1	32.9	21.7	4.29	5.83	.061	.032	.000	.000
(WY)	1955	1955	1955	1957	1957	1955	1985	1985	1985	1954	1954	1954	1954

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1951 - 1991

ANNUAL TOTAL	50337.80	144230.60	184
ANNUAL MEAN	138	395	395
HIGHEST ANNUAL MEAN			38.2
LOWEST ANNUAL MEAN			1991
HIGHEST DAILY MEAN	1320	2630	6590
LOWEST DAILY MEAN	.00	.00	.00
ANNUAL SEVEN-DAY MINIMUM	.00	.00	.00
INSTANTANEOUS PEAK FLOW		2800	8160
INSTANTANEOUS PEAK STAGE		6.03	* 8.39
INSTANTANEOUS LOW FLOW		.00	.00
ANNUAL RUNOFF (CFSM)	.68	1.95	.91
ANNUAL RUNOFF (INCHES)	9.22	26.43	12.31
10 PERCENT EXCEEDS	368	847	483
50 PERCENT EXCEEDS	86	266	79
90 PERCENT EXCEEDS	.00	91	3.4

* From floodmarks.

** No flow occurred on days in 1951, 1954, 1956 - 57, 1968 - 69, 1980 - 82, 1986, 1988, 1990 - 91.

SAVANNAH RIVER BASIN

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: May 16 - 22, Aug. 12 - 14. Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	204	360	273	912	760	609	1260	1060	1020	725	657	794
2	200	344	271	795	694	1170	1110	970	958	672	673	1010
3	195	332	421	752	659	1180	1020	920	916	771	1060	839
4	218	324	1150	776	630	1260	968	900	871	627	709	816
5	342	322	592	703	606	978	1260	972	804	574	601	754
6	232	362	483	663	630	881	1220	1260	746	535	570	667
7	208	322	438	662	649	870	1050	984	716	512	586	691
8	221	306	410	743	595	878	1010	918	690	496	626	629
9	254	347	380	693	570	890	1090	977	672	482	597	643
10	228	912	362	648	553	800	1030	1210	647	471	591	636
11	325	537	348	1750	535	757	939	1200	623	487	569	583
12	953	454	337	1620	522	723	898	1120	609	447	764	524
13	671	407	329	1150	539	898	1330	1170	607	428	778	506
14	435	380	360	973	956	826	1460	1120	632	411	715	511
15	354	361	361	896	724	750	1440	1090	680	395	745	484
16	310	349	346	1460	612	707	1310	1610	692	413	611	492
17	288	338	331	1150	616	689	1140	1450	721	485	548	544
18	983	326	349	985	828	1010	1050	1470	765	685	517	500
19	863	314	460	910	829	876	1730	1500	1160	757	500	705
20	550	310	413	938	1030	784	1640	1400	1020	756	496	537
21	457	303	496	842	988	741	1600	1290	842	686	454	491
22	681	296	527	777	847	709	1310	1200	865	650	435	469
23	1220	296	1590	736	802	697	1170	1110	708	536	423	456
24	763	289	2510	722	732	674	1090	1050	650	483	407	457
25	646	279	1240	693	690	643	1020	994	625	700	423	546
26	589	273	928	660	659	624	972	952	732	1260	1610	552
27	502	271	831	641	631	610	1030	1020	783	918	1250	455
28	460	292	898	627	610	676	1160	1240	720	778	877	431
29	423	337	825	606	---	2670	1130	1680	649	707	1010	415
30	397	290	837	780	---	2520	1200	1450	659	732	1120	407
31	379	---	1110	1010	---	1520	---	1100	---	707	906	---
TOTAL	14551	10633	20206	27273	19496	29620	35637	36387	22782	19286	21828	17544
MEAN	469	354	652	880	696	955	1188	1174	759	622	704	585
MAX	1220	912	2510	1750	1030	2670	1730	1680	1160	1260	1610	1010
MIN	195	271	271	606	522	609	898	900	607	395	407	407
CFSM	2.27	1.71	3.15	4.25	3.36	4.62	5.74	5.67	3.67	3.01	3.40	2.83
IN.	2.61	1.91	3.63	4.90	3.50	5.32	6.40	6.54	4.09	3.47	3.92	3.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1991, BY WATER YEAR (WY)

MEAN	433	492	647	756	865	941	905	741	606	525	481	430
MAX	1524	1509	1358	1747	1728	1829	1633	1725	1439	1542	1453	1118
(WY)	1965	1980	1962	1946	1990	1979	1964	1976	1976	1949	1940	1949
MIN	98.6	155	183	155	347	387	349	284	210	180	172	118
(WY)	1955	1955	1956	1956	1941	1988	1986	1941	1988	1986	1986	1954

SUMMARY STATISTICS FOR 1990 CALENDAR YEAR FOR 1991 WATER YEAR WATER YEARS 1940 - 1991

ANNUAL TOTAL	265233	275243	651
ANNUAL MEAN	727	754	1098
HIGHEST ANNUAL MEAN			1949
LOWEST ANNUAL MEAN			337
HIGHEST DAILY MEAN	5730	2670	14800
LOWEST DAILY MEAN	195	195	88
ANNUAL SEVEN-DAY MINIMUM	207	228	90
INSTANTANEOUS PEAK FLOW		5800	* 29000
INSTANTANEOUS PEAK STAGE		5.30	13.80
INSTANTANEOUS LOW FLOW		195	88
ANNUAL RUNOFF (CFSM)	3.51	3.64	3.14
ANNUAL RUNOFF (INCHES)	47.67	49.46	42.71
10 PERCENT EXCEEDS	1390	1200	1150
50 PERCENT EXCEEDS	527	692	527
90 PERCENT EXCEEDS	253	340	230

* From rating curve extended above 4,700 ft³/s on basis of slope-area measurements at gage heights 9.90 and 13.20 ft.

** Also occurred on Oct. 12, 13, 1954.

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. 2, 3, 6 - 17, 27 - 31, Nov. 1 - 7, 14, 15, Dec. 10 to Jan. 23, Feb. 20 - 27, Mar. 29, Mar. 31 to Apr. 11, Apr. 28 to May 1, 16 - 31, June 1 - 5, 14 - 30, July 1 - 23, 31, Aug. 1 - 6, 11 - 16, 21, Sept. 3, 4, 13 - 16, 21 - 29, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	4.6	2.7	5.0	6.0	7.1	5.6	7.0	8.0	6.6	4.8	9.6
2	4.0	4.3	3.0	4.5	6.0	9.4	5.4	6.2	7.6	7.8	4.7	9.6
3	3.0	4.2	6.8	4.3	6.0	12	5.3	5.9	7.4	9.8	5.3	9.0
4	3.1	4.0	5.3	4.2	5.8	11	5.2	5.8	7.1	7.5	6.4	8.6
5	5.2	5.4	4.7	4.1	5.8	9.0	6.2	7.0	7.0	6.3	8.1	8.2
6	3.2	4.0	4.4	4.0	6.1	8.5	5.8	7.0	6.8	5.7	11	8.6
7	2.8	3.8	4.2	3.9	6.0	8.1	5.6	6.2	6.7	5.5	7.6	8.0
8	2.7	3.5	4.0	3.8	5.9	8.8	5.4	6.5	6.5	5.4	4.2	7.8
9	2.7	7.6	3.8	3.7	5.6	8.2	5.2	7.3	6.3	5.2	4.3	7.5
10	2.7	14	7.5	5.0	5.4	7.9	5.0	7.9	6.0	5.0	4.1	7.4
11	4.0	12	4.5	13	5.4	7.5	6.0	7.4	6.0	4.8	3.7	7.2
12	19	5.3	4.0	5.5	5.4	7.2	6.6	6.3	6.0	4.5	11	6.9
13	10	3.8	3.8	5.0	6.6	8.3	10	4.8	6.0	4.3	10	6.2
14	5.5	3.9	3.6	4.5	7.1	7.2	8.8	4.5	5.7	4.8	9.5	5.9
15	4.6	4.0	3.5	6.0	6.5	7.1	11	4.5	6.3	5.5	9.2	6.0
16	3.7	4.1	3.5	7.0	6.4	7.1	8.6	5.0	7.2	6.1	9.1	6.4
17	6.0	2.6	3.4	5.5	6.6	7.3	7.9	5.7	8.7	7.0	8.8	7.9
18	14	2.5	3.4	4.5	7.3	10	7.6	8.6	12	9.2	9.2	6.7
19	13	4.2	4.3	7.0	7.4	8.8	11	12	18	12	8.8	6.5
20	7.1	4.2	3.9	7.8	8.1	7.6	9.5	9.3	13	11	9.4	6.1
21	3.8	2.5	3.6	7.5	6.0	7.1	8.8	8.8	11	9.1	8.1	5.7
22	8.9	3.9	3.5	6.5	5.6	7.1	8.6	8.4	8.6	8.0	8.1	5.5
23	15	8.9	17	6.0	5.4	6.8	8.4	7.8	7.6	8.3	7.8	5.7
24	7.3	8.9	11	5.8	5.3	6.4	8.1	7.1	7.0	7.6	7.6	6.0
25	9.5	6.2	5.6	5.7	5.2	6.4	7.8	6.5	6.6	12	9.7	6.8
26	8.6	3.8	5.2	5.7	5.1	6.3	7.7	6.7	6.2	6.6	40	6.1
27	6.7	2.8	5.0	5.6	5.0	6.0	8.6	9.0	5.7	5.0	17	5.5
28	6.4	2.8	4.6	5.4	6.1	6.7	8.0	12	5.4	5.3	12	5.4
29	5.2	2.7	4.3	5.5	---	22	8.0	9.6	5.0	4.8	12	5.3
30	5.1	2.6	5.0	7.3	---	13	8.0	8.0	5.9	4.8	11	5.6
31	4.8	---	6.0	6.5	---	5.8	---	7.0	---	5.2	10	---
TOTAL	204.0	147.1	155.1	175.8	169.1	261.7	223.7	225.8	227.3	210.7	292.5	207.7
MEAN	6.58	4.90	5.00	5.67	6.04	8.44	7.46	7.28	7.58	6.80	9.44	6.82
MAX	19	14	17	13	8.1	22	11	12	18	12	40	9.6
MIN	2.7	2.5	2.7	3.7	5.0	5.8	5.0	4.5	5.0	4.3	3.7	5.3
CFSM	3.05	2.27	2.32	2.63	2.80	3.91	3.45	3.37	3.51	3.15	4.37	3.21
IN.	3.51	2.53	2.67	3.03	2.91	4.51	3.85	3.89	3.91	3.63	5.04	3.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1991, BY WATER YEAR (WY)

	MEAN	11.2	7.66	6.60	8.68	12.4	13.9	9.02	7.77	9.08	10.7	8.15	8.48
MAX	22.8	13.5	11.5	15.6	25.4	20.9	11.2	11.9	21.8	26.2	13.9	16.9	
(WY)	1990	1990	1990	1990	1990	1990	1990	1990	1989	1989	1989	1989	
MIN	4.31	4.57	3.31	4.75	5.86	8.44	7.46	3.17	2.39	4.14	3.52	3.47	
(WY)	1989	1989	1989	1989	1989	1991	1991	1988	1988	1988	1988	1988	

SUMMARY STATISTICS FOR 1990 CALENDAR YEAR FOR 1991 WATER YEAR WATER YEARS 1988 - 1991

ANNUAL TOTAL	3744.8	2500.5	
ANNUAL MEAN	10.3	6.85	
HIGHEST ANNUAL MEAN			10.2
LOWEST ANNUAL MEAN			12.9
HIGHEST DAILY MEAN	70	40	135
LOWEST DAILY MEAN	1.9	2.5 *	1.4 **
ANNUAL SEVEN-DAY MINIMUM	2.9	2.9	1.7
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		2.00	2.33
ANNUAL RUNOFF (CFSM)	4.75	3.17	4.74
ANNUAL RUNOFF (INCHES)	64.49	43.06	64.36
10 PERCENT EXCEEDS	22	9.9	19
50 PERCENT EXCEEDS	7.4	6.3	6.8
90 PERCENT EXCEEDS	2.7	3.9	2.7

* Also occurred on Nov. 21.

** Also occurred on June 15, 16, 19, 1988.

SAVANNAH RIVER BASIN

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, Nov. 20 - 26, Jan. 10 - 12, July 15 - 18, Aug. 28 to Sept. 11, Sept. 24 - 30, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	95	76	167	165	136	220	218	242	204	189	156
2	69	93	76	148	152	209	200	196	218	201	189	154
3	67	92	102	141	147	241	187	181	207	199	229	150
4	71	92	166	142	141	267	177	176	205	183	176	150
5	78	89	116	133	134	211	199	209	199	179	160	150
6	69	87	106	127	138	193	185	344	188	175	156	150
7	67	86	99	129	144	192	172	234	177	172	154	150
8	67	84	96	157	136	196	171	205	172	169	178	210
9	67	111	91	151	130	197	181	222	172	170	193	170
10	71	192	87	145	126	180	184	281	175	171	182	166
11	83	125	85	475	123	165	166	287	168	169	179	164
12	279	111	83	415	119	159	161	442	158	166	323	162
13	156	105	80	247	128	207	285	545	161	162	250	152
14	119	110	91	211	224	190	280	326	151	160	264	147
15	102	107	90	202	167	173	242	277	234	155	276	142
16	92	105	87	312	148	162	218	245	222	150	217	139
17	85	103	85	245	144	156	201	242	226	145	195	143
18	133	99	87	217	191	223	189	240	352	200	183	164
19	119	97	107	204	171	196	287	223	653	243	186	161
20	101	95	97	204	203	179	283	216	395	273	164	145
21	96	93	115	180	196	168	232	222	370	215	153	137
22	230	91	115	167	178	162	209	211	401	198	151	132
23	380	93	197	153	175	158	196	206	285	177	149	131
24	195	90	349	148	161	151	187	200	251	163	148	140
25	165	87	187	147	154	145	175	196	228	165	155	170
26	147	85	151	140	147	142	169	192	245	180	334	140
27	127	83	149	138	141	141	195	259	252	175	256	130
28	117	85	167	134	137	148	211	507	240	165	180	130
29	108	88	153	131	---	483	232	655	216	167	170	125
30	104	80	161	176	---	421	274	380	212	164	160	125
31	99	---	198	206	---	267	---	291	---	162	158	---
TOTAL	3732	2953	3849	5892	4320	6218	6268	8628	7375	5577	6057	4485
MEAN	120	98.4	124	190	154	201	209	278	246	180	195	149
MAX	380	192	349	475	224	483	287	655	653	273	334	210
MIN	67	80	76	127	119	136	161	176	151	145	148	125
CFSM	1.67	1.37	1.72	2.64	2.14	2.79	2.90	3.87	3.41	2.50	2.71	2.08
IN.	1.93	1.53	1.99	3.04	2.23	3.21	3.24	4.46	3.81	2.88	3.13	2.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1991, BY WATER YEAR (WY)

	MEAN	121	150	192	221	215	242	224	203	174	128	132	116
MAX	302	412	368	399	371	477	416	463	577	350	344	286	
(WY)	1990	1980	1968	1978	1974	1980	1980	1973	1967	1989	1967	1977	
MIN	49.0	47.4	77.4	87.8	86.5	91.9	78.3	63.9	40.5	22.5	31.9	28.5	
(WY)	1982	1982	1989	1981	1989	1981	1986	1986	1988	1986	1986	1970	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1967 - 1991

ANNUAL TOTAL	63292		65354										
ANNUAL MEAN	173		179										
HIGHEST ANNUAL MEAN													1980
LOWEST ANNUAL MEAN													1986
HIGHEST DAILY MEAN	2350	Mar 17	655	May 29									
LOWEST DAILY MEAN	52	Sep 7	67	* Oct 3									
ANNUAL SEVEN-DAY MINIMUM	56	Sep 2	69	Oct 3									
INSTANTANEOUS PEAK FLOW			1980	May 28									
INSTANTANEOUS PEAK STAGE			4.46	May 28									
INSTANTANEOUS LOW FLOW			65	Oct 10									
ANNUAL RUNOFF (CFSM)	2.41		2.49										
ANNUAL RUNOFF (INCHES)	32.70		33.77										
10 PERCENT EXCEEDS	296		265										
50 PERCENT EXCEEDS	127		166										
90 PERCENT EXCEEDS	72		92										

* Also occurred on Oct. 7 - 9.

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, 799.71 ft, July 24, 1991; minimum gage height, 793.60 ft, Nov. 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 799.71 ft, July 24, minimum gage height, 793.60 ft, Nov. 23.

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 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	797.86	796.46	795.58	796.41	798.62	798.70	798.08	798.34	798.76	799.26	798.95	799.43
2	797.66	796.58	795.22	796.57	798.74	798.59	797.85	797.81	798.82	799.39	799.08	799.57
3	797.33	796.46	795.42	797.07	798.34	798.21	798.05	797.93	798.63	799.27	799.17	799.38
4	797.29	796.09	795.74	797.43	798.26	798.09	798.14	797.85	799.29	799.38	799.06	799.44
5	797.09	796.47	796.05	797.38	797.87	798.06	798.93	797.62	799.00	799.37	799.01	799.51
6	796.98	796.55	796.53	797.71	798.69	798.40	798.84	798.43	798.68	799.38	799.21	799.67
7	796.99	796.90	796.57	797.83	798.38	798.44	797.97	798.12	799.17	799.23	799.01	799.19
8	797.03	796.95	796.19	798.05	798.61	798.46	798.43	798.47	799.22	798.77	799.25	798.89
9	796.92	797.47	795.36	798.01	798.29	797.51	798.47	798.63	799.20	799.06	799.32	798.86
10	796.79	797.07	795.14	797.61	797.75	797.53	798.05	799.24	798.81	799.22	799.02	799.25
11	796.67	796.01	795.34	798.00	797.90	797.93	797.78	799.23	798.74	799.22	798.97	799.45
12	796.90	795.96	795.55	798.03	798.01	798.30	798.71	798.90	798.79	799.31	798.86	798.97
13	797.02	796.14	795.11	797.71	798.28	798.53	798.93	799.12	798.84	799.09	798.74	798.90
14	797.01	796.29	795.58	798.36	798.39	798.50	798.77	799.30	798.94	799.13	799.00	798.88
15	796.63	795.97	795.63	798.40	798.54	798.63	798.77	798.94	798.99	799.00	799.07	798.87
16	796.48	795.32	795.69	799.08	798.47	798.44	798.96	798.68	799.10	799.00	799.12	799.10
17	796.30	795.46	795.56	798.14	798.59	797.85	799.21	798.97	799.00	798.63	799.10	799.04
18	796.31	794.99	795.73	797.98	798.77	798.67	798.97	799.01	799.30	798.82	799.04	799.23
19	796.36	794.88	795.92	797.84	798.93	798.79	799.34	798.43	799.30	799.01	799.37	799.35
20	796.17	794.33	796.25	797.15	798.77	798.67	799.19	798.50	799.09	799.07	798.87	799.45
21	795.90	794.93	796.41	797.35	798.78	798.82	798.87	798.80	799.34	798.77	799.32	799.45
22	796.49	794.16	796.53	797.81	799.04	798.91	798.76	799.04	799.39	799.22	799.09	799.06
23	796.73	794.37	795.04	797.96	798.85	798.65	798.59	799.34	799.26	799.40	799.44	799.31
24	796.77	794.33	795.83	797.79	798.50	798.53	798.29	799.09	799.36	799.48	799.57	799.04
25	796.84	794.09	795.08	798.26	798.42	798.75	799.01	799.17	799.25	799.19	799.05	798.95
26	796.78	794.50	795.73	798.54	798.45	798.81	798.93	798.78	799.45	799.39	798.95	799.39
27	796.59	794.93	796.30	798.23	798.56	798.98	798.72	798.65	799.28	799.28	799.46	799.50
28	795.98	795.31	797.24	798.37	798.55	798.59	798.95	799.11	799.32	798.90	799.23	799.22
29	796.08	795.38	797.62	798.16	---	799.33	799.05	799.23	799.24	799.13	799.49	798.97
30	796.22	795.82	796.66	798.55	---	798.88	798.84	798.99	799.33	799.21	799.52	799.26
31	796.17	---	796.37	798.70	---	797.87	---	798.81	---	799.36	799.50	---
MAX	797.86	797.47	797.62	799.08	799.04	799.33	799.34	799.34	799.45	799.48	799.57	799.67
MIN	795.90	794.09	795.04	796.41	797.75	797.51	797.78	797.62	798.63	798.63	798.74	798.86
[+]	14.08	13.81	14.24	16.05	15.93	15.41	16.16	16.14	16.54	16.56	16.67	16.49
[*]	485	-104	161	676	-49.6	-194	289	-7.5	154	7.5	41.1	-69.4
CAL YR 1990	* -41.2 MAX 799.61 MIN 794.09											
WTR YR 1991	* 35.2 MAX 799.67 MIN 794.09											

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

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

SAVANNAH RIVER BASIN
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.--Records good except for estimated daily discharges, Oct. 22 - 25, Nov. 9, 10, 20 - 28, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79	107	90	167	169	139	213	252	183	133	221	188
2	79	104	89	146	150	233	190	205	226	127	277	171
3	77	101	95	137	143	258	175	181	398	125	263	160
4	77	101	125	142	136	287	166	174	230	130	180	155
5	88	100	103	129	133	219	196	246	210	133	150	149
6	81	103	95	123	135	195	208	557	179	193	153	146
7	77	100	93	125	149	199	177	281	168	132	202	152
8	77	97	93	133	185	214	174	218	160	121	225	186
9	77	160	89	135	144	239	235	204	156	119	401	159
10	77	225	89	125	134	198	198	216	149	113	293	143
11	91	139	87	599	128	180	173	212	145	113	387	139
12	644	119	87	512	122	172	164	194	142	111	559	136
13	644	111	87	266	127	217	207	322	144	107	359	131
14	232	107	100	203	273	204	243	224	160	99	416	139
15	160	103	102	177	195	179	236	282	370	97	476	132
16	134	103	95	243	156	167	218	862	369	94	415	127
17	118	102	93	199	146	160	191	609	214	113	263	125
18	130	97	93	171	192	215	178	301	184	177	217	198
19	136	97	115	158	173	199	192	374	175	155	365	236
20	114	95	105	183	226	176	211	251	177	122	231	169
21	109	94	123	164	235	165	222	225	234	113	192	142
22	410	94	119	149	198	161	191	206	195	107	174	133
23	600	93	119	139	189	158	174	194	167	102	162	128
24	400	93	259	139	171	153	166	186	156	109	153	129
25	200	91	175	143	161	145	155	176	150	333	158	163
26	150	91	141	133	156	143	153	172	169	153	384	179
27	136	93	134	129	146	141	202	175	175	125	329	144
28	127	99	155	127	141	146	256	184	159	325	222	131
29	120	110	143	124	---	360	222	257	144	186	638	123
30	114	95	148	158	---	535	376	379	137	205	295	123
31	110	---	192	227	---	268	---	221	---	230	217	---
TOTAL	5668	3224	3633	5705	4613	6425	6062	8540	5825	4502	8977	4536
MEAN	183	107	117	184	165	207	202	275	194	145	290	151
MAX	644	225	259	599	273	535	376	862	398	333	638	236
MIN	77	91	87	123	122	139	153	172	137	94	150	123
CFSM	1.72	1.01	1.11	1.74	1.55	1.96	1.91	2.60	1.83	1.37	2.73	1.43
IN.	1.99	1.13	1.27	2.00	1.62	2.25	2.13	3.00	2.04	1.58	3.15	1.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 1991, BY WATER YEAR (WY)

	MEAN	136	130	182	208	286	309	318	212	173	162	136	115
MAX	293	240	555	359	467	570	578	578	331	344	292	290	215
(WY)	1990	1958	1962	1964	1961	1963	1964	1958	1961	1989	1991	1960	1960
MIN	38.0	66.3	54.3	55.0	165	113	179	110	81.7	67.8	54.3	36.7	36.7
(WY)	1955	1956	1956	1956	1991	1955	1955	1957	1956	1957	1954	1954	1954

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1954 - 1991

ANNUAL TOTAL	71849	67710	
ANNUAL MEAN	197	186	197
HIGHEST ANNUAL MEAN			249
LOWEST ANNUAL MEAN			112
HIGHEST DAILY MEAN	3200	862	4200
LOWEST DAILY MEAN	66	77	32
ANNUAL SEVEN-DAY MINIMUM	69	79	34
INSTANTANEOUS PEAK FLOW		2240	5360
INSTANTANEOUS PEAK STAGE		7.98	12.23
INSTANTANEOUS LOW FLOW		75	30
ANNUAL RUNOFF (CFSM)	1.86	1.75	1.86
ANNUAL RUNOFF (INCHES)	25.21	23.76	25.27
10 PERCENT EXCEEDS	322	284	320
50 PERCENT EXCEEDS	145	160	145
90 PERCENT EXCEEDS	80	97	69

* Also occurred on Oct. 4, 7 - 10.

SAVANNAH RIVER BASIN

02186645 CONERROSS CREEK NEAR SENECA, SC

LOCATION.--Lat 34°38'57'', long 82°59'30'', Oconee County, Hydrologic Unit 03060101, on right bank 30 ft downstream of bridge on County Road 63, and 3.0 miles southwest of Seneca.

DRAINAGE AREA.--65.4 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, Jan. 11, Feb. 28 to Mar. 19, Mar. 29, Apr. 29 - 30, May 30, June 2 - 3, July 2 - 3, Aug. 12, 14, Sept. 8, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	63	58	97	113	84	120	210	127	96	140	87
2	46	62	57	87	98	145	108	150	258	129	109	82
3	43	60	67	86	93	160	101	126	230	249	93	80
4	46	59	88	85	88	175	97	124	139	121	77	79
5	47	61	71	79	84	140	125	167	127	107	71	76
6	44	62	65	76	88	120	114	332	105	96	68	89
7	42	60	63	78	88	130	101	170	98	88	78	91
8	43	57	62	85	82	135	120	136	93	85	74	260
9	43	83	60	83	78	150	280	144	91	83	74	105
10	44	127	59	78	75	125	138	170	88	80	105	85
11	52	82	58	414	73	115	113	143	87	78	102	79
12	345	72	57	285	72	105	110	198	93	75	700	76
13	142	67	57	154	83	135	162	174	104	71	376	73
14	83	65	61	119	181	125	154	144	91	67	500	71
15	69	62	58	106	110	110	131	200	100	65	332	68
16	61	62	58	156	92	105	115	159	95	66	167	67
17	57	61	60	119	89	100	108	166	116	113	125	66
18	85	59	61	104	112	115	102	137	142	194	108	69
19	77	59	79	99	97	130	301	166	180	132	99	75
20	64	58	73	117	191	100	245	147	113	101	99	76
21	59	58	93	99	153	96	148	163	108	96	88	67
22	207	58	81	91	122	94	124	137	211	83	83	64
23	333	59	94	87	117	91	111	128	217	76	80	64
24	146	58	190	90	104	88	104	123	144	71	76	66
25	111	56	114	92	98	85	99	114	116	71	80	99
26	96	56	93	86	92	84	96	112	151	70	435	84
27	82	56	94	82	88	84	123	118	153	76	212	71
28	76	60	101	80	85	93	167	146	135	70	131	67
29	71	71	91	79	---	339	341	119	116	69	123	64
30	68	60	90	153	---	282	602	409	104	112	103	64
31	65	---	110	157	---	150	---	174	---	94	94	---
TOTAL	2793	1933	2423	3603	2846	3990	4760	5106	3932	2984	5002	2464
MEAN	90.1	64.4	78.2	116	102	129	159	165	131	96.3	161	82.1
MAX	345	127	190	414	191	339	602	409	258	249	700	260
MIN	42	56	57	76	72	84	96	112	87	65	68	64
CFSM	1.38	.99	1.20	1.78	1.55	1.97	2.43	2.52	2.00	1.47	2.47	1.26
IN.	1.59	1.10	1.38	2.05	1.62	2.27	2.71	2.90	2.24	1.70	2.85	1.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1991, BY WATER YEAR (WY)

	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
MEAN	150	78.4	93.7	144	145	226	139	106	114	134	93.2	81.0
MAX	211	92.3	109	171	189	323	159	165	152	255	161	84.7
(WY)	1990	1990	1990	1990	1990	1990	1991	1991	1989	1989	1991	1990
MIN	90.1	64.4	78.2	116	102	129	119	61.3	58.3	52.1	55.4	76.3
(WY)	1991	1991	1991	1991	1991	1991	1990	1989	1990	1990	1990	1989

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1989 - 1991

ANNUAL TOTAL	41878	41836	122
ANNUAL MEAN	115	115	130
HIGHEST ANNUAL MEAN			115
LOWEST ANNUAL MEAN			1990
HIGHEST DAILY MEAN	2800	700	2800
LOWEST DAILY MEAN	34	42	34
ANNUAL SEVEN-DAY MINIMUM	35	44	35
INSTANTANEOUS PEAK STAGE		10.18	14.31
ANNUAL RUNOFF (CFSM)	1.75	1.75	1.87
ANNUAL RUNOFF (INCHES)	23.82	23.80	25.40
10 PERCENT EXCEEDS	189	174	192
50 PERCENT EXCEEDS	80	94	85
90 PERCENT EXCEEDS	43	60	47

* Also occurred on July 6, 8, 9, 1990.

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, 663.42 ft, May 6; minimum, 653.84 ft, Dec. 20, 21.

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 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	654.74	655.42	654.34	655.02	656.98	658.39	661.59	662.82	661.89	662.44	661.53	660.56
2	654.68	655.34	654.40	655.05	657.03	658.72	661.64	662.95	662.11	662.19	661.49	660.47
3	654.71	655.41	654.31	655.10	657.15	659.06	661.64	662.92	662.04	662.03	661.74	660.39
4	654.61	655.48	654.26	655.09	657.20	659.21	661.67	663.08	661.86	661.76	661.68	660.28
5	654.71	655.39	654.18	655.15	657.20	659.29	661.74	663.33	661.70	661.54	661.41	660.38
6	654.72	655.41	654.04	655.25	657.18	659.32	661.95	663.21	661.48	661.71	661.20	660.39
7	654.78	655.31	653.95	655.22	657.17	659.39	662.14	662.82	661.39	661.84	661.04	660.31
8	654.70	655.28	654.02	655.20	657.20	659.65	662.28	662.40	661.49	661.63	660.77	660.50
9	654.57	655.31	654.05	655.14	657.24	659.82	662.26	662.16	661.58	661.41	660.60	660.39
10	654.50	655.41	654.03	655.20	657.28	659.93	662.08	661.87	661.58	661.21	660.58	660.29
11	654.55	655.47	653.98	655.64	657.25	660.05	661.85	662.06	661.67	661.00	660.70	660.38
12	655.00	655.44	653.94	655.95	657.20	660.08	661.63	662.39	661.72	660.79	661.55	660.38
13	655.24	655.37	653.92	656.13	657.25	660.14	661.82	662.48	661.69	660.97	661.30	660.24
14	655.31	655.33	653.90	656.10	657.39	660.14	662.01	662.34	661.78	661.11	661.17	660.31
15	655.26	655.28	653.96	656.12	657.54	660.33	661.91	662.25	661.94	661.07	661.07	660.41
16	655.25	655.23	654.04	656.20	657.46	660.49	661.69	662.16	662.04	660.98	660.84	660.28
17	655.29	655.28	653.95	656.24	657.57	660.70	661.48	662.04	662.16	661.06	660.67	660.13
18	655.34	655.30	653.94	656.24	657.56	660.72	661.23	662.32	662.31	661.05	660.48	660.00
19	655.27	655.27	653.92	656.39	657.58	660.68	661.19	662.53	662.45	660.99	660.41	659.91
20	655.30	655.22	653.92	656.57	657.73	660.63	661.60	662.38	662.70	661.07	660.26	659.72
21	655.36	655.15	653.89	656.56	657.80	660.58	661.75	662.21	662.68	661.13	660.02	659.76
22	655.36	655.04	654.00	656.52	657.88	660.61	661.76	662.04	662.85	661.08	659.89	659.73
23	655.58	655.02	654.22	656.49	658.07	660.90	661.70	661.89	662.96	661.11	659.74	659.56
24	655.75	655.05	654.30	656.53	658.18	660.95	661.60	661.79	662.93	661.25	659.87	659.43
25	655.82	655.11	654.37	656.49	658.16	660.72	661.47	661.91	662.89	661.22	660.06	659.38
26	655.76	654.94	654.52	656.58	658.19	660.45	661.49	662.10	662.76	661.28	660.28	659.18
27	655.80	654.74	654.52	656.67	658.20	660.38	661.73	661.95	662.57	661.33	660.36	659.01
28	655.89	654.55	654.58	656.65	658.28	660.26	661.95	661.97	662.46	661.33	660.47	659.08
29	655.83	654.39	654.70	656.67	---	660.55	662.31	661.99	662.60	661.29	660.47	659.13
30	655.77	654.24	654.86	656.82	---	661.19	662.52	661.91	662.70	661.36	660.37	659.13
31	655.60	---	654.97	656.92	---	661.43	---	661.81	---	661.27	660.58	---
MAX	655.89	655.48	654.97	656.92	658.28	661.43	662.52	663.33	662.96	662.44	661.74	660.56
MIN	654.50	654.24	653.89	655.02	656.98	658.39	661.19	661.79	661.39	660.79	659.74	659.01
[+]	51.36	48.34	49.95	54.37	57.54	65.20	67.96	66.15	68.42	64.80	63.09	59.56
[*]	474	-1,165	601	1650	1310	2,860	1,065	-676	876	-1,352	-638	-1,362
CAL YR 1990		* -189		MAX 664.14	MIN 653.89							
WTR YR 1991		* 300		MAX 663.33	MIN 653.89							

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

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

SAVANNAH RIVER BASIN

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, 474.85 ft, Nov. 9, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 483.23 ft, Oct. 8; minimum, 474.85 ft, Nov. 9.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	483.18	475.16	478.53	481.82	475.09	477.13	475.12	475.09	475.09	480.37	475.12	475.61
2	480.94	475.15	476.45	481.80	475.08	476.40	475.10	475.09	475.09	481.96	475.12	475.88
3	483.13	475.15	476.39	475.10	475.08	475.09	482.03	475.09	476.85	481.99	475.12	475.88
4	483.14	475.15	476.39	475.10	475.08	475.09	482.01	475.10	476.83	480.29	475.12	476.24
5	478.31	475.15	475.97	481.81	475.09	476.45	481.99	475.10	476.80	475.13	475.12	475.12
6	475.15	475.15	475.15	481.87	475.08	476.46	482.00	475.10	476.85	475.13	475.12	475.13
7	475.15	475.15	475.15	481.83	475.09	476.71	482.05	475.10	476.65	481.96	475.12	476.48
8	483.23	475.15	477.16	481.83	475.09	476.83	475.14	475.11	475.11	482.01	475.13	477.73
9	483.16	475.15	476.54	481.85	474.85	476.43	475.13	475.12	475.12	481.97	475.16	476.71
10	483.15	475.15	476.56	475.11	475.08	475.08	481.98	475.11	476.30	481.97	475.15	476.12
11	483.16	475.15	476.54	475.09	475.08	475.08	481.98	475.10	476.10	480.36	475.16	475.87
12	482.81	475.15	476.22	480.33	475.08	476.13	481.98	475.10	476.08	475.23	475.18	475.20
13	475.15	475.15	475.15	480.29	475.09	476.16	481.97	475.10	476.11	475.26	475.22	475.23
14	475.15	475.15	475.15	480.12	475.09	476.22	481.96	475.10	476.07	481.99	475.19	476.55
15	483.15	475.15	477.58	480.38	475.09	476.17	475.11	475.10	475.11	482.01	475.19	476.58
16	483.20	475.15	476.99	480.31	475.09	476.16	475.11	475.10	475.10	480.25	475.27	476.38
17	483.16	475.15	476.48	475.17	475.09	475.09	481.96	475.11	476.33	480.43	475.30	476.47
18	483.15	475.14	476.95	475.10	475.09	475.09	481.94	475.11	476.31	480.42	475.25	476.41
19	483.13	475.11	476.47	480.28	475.09	475.97	481.96	475.11	476.34	475.61	475.36	475.49
20	475.15	475.14	475.14	481.89	475.09	476.19	481.95	475.11	476.33	475.71	475.48	475.59
21	475.15	475.14	475.14	481.88	475.09	476.16	481.98	475.11	476.30	482.05	475.33	476.60
22	481.70	475.14	478.70	481.87	475.09	476.18	475.12	475.11	475.11	482.03	475.35	476.63
23	478.46	475.10	475.70	481.89	475.09	476.19	475.14	475.11	475.11	482.07	475.33	476.55
24	478.47	475.10	475.43	475.10	475.09	475.09	481.97	475.11	476.60	482.05	475.33	476.58
25	481.65	475.10	476.53	475.10	475.09	475.09	480.41	475.12	476.05	482.02	475.31	476.53
26	481.62	475.10	476.57	481.95	475.09	477.24	480.36	475.12	476.04	475.54	475.42	475.50
27	475.15	475.13	475.13	482.02	475.09	477.27	480.33	475.12	476.31	475.61	475.52	475.54
28	475.14	475.13	475.13	482.03	475.09	477.26	480.36	475.12	476.04	482.02	475.34	476.49
29	481.79	475.09	476.47	482.04	475.09	477.27	475.12	475.12	475.12	482.04	475.29	476.39
30	481.81	475.09	476.51	482.02	475.09	477.27	477.12	475.12	475.14	482.09	475.33	476.44
31	481.85	475.10	477.03	---	---	---	480.39	475.12	475.60	482.06	475.37	476.57
MONTH	483.23	475.09	476.30	482.04	474.85	476.16	482.05	475.09	475.94	482.09	475.12	476.14

SAVANNAH RIVER BASIN

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.--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, Oct. 12, 13, 26 - 31, Nov. 1, 3 - 9, Jan. 15 - 24, June 14 - 17, and those below 1,000 ft³/s, which are poor. Flow completely regulated by Hartwell Lake (see sta. 02187250) on the Savannah River. Discharge is affected by backwater from Richard B. Russell Lake (see sta 02189004) when the lake elevation exceeds about 476 ft, therefore, the daily mean discharge is not shown for Feb. 7 - 11, Mar. 4 - 12, 29 - 31, Apr. 1 to June 6, July 2 to Sept. 30.

AVERAGE DISCHARGE.--5 years (water years 1985 - 89), 2,993 ft³/s, 19.45 in/yr.

REVISIONS.--Daily mean discharges for the periods Oct. 1 - 16, 1989 and Jan. 4 to May 30, 1990 should be revised to missing values.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11100	430	70	1360	4070	2790	---	---	---	10700	---	---
2	3820	3700	69	2370	681	301	---	---	---	---	---	---
3	3880	85	5380	2370	1760	570	---	---	---	---	---	---
4	3860	91	5350	3210	3770	---	---	---	---	---	---	---
5	2160	1090	4660	82	3780	---	---	---	---	---	---	---
6	120	2330	5380	293	3880	---	---	---	---	---	---	---
7	120	2740	4790	4040	---	---	---	---	5840	---	---	---
8	7310	3200	83	7920	---	---	---	---	744	---	---	---
9	4600	2880	85	4510	---	---	---	---	790	---	---	---
10	4460	67	3430	2930	---	---	---	---	2590	---	---	---
11	4460	66	2790	1960	---	---	---	---	720	---	---	---
12	4200	2860	2760	81	3750	---	---	---	1720	---	---	---
13	120	2840	2760	104	3660	4900	---	---	3880	---	---	---
14	112	2930	2740	3980	3630	3990	---	---	3500	---	---	---
15	8310	2870	73	2460	3440	3640	---	---	90	---	---	---
16	5540	2850	75	2200	4940	269	---	---	80	---	---	---
17	4210	74	3440	2060	389	282	---	---	2600	---	---	---
18	6000	70	3390	2330	4100	4390	---	---	1770	---	---	---
19	4230	2280	3390	1310	3320	4410	---	---	3000	---	---	---
20	112	2960	3390	546	3320	4480	---	---	2960	---	---	---
21	112	2950	3400	1200	3280	4460	---	---	4220	---	---	---
22	11000	2950	79	2600	3360	4470	---	---	91	---	---	---
23	1420	2940	81	2600	672	449	---	---	94	---	---	---
24	692	73	4300	2460	836	442	---	---	5520	---	---	---
25	3940	73	2610	3530	3290	10100	---	---	5480	---	---	---
26	2460	6710	2630	389	3090	9730	---	---	9670	---	---	---
27	120	6830	3280	441	3090	7360	---	---	9990	---	---	---
28	110	6830	2610	3310	2670	7510	---	---	10000	---	---	---
29	620	6800	79	3220	---	---	---	---	138	---	---	---
30	350	6960	79	3330	---	---	---	---	126	---	---	---
31	546	---	2620	3490	---	---	---	---	---	---	---	---
TOTAL	100094	79529	75873	72686	---	---	---	---	---	---	---	---
MEAN	3229	2651	2448	2345	---	---	---	---	---	---	---	---
MAX	11100	6960	5380	7920	---	---	---	---	---	---	---	---
MIN	110	66	69	81	---	---	---	---	---	---	---	---
CFSM	1.55	1.27	1.17	1.12	---	---	---	---	---	---	---	---
IN.	1.78	1.42	1.35	1.29	---	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1991, BY WATER YEAR (WY)

MEAN	---	2733	3772	---	---	---	---	---	---	---	---	---
MAX	---	5219	7267	---	---	---	---	---	---	---	---	---
(WY)	---	1990	1990	---	---	---	---	---	---	---	---	---
MIN	---	1865	2073	---	---	---	---	---	---	---	---	---
(WY)	---	1987	1989	---	---	---	---	---	---	---	---	---

SUMMARY STATISTICS

FOR 1991 WATER YEAR

WATER YEARS 1985 - 1991

LOWEST DAILY MEAN	Unknown	* 63	* Nov 18 1984
INSTANTANEOUS PEAK FLOW	Unknown	Unknown	Unknown
INSTANTANEOUS PEAK STAGE	12.76 Jul 25 1991	12.76	Jul 25 1991

* Also occurred on Mar. 16, 23, Dec. 14, 1986, Jan. 4, 1987, but may have been less during periods of backwater.

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.--Records good except for estimated daily discharges, Oct. 1 to Dec. 27, Mar. 29, 30, Apr. 29, 30, June 20 - 25, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	75	63	106	233	120	178	223	102	79	94	89
2	50	72	61	137	171	255	188	180	126	75	95	79
3	45	71	71	254	134	341	160	150	127	71	93	65
4	47	68	92	269	169	518	148	129	117	69	81	64
5	49	75	85	217	137	310	150	133	97	69	75	63
6	48	78	75	164	127	206	175	241	85	68	71	62
7	43	74	68	146	140	214	155	173	78	87	75	64
8	43	85	65	149	128	192	140	143	74	69	73	63
9	47	105	63	129	117	206	171	128	70	63	71	63
10	50	150	62	112	109	171	183	135	64	61	78	61
11	100	112	61	205	104	150	146	121	58	59	76	60
12	400	90	60	406	99	136	132	109	55	55	950	59
13	800	78	58	277	98	188	121	349	53	53	1400	58
14	400	74	66	185	174	184	115	160	58	53	425	58
15	215	68	66	148	153	91	116	116	112	51	545	57
16	110	66	67	222	123	82	118	103	103	54	208	56
17	80	65	68	208	113	82	112	103	63	80	179	55
18	90	63	70	166	112	93	108	100	360	122	116	57
19	87	62	81	147	117	95	107	150	263	117	105	61
20	80	62	83	170	159	83	127	308	750	88	97	65
21	75	61	95	173	220	78	118	115	298	75	90	59
22	170	62	90	158	172	76	107	112	163	71	86	55
23	330	63	105	148	256	75	100	112	95	67	83	54
24	430	61	300	148	258	74	88	106	91	64	79	53
25	260	58	250	165	187	71	86	99	89	79	81	78
26	148	59	200	149	157	69	85	92	102	90	229	108
27	110	60	150	139	136	69	153	91	119	91	186	81
28	95	63	119	135	123	88	352	92	92	169	121	86
29	92	73	87	131	---	310	320	95	87	158	106	60
30	87	65	91	212	---	1320	560	90	83	102	103	57
31	81	---	107	345	---	496	---	138	---	91	95	---
TOTAL	4714	2218	2979	5720	4226	6443	4819	4396	4034	2500	6166	1930
MEAN	152	73.9	96.1	185	151	208	161	142	134	80.6	199	64.3
MAX	800	150	300	406	258	1320	560	349	750	169	1400	108
MIN	43	58	58	106	98	69	85	90	53	51	71	53
CFSM	1.37	.67	1.87	1.66	1.36	1.87	1.45	1.28	1.21	.73	1.79	.58
IN.	1.58	.74	1.00	1.92	1.42	2.16	1.62	1.47	1.35	.84	2.07	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1991, BY WATER YEAR (WY)

	1989	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
MEAN	165	102	126	210	253	233	142	115	94.1	71.2	98.8
MAX	177	130	157	235	355	259	161	142	134	87.2	199
(WY)	1990	1990	1990	1990	1990	1990	1991	1991	1991	1989	1991
MIN	152	73.9	96.1	185	151	208	124	88.8	52.6	45.9	44.9
(WY)	1991	1991	1991	1991	1991	1991	1990	1990	1990	1990	1989

SUMMARY STATISTICS

	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1989 - 1991
ANNUAL TOTAL	47755	50145	140
ANNUAL MEAN	131	137	143
HIGHEST ANNUAL MEAN			137
LOWEST ANNUAL MEAN			137
HIGHEST DAILY MEAN	1350	1400	1400
LOWEST DAILY MEAN	26	43	26
ANNUAL SEVEN-DAY MINIMUM	28	46	28
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		11.53	15.55
ANNUAL RUNOFF (CFSM)	1.18	1.24	1.26
ANNUAL RUNOFF (INCHES)	16.00	16.81	17.14
10 PERCENT EXCEEDS	242	236	223
50 PERCENT EXCEEDS	80	98	87
90 PERCENT EXCEEDS	37	60	46

* Also occurred on Oct. 8.

** Also occurred on Aug. 19, 1990.

SAVANNAH RIVER BASIN

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.--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, 478.35 ft, May 6; minimum, 470.50 ft, Oct. 9.

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 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	471.26	471.13	474.23	474.65	475.72	475.23	477.01	477.85	476.15	475.49	476.07	475.48
2	471.09	470.85	474.25	474.62	475.77	475.44	477.09	477.88	476.25	476.12	476.07	475.66
3	470.97	470.88	474.46	474.57	475.89	475.81	477.16	477.89	476.16	476.25	475.89	475.84
4	470.79	470.90	474.63	474.48	475.90	476.01	477.15	477.99	476.04	476.52	475.66	475.80
5	470.65	470.99	474.70	474.50	475.90	476.07	477.21	478.21	476.12	476.66	475.72	475.81
6	470.66	471.06	474.81	474.54	475.97	476.21	477.26	478.02	476.21	476.71	475.81	476.02
7	470.67	471.16	474.95	474.27	476.02	476.39	477.30	477.68	475.88	476.73	475.69	476.02
8	470.63	471.20	474.95	474.45	476.03	476.37	477.21	477.32	475.90	476.82	475.53	476.10
9	470.60	471.34	474.95	474.57	476.05	476.58	477.18	477.06	475.92	476.89	475.79	476.12
10	470.68	471.39	474.89	474.63	476.09	476.57	477.13	476.71	475.86	476.89	475.85	476.11
11	470.72	471.41	474.79	474.97	476.01	476.29	477.01	476.81	475.74	476.87	475.94	476.11
12	471.09	471.45	474.70	475.12	475.87	476.02	476.91	477.08	475.60	476.87	476.41	475.94
13	471.17	471.44	474.61	475.18	475.84	475.93	476.98	477.25	475.31	476.88	476.69	475.92
14	471.21	471.42	474.57	475.23	475.88	475.67	477.02	477.20	475.12	476.97	476.87	475.92
15	471.46	471.42	474.55	475.33	475.66	475.38	477.02	477.23	475.16	477.04	477.01	475.93
16	471.41	471.42	474.60	475.49	475.49	475.35	477.09	477.31	475.19	478.03	477.10	475.90
17	471.41	471.42	474.58	475.48	475.53	475.41	476.93	477.35	475.04	478.04	477.04	475.81
18	471.54	471.43	474.60	475.46	475.59	475.46	476.88	477.42	474.79	477.99	476.85	475.80
19	471.74	471.41	474.55	475.61	475.52	475.47	476.96	477.47	474.83	477.84	476.63	475.80
20	471.76	471.56	474.57	475.66	475.54	475.47	477.01	477.60	474.60	477.91	476.42	475.88
21	471.78	471.85	474.54	475.62	475.49	475.48	477.04	477.51	474.44	477.92	476.14	475.88
22	472.51	472.15	474.55	475.58	475.58	475.49	477.15	477.36	474.42	477.64	476.00	476.06
23	472.30	472.43	474.65	475.53	475.76	475.52	477.28	477.13	474.47	477.25	475.85	476.09
24	471.70	472.44	474.67	475.55	475.82	475.41	477.19	476.88	474.71	476.91	475.87	476.16
25	471.64	472.45	474.66	475.51	475.70	475.43	477.20	476.72	474.80	476.70	475.99	476.35
26	471.51	472.75	474.65	475.54	475.55	475.51	477.22	476.50	474.88	476.50	476.03	476.45
27	471.55	473.10	474.63	475.58	475.43	475.58	477.38	476.44	475.01	476.56	475.96	476.50
28	471.58	473.53	474.60	475.49	475.27	475.83	477.50	476.64	475.11	476.45	475.97	476.49
29	471.37	473.87	474.64	475.43	---	476.55	477.69	476.51	475.04	476.36	476.13	476.50
30	471.16	474.20	474.69	475.71	---	476.81	477.80	476.61	474.90	476.27	476.08	476.45
31	471.12	---	474.72	475.73	---	476.95	---	476.05	---	476.15	475.88	---
MAX	472.51	474.20	474.95	475.73	476.09	476.95	477.80	478.21	476.25	478.04	477.10	476.50
MIN	470.60	470.85	474.23	474.27	475.27	475.23	476.88	476.05	474.42	475.49	475.53	475.48
[+]	40.33	43.74	44.36	45.56	45.02	47.01	48.05	45.94	44.58	46.06	45.74	46.42
[*]	-48	1,315	231	448	-223	743	401	-788	-525	553	-119	262
CAL YR 1990	* -17		MAX 478.19	MIN 470.06								
WTR YR 1991	* 189		MAX 478.21	MIN 470.60								

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

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

SAVANNAH RIVER BASIN

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.--No estimated daily discharges. Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	65	74	146	648	259	452	1370	170	107	105	111
2	23	61	72	127	343	1570	351	398	249	99	108	100
3	23	58	78	120	287	1640	306	283	234	97	103	93
4	22	58	256	117	255	1580	279	242	187	91	92	91
5	23	57	192	115	230	755	266	336	181	89	83	88
6	30	56	124	112	223	388	275	1320	157	92	77	85
7	27	57	106	119	293	348	257	525	139	88	77	82
8	24	57	108	369	266	357	237	299	131	82	74	80
9	24	82	108	300	225	312	423	252	129	78	86	78
10	23	353	96	227	211	286	497	284	127	78	145	76
11	27	220	92	554	198	257	331	242	124	73	115	73
12	141	124	88	1270	190	243	274	270	124	69	255	72
13	406	101	86	761	188	442	257	485	120	65	2570	71
14	202	87	90	351	272	455	251	311	123	62	1460	69
15	90	80	99	277	238	326	243	242	194	57	956	66
16	64	77	93	556	196	277	228	231	156	489	548	64
17	52	75	90	440	182	255	206	793	132	572	259	63
18	48	73	89	290	183	254	195	390	153	415	195	61
19	47	71	94	278	181	258	194	263	195	186	164	75
20	47	70	105	422	181	231	218	243	210	124	139	83
21	44	70	173	338	198	222	205	239	227	100	120	78
22	87	71	152	261	940	219	186	222	190	88	109	66
23	683	71	128	225	845	218	178	215	148	82	104	63
24	467	72	209	280	461	214	176	203	127	75	99	63
25	170	72	212	359	325	208	169	195	118	81	103	78
26	129	69	154	275	278	204	163	187	116	86	250	164
27	108	68	132	234	245	206	216	184	120	82	307	105
28	88	70	125	211	225	238	435	184	136	445	182	80
29	79	76	122	204	---	1010	588	194	129	353	142	73
30	72	81	120	1220	---	2310	1470	176	116	177	134	68
31	69	---	136	1670	---	1470	---	170	---	123	126	---
TOTAL	3362	2602	3803	12228	8507	17012	9526	10948	4662	4705	9287	2419
MEAN	108	86.7	123	394	304	549	318	353	155	152	300	80.6
MAX	683	353	256	1670	940	2310	1470	1370	249	572	2570	164
MIN	22	56	72	112	181	204	163	170	116	57	74	61
CFSM	.50	.40	.57	1.82	1.40	2.53	1.46	1.63	.72	.70	1.38	.37
IN.	.58	.45	.65	2.10	1.46	2.92	1.63	1.88	.80	.81	1.59	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1991, BY WATER YEAR (WY)

	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
MEAN	97.9	148	194	306	359	446	295	182	120	151	120	86.9
MAX	556	804	529	767	815	1235	899	471	413	736	1027	384
(WY)	1990	1949	1965	1943	1990	1952	1964	1949	1965	1941	1940	1959
MIN	4.49	27.3	40.3	55.8	85.1	79.8	112	62.8	27.7	8.40	2.22	5.71
(WY)	1955	1955	1956	1956	1989	1988	1988	1941	1988	1988	1988	1954

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1940 - 1991

ANNUAL TOTAL	72560	89061	
ANNUAL MEAN	199	244	
HIGHEST ANNUAL MEAN			208
LOWEST ANNUAL MEAN			456
HIGHEST DAILY MEAN	4750	Feb 19	51.7
LOWEST DAILY MEAN	13	Aug 20	1964
ANNUAL SEVEN-DAY MINIMUM	15	Aug 16	1988
INSTANTANEOUS PEAK FLOW			15200
INSTANTANEOUS PEAK STAGE			Aug 14 1940
INSTANTANEOUS LOW FLOW			1.0
ANNUAL RUNOFF (CFSM)	.92		1.1
ANNUAL RUNOFF (INCHES)	12.44		20800
10 PERCENT EXCEEDS	321		29.60
50 PERCENT EXCEEDS	93		.70
90 PERCENT EXCEEDS	24		.96
			13.00
			366
			105
			38

* From rating curve extended above 13,000 ft³/s.

** Also occurred on Oct. 5.

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, 332.64 ft, Apr. 1; minimum, 323.95 ft, Oct. 1.

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 1990 TO SEPTEMBER 1991
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	324.18	326.72	325.24	324.33	329.21	329.58	332.52	331.84	330.90	331.58	331.53	330.12
2	324.22	326.70	325.17	324.33	329.24	329.97	332.20	331.54	330.83	331.26	331.46	330.13
3	324.23	326.61	325.15	324.34	329.24	330.98	331.75	331.22	330.97	331.12	331.36	330.12
4	324.35	326.55	325.04	324.30	329.25	331.51	331.33	330.80	331.10	331.05	331.36	330.19
5	324.33	326.50	324.99	324.22	329.27	331.91	330.91	330.47	331.21	330.93	331.05	330.27
6	324.21	326.39	324.93	324.19	329.31	331.66	330.87	330.75	331.30	330.79	330.79	330.39
7	324.10	326.30	324.89	324.33	329.39	331.33	330.82	330.86	331.39	330.67	330.66	330.34
8	324.18	326.27	324.78	324.38	329.41	330.89	330.90	330.85	331.28	330.68	330.80	330.27
9	324.16	326.45	324.71	324.44	329.39	330.32	331.07	330.98	331.18	330.70	330.80	330.18
10	324.24	326.48	324.66	324.45	329.35	329.71	331.16	331.14	331.16	330.71	330.80	330.09
11	324.37	326.46	324.65	324.69	329.27	329.68	331.15	331.04	331.06	330.74	330.73	330.02
12	325.58	326.43	324.63	324.94	329.14	329.74	331.19	331.10	331.02	330.74	330.99	330.03
13	325.76	326.39	324.64	325.05	329.06	329.93	331.13	331.28	331.08	330.62	330.98	330.02
14	325.76	326.39	324.66	325.17	328.98	330.08	331.08	331.34	331.30	330.52	331.08	329.90
15	325.81	326.37	324.54	325.33	329.02	330.19	331.08	331.30	331.25	330.44	330.97	329.78
16	325.89	326.36	324.48	325.65	329.01	330.12	331.00	331.35	331.20	330.91	330.86	329.80
17	325.81	326.27	324.47	325.78	328.96	330.07	330.99	331.45	331.31	331.32	330.70	329.84
18	325.95	326.21	324.48	325.86	328.91	330.21	330.99	331.37	331.38	331.47	330.98	329.83
19	325.86	326.16	324.50	325.95	328.85	330.25	331.00	331.47	331.56	331.64	331.17	329.86
20	325.74	326.09	324.63	326.18	328.80	330.31	331.01	331.45	331.82	331.61	331.17	329.88
21	325.67	325.95	324.66	326.42	328.82	330.38	330.95	331.29	332.04	331.57	331.07	329.73
22	326.03	325.81	324.59	326.52	329.00	330.46	330.87	331.32	332.07	331.64	330.81	329.56
23	326.57	325.68	324.57	326.59	329.32	330.42	330.82	331.34	332.07	331.71	330.65	329.53
24	326.84	325.56	324.57	326.93	329.48	330.45	330.85	331.37	332.15	331.78	330.23	329.49
25	326.89	325.50	324.61	327.16	329.57	330.56	330.86	331.24	332.23	331.76	330.09	329.53
26	326.88	325.46	324.55	327.18	329.54	330.68	330.89	331.16	332.16	331.77	330.19	329.50
27	326.79	325.41	324.50	327.19	329.50	330.64	330.93	331.14	332.10	331.74	330.46	329.46
28	326.74	325.36	324.46	327.28	329.48	330.69	331.09	330.97	332.04	331.72	330.41	329.34
29	326.72	325.39	324.36	327.50	---	331.33	331.29	330.90	331.93	331.76	330.10	329.24
30	326.70	325.34	324.31	328.10	---	332.00	331.70	330.83	331.85	331.67	329.95	329.17
31	326.72	---	324.32	328.84	---	332.44	---	331.03	---	331.59	329.95	---
MAX	326.89	326.72	325.24	328.84	329.57	332.44	332.52	331.84	332.23	331.78	331.53	330.39
MIN	324.10	325.34	324.31	324.19	328.80	329.58	330.82	330.47	330.83	330.44	329.95	329.17
[+]	48.37	44.16	41.35	54.83	56.78	66.66	64.15	61.87	64.66	63.77	58.22	55.84
[*]	2,972	-1,624	-1,049	5033	806	3,689	-968	-851	1,076	-332	-2,072	-918
CAL YR 1990	* -335 MAX 333.49 MIN 323.92											
WTR YR 1991	* 489 MAX 332.52 MIN 324.10											

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

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

SAVANNAH RIVER BASIN

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, 14.39 ft, May 6; minimum, 2.18 ft, Apr. 21.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	10.52	5.02	7.16	7.71	5.13	6.09	8.36	4.22	5.71
2	---	---	---	11.25	4.85	7.14	6.81	5.02	5.81	10.37	4.92	6.54
3	---	---	---	8.26	6.21	7.01	11.86	4.21	6.68	11.11	5.28	6.80
4	---	---	---	6.96	4.65	5.90	12.76	4.92	7.60	10.64	4.91	7.14
5	---	---	---	12.20	4.16	6.88	12.95	5.98	7.91	7.52	5.71	6.43
6	8.19	5.01	6.36	11.33	4.14	6.47	11.89	5.23	7.53	7.23	5.21	6.07
7	8.12	5.26	6.24	10.49	4.43	6.65	12.31	4.68	7.56	11.89	4.98	6.95
8	11.03	4.48	6.60	11.34	4.09	6.39	7.95	6.01	6.83	12.73	5.00	7.57
9	9.18	4.26	6.30	11.85	4.53	7.07	8.27	6.03	6.64	9.70	5.07	6.54
10	7.47	4.06	5.56	8.62	6.36	7.13	11.89	4.79	7.07	9.63	4.12	5.60
11	9.48	3.80	5.77	8.61	5.96	7.05	12.42	4.15	6.02	9.16	4.34	6.08
12	12.33	6.26	10.04	11.93	4.11	6.08	12.52	3.61	6.33	8.42	6.48	7.33
13	10.20	7.11	7.98	12.09	4.88	6.59	11.94	5.17	7.02	8.54	5.70	6.82
14	7.53	5.82	7.01	10.86	5.14	6.64	10.65	5.79	7.23	10.50	4.54	6.01
15	11.72	3.67	5.96	10.22	4.56	6.19	7.70	6.17	6.82	8.86	4.42	5.94
16	10.94	4.02	5.91	10.46	4.75	6.12	6.94	5.72	6.34	9.82	5.29	6.84
17	12.24	3.93	6.71	8.42	6.20	7.04	11.26	5.15	6.80	10.58	6.37	7.46
18	10.84	4.82	6.56	8.09	5.68	6.44	10.79	3.90	6.16	10.14	5.52	6.84
19	10.78	4.56	6.29	10.74	4.74	6.42	10.25	3.97	6.19	7.60	5.69	6.55
20	8.31	5.32	6.54	10.38	3.61	5.88	12.71	4.91	6.92	8.54	5.11	6.04
21	7.82	5.21	6.07	10.84	4.49	6.12	12.19	4.42	7.01	10.45	5.95	7.01
22	10.42	4.35	6.85	9.83	5.64	6.92	8.14	6.17	6.91	9.72	5.31	6.34
23	12.11	5.67	7.74	10.95	5.53	6.89	6.98	5.84	6.46	9.34	5.10	6.33
24	12.70	6.38	8.21	7.79	6.23	6.92	11.47	4.49	6.54	7.71	4.89	5.96
25	11.71	4.95	7.31	7.95	5.59	6.50	10.65	4.37	6.42	9.97	5.43	7.06
26	10.23	4.25	6.53	11.24	5.52	6.98	11.02	3.77	6.05	8.26	5.29	6.38
27	7.75	6.44	7.06	11.36	4.58	6.57	11.92	4.36	7.17	7.41	4.83	5.96
28	7.15	5.74	6.52	9.33	4.41	6.13	11.25	5.80	7.59	9.25	4.08	5.68
29	11.61	5.38	7.51	9.02	5.55	6.71	8.46	5.64	6.66	8.71	4.00	5.71
30	10.63	5.07	7.42	12.56	5.79	7.38	7.09	4.96	5.87	9.51	4.34	6.23
31	10.19	5.13	7.21	---	---	---	8.52	4.72	5.71	10.43	6.17	7.46
MONTH	12.70	3.67	6.86	12.56	3.61	6.65	12.95	3.61	6.71	12.73	4.00	6.50

SAVANNAH RIVER BASIN
02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45'', long 82°10'55'', Edgefield County, Hydrologic Unit 03060107, on left bank, 15 ft upstream of bridge on State Highway 23, 1.4 mi east of Modoc, and 3.2 mi downstream from Turkey Creek.

DRAINAGE AREA.--545 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.--No estimated daily discharges. Records good above 3600 ft³/s, fair from 240 ft³/s to 3600 ft³/s, and poor below 240 ft³/s.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7	172	114	297	2700	298	950	1270	240	146	452	107
2	9.4	164	103	261	1000	4280	693	501	3800	119	1700	96
3	10	152	101	226	689	7650	577	305	1480	98	1680	84
4	7.2	136	112	213	566	12300	471	237	605	156	528	75
5	6.5	87	144	213	486	3810	404	370	290	256	309	68
6	5.1	90	130	207	444	1110	403	3120	208	135	224	64
7	5.9	82	113	201	636	863	391	955	171	122	509	62
8	8.1	80	121	223	654	793	351	434	148	134	341	60
9	11	165	153	238	455	668	333	301	131	102	280	57
10	11	3190	149	220	377	533	761	263	117	88	270	53
11	33	1400	127	794	331	440	636	234	107	81	195	51
12	17300	471	116	3290	293	416	387	317	100	74	1280	48
13	21800	289	110	1760	268	745	318	721	93	65	1190	46
14	4630	215	108	766	322	1630	286	530	150	58	797	44
15	437	178	121	499	458	744	284	288	2770	51	2030	43
16	303	170	155	2300	324	482	268	225	484	161	721	46
17	260	157	145	1670	255	394	239	1540	251	319	383	56
18	231	138	131	760	241	367	212	944	884	602	273	40
19	215	130	144	643	238	386	197	779	655	559	221	36
20	208	121	313	3300	232	351	434	578	486	300	178	34
21	177	117	1620	1870	227	299	359	697	908	196	146	31
22	256	113	676	850	223	277	261	466	653	132	123	29
23	8760	112	437	560	1170	261	209	336	377	103	110	28
24	5460	106	380	906	2030	247	183	269	556	88	95	28
25	1050	103	404	3320	872	228	167	220	377	75	91	27
26	511	99	303	1420	498	209	145	197	219	65	563	30
27	468	94	244	792	392	200	140	190	176	229	391	36
28	345	95	222	611	331	193	376	658	157	537	240	45
29	268	100	220	582	---	1560	746	318	166	1200	182	45
30	214	120	215	3040	---	9860	2100	208	154	4550	147	36
31	199	---	235	7050	---	4250	---	161	---	638	124	---
TOTAL	63204.9	8646	7666	39082	16712	55844	13281	17632	16913	11439	15773	1505
MEAN	2039	288	247	1261	597	1801	443	569	564	369	509	50.2
MAX	21800	3190	1620	7050	2700	12300	2100	3120	3800	4550	2030	107
MIN	5.1	80	101	201	223	193	140	161	93	51	91	27
CFSM	3.74	.53	.45	2.31	1.10	3.31	.81	1.04	1.03	.68	.93	.09
IN.	4.31	.59	.52	2.67	1.14	3.81	.91	1.20	1.15	.78	1.08	.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1991, BY WATER YEAR (WY)

	MEAN	214	218	384	731	838	1016	645	288	187	190	196	97.2
MAX	2039	1281	1703	2263	2623	2935	2514	1016	1576	1061	2311	486	
(WY)	1991	1949	1965	1960	1960	1944	1969	1964	1973	1989	1940	1959	
MIN	.000	1.29	15.1	24.9	157	171	102	35.9	16.0	17.7	17.6	1.05	
(WY)	1955	1955	1955	1956	1957	1985	1986	1941	1956	1990	1954	1954	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1930 - 1991
ANNUAL TOTAL	174146.7	267697.9	
ANNUAL MEAN	477	733	408
HIGHEST ANNUAL MEAN			959
LOWEST ANNUAL MEAN			119
HIGHEST DAILY MEAN	21800	21800	31700
LOWEST DAILY MEAN	3.7	5.1	.00
ANNUAL SEVEN-DAY MINIMUM	4.5	7.1	.00
INSTANTANEOUS PEAK FLOW		27800	35100
INSTANTANEOUS PEAK STAGE		37.50	41.08
ANNUAL RUNOFF (CFSM)	.88	1.35	.75
ANNUAL RUNOFF (INCHES)	11.89	18.27	10.16
10 PERCENT EXCEEDS	747	1440	815
50 PERCENT EXCEEDS	145	255	104
90 PERCENT EXCEEDS	7.9	61	16

* Also occurred on many days in Sept., Oct., Nov., 1954.

SAVANNAH RIVER BASIN
02196250 HORN CREEK NEAR COLLIERS, SC

LOCATION.--Lat 33°42'55'', long 81°56'23'', Edgefield County, Hydrologic Unit 03060107, on left bank, upstream side of bridge on County Road 76, 3.5 mi northeast of Ropers Crossroads and 5.1 mi south of Edgefield.

DRAINAGE AREA.--13.9 mi².

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 estimated daily discharges, Oct. 12 - 19, Nov. 3 - 7, 11 - 14, Feb. 2 - 13, Mar. 6 - 27, 31, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	20	9.6	12	39	16	30	22	13	7.3	29	6.9
2	4.2	19	8.8	13	29	80	23	21	22	6.8	85	7.9
3	3.9	18	8.9	11	20	451	20	21	13	6.6	31	6.7
4	4.1	17	10	11	18	170	18	20	9.4	6.6	20	6.3
5	5.0	17	9.0	11	17	91	17	34	8.6	6.4	17	6.2
6	4.4	16	8.7	10	16	40	17	23	8.1	6.4	16	6.1
7	4.3	16	8.8	10	16	25	16	18	7.5	6.4	16	6.0
8	4.1	18	11	11	15	22	16	18	7.0	6.4	14	6.0
9	2.7	47	9.3	10	15	21	18	19	6.8	5.8	14	5.9
10	6.8	55	8.7	10	15	20	23	24	6.5	5.4	14	5.8
11	21	23	8.5	56	14	20	20	17	6.3	5.0	13	5.8
12	485	17	8.3	42	14	19	18	16	6.2	4.6	15	5.6
13	65	14	8.0	20	15	21	17	15	6.0	4.2	16	5.6
14	27	13	8.1	16	17	22	16	14	8.9	3.9	25	5.5
15	22	12	8.1	22	14	20	16	12	15	4.1	26	5.4
16	20	11	7.9	64	13	19	15	12	8.9	7.0	16	5.8
17	18	11	7.7	22	13	18	15	38	7.8	16	12	5.9
18	17	10	7.7	17	13	17	14	16	10	29	10	5.8
19	15	9.7	8.9	36	13	17	13	43	8.5	33	14	5.6
20	13	9.2	36	67	12	16	15	24	32	15	12	5.4
21	12	9.0	27	27	12	16	14	21	21	9.7	9.3	5.4
22	85	9.0	19	19	16	15	13	18	16	8.2	8.5	5.5
23	188	9.0	17	16	26	15	12	16	9.9	7.2	8.0	5.3
24	50	9.0	18	72	18	14	12	14	8.7	6.5	7.7	5.3
25	33	9.0	15	52	16	14	11	13	8.3	5.6	12	6.5
26	30	8.9	14	26	15	14	11	12	7.8	61	11	6.7
27	23	8.7	12	20	14	25	22	11	7.7	28	8.9	5.8
28	21	18	12	22	13	44	21	11	8.5	42	8.0	5.5
29	21	16	12	23	---	101	69	10	8.0	31	7.7	5.3
30	20	11	12	184	---	60	44	9.5	7.7	20	7.5	5.2
31	20	---	14	104	---	40	---	10	---	20	7.1	---
TOTAL	1250.0	480.5	374.0	1036	468	1483	586	572.5	315.1	425.1	510.7	176.7
MEAN	40.3	16.0	12.1	33.4	16.7	47.8	19.5	18.5	10.5	13.7	16.5	5.89
MAX	485	55	36	184	39	451	69	43	32	61	85	7.9
MIN	2.7	8.7	7.7	10	12	14	11	9.5	6.0	3.9	7.1	5.2
CFSM	2.90	1.15	.87	2.40	1.20	3.44	1.41	1.33	.76	.99	1.19	.42
IN.	3.35	1.29	1.00	2.77	1.25	3.97	1.57	1.53	.84	1.14	1.37	.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1991, BY WATER YEAR (WY)

	MEAN	11.1	12.1	16.7	20.7	26.8	22.2	16.2	9.80	6.45	6.97	6.44	4.72
MAX	40.3	26.7	42.9	50.7	41.1	47.8	39.6	23.7	11.1	18.3	16.5	8.73	
(WY)	1991	1987	1987	1987	1984	1991	1983	1984	1989	1989	1991	1985	
MIN	3.24	4.60	5.36	4.77	14.5	7.89	7.12	3.58	2.90	1.84	2.16	1.41	
(WY)	1983	1982	1985	1985	1988	1985	1985	1981	1986	1986	1988	1981	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1981 - 1991
ANNUAL TOTAL	4983.5	7677.6	
ANNUAL MEAN	13.7	21.0	13.3
HIGHEST ANNUAL MEAN			21.0
LOWEST ANNUAL MEAN			7.17
HIGHEST DAILY MEAN	485	485	530
LOWEST DAILY MEAN	2.0	2.7	.77
ANNUAL SEVEN-DAY MINIMUM	2.1	4.1	.86
INSTANTANEOUS PEAK FLOW		* 2900	* 3680
INSTANTANEOUS PEAK STAGE		14.80	15.29
ANNUAL RUNOFF (CFSM)	.98	1.51	.96
ANNUAL RUNOFF (INCHES)	13.34	20.55	12.98
10 PERCENT EXCEEDS	22	33	23
50 PERCENT EXCEEDS	9.0	14	7.8
90 PERCENT EXCEEDS	3.0	5.9	3.1

* From rating curve extended above 760 ft³/s on basis of step-backwater computations.

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.

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

GAGE.--Data collection platform. Datum of gage is 114.40 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 75.49 ft, Aug. 16, 1991, but may have been higher during the period of no gage height record, Oct. 11 - 15, 1990; minimum, 67.36 ft, May 27, 1990, June 4, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 75.49 ft, Aug. 16, but may have been higher during the period of no gage height record, Oct. 11 - 15; minimum, 67.69 ft, Apr. 21.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.42	70.91	71.11	70.42	71.46	71.26	69.61	71.35	70.41	70.86	71.50	69.57
2	71.70	71.03	71.00	71.24	70.03	72.14	---	73.11	70.57	72.58	71.72	69.75
3	71.20	72.06	70.09	71.51	70.38	73.23	---	73.01	70.84	72.49	71.88	70.12
4	70.65	70.80	71.03	71.58	70.18	72.94	---	73.09	70.48	72.43	70.85	70.48
5	70.88	70.54	72.17	71.60	69.76	70.84	---	73.19	70.07	72.58	72.81	70.18
6	71.35	69.93	71.25	---	69.92	71.54	---	73.51	69.79	71.24	73.99	70.39
7	71.51	70.26	71.36	---	71.38	72.95	---	73.72	70.64	70.19	73.96	71.09
8	70.84	69.81	72.02	---	71.53	73.36	---	73.73	71.34	70.05	72.11	71.10
9	70.52	71.05	71.94	71.54	72.09	74.02	71.52	73.74	71.56	71.24	71.03	---
10	70.24	72.23	70.68	70.30	70.83	73.91	71.72	73.30	70.93	71.14	70.95	---
11	---	72.10	70.02	71.04	70.09	73.00	72.25	71.93	70.82	70.40	70.41	---
12	---	70.24	70.72	72.65	71.87	70.60	72.19	70.25	70.79	70.55	70.56	71.84
13	---	70.86	71.72	72.02	72.91	70.10	70.67	70.99	71.05	71.43	72.95	70.79
14	---	71.11	72.06	70.45	71.80	70.36	---	72.02	---	71.34	74.90	72.10
15	---	70.62	72.09	70.79	71.78	70.25	---	72.11	---	71.17	73.82	71.66
16	70.45	70.87	71.64	71.89	72.13	70.68	---	71.95	70.99	70.58	74.61	71.03
17	70.79	72.25	71.12	72.45	70.30	69.87	---	72.21	70.67	70.65	72.75	70.92
18	71.21	71.70	70.37	71.72	70.29	70.41	71.93	71.70	70.36	71.05	71.22	71.12
19	71.18	70.92	70.42	71.65	71.02	70.91	71.51	71.37	70.72	71.54	69.48	70.99
20	71.69	70.08	71.30	71.10	71.03	70.95	70.44	72.68	70.99	71.93	70.72	70.36
21	71.34	70.77	71.53	71.89	70.55	70.90	68.67	72.66	71.68	71.63	72.11	69.74
22	70.76	71.70	72.16	71.23	71.20	70.97	69.20	72.64	72.09	70.39	73.14	71.00
23	72.28	71.70	71.69	71.08	71.62	71.65	69.65	72.71	71.84	70.30	72.08	70.94
24	72.62	72.14	70.49	70.89	70.96	71.55	70.14	72.41	70.99	70.83	72.14	70.59
25	70.92	71.77	70.26	71.98	70.51	71.61	70.43	71.81	71.58	70.96	70.99	70.14
26	70.45	71.58	69.87	71.41	71.23	71.09	71.36	70.82	71.95	70.74	70.79	70.11
27	72.22	---	71.07	71.03	71.59	69.95	71.55	72.09	72.11	71.79	70.90	70.37
28	71.68	---	72.24	69.88	71.41	69.76	---	72.93	72.15	70.96	70.30	71.58
29	71.35	71.56	71.73	70.10	---	70.12	---	72.82	71.49	71.94	73.43	70.95
30	71.16	72.08	71.06	70.48	---	72.51	72.21	72.63	70.04	72.32	72.71	70.43
31	70.96	---	70.59	72.59	---	72.35	---	71.68	---	71.53	70.72	---
MEAN	71.21	71.17	71.19	71.30	71.07	71.48	70.89	72.39	71.03	71.25	71.98	70.72

SAVANNAH RIVER BASIN

021964831 SAVANNAH RIVER BELOW STEVENS CREEK DAM NEAR MORGANA, SC

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.

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. Prior to May 24, 1989, at site 200 ft upstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 49.61 ft, Oct. 12, 1990; minimum, 40.88 ft, June 26, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 49.61 ft, Oct. 12; minimum, 42.70 ft, Mar. 22.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.35	44.24	---	43.77	44.97	44.07	44.09	44.84	44.46	44.57	---	43.89
2	43.89	43.89	---	43.77	43.92	44.25	---	45.59	44.47	45.35	---	43.92
3	43.91	43.52	---	43.92	43.72	45.19	---	45.85	44.70	45.34	---	43.91
4	43.73	43.73	---	44.01	44.25	46.36	---	45.76	44.44	45.34	---	44.11
5	43.41	43.96	---	43.76	43.98	45.08	---	45.81	44.36	45.39	---	43.92
6	---	44.09	---	---	43.79	45.28	---	46.28	43.93	44.78	45.85	43.87
7	43.43	44.18	---	---	43.69	45.77	---	46.68	43.93	44.26	45.74	43.89
8	43.92	44.06	---	---	43.81	46.00	---	46.47	43.72	44.05	45.00	44.30
9	44.00	43.74	---	---	43.74	46.13	44.08	46.32	43.61	44.20	44.74	---
10	43.77	44.02	---	43.58	43.85	46.17	44.82	45.89	43.88	44.36	44.70	---
11	43.72	44.28	---	43.31	44.20	45.55	45.37	44.84	43.70	44.34	44.63	---
12	47.62	43.92	---	44.06	44.29	44.51	45.10	44.23	44.08	44.18	44.58	44.49
13	47.61	43.82	---	44.49	44.62	44.28	44.52	44.45	43.95	43.82	45.95	44.46
14	46.00	43.90	---	44.05	44.66	44.36	---	45.27	---	43.75	46.11	44.01
15	43.98	43.92	---	43.43	44.27	44.34	---	45.18	---	44.02	46.43	43.68
16	43.59	---	---	43.71	44.27	43.80	---	45.19	44.17	44.57	46.21	44.09
17	43.88	---	---	44.33	43.65	43.78	---	45.37	43.81	44.50	46.01	44.21
18	43.76	---	44.10	43.80	43.77	43.43	45.13	45.06	44.24	44.67	45.01	44.18
19	43.35	---	43.83	43.75	44.11	43.59	45.08	44.63	44.18	---	44.16	44.25
20	43.38	---	43.84	44.14	44.23	43.58	44.57	45.32	44.36	---	44.74	44.09
21	43.51	---	44.01	44.44	44.21	43.58	43.77	45.37	44.05	---	45.55	43.26
22	44.15	---	43.68	43.88	44.01	43.16	43.88	45.31	43.75	---	46.33	43.84
23	44.84	---	43.90	43.74	43.94	43.30	44.33	45.25	43.99	---	45.56	44.39
24	45.72	---	44.17	43.73	43.92	43.40	44.23	45.26	43.82	---	45.71	44.39
25	44.81	---	44.31	44.43	---	43.86	44.22	44.91	43.88	---	45.29	44.36
26	43.94	---	44.17	44.11	---	44.31	44.18	44.44	44.41	---	44.95	44.12
27	43.51	---	44.01	44.08	44.42	44.23	43.59	45.06	45.24	---	45.07	44.03
28	43.53	---	44.28	44.02	44.40	44.31	---	45.59	45.16	---	44.51	43.70
29	44.14	---	43.84	43.80	---	43.73	---	45.54	44.71	---	46.11	43.90
30	44.30	---	43.74	44.40	---	44.49	44.89	45.21	44.16	---	45.81	44.06
31	44.27	---	43.76	45.18	---	44.91	---	45.03	---	---	44.89	---
MEAN	44.23	43.95	43.97	43.99	44.10	44.48	44.46	45.35	44.18	44.53	45.37	44.05
MAX	47.62	44.28	44.31	45.18	44.97	46.36	45.37	46.68	45.24	45.39	46.43	44.49
MIN	43.35	43.52	43.68	43.31	43.65	43.16	43.59	44.23	43.61	43.75	44.16	43.26

SAVANNAH RIVER BASIN

02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC

LOCATION.--Lat 33°33'06'', long 82°02'19'', Edgefield County, SC-Columbia County, GA, Hydrologic Unit 03060106, at Augusta City Lock and Dam, 1.0 mi downstream from Stevens Creek Dam, and at mile 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.--Records fair except for estimated daily discharges, Nov. 22 - 30, Dec. 6 - 10, Apr. 16 - 19, May 2 - 3, 5 - 6, Aug. 8 - 9, and those below 5,000 ft³/s, which are poor. Flow regulated by Thurmond Lake (see sta 02194500) and by other powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2120	7760	3490	5130	13300	6140	6490	12200	8430	11100	9730	3260
2	5540	5520	4910	5690	5320	8050	14800	14000	9370	16800	11300	3370
3	5650	3470	7360	6760	4590	16300	20800	16500	9980	16400	11700	2870
4	4370	4900	8240	6480	7230	24200	22100	19200	7780	16000	10300	3600
5	2440	5900	8030	4380	5410	13700	22500	21000	7200	16400	17100	2220
6	3060	6550	6500	4280	4190	15000	11200	23000	4620	11400	18600	1930
7	3760	7440	5500	6160	3670	18900	3980	25800	4500	8020	17700	2220
8	4990	6340	4500	6100	4510	20800	2820	24200	3360	5140	14000	4500
9	5150	4680	6000	5710	4190	22600	7240	23500	3330	6020	11000	4740
10	4180	7040	8000	3610	5270	23100	11500	19500	4560	6720	8540	7470
11	4000	8870	6980	2400	6970	17800	15200	10800	3050	6400	7200	8700
12	36500	5750	2500	6790	7450	9250	13100	7600	5150	5310	6810	8450
13	33200	4960	3550	10000	10500	7620	8220	9660	4240	2830	17000	7110
14	20600	5450	4340	6260	11000	8270	3240	15100	5530	3590	18300	4740
15	5960	5600	3640	2400	8260	7750	8870	14400	7980	4310	20300	2990
16	3260	1770	4280	4340	8170	4900	12500	14400	7210	8250	18300	5310
17	4830	3670	6770	8220	4430	5080	12000	15600	4370	7390	17300	6090
18	4260	4530	5520	4570	4200	2250	11000	12700	7260	8350	9560	5840
19	2070	5980	4270	4730	6400	3190	10500	10300	6400	8180	4590	6570
20	2120	6160	6190	7760	7300	3090	10200	15500	7500	3800	8160	5670
21	3630	4220	5520	8990	7120	2980	4810	15500	5270	4840	13800	1390
22	6900	5000	5000	4800	6090	1220	5160	15000	3870	5460	19000	4730
23	12000	5600	6310	3910	5660	2210	7680	14400	5590	4410	13500	7460
24	17900	4800	8580	4140	5690	2860	6650	14400	3630	5700	14600	7490
25	11400	4500	9060	8750	7320	4840	6640	11500	4220	6640	11700	7300
26	5600	6000	7490	7040	8360	7800	6250	8560	8730	4850	9380	5880
27	3210	6500	7730	7050	8320	7170	2690	13600	14300	3190	9950	4840
28	3730	4500	7130	5880	8330	7680	2820	17300	13600	4840	6500	3140
29	6740	5000	6060	4190	---	4450	6200	16700	10100	9700	18000	4870
30	8050	5400	5150	9070	---	9660	12600	13600	6980	13400	15500	5040
31	7910	---	6190	15100	---	13200	---	12500	---	11400	8150	---
TOTAL	245130	163860	184790	190690	189250	302060	289760	478020	198110	246840	397570	149790
MEAN	7907	5462	5961	6151	6759	9744	9659	15420	6604	7963	12820	4993
MAX	36500	8870	9060	15100	13300	24200	22500	25800	14300	16800	20300	8700
MIN	2070	1770	2500	2400	3670	1220	2690	7600	3050	2830	4590	1390
CFSM	1.11	.76	.83	.86	.95	1.36	1.35	2.16	.92	1.11	1.79	.70
IN.	1.28	.85	.96	.99	.98	1.57	1.51	2.49	1.03	1.28	2.07	.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1991, BY WATER YEAR (WY)

	MEAN	7374	3802	8070	5676	9529	11260	5789	9136	3731	5419	6990	4955
MAX	11440	5462	15710	8438	19940	22590	9659	15420	6604	7963	12820	5249	
(WY)	1990	1991	1990	1990	1990	1990	1991	1991	1991	1991	1991	1989	
MIN	2772	1827	2535	2438	1886	1440	2652	1990	1847	3983	2689	4624	
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1990	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1989 - 1991
ANNUAL TOTAL	3099460	3035870	
ANNUAL MEAN	8492	8317	6813
HIGHEST ANNUAL MEAN			9510
LOWEST ANNUAL MEAN			2612
HIGHEST DAILY MEAN	36500	Oct 12	36500
LOWEST DAILY MEAN	298	Jun 23	65
ANNUAL SEVEN-DAY MINIMUM	1640	Jun 11	103
INSTANTANEOUS PEAK FLOW			54200
INSTANTANEOUS PEAK STAGE			12.57
ANNUAL RUNOFF (CFSM)	1.19		.95
ANNUAL RUNOFF (INCHES)	16.13		12.95
10 PERCENT EXCEEDS	21800	16300	16400
50 PERCENT EXCEEDS	5680	6720	4780
90 PERCENT EXCEEDS	2140	3430	1250

SAVANNAH RIVER BASIN

02196500 AUGUSTA CANAL AT 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.--Records fair except for estimated daily discharges, Nov. 1 - 5, 10 - 24, 26 - 30, Dec. 2 - 8, Feb. 25 to Mar. 8, which are poor. 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 data collection platform (sta 02196485) is used in conjunction with this station for computation of discharge.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2160	1500	1500	1210	2140	2000	2080	2070	2070	1370	2330	1830
2	1910	1200	1300	1260	2220	2200	2070	2120	1660	1170	2370	1710
3	1850	1100	2100	1240	1920	2300	2000	2180	2170	1180	2200	2000
4	2080	1300	2200	1320	2160	2200	2060	2080	2280	1410	1680	2230
5	2200	1500	2400	1310	2180	2200	1890	1970	2180	1270	2120	2430
6	1780	1930	2300	1280	2230	2300	1890	2020	2180	1250	2330	2440
7	1370	1750	2100	1730	2140	2100	1960	2070	2220	1250	2320	2490
8	2330	1960	1700	1950	2130	2000	1970	2270	2160	2060	2300	2300
9	2560	1810	1320	1970	2000	2300	2040	1970	1790	2280	2210	2490
10	2360	2200	1890	1840	1760	2000	2050	2270	2160	2460	2100	2460
11	2260	2000	2050	1790	2100	2100	2070	2250	2300	2500	2150	2410
12	1730	1700	1990	1910	2210	2300	2220	1910	2370	2500	2230	2500
13	2000	1600	1910	1500	2150	2070	2050	2230	2480	2540	2360	2760
14	1830	1800	1780	2070	2140	1980	1830	2190	2290	1970	2230	2550
15	2260	1500	1720	2040	2120	2090	1990	2190	1810	2590	2290	2460
16	2100	1200	1370	1930	2130	1710	2080	2150	1640	2260	2470	2510
17	2110	1400	1760	2100	1640	1500	1880	2080	2180	2310	2300	2390
18	2050	1600	1910	2120	2120	2040	1830	2100	1990	2190	2100	2460
19	2080	1800	1890	1860	2130	2040	1830	1920	2140	2430	2160	2230
20	2060	1300	1880	1430	2080	2030	1680	2020	2240	2440	2240	2090
21	1470	1200	1800	1990	2070	2080	1590	2110	2220	1740	2440	2180
22	1890	1500	1370	2180	1970	2110	1740	2080	2100	2350	2480	1940
23	1990	1700	1150	2150	1880	1740	1900	2280	1640	2420	2560	2090
24	2000	1400	1160	2060	1730	1590	2160	2180	2310	2410	2520	2140
25	1910	1200	1120	2100	2100	1960	2130	2090	2370	2620	2170	2140
26	1960	1600	1090	1830	2300	1910	2160	1950	2460	2610	2350	2150
27	1890	1900	1240	1510	2200	2040	2120	1990	2400	2380	2290	2290
28	1580	1300	1260	2070	2400	2030	1890	2140	2450	1980	2470	2410
29	1980	1500	1100	2240	---	1870	2110	2210	2340	2400	2390	1940
30	1800	1700	1180	1900	---	1940	2120	2260	2040	2490	2480	2490
31	1730	---	1080	2040	---	1490	---	2160	---	2490	2440	---
TOTAL	61280	47150	50620	55930	58350	62220	59390	65510	64640	65320	71080	68510
MEAN	1977	1572	1633	1804	2084	2007	1980	2113	2155	2107	2293	2284
MAX	2560	2200	2400	2240	2400	2300	2220	2280	2480	2620	2560	2760
MIN	1370	1100	1080	1210	1640	1490	1590	1910	1640	1170	1680	1710

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1991, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	2430	2221	2022	2139	2219	2175	2201	2301	2368	2235	2544	2498
MAX	2777	2702	2314	2357	2390	2299	2316	2485	2496	2301	2729	2608
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1990
MIN	1977	1572	1633	1804	2084	2007	1980	2113	2155	2107	2293	2284
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1989 - 1991
ANNUAL TOTAL	803500	730000	
ANNUAL MEAN	2201	2000	2279
HIGHEST ANNUAL MEAN			2481
LOWEST ANNUAL MEAN			2000
HIGHEST DAILY MEAN	3110	Sep 21	3160
LOWEST DAILY MEAN	1080	Dec 31	1060
ANNUAL SEVEN-DAY MINIMUM	1150	Dec 25	1150
10 PERCENT EXCEEDS	2700		2760
50 PERCENT EXCEEDS	2260		2330
90 PERCENT EXCEEDS	1500		1780

SAVANNAH RIVER BASIN
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 current year.

GAGE.--Water-stage recorder. Elevation of gage is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, Nov. 11, Feb. 2, 3, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	25	28	34	50	28	40	45	26	60	65	34
2	13	25	28	37	40	51	37	37	83	57	99	49
3	12	24	29	35	37	146	35	33	54	56	63	35
4	14	25	32	34	37	151	34	32	46	52	47	31
5	15	25	29	32	36	69	36	36	31	37	40	27
6	14	26	28	26	33	45	41	75	27	26	40	26
7	13	24	28	32	36	39	36	42	30	25	43	26
8	14	25	32	30	35	36	34	34	29	48	48	26
9	14	35	32	30	32	34	35	44	29	31	38	24
10	30	66	29	29	31	33	41	66	27	24	35	23
11	76	36	32	41	33	32	37	40	30	22	35	24
12	305	31	29	50	31	31	35	34	35	20	45	23
13	130	29	28	35	30	37	34	37	37	19	43	22
14	49	28	28	33	32	35	34	33	70	16	46	22
15	35	29	29	33	30	31	35	30	56	16	56	22
16	30	28	28	51	29	30	36	28	47	34	43	21
17	27	28	29	37	30	30	32	38	48	55	37	23
18	28	28	28	33	30	32	31	36	46	96	34	27
19	31	28	30	37	29	30	32	73	47	56	41	25
20	26	28	40	53	30	29	40	96	59	44	43	23
21	23	27	46	40	35	29	36	47	58	35	32	22
22	32	27	35	36	30	29	32	39	52	31	29	21
23	100	28	33	34	40	29	31	37	54	28	28	21
24	47	27	32	46	35	22	30	34	53	24	28	21
25	35	27	30	53	31	14	29	32	53	21	32	25
26	34	27	29	38	30	23	28	31	53	36	35	32
27	31	27	28	35	29	25	33	29	60	82	34	26
28	29	33	29	34	28	31	43	29	65	55	31	23
29	27	34	31	35	---	58	43	28	65	70	29	22
30	26	29	35	79	---	99	92	27	63	57	29	21
31	25	---	36	96	---	47	---	26	---	45	34	---
TOTAL	1298	879	960	1248	929	1355	1112	1248	1433	1278	1282	767
MEAN	41.9	29.3	31.0	40.3	33.2	43.7	37.1	40.3	47.8	41.2	41.4	25.6
MAX	305	66	46	96	50	151	92	96	83	96	99	49
MIN	12	24	28	26	28	14	28	26	26	16	28	21
CFSM	1.57	1.10	1.16	1.51	1.25	1.64	1.39	1.51	1.80	1.55	1.55	.96
IN.	1.82	1.23	1.34	1.75	1.30	1.89	1.56	1.75	2.00	1.79	1.79	1.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1991, BY WATER YEAR (WY)

	33.9	30.3	34.0	38.8	32.3	37.3	30.6	34.4	33.2	30.4	30.8	18.7
MEAN	33.9	30.3	34.0	38.8	32.3	37.3	30.6	34.4	33.2	30.4	30.8	18.7
MAX	41.9	31.4	37.0	40.3	33.2	43.7	37.1	40.3	47.8	41.2	41.4	25.6
(WY)	1991	1990	1990	1991	1991	1991	1991	1991	1991	1991	1991	1991
MIN	26.0	29.3	31.0	37.4	31.4	30.9	24.1	28.5	18.7	19.6	20.2	11.8
(WY)	1990	1991	1991	1990	1990	1990	1990	1990	1990	1990	1990	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1990 - 1991

ANNUAL TOTAL	9886.8	13789	
ANNUAL MEAN	27.1	37.8	
HIGHEST ANNUAL MEAN			32.1
LOWEST ANNUAL MEAN			37.8
HIGHEST DAILY MEAN	305	Oct 12	26.4
LOWEST DAILY MEAN	7.0	Jul 7	305
ANNUAL SEVEN-DAY MINIMUM	9.3	Jul 3	7.0
INSTANTANEOUS PEAK FLOW			9.3
INSTANTANEOUS PEAK STAGE			593
ANNUAL RUNOFF (CFSM)	1.02		6.48
ANNUAL RUNOFF (INCHES)	13.83		1.42
10 PERCENT EXCEEDS	37		19.28
50 PERCENT EXCEEDS	27		56
90 PERCENT EXCEEDS	12		32
			24
			14

SAVANNAH RIVER BASIN

02196999 SAVANNAH RIVER AT NEW SAVANNAH BLUFF LOCK AND DAM AT AUGUSTA, GA

LOCATION.--Lat 33°22'23'', long 81°56'32'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.3 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.5.

DRAINAGE AREA.--7,508 mi², including that of Butler Creek.

PERIOD OF RECORD.--October 1989 to current year. Records prior to October 1989 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Gage height affected by regulation from Thurmond Lake (see sta 02194500).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.41 ft, Oct. 13, 1990; minimum 7.62 ft, Aug. 19, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.41 ft, Oct. 13; minimum 7.62 ft, Aug. 19.

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	15.28	13.68	---	---	13.53	14.41	14.45	14.67	15.08	13.65	15.79	15.49
2	14.49	13.75	---	---	13.78	13.25	13.90	---	15.88	13.97	15.68	15.59
3	13.70	13.79	---	---	14.32	13.72	13.74	---	15.56	15.35	15.62	15.41
4	12.73	13.74	---	---	14.32	14.07	14.15	13.95	---	15.50	15.34	15.29
5	13.02	13.67	---	---	14.00	13.85	13.76	15.46	---	15.53	15.47	15.67
6	14.14	13.13	---	---	13.68	14.05	14.28	15.44	15.26	15.63	---	15.56
7	13.74	13.76	---	---	13.82	13.92	14.61	15.56	15.00	15.36	---	15.43
8	13.39	13.62	---	---	13.77	13.88	14.15	15.05	14.81	14.97	---	15.18
9	12.49	13.45	---	---	13.92	13.73	13.27	14.66	16.06	15.43	15.54	15.43
10	12.82	13.86	---	13.26	---	13.62	14.39	14.53	15.79	15.53	15.37	14.94
11	11.89	13.84	---	13.32	13.86	13.67	14.42	14.57	15.20	15.35	14.96	14.90
12	11.88	13.66	---	14.25	13.72	14.17	14.11	15.80	15.28	15.27	14.89	14.86
13	11.83	---	---	15.12	14.22	14.07	14.16	15.53	14.46	15.32	15.36	14.84
14	12.75	14.57	---	14.89	---	13.89	15.34	14.85	15.63	14.83	15.21	15.13
15	12.92	---	---	13.32	13.31	13.72	14.41	14.72	15.85	15.11	15.33	15.48
16	12.82	---	---	14.80	13.81	13.55	13.52	13.92	15.15	15.28	15.29	15.10
17	12.33	---	---	13.37	13.76	12.93	14.96	13.93	14.60	15.49	15.14	14.44
18	12.67	---	---	13.33	12.82	15.14	14.57	13.99	14.71	15.45	15.36	13.73
19	12.56	---	---	13.52	14.65	16.07	14.46	13.79	15.57	15.04	15.38	13.73
20	12.26	---	---	14.73	16.09	15.78	14.66	13.64	15.50	15.24	15.46	14.01
21	12.57	---	---	14.66	16.16	15.86	15.18	13.33	15.52	15.81	15.56	15.81
22	12.82	---	---	13.84	15.15	16.01	14.29	14.26	15.26	15.72	15.62	15.64
23	12.20	---	---	13.42	14.62	16.07	13.57	13.86	14.78	15.66	15.42	15.10
24	12.72	---	---	13.26	15.25	16.07	14.43	13.95	13.57	15.61	15.55	13.97
25	12.88	---	---	13.27	---	16.16	14.79	14.38	14.16	15.41	15.57	13.53
26	13.81	---	---	13.36	16.43	15.97	15.09	15.19	15.35	15.44	15.63	14.93
27	13.76	---	---	13.80	16.98	13.44	---	14.09	15.07	15.56	15.37	15.77
28	13.70	---	---	13.07	16.47	13.81	13.16	13.94	15.01	15.25	15.63	16.30
29	13.66	---	---	13.69	---	13.99	11.95	15.15	15.30	14.64	15.79	15.41
30	12.84	---	---	13.91	---	13.83	12.77	14.83	14.41	15.08	15.64	14.45
31	13.63	---	---	13.46	---	14.38	---	14.66	---	15.48	15.48	---
MEAN	13.04	13.73	---	13.80	14.50	14.42	14.16	14.54	15.14	15.26	15.44	15.04
MAX	15.28	14.57	---	15.12	16.98	16.16	15.34	15.80	16.06	15.81	15.79	16.30
MIN	11.83	13.13	---	13.07	12.82	12.93	11.95	13.33	13.57	13.65	14.89	13.53

WTR YR 1990 MEAN 14.51 MAX 16.98 MIN 11.83

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.37	15.41	15.51	15.30	15.25	14.99	14.52	14.38	---	---	13.08	15.37
2	13.11	15.42	15.40	15.45	15.44	15.10	14.37	14.08	---	14.50	12.53	15.34
3	15.20	15.27	15.85	15.62	15.54	14.79	14.41	13.87	---	13.80	13.52	15.32
4	15.28	15.61	15.88	15.62	15.40	15.13	14.80	13.80	14.61	13.84	14.16	15.82
5	14.96	15.42	15.44	15.63	15.07	14.11	15.08	13.81	14.62	13.90	14.24	16.01
6	14.15	15.37	15.72	15.53	14.96	14.36	15.05	14.08	14.41	14.89	13.73	15.71
7	13.51	15.32	15.67	15.60	15.10	14.29	14.87	15.03	15.20	15.38	13.19	15.54
8	13.70	15.51	15.22	15.37	15.04	14.03	15.10	14.50	15.06	---	12.99	16.02
9	15.33	15.38	15.01	15.54	15.67	14.18	15.11	14.19	15.19	---	13.80	15.58
10	15.22	15.63	15.42	15.31	15.71	13.72	14.66	13.37	15.11	14.73	14.76	15.54
11	15.26	15.67	15.25	15.15	15.62	14.04	14.78	15.28	14.81	14.45	14.90	15.31
12	16.73	15.32	14.97	15.46	15.22	13.94	14.37	15.27	14.98	---	14.61	15.14
13	18.61	15.32	15.27	15.57	15.27	12.78	15.24	14.72	14.80	---	14.78	15.88
14	15.57	15.44	---	14.73	14.83	14.02	14.96	14.78	15.13	---	14.16	15.49
15	13.98	15.27	---	14.82	15.21	14.27	15.20	14.15	15.68	---	14.29	15.30
16	---	15.07	---	14.81	15.51	14.67	14.69	13.98	15.44	---	15.01	15.52
17	15.17	14.75	---	14.88	15.00	14.74	14.51	14.31	---	---	15.79	15.22
18	15.06	15.10	---	15.06	15.33	14.42	14.43	14.95	14.85	14.54	12.24	14.90
19	14.92	15.45	15.40	15.46	15.42	14.66	15.02	14.79	14.60	14.86	8.29	14.70
20	15.03	14.87	15.43	15.60	15.26	14.52	15.53	15.03	14.89	14.95	8.65	15.32
21	15.28	14.82	15.39	15.55	14.85	14.30	15.23	14.47	14.74	15.35	11.13	15.39
22	15.61	15.28	15.57	15.22	15.12	14.56	15.44	14.38	15.28	15.10	15.44	14.91
23	14.88	15.45	15.57	15.05	15.50	14.17	15.04	14.25	15.35	14.03	13.88	15.72
24	14.86	15.49	15.36	14.88	15.42	14.31	14.96	14.23	15.30	14.47	15.30	13.15
25	14.52	15.46	15.39	15.48	---	14.68	14.77	14.89	15.30	14.75	15.26	14.45
26	14.94	15.72	15.41	15.51	---	14.73	14.74	14.88	15.70	14.66	14.64	13.97
27	15.18	15.46	15.33	15.46	---	14.63	15.52	14.61	14.18	15.44	15.13	14.85
28	15.31	15.07	15.30	15.43	14.92	14.78	15.42	14.15	14.22	16.01	15.03	15.29
29	15.58	15.55	15.36	14.90	---	---	15.41	14.35	---	15.30	15.52	15.33
30	15.12	15.79	15.37	14.92	---	---	14.36	13.93	---	14.18	15.28	15.23
31	14.97	---	15.27	15.06	---	---	---	---	---	13.47	15.71	---
MEAN	15.01	15.36	15.41	15.29	15.27	14.39	14.92	14.42	14.98	14.66	13.90	15.24
MAX	18.61	15.79	15.88	15.63	15.71	15.13	15.53	15.28	15.70	16.01	15.79	16.02
MIN	13.11	14.75	14.97	14.73	14.83	12.78	14.36	13.37	14.18	13.47	8.29	13.15
CAL YR 1990	MEAN 14.86		MAX 18.61		MIN 11.95							
WTR YR 1991	MEAN 14.90		MAX 18.61		MIN 8.29							

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA

LOCATION.--Lat 33°22'25'', long 81°56'35'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.2 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.4.

DRAINAGE AREA.--7,508 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 fair except for estimated daily discharges, Dec. 14 - 18, Mar. 29 - 31, Apr. 13 to May 5, May 31 to June 3, June 29 to July 1, July 8, 9, 12 - 17, which are poor. Flow regulated by Thurmond Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4670	8570	5280	5510	14300	8790	10700	13000	14600	14700	13900	6260
2	4650	8270	4810	5870	10900	9720	12500	14000	15700	14600	14500	5090
3	5600	5320	6740	6520	8720	14900	19900	15000	13300	16000	15100	4920
4	5590	5580	8330	6830	9610	26300	22500	16000	11000	15700	13000	5310
5	5060	7090	8620	5720	9190	22100	23100	17000	8950	16100	15000	5590
6	4310	7770	8760	4910	8570	16900	18400	22800	7260	14000	19900	5310
7	4310	8180	8470	6310	7590	20600	9160	27600	6930	9330	19400	4650
8	4790	7580	5830	7350	8560	21600	6680	26400	6190	9390	17200	6510
9	5940	6990	4660	7420	7410	24000	7990	25600	5160	8030	13700	6400
10	6640	7120	7650	5840	8110	24600	12000	22900	6060	9460	10900	8890
11	6550	9230	8630	4940	8730	22900	16200	17500	5530	9570	9690	9950
12	28700	8200	5560	6690	9710	14700	16200	11300	7490	8430	9880	9900
13	49200	6570	4890	10200	10500	11700	14000	10300	6740	8240	13700	10500
14	29600	6690	5050	9330	11900	10700	10000	16000	8120	9260	20200	7370
15	17000	7460	5400	5380	10400	10600	8000	16600	7960	10700	21400	6300
16	10200	5250	5000	6050	10000	7770	10000	16000	9660	12000	21000	6980
17	8300	4650	4800	9090	8460	7360	12000	16200	6390	11500	19100	7890
18	8430	5000	7070	7540	7410	5890	11500	16000	9140	11400	17000	7670
19	5700	5830	6360	5860	8420	5870	11000	12900	8410	12300	8290	7960
20	4610	6990	6950	7870	9350	6360	10000	15400	8950	9750	9240	7620
21	4900	4930	7380	10400	9400	6160	8400	17600	8670	7880	13900	4910
22	7600	5210	5520	7780	8640	5230	7800	17200	5890	8470	18400	4870
23	11500	5790	6320	6680	8400	4530	9000	16500	7190	9130	16600	8050
24	19400	4980	7800	6730	8130	4670	8800	16500	6440	7890	14700	9200
25	16700	4710	8400	8650	9490	5840	8600	14900	6160	9830	14400	8250
26	10600	5590	7420	9650	10200	9160	8000	11700	7870	9160	12100	8130
27	6000	7180	6960	7310	10200	9190	7600	12400	15400	6200	11900	6540
28	5410	4880	7720	7980	10100	9380	7000	17000	15400	7270	8700	5440
29	7380	5090	6510	7020	---	7910	9000	18000	14300	9930	15500	6410
30	9760	6300	5660	9650	---	11600	11000	17100	15200	15600	17100	6610
31	8900	---	5920	13000	---	14500	---	14400	---	16200	13600	---
TOTAL	328000	193000	204470	230080	262400	381530	347030	521800	276660	338020	459000	209480
MEAN	10580	6433	6596	7422	9371	12310	11570	16830	9222	10900	14810	6983
MAX	49200	9230	8760	13000	14300	26300	23100	27600	15700	16200	21400	10500
MIN	4310	4650	4660	4910	7410	4530	6680	10300	5160	6200	8290	4650
CFSM	1.41	.86	.88	.99	1.25	1.64	1.54	2.24	1.23	1.45	1.97	.93
IN.	1.63	.96	1.01	1.14	1.30	1.89	1.72	2.59	1.37	1.67	2.27	1.04

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1884 - 1991, BY WATER YEAR (WY)

MEAN	7120	6929	9193	12320	14310	15570	13530	9094	8221	7726	8257	7552
MAX	42170	21250	27390	40950	39560	52440	58700	27050	22830	19480	35030	47850
(WY)	1930	1949	1933	1936	1903	1929	1936	1964	1973	1906	1887	1888
MIN	2079	2614	3751	4084	4812	5637	5172	3427	3258	3001	1706	1453
(WY)	1905	1932	1953	1953	1938	1988	1988	1927	1925	1925	1925	1925

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR		FOR 1991 WATER YEAR		WATER YEARS 1884 - 1991	
ANNUAL TOTAL	3878790		3751470			
ANNUAL MEAN	10630		10280		9993	
HIGHEST ANNUAL MEAN					16580	
LOWEST ANNUAL MEAN					5344	
HIGHEST DAILY MEAN	49200	Oct 13	49200	Oct 13	315000	Oct 3 1929
LOWEST DAILY MEAN	4310	* Oct 6	4310	Oct 6	1040	Oct 2 1927
ANNUAL SEVEN-DAY MINIMUM	4880	Oct 1	4880	Oct 1	1170	Aug 23 1925
INSTANTANEOUS PEAK FLOW			59200	Oct 13	350000	Oct 3 1929
INSTANTANEOUS PEAK STAGE			22.80	Oct 13	** 46.30	Sep 27 1929
INSTANTANEOUS LOW FLOW			4180	Oct 6	*** 648	Sep 24 1939
ANNUAL RUNOFF (CFSM)	1.42		1.37		1.33	
ANNUAL RUNOFF (INCHES)	19.22		18.59		18.08	
10 PERCENT EXCEEDS	24200		17000		18600	
50 PERCENT EXCEEDS	7640		8630		6880	
90 PERCENT EXCEEDS	5040		5310		3850	

* Also occurred on Oct. 7.

** At site and datum then is use.

*** From rating curve extended below 1,400 ft³/s.

SAVANNAH RIVER BASIN
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 current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1973 to September 1986, November 1989 to current year.

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, 25.5°C, Aug. 22, Sept. 3, 7; minimum, 8.0°C, Jan. 26, 27, Feb. 16, 17.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SAVANNAH RIVER BASIN

02197000 SAVANNAH RIVER AT AUGUSTA, GA--Continued

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

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

SAVANNAH RIVER BASIN

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	94	87	85	114	86	101	118	122	84	157	108
2	64	92	87	90	102	133	96	99	112	83	300	113
3	64	92	87	86	97	168	93	92	101	126	190	104
4	65	92	90	88	94	181	91	90	94	119	145	102
5	69	91	87	84	92	126	95	97	91	228	126	101
6	67	90	86	83	91	111	107	116	88	132	119	100
7	67	90	86	83	116	105	96	101	86	111	111	103
8	69	90	101	93	109	100	93	97	85	106	113	107
9	69	97	92	86	103	98	93	96	85	96	111	100
10	113	144	88	83	96	95	92	110	84	93	109	98
11	292	106	86	100	93	94	89	96	84	92	137	98
12	447	96	85	119	91	93	91	93	84	91	141	97
13	276	93	85	97	90	112	90	113	84	93	147	97
14	132	92	85	90	90	113	90	123	95	89	145	107
15	109	91	85	87	88	99	90	101	113	91	164	113
16	99	90	84	105	87	95	93	122	95	103	135	106
17	94	91	84	98	86	94	88	119	89	155	121	111
18	93	90	84	89	87	95	87	102	94	144	113	125
19	92	90	86	95	87	92	94	110	96	138	111	109
20	87	90	92	125	87	91	97	104	88	122	126	201
21	86	90	99	100	87	90	91	102	86	116	113	122
22	117	89	91	92	87	89	88	99	85	114	109	110
23	485	89	89	88	102	91	87	96	83	105	106	106
24	171	89	88	105	95	88	87	94	82	99	108	104
25	129	87	85	126	90	86	85	93	82	103	130	137
26	120	87	84	99	88	87	86	95	82	98	137	160
27	108	87	83	94	87	86	105	106	105	98	119	119
28	102	89	83	93	86	86	137	113	94	100	112	112
29	99	92	83	92	---	104	106	97	88	132	114	108
30	96	88	83	148	---	178	152	103	85	120	108	102
31	95	---	86	160	---	113	---	144	---	113	106	---
TOTAL	4042	2788	2701	3063	2622	3279	2890	3241	2742	3494	4083	3380
MEAN	130	92.9	87.1	98.8	93.6	106	96.3	105	91.4	113	132	113
MAX	485	144	101	160	116	181	152	144	122	228	300	201
MIN	64	87	83	83	86	86	85	90	82	83	106	97
CFSM	1.32	.94	.88	1.00	.95	1.07	.98	1.06	.93	1.14	1.33	1.14
IN.	1.52	1.05	1.02	1.15	.99	1.24	1.09	1.22	1.03	1.32	1.54	1.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1991, BY WATER YEAR (WY)

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	95.8	102	107	111	110	114	108	101	99.1	99.0	101	96.6														
MAX	130	122	139	145	152	157	156	136	167	123	132	124														
(WY)	1991	1977	1977	1978	1973	1980	1973	1973	1973	1975	1991	1973														
MIN	69.0	70.8	81.6	85.6	79.9	76.4	73.2	70.9	65.8	64.7	65.1	65.0														
(WY)	1983	1983	1983	1984	1990	1990	1990	1990	1990	1983	1982	1990														

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1966 - 1991

ANNUAL TOTAL	29741		38325																							
ANNUAL MEAN	81.5		105																							
HIGHEST ANNUAL MEAN																										
LOWEST ANNUAL MEAN																										
HIGHEST DAILY MEAN	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23	485	Oct 23
LOWEST DAILY MEAN	59	Jul 2	64	Oct 2	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1
ANNUAL SEVEN-DAY MINIMUM	59	Jul 2	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1	66	Oct 1
INSTANTANEOUS PEAK FLOW			820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23	820	Oct 23
INSTANTANEOUS PEAK STAGE			8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23	8.80	Oct 23
INSTANTANEOUS LOW FLOW			63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3	63	*Oct 3
ANNUAL RUNOFF (CFSM)	.83		1.06																							
ANNUAL RUNOFF (INCHES)	11.21		14.44																							
10 PERCENT EXCEEDS	94		131																							
50 PERCENT EXCEEDS	75		95																							
90 PERCENT EXCEEDS	63		85																							

* Also occurred on Oct. 4.

** Also occurred on Aug. 19, 22, 23, 1983.

SAVANNAH RIVER BASIN

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 1990 TO SEPTEMBER 1991

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 FECAL, KF AGAR (COLS. PER 100 ML)	ALKA-LINITY LAB (MG/L AS CACO3)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	HARD-NESS TOTAL (MG/L AS CACO3)	PH (STAND-ARD UNITS)
NOV 06...	1330	90	751	16.5	--	--	2.6	8.2	85	3	5.5
DEC 20...	0940	87	776	15.0	420	290	2.5	--	--	3	5.9
MAR 27...	0940	85	770	15.0	--	--	3.2	--	--	3	5.9
JUN 18...	1003	95	760	22.0	--	--	3.0	6.7	77	3	5.9
SEP 05...	0900	101	761	20.0	--	--	2.9	8.5	94	3	5.9

DATE	SPE-CIFIC CON-DUCT-ANCE (US/CM)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	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)
NOV 06...	15	15	11	0.56	0.33	0.30	1.6	53	0.4	1	2.2
DEC 20...	22	15	2.4	0.52	0.31	0.40	1.3	48	0.4	--	2.3
MAR 27...	22	20	1.6	0.52	0.33	0.30	1.3	48	0.3	--	1.8
JUN 18...	18	17	10	0.57	0.28	0.50	1.6	52	0.4	--	2.1
SEP 05...	15	16	2.5	0.56	0.35	0.20	1.3	48	0.3	1	2.1

DATE	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)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
NOV 06...	<0.10	<1.0	7.1	18	--	--	--	--	<0.010	<0.010	0.200
DEC 20...	<0.10	<1.0	7.0	18	--	--	--	--	<0.010	<0.010	0.200
MAR 27...	<0.10	<1.0	5.9	12	--	--	--	0.180	<0.010	0.010	0.170
JUN 18...	<0.10	0.60	6.5	18	15	0.02	4.62	0.190	0.010	0.010	0.220
SEP 05...	<0.10	0.60	7.0	7	14	0.01	1.91	--	<0.010	<0.010	0.220

SAVANNAH RIVER BASIN

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DATE	NITRO- GEN, NO2+NO3 TOTAL (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)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)	PHOS- PHORUS TOTAL (MG/L AS P)
NOV 06...	0.200	0.020	0.03	0.010	--	<0.20	0.03	0.010	<0.010	<0.010	<0.010
DEC 20...	0.200	0.050	0.06	0.020	0.18	0.20	--	<0.010	<0.010	<0.010	<0.010
MAR 27...	0.190	0.020	0.03	0.020	--	<0.20	--	<0.010	<0.010	0.020	0.010
JUN 18...	0.200	0.040	0.05	0.030	0.37	0.40	0.03	0.010	0.010	<0.010	0.020
SEP 05...	0.200	<0.010	--	0.030	--	<0.20	--	<0.010	<0.010	<0.010	0.020

DATE	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)	LEAD, DIS- SOLVED (UG/L AS PB)	SEDI- MENT, SUS- PENDED (MG/L)
NOV 06...	50	<1	25	<0.5	1.0	4	<3	1	120	5	2
DEC 20...	40	<1	9	<0.5	<1.0	<1	<3	2	150	8	4
MAR 27...	30	<1	10	<0.5	2.0	<1	<3	1	77	1	6
JUN 18...	30	<1	10	0.5	<1.0	<1	<3	<1	190	7	20
SEP 05...	50	<1	10	<0.5	<1.0	<1	<3	2	230	2	6

DATE	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)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)
NOV 06...	0.62	<4	12	100	<0.1	<10	4	<1	<1.0	4
DEC 20...	0.94	<4	10	100	0.3	<10	<1	<2	<1.0	3
MAR 27...	1.4	<4	9	81	0.2	<10	<1	<1	<1.0	4
JUN 18...	5.1	<4	13	55	1.0	<10	1	<1	<1.0	3
SEP 05...	1.6	<4	11	100	0.2	<10	<1	<1	<1.0	4

DATE	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/90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)
NOV 06...	0.04	<6	27	8.5	0.7	1.0	0.9	<0.6	<0.6	0.29
DEC 20...	--	<6	17	--	--	--	--	--	--	--
MAR 27...	--	<6	19	--	--	--	--	--	--	--
JUN 18...	--	<6	21	--	--	--	--	--	--	--
SEP 05...	--	<6	340	--	--	--	--	--	--	--

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, 10 - 12, 22, 23, Nov. 9, Jan. 11, 15, Feb. 7, Mar. 1, 3, 13, 29, Apr. 5, 9, 10, 27, 29, May 5, 9, July 2, 4, 10, 12, 16, 29, 30, Aug. 1, 5, 8, 24, Sept. 1, 16, 25, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.05	.11	.11	.05	.37	.21	.12	.18	.70	1.8	.78
2	.08	.05	.12	.05	.07	.64	.19	.11	.18	1.4	.31	.16
3	.09	.03	.13	.05	.07	1.8	.18	.14	.14	.23	.09	.14
4	.11	.03	.10	.03	.08	.11	.16	.20	.16	.47	.10	.15
5	.06	.03	.10	.06	.07	.10	.60	.21	.19	.43	.21	.19
6	.07	.05	.11	.04	.06	.10	.20	.10	.12	.17	.12	.14
7	.08	.08	.20	.14	.37	.09	.14	.13	.09	.19	.15	.15
8	.07	.03	.23	.06	.13	.12	.09	.16	.09	.08	.37	.13
9	.09	.28	.11	.05	.07	.15	.11	.37	.11	.28	.26	.13
10	2.0	.04	.14	.05	.09	.15	.16	.12	.07	1.2	.37	.13
11	1.4	.03	.07	.37	.14	.13	.12	.07	.14	.58	.22	.20
12	2.4	.03	.09	.08	.08	.12	.12	.11	.11	.37	.46	.81
13	.06	.05	.10	.08	.11	.78	.18	.24	.10	.11	.17	.28
14	.06	.03	.07	.08	.10	.26	.08	.07	.26	.10	.41	.45
15	.16	.05	.07	.21	.10	.31	.07	.08	.18	.21	.20	.53
16	.05	.03	.09	.11	.06	.15	.08	.47	.18	1.2	.18	.78
17	.05	.05	.09	.07	.05	.12	.12	.08	.38	.75	.15	.48
18	.07	.04	.13	.07	.06	.10	.12	.15	.28	.47	.16	.41
19	.06	.10	.07	.91	.10	.14	.29	.11	.09	.17	.29	.61
20	.09	.11	.36	.43	.15	.29	.09	.09	.12	.15	.18	.46
21	.17	.11	.11	.06	.16	.32	.12	.08	.19	.20	.22	.49
22	1.4	.09	.11	.06	.36	.21	.11	.08	.36	.35	.24	.49
23	.47	.09	.05	.05	.20	.15	.10	.07	.59	.32	.21	.38
24	.07	.12	.13	.59	.10	.10	.11	.08	.19	.30	.60	.58
25	.07	.15	.05	.06	.09	.17	.10	.09	.13	.46	.49	1.0
26	.03	.14	.06	.06	.07	.18	.07	.10	.26	.26	.22	.55
27	.03	.11	.07	.08	.08	.27	.37	.14	.10	.16	.25	.43
28	.03	.09	.07	.07	.07	.24	.14	.10	.15	.14	.16	.41
29	.04	.10	.06	.17	---	1.4	.60	.08	.21	.37	.16	.32
30	.03	.10	.05	1.0	---	.26	.19	.13	.37	.78	.17	.30
31	.09	---	.06	.11	---	.25	---	.12	---	.10	.13	---
TOTAL	9.56	2.29	3.31	5.36	3.14	9.58	5.22	4.20	5.72	12.70	9.05	12.06
MEAN	.31	.076	.11	.17	.11	.31	.17	.14	.19	.41	.29	.40
MAX	2.4	.28	.36	1.0	.37	1.8	.60	.47	.59	1.4	1.8	1.0
MIN	.03	.03	.05	.03	.05	.09	.07	.07	.07	.08	.09	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	.16	.14	.17	.21	.26	.25	.21	.20
MAX	.31	.26	.49	.45	.42	.33	.33	.45
(WY)	1991	1990	1990	1990	1990	1990	1990	1990
MIN	.056	.074	.071	.088	.087	.19	.16	.14
(WY)	1988	1988	1989	1989	1989	1984	1988	1991

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1984 - 1991
ANNUAL TOTAL	100.91	82.19	
ANNUAL MEAN	.28	.23	.21
HIGHEST ANNUAL MEAN			.31
LOWEST ANNUAL MEAN			.14
HIGHEST DAILY MEAN	2.4 Oct 12	2.4 Oct 12	2.4 Oct 12 1990
LOWEST DAILY MEAN	.03 Oct 26	.03 Many days	.02 Dec 15 1985
INSTANTANEOUS PEAK FLOW		Unknown Sep 1	Unknown Jul 25 1990
INSTANTANEOUS PEAK STAGE		1.67 Sep 1	1.86 Jul 25 1990
10 PERCENT EXCEEDS	.52	.47	.39
50 PERCENT EXCEEDS	.21	.13	.15
90 PERCENT EXCEEDS	.06	.06	.07

SAVANNAH RIVER BASIN

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, Oct. 1, 10 - 12, 22, Nov. 9, Mar. 3 - 5, 13, 29, Apr. 29, July 2, 4, 20 - 22, 30, Aug. 1 - 5, 8, 24, 31, Sept. 1, which are poor, and those above 7.8 ft³/s, which are undefined. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.03	.04	.23	.11	.48	.13	.09	.11	.07	3.2	1.2
2	.05	.03	.04	.08	.11	.71	.13	.08	.11	.30	1.0	.11
3	.05	.03	.06	.14	.11	2.4	.12	.08	.06	.28	.40	.09
4	.10	.03	.06	.07	.12	.13	.11	.15	.06	.64	.25	.09
5	.06	.04	.05	.06	.11	.10	.41	.38	.08	.10	.22	.97
6	.04	.04	.04	.05	.07	.10	.11	.16	.06	.08	.23	.15
7	.04	.04	.21	.25	1.2	.09	.11	.07	.07	.08	.11	.14
8	.07	.04	.15	.07	.18	.10	.12	.07	.06	.08	.67	.13
9	.06	.82	.05	.06	.08	.08	.12	.33	.06	.08	.36	.08
10	3.5	.08	.06	.06	.07	.07	.12	.09	.05	.32	.51	.05
11	1.8	.06	.07	1.1	.09	.07	.13	.07	.05	.11	.25	.04
12	3.9	.04	.06	.16	.08	.08	.12	.15	.06	.36	.55	.04
13	.08	.04	.07	.06	.08	.91	.11	.08	.09	.11	.16	.04
14	.07	.04	.07	.06	.08	.11	.11	.07	.26	.11	.66	.04
15	.08	.04	.05	.52	.08	.10	.12	.07	.08	.11	.23	.04
16	.08	.04	.05	.28	.05	.09	.11	.07	.07	.89	.11	.20
17	.06	.04	.07	.07	.05	.10	.10	.07	.21	.49	.11	.10
18	.08	.04	.18	.07	.05	.10	.12	.07	.25	.38	.11	.08
19	.05	.05	.13	.96	.06	.09	.42	.07	.07	.17	.34	.30
20	.05	.05	.43	.25	.06	.09	.13	.06	.07	.11	.10	.13
21	.05	.05	.10	.08	.06	.09	.12	.06	.07	.10	.09	.08
22	2.4	.05	.07	.07	.16	.10	.11	.06	.07	.10	.09	.08
23	.88	.05	.07	.07	.16	.09	.11	.55	.11	.08	.09	.08
24	.07	.05	.07	1.2	.05	.09	.11	.12	.07	.08	.74	.08
25	.09	.05	.06	.14	.06	.09	.11	.07	.07	.35	.62	.74
26	.05	.12	.07	.07	.05	.09	.11	.07	.12	.11	.13	.14
27	.03	.38	.09	.07	.06	.08	.89	.12	.19	.10	.09	.13
28	.03	.22	.08	.17	.06	.08	.25	.06	.07	.15	.09	.13
29	.03	.05	.07	.45	---	2.2	1.4	.05	.07	.40	.09	.13
30	.03	.04	.07	2.3	---	.17	.25	.18	.07	1.2	.09	.13
31	.03	---	.08	.29	---	.13	---	.11	---	.24	.26	---
TOTAL	13.95	2.68	2.77	9.51	3.50	9.21	6.41	3.73	2.84	7.78	11.95	5.74
MEAN	.45	.089	.089	.31	.12	.30	.21	.12	.095	.25	.39	.19
MAX	3.9	.82	.43	2.3	1.2	2.4	1.4	.55	.26	1.2	3.2	1.2
MIN	.03	.03	.04	.05	.05	.07	.10	.05	.05	.07	.09	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	MEAN	.16	.12	.11	.18	.17	.17	.12	.11	.15	.17	.20	.11
MAX	.45	.21	.20	.38	.32	.30	.21	.18	.27	.32	.39	.19	
(WY)	1991	1986	1987	1987	1987	1991	1991	1987	1988	1989	1991	1989	
MIN	.053	.026	.048	.062	.099	.021	.059	.070	.060	.042	.10	.041	
(WY)	1985	1985	1985	1986	1990	1985	1990	1985	1990	1986	1989	1986	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	48.57	80.07	
ANNUAL MEAN	.13	.22	.15
HIGHEST ANNUAL MEAN			.22
LOWEST ANNUAL MEAN			.082
HIGHEST DAILY MEAN	3.9	3.9	5.2
LOWEST DAILY MEAN	.01	.03	.00
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		1.82	2.55
10 PERCENT EXCEEDS	.22	.44	.33
50 PERCENT EXCEEDS	.05	.09	.05
90 PERCENT EXCEEDS	.03	.05	.03

* Also occurred on Oct. 28 to Nov. 4.

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 September 1982, October 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. 12 - 16, 23 - 31, Nov. 1, 6, 7, Dec. 5 - 7, 25 - 28, which are poor. Flow regulated by Savannah River Site operations 5 mi upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	5.5	5.4	4.5	13	6.5	7.8	11	6.3	4.3	40	5.8
2	2.0	5.6	5.2	5.3	8.8	18	7.1	7.1	5.5	6.9	56	12
3	2.0	5.6	4.8	4.6	7.0	38	6.4	5.2	5.0	6.6	19	7.4
4	2.1	5.5	4.7	4.8	6.4	33	6.2	5.4	4.7	9.8	11	6.1
5	2.1	5.4	4.7	4.6	6.1	12	7.6	6.8	4.6	13	8.3	5.6
6	2.1	5.3	4.8	4.5	8.6	8.8	8.4	8.7	4.6	7.2	7.5	5.4
7	2.2	4.8	4.9	5.1	19	7.3	7.1	5.9	4.4	5.5	7.3	5.7
8	2.2	4.7	6.3	6.0	12	6.7	6.2	5.4	4.4	4.9	7.9	5.7
9	2.2	5.9	5.3	6.0	9.3	6.5	6.0	5.4	4.3	4.6	11	5.1
10	12	13	4.7	6.0	7.8	6.2	6.0	7.0	4.3	4.4	9.8	4.9
11	45	7.5	4.5	10	6.6	6.1	5.9	6.0	4.3	4.6	10	4.9
12	92	6.4	4.6	11	6.1	6.7	5.7	5.4	4.2	4.3	11	4.9
13	53	5.8	4.7	6.5	5.9	15	5.8	5.8	4.3	4.7	11	4.9
14	30	5.2	4.7	5.3	5.8	11	5.9	5.7	4.5	4.4	13	4.8
15	16	5.2	4.6	5.2	5.8	7.5	6.5	5.0	5.5	4.3	13	4.9
16	6.0	5.2	4.5	11	5.6	6.0	6.4	4.6	4.5	6.5	8.5	4.8
17	5.3	5.2	4.5	7.2	5.5	5.5	5.6	5.0	4.5	10	7.3	4.9
18	5.1	4.9	4.4	6.0	5.7	5.7	5.3	5.2	10	10	6.5	5.2
19	5.0	4.8	4.7	7.9	5.4	5.4	6.5	5.4	5.8	9.4	6.6	4.8
20	4.6	4.9	5.5	14	5.4	5.1	6.6	4.8	5.0	6.6	8.0	5.5
21	4.4	4.9	6.4	8.0	5.4	4.8	5.7	4.9	4.6	5.4	6.2	4.9
22	19	4.8	5.5	6.6	5.4	5.0	5.3	4.9	4.4	5.6	6.2	4.7
23	73	4.9	5.1	5.9	6.9	5.0	5.2	5.0	4.4	4.8	5.9	4.6
24	59	4.9	4.9	10	6.0	5.0	11	5.1	4.5	4.4	6.1	4.2
25	46	4.8	4.5	13	5.5	5.0	6.3	4.8	4.3	5.8	14	9.1
26	35	4.8	4.9	8.3	5.0	5.2	5.0	4.6	4.4	4.5	11	10
27	26	4.7	5.0	6.6	4.9	5.3	12	6.4	5.4	4.4	8.3	6.7
28	20	4.9	5.3	6.3	7.2	5.1	14	6.5	5.1	6.1	7.3	5.7
29	14	5.8	5.2	6.5	---	15	7.8	4.8	4.8	8.0	6.6	5.2
30	9.5	5.9	5.0	27	---	36	20	5.1	4.4	9.7	5.9	4.9
31	6.0	---	4.9	28	---	10	---	7.1	---	16	5.7	---
TOTAL	604.8	166.8	154.2	261.7	202.1	318.4	221.3	180.0	147.0	206.7	355.9	173.3
MEAN	19.5	5.56	4.97	8.44	7.22	10.3	7.38	5.81	4.90	6.67	11.5	5.78
MAX	92	13	6.4	28	19	38	20	11	10	16	56	12
MIN	2.0	4.7	4.4	4.5	4.9	4.8	5.0	4.6	4.2	4.3	5.7	4.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1991, BY WATER YEAR (WY)

	MEAN	5.52	5.36	5.99	6.85	6.84	7.58	5.76	5.39	4.65	4.28	5.16	4.65
MAX	19.5	8.22	8.28	11.9	10.5	14.5	8.57	10.4	7.38	8.10	11.5	8.91	
(WY)	1991	1986	1982	1978	1975	1980	1980	1976	1975	1975	1991	1975	
MIN	2.13	2.84	4.14	4.29	4.95	4.14	3.62	2.60	2.88	2.35	2.32	2.48	
(WY)	1982	1982	1980	1977	1982	1982	1981	1981	1990	1980	1980	1990	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1974 - 1991

ANNUAL TOTAL	2076.6	2992.2	
ANNUAL MEAN	5.69	8.20	
HIGHEST ANNUAL MEAN			5.68
LOWEST ANNUAL MEAN			8.20
HIGHEST DAILY MEAN	92	Oct 12	1991
LOWEST DAILY MEAN	2.0	Sep 27	1982
INSTANTANEOUS PEAK FLOW			4.30
INSTANTANEOUS PEAK STAGE			1.0
10 PERCENT EXCEEDS	6.9	129	Oct 12 1990
50 PERCENT EXCEEDS	4.2	5.69	Oct 12 1981
90 PERCENT EXCEEDS	2.5	12	Oct 12 1990
		5.7	8.6
		4.5	4.7
			2.8

* Also occurred on Oct. 2, 3.

SAVANNAH RIVER BASIN

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. 10, 11, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103	210	177	174	454	173	257	408	433	159	691	225
2	101	206	177	192	253	361	206	244	307	157	1470	267
3	99	203	177	185	212	611	192	194	228	190	1030	224
4	99	201	183	184	199	729	185	182	198	274	627	209
5	102	199	180	178	192	512	198	214	182	502	434	203
6	101	198	175	172	190	289	264	324	176	532	337	199
7	99	196	176	170	306	233	241	339	171	272	303	208
8	99	194	215	177	366	214	204	221	167	209	282	225
9	99	207	216	178	280	206	211	199	165	187	316	206
10	140	346	189	171	217	198	208	314	162	174	320	196
11	840	362	179	215	196	191	187	324	162	179	308	193
12	1740	239	175	325	190	188	178	206	161	169	350	190
13	1370	207	176	274	182	237	177	219	163	204	418	187
14	752	196	175	196	182	327	177	254	169	172	479	186
15	408	191	175	180	178	263	179	219	252	163	501	245
16	270	187	174	223	174	206	190	284	254	194	425	214
17	228	187	173	230	174	196	179	663	184	303	308	207
18	218	185	173	187	176	200	170	404	198	483	261	227
19	217	185	179	206	175	195	179	262	194	697	245	215
20	200	185	193	348	175	185	237	282	180	581	271	234
21	193	184	225	305	174	181	221	233	174	372	259	303
22	275	186	203	202	174	182	186	218	170	361	230	211
23	1330	184	186	181	208	182	174	211	163	322	220	198
24	1000	184	180	231	221	179	175	203	161	215	219	193
25	556	181	173	365	190	174	166	196	159	246	295	279
26	354	180	169	300	179	172	163	190	156	229	417	550
27	295	179	168	204	174	174	271	247	191	212	436	442
28	251	181	168	195	173	171	537	302	223	253	290	256
29	233	190	169	198	---	250	475	243	185	338	248	214
30	220	184	170	425	---	626	452	200	167	480	233	201
31	214	---	172	643	---	520	---	329	---	587	220	---
TOTAL	12206	6117	5620	7414	5964	8525	6839	8328	5855	9416	12443	7107
MEAN	394	204	181	239	213	275	228	269	195	304	401	237
MAX	1740	362	225	643	454	729	537	663	433	697	1470	550
MIN	99	179	168	170	173	171	163	182	156	157	219	186
IN.	2.58	1.29	1.18	1.57	1.26	1.80	1.45	1.76	1.24	1.99	2.63	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1991, BY WATER YEAR (WY)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	180	194	205	223	229	238	210	192	177	182	187	175	182	187	175	180	192	177
MAX	394	254	272	301	302	328	283	321	229	304	401	237	304	401	237	304	401	237
(WY)	1991	1980	1977	1978	1985	1980	1984	1984	1976	1991	1991	1991	1991	1991	1991	1991	1991	1991
MIN	134	145	132	147	149	161	141	129	112	113	124	105	113	124	105	113	129	112
(WY)	1989	1989	1989	1989	1989	1990	1990	1990	1990	1990	1986	1988	1986	1988	1990	1989	1990	1990

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1974 - 1991
ANNUAL TOTAL	63442	95834	
ANNUAL MEAN	174	263	199
HIGHEST ANNUAL MEAN			263
LOWEST ANNUAL MEAN			154
HIGHEST DAILY MEAN	1740	1740	1740
LOWEST DAILY MEAN	85	99	85
ANNUAL SEVEN-DAY MINIMUM	86	100	86
INSTANTANEOUS PEAK FLOW		2040	2040
INSTANTANEOUS PEAK STAGE		7.87	7.87
ANNUAL RUNOFF (INCHES)	13.41	20.26	15.37
10 PERCENT EXCEEDS	224	428	283
50 PERCENT EXCEEDS	147	203	179
90 PERCENT EXCEEDS	101	171	131

* Also occurred on Oct. 4, 7 - 9.

** Also occurred on July 12, 1990.

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. 11 - 14, Jan. 31 - Feb. 1, Mar. 3 - 5, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	229	205	197	600	206	383	427	398	166	560	244
2	92	223	203	222	369	339	266	339	372	161	1600	290
3	91	221	202	223	278	700	237	233	271	178	1200	272
4	93	218	208	218	252	850	226	208	224	258	576	240
5	98	217	208	209	238	600	245	238	201	429	417	230
6	99	216	199	196	232	412	311	322	190	487	347	225
7	96	213	201	191	298	312	315	367	185	380	315	225
8	95	211	240	198	407	282	258	328	177	249	296	263
9	95	224	266	206	373	272	243	285	173	215	326	244
10	148	324	229	194	295	272	256	334	171	191	335	224
11	486	376	210	222	249	271	231	375	167	194	341	218
12	1000	327	203	324	236	258	212	281	167	183	341	215
13	2000	247	202	348	224	260	210	237	167	210	392	211
14	1100	227	200	260	223	336	210	271	176	199	437	209
15	567	219	200	219	218	343	215	269	228	172	477	245
16	335	214	199	262	208	264	226	245	295	203	447	267
17	249	213	197	290	208	239	214	455	212	299	370	234
18	232	211	196	244	212	243	197	500	217	400	306	253
19	233	210	206	231	213	239	206	316	217	568	271	256
20	216	211	221	349	211	225	255	303	199	559	283	241
21	204	210	266	379	210	217	284	277	188	426	291	320
22	249	211	257	283	209	214	232	251	183	350	261	274
23	1040	212	226	224	243	218	205	238	172	366	246	231
24	1600	210	213	248	280	213	201	231	167	274	245	222
25	604	207	202	371	246	205	192	221	164	261	297	261
26	411	203	192	385	222	201	185	210	162	263	370	462
27	330	201	190	280	210	204	217	236	192	237	458	507
28	290	205	190	240	206	202	495	327	229	285	361	351
29	262	216	190	243	---	236	494	298	217	336	290	258
30	244	217	192	360	---	532	448	225	183	424	272	237
31	235	---	195	800	---	568	---	267	---	547	255	---
TOTAL	12887	6843	6508	8616	7370	9933	7869	9114	6264	9470	12983	7929
MEAN	416	228	210	278	263	320	262	294	209	305	419	264
MAX	2000	376	266	800	600	850	495	500	398	568	1600	507
MIN	91	201	190	191	206	201	185	208	162	161	245	209
IN.	2.36	1.25	1.19	1.58	1.35	1.82	1.44	1.67	1.15	1.74	2.38	1.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1991, BY WATER YEAR (WY)

	MEAN	216	239	255	269	275	295	262	220	203	207	219	203
MAX	416	328	377	343	355	453	406	368	318	305	419	287	
(WY)	1991	1980	1977	1977	1985	1980	1980	1984	1976	1991	1991	1975	
MIN	141	171	155	176	174	169	142	129	111	113	130	118	
(WY)	1989	1989	1989	1989	1989	1990	1990	1990	1990	1986	1988	1990	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1974 - 1991

ANNUAL TOTAL	69450		105786									
ANNUAL MEAN	190		290									
HIGHEST ANNUAL MEAN										237		
LOWEST ANNUAL MEAN										290		1991
HIGHEST DAILY MEAN	2000	Oct 13	2000	Oct 13						172		1990
LOWEST DAILY MEAN	83	Jul 7	91	Oct 3						83	* Jul 7	1990
ANNUAL SEVEN-DAY MINIMUM	84	Jul 6	95	Oct 1						84	Jul 6	1990
INSTANTANEOUS PEAK FLOW			Unknown	Oct 12						Unknown	Oct 12	1990
INSTANTANEOUS PEAK STAGE			7.89	Oct 12						7.89	Oct 12	1990
ANNUAL RUNOFF (INCHES)	12.73		19.39							15.87		
10 PERCENT EXCEEDS	263		426							355		
50 PERCENT EXCEEDS	166		237							218		
90 PERCENT EXCEEDS	100		191							142		

* Also occurred on July 8, 11, 1990.

SAVANNAH RIVER BASIN

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01'', long 81°46'04'', Aiken County, Hydrologic Unit 03060106, on left bank 0.5 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to current year, discharge below 22,000 ft³/s only.

GAGE.--Data collection platform. Datum of gage is 77.0 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, Nov 19 - 21, Jan. 8 - 10, Feb. 7 - 10, 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, daily mean discharges greater than 22,000 ft³/s are not shown for Oct. 13 - 16, Mar. 11 - 12, May 8 - 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5000	9370	6540	6110	16900	10400	14800	14800	17100	10800	17200	12700
2	4860	8970	5470	5870	16900	9750	12600	15900	14300	12400	17700	7470
3	5210	7530	5810	6360	12800	12300	15500	17400	12700	15400	18300	6060
4	5640	5960	7810	7020	10100	18000	18200	18800	13100	16400	17800	5760
5	5500	6620	8970	6770	10400	20900	19900	19700	11500	17100	16400	6170
6	4900	7910	8890	5620	9230	21500	21000	20300	9590	17300	17500	5930
7	4640	8180	9190	5610	7560	20500	19300	21100	7520	15200	18800	5640
8	4660	8320	7780	7800	10000	20600	13900	---	7290	12000	19500	5850
9	5310	7730	5870	8000	8500	21000	9830	---	6320	9540	18600	6850
10	6510	7560	6040	7000	9000	21600	11600	---	5960	9820	16500	7660
11	7400	9180	8950	5930	7900	---	14500	---	7080	10400	13900	9730
12	12000	9830	7800	5870	9450	---	16500	20000	6870	9970	12400	10300
13	---	8050	5560	9370	10400	19000	16800	16500	7900	8260	12500	10800
14	---	7240	5550	10800	12400	15900	13900	15800	7890	7290	16500	9250
15	---	7580	5780	8200	12700	14200	9080	17100	8660	6560	18900	7540
16	---	7210	5450	6470	11000	11800	12700	17500	10000	8960	20300	6530
17	16500	5480	5380	8080	10400	8810	15300	17700	8440	11600	20700	7730
18	12900	5490	7740	9790	7010	7840	16200	17900	8450	12700	20300	8300
19	9500	6920	7100	7220	7600	6600	16300	17300	9450	13800	17600	8350
20	6570	8140	6440	7970	8900	6710	16000	16300	8990	13800	13100	8170
21	5680	7040	8100	10100	9570	6730	13200	17200	10100	10700	13300	6780
22	6350	5430	7110	10700	9400	6270	8270	17900	8040	9340	15600	5410
23	11500	6150	6380	8280	8360	5580	8410	18100	7260	10200	17500	6370
24	16300	5750	7190	7470	8390	5420	9360	18100	7300	9140	17300	9340
25	18400	5400	8320	8410	8430	5590	9240	17800	6800	9690	16900	8480
26	17200	5310	8340	10800	9940	7800	9240	16500	7000	10600	15800	8920
27	12100	7090	7330	9650	10800	9540	8020	14200	12100	8520	14200	8040
28	7880	6490	7850	8690	10700	9390	7180	15600	15300	7640	12300	6590
29	6940	5370	7150	8650	---	9730	6860	17300	15900	8930	11800	6220
30	9310	5850	6250	8900	---	10500	11000	18100	13600	13600	16100	6400
31	9920	---	5870	13500	---	13600	---	17900	---	16700	16600	---
TOTAL	---	213150	218010	251010	284740	---	394690	---	292510	354360	511900	229340
MEAN	---	7105	7033	8097	10170	---	13160	---	9750	11430	16510	7645
MAX	---	9830	9190	13500	16900	---	21000	---	17100	17300	20700	12700
MIN	4640	5310	5380	5610	7010	5420	6860	14200	5960	6560	11800	5410
CFSM	---	.91	.90	1.04	1.30	---	1.69	---	1.25	1.47	2.12	.98
IN.	---	1.02	1.04	1.20	1.36	---	1.88	---	1.40	1.69	2.44	1.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1991, BY WATER YEAR (WY)

MEAN	---	7515	---	---	---	---	---	---	---	---	---	7109
MAX	---	14570	---	---	---	---	---	---	---	---	---	9859
(WY)	---	1976	---	---	---	---	---	---	---	---	---	1987
MIN	4859	4563	4750	5162	5833	5728	5461	4720	4560	4530	4628	5423
(WY)	1987	1982	1989	1989	1989	1988	1988	1988	1988	1988	1988	1988

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR		FOR 1991 WATER YEAR		WATER YEARS 1972 - 1991	
LOWEST DAILY MEAN	4640	Oct 7	4640	Oct 7	3220	Dec 9 1981
ANNUAL SEVEN-DAY MINIMUM	5060	Oct 2	5060	Oct 2	3770	Dec 4 1981
INSTANTANEOUS PEAK FLOW			Unknown	Oct 14	Unknown	Apr 11 1983
INSTANTANEOUS PEAK STAGE			20.05	Oct 14	21.57	Apr 11 1983

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, 26.5°C, Aug. 22; minimum, 7.0°C, Jan. 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

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.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 22, Mar. 13 - 31, May 1 - 23, June 1 - 10, June 20 to July 2, July 31 to Aug. 7, 12 - 14, Sept. 25. Records poor. Flow regulated by Savannah River Site Operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.05	.04	.05	.07	.05	.07	.05	.04	.06	.06	.06	.06
2	.05	.05	.05	.06	.05	.07	.04	.04	.06	.09	.06	.06
3	.05	.05	.05	.07	.05	.11	.06	.04	.06	.06	.06	.06
4	.05	.05	.05	.06	.05	.05	.06	.04	.06	.08	.06	.06
5	.05	.05	.05	.06	.05	.04	.08	.04	.06	.06	.06	.06
6	.05	.05	.05	.06	.05	.04	.05	.04	.06	.06	.06	.06
7	.04	.04	.06	.06	.07	.04	.05	.04	.06	.07	.06	.07
8	.04	.04	.05	.06	.06	.04	.05	.04	.06	.06	.06	.06
9	.05	.07	.05	.06	.05	.04	.05	.04	.06	.07	.05	.06
10	.15	.05	.05	.06	.05	.04	.04	.04	.06	.08	.06	.06
11	.09	.04	.05	.09	.05	.04	.04	.04	.06	.08	.06	.05
12	.11	.04	.05	.06	.05	.04	.04	.04	.07	.05	.06	.04
13	.05	.04	.05	.05	.05	.04	.04	.04	.06	.05	.06	.03
14	.05	.04	.05	.05	.06	.04	.04	.04	.08	.05	.06	.03
15	.04	.04	.05	.07	.08	.04	.05	.04	.09	.06	.06	.03
16	.04	.04	.05	.05	.09	.04	.05	.04	.09	.07	.06	.03
17	.05	.04	.05	.05	.09	.04	.04	.04	.09	.07	.05	.03
18	.05	.04	.05	.06	.09	.04	.04	.04	.08	.06	.05	.04
19	.04	.04	.05	.08	.09	.04	.06	.04	.07	.05	.05	.04
20	.04	.04	.06	.05	.08	.04	.04	.04	.07	.05	.05	.04
21	.04	.04	.05	.05	.07	.04	.04	.04	.05	.05	.05	.04
22	.05	.04	.05	.05	.06	.04	.04	.04	.05	.06	.05	.04
23	.07	.04	.05	.05	.07	.04	.04	.04	.05	.06	.05	.04
24	.05	.04	.05	.09	.06	.04	.04	.04	.05	.07	.06	.04
25	.06	.04	.05	.06	.06	.04	.04	.04	.05	.07	.08	.06
26	.05	.04	.05	.05	.05	.04	.04	.04	.06	.05	.06	.04
27	.04	.05	.06	.05	.05	.04	.07	.04	.07	.06	.06	.04
28	.04	.05	.06	.06	.05	.04	.05	.04	.06	.05	.07	.04
29	.04	.05	.05	.06	---	.07	.06	.04	.07	.07	.06	.04
30	.04	.05	.05	.11	---	.05	.05	.05	.06	.07	.07	.04
31	.04	---	.06	.06	---	.05	---	.04	---	.07	.06	---
TOTAL	1.66	1.33	1.60	1.92	1.73	1.43	1.44	1.25	1.93	1.96	1.82	1.39
MEAN	.054	.044	.052	.062	.062	.046	.048	.040	.064	.063	.059	.046
MAX	.15	.07	.06	.11	.09	.11	.08	.05	.09	.09	.08	.07
MIN	.04	.04	.05	.05	.05	.04	.04	.04	.05	.05	.05	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

MEAN	.071	.069	.066	.066	.083	.085	.080	.089	.088	.077	.070	.071
MAX	.13	.11	.11	.10	.18	.23	.16	.16	.19	.13	.10	.12
(WY)	1988	1988	1989	1989	1988	1988	1988	1988	1988	1988	1988	1988
MIN	.025	.010	.019	.015	.019	.021	.010	.015	.061	.055	.024	.046
(WY)	1985	1985	1985	1985	1985	1984	1984	1984	1984	1985	1985	1991

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	25.48	19.46	.080
ANNUAL MEAN	.070	.053	.14
HIGHEST ANNUAL MEAN			.053
LOWEST ANNUAL MEAN			.40
HIGHEST DAILY MEAN	.15 Oct 10	.15 Oct 10	Feb 15 1988
LOWEST DAILY MEAN	.04 Sep 26	.03 *Sep 13	Dec 23 1983
INSTANTANEOUS PEAK FLOW		.54 Oct 22	Unknown Apr 6 1988
INSTANTANEOUS PEAK STAGE		1.51 Oct 22	1.73 Apr 6 1988
10 PERCENT EXCEEDS	.09	.07	.12
50 PERCENT EXCEEDS	.07	.05	.07
90 PERCENT EXCEEDS	.05	.04	.02

* Also occurred on Sept. 14 - 17.

** Also occurred on Nov. 20, 24, 1984.

SAVANNAH RIVER BASIN

02197323 D-006 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12'', long 81°44'38'', Barnwell County, Hydrologic Unit 03060106, on upstream side of culvert, on the westside of D-Area, 1.0 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Prior to Nov. 9, 1990, at site 200 ft downstream at different datum.

REMARKS.--Records poor. Estimated daily discharges, Oct. 10 - 12, 22 - 31, Nov. 1 - 9, Dec. 20, Jan. 11, 15, 19, 24, 30, Mar. 1 - 3, 29, Apr. 4, 27, 29, July 4, 16 - 18, 25, 29, Aug. 1, 2, 14, 25, 28, Sept. 25. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	2.6	2.2	2.3	3.4	3.5	3.3	2.7	.77	1.8	10	2.8
2	1.7	2.6	2.2	2.2	3.2	6.4	3.2	2.4	.73	1.9	7.0	2.8
3	1.7	2.6	2.2	2.2	3.2	12	3.2	2.2	.69	2.1	3.4	2.9
4	1.7	2.6	2.2	2.2	2.9	5.6	3.1	2.7	.71	4.6	2.7	2.8
5	1.7	2.6	2.2	2.2	2.9	4.2	5.6	2.1	.65	2.7	2.4	2.8
6	1.7	2.6	2.2	2.2	2.9	3.8	3.8	2.4	.69	2.6	2.2	2.8
7	1.8	2.6	2.3	2.2	5.4	3.6	3.5	1.7	.66	2.6	2.1	2.8
8	1.8	2.6	2.4	2.2	3.6	3.2	3.2	1.2	.65	2.9	2.1	2.8
9	1.8	3.9	2.2	2.1	3.3	3.0	3.2	2.4	.65	3.1	2.0	2.8
10	8.0	2.8	2.2	2.0	3.1	2.9	3.1	1.5	.66	3.3	2.0	2.8
11	3.5	2.4	2.2	3.5	2.9	3.0	2.9	1.3	.71	3.5	2.6	2.8
12	9.0	2.4	2.2	2.4	2.7	2.9	2.7	1.2	.72	3.9	4.1	2.8
13	2.3	2.3	2.2	2.2	2.9	3.9	2.7	1.4	.74	4.2	3.0	2.8
14	2.0	2.2	2.2	2.2	2.9	3.2	2.7	1.2	.87	4.2	5.4	2.8
15	1.9	2.2	2.2	2.8	2.8	2.9	2.8	1.1	.86	4.7	3.8	2.8
16	1.9	2.3	2.2	2.7	2.7	2.9	2.6	.97	.86	6.4	3.2	2.8
17	1.8	2.2	2.2	2.2	2.7	2.9	2.4	.92	1.0	7.0	3.0	2.8
18	1.9	2.2	2.2	2.2	2.7	3.1	2.4	.94	.70	6.0	2.9	2.8
19	1.8	2.2	2.2	4.2	2.7	2.7	3.0	.90	.68	5.5	2.9	2.8
20	1.9	2.2	2.8	3.3	2.7	2.9	2.7	.88	.79	5.6	2.8	2.8
21	1.9	2.2	2.2	2.7	2.7	2.8	2.5	.90	.80	5.8	2.6	2.8
22	2.5	2.2	2.2	2.6	2.7	2.8	2.4	.88	.94	6.2	2.6	2.7
23	9.2	2.2	2.2	2.4	3.1	2.7	2.4	.88	1.1	6.5	2.6	2.4
24	3.0	2.2	2.2	4.9	2.7	2.7	2.4	.92	1.1	6.9	3.3	2.5
25	2.6	2.2	2.2	3.0	2.7	2.7	2.4	.89	1.2	6.0	6.0	6.6
26	2.6	2.2	2.2	2.7	2.7	2.7	2.4	.80	1.5	2.5	3.7	3.2
27	2.6	2.2	2.2	2.6	2.7	2.7	3.9	.84	1.9	2.7	3.2	2.6
28	2.6	2.3	2.2	2.7	2.7	2.7	3.1	.84	1.8	2.1	4.1	2.5
29	2.6	2.2	2.2	3.3	---	7.6	4.4	.83	1.4	3.1	3.3	2.3
30	2.6	2.2	2.2	11	---	4.1	3.3	.83	1.6	2.5	3.0	2.1
31	2.6	---	2.2	4.4	---	3.5	---	.78	---	2.2	2.9	---
TOTAL	86.4	72.2	69.1	91.8	83.6	115.6	91.3	41.50	28.13	125.1	106.9	85.8
MEAN	2.79	2.41	2.23	2.96	2.99	3.73	3.04	1.34	.94	4.04	3.45	2.86
MAX	9.2	3.9	2.8	11	5.4	12	5.6	2.7	1.9	7.0	10	6.6
MIN	1.7	2.2	2.2	2.0	2.7	2.7	2.4	.78	.65	1.8	2.0	2.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

MEAN	2.64	2.63	2.45	2.41	2.19	2.34	2.22	1.85	1.95	2.48	2.60	2.54
MAX	3.88	2.95	3.08	2.96	2.99	3.73	3.04	2.42	2.76	4.04	3.45	3.10
(WY)	1990	1986	1985	1991	1991	1991	1991	1990	1988	1991	1991	1984
MIN	1.64	2.15	1.80	1.53	1.55	1.22	.91	.96	.94	1.69	1.96	1.75
(WY)	1988	1987	1987	1989	1989	1986	1986	1986	1991	1990	1987	1987

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	858.1	997.43	
ANNUAL MEAN	2.35	2.73	
HIGHEST ANNUAL MEAN			2.35
LOWEST ANNUAL MEAN			2.73
HIGHEST DAILY MEAN	9.2	Oct 23	12
LOWEST DAILY MEAN	1.4	Jul 30	.65
INSTANTANEOUS PEAK FLOW			Unknown
INSTANTANEOUS PEAK STAGE	2.7		4.11
10 PERCENT EXCEEDS	2.3		4.1
50 PERCENT EXCEEDS	1.7		2.6
90 PERCENT EXCEEDS			.96

* Also occurred on June 8, 9.

** Also occurred on Sept. 5, 1985.

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, 30.5°C, July 12; minimum, 8.5°C, Jan. 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

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 and data collection platform. Elevation of gage is 120 ft above National Geodetic Vertical datum of 1929, (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 18, Jan. 1, 17 to Feb. 1, 28 to Mar. 1, Apr. 18 - 23, 24 - 26, June 11 - 13, July 25 - 29, Aug. 3 - 7, 21, 22 - 26. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.06	.04	.04	.07	.07	.09	.11	.08	.21	.08	.50	.29
2	.06	.04	.04	.05	.07	.14	.11	.09	.15	.08	.28	.30
3	.06	.04	.04	.06	.07	.20	.11	.10	.15	.08	.24	.32
4	.05	.04	.04	.06	.07	.09	.11	.12	.15	.12	.23	.31
5	.04	.04	.04	.06	.07	.11	.16	.13	.15	.10	.30	.29
6	.04	.04	.04	.12	.08	.10	.12	.11	.16	.09	.23	.28
7	.04	.04	.04	.06	.11	.11	.11	.11	.17	.10	.25	.30
8	.05	.04	.04	.06	.08	.11	.11	.11	.17	.09	.27	.32
9	.04	.03	.04	.06	.07	.11	.11	.14	.17	.09	.29	.32
10	.11	.04	.05	.07	.07	.11	.13	.11	.17	.09	.28	.32
11	.05	.03	.07	.12	.07	.11	.14	.11	.17	.09	.27	.32
12	.06	.03	.07	.06	.07	.11	.13	.12	.17	.09	.28	.32
13	.02	.03	.07	.06	.08	.15	.11	.12	.15	.09	.25	.32
14	.02	.03	.07	.06	.07	.12	.11	.11	.17	.14	.33	.32
15	.02	.04	.07	.06	.08	.11	.12	.11	.15	.19	.27	.32
16	.02	.03	.08	.12	.09	.11	.12	.12	.14	.25	.26	.32
17	.03	.03	.08	.12	.10	.11	.12	.11	.15	.25	.26	.33
18	.03	.03	.08	.08	.10	.12	.12	.11	.17	.25	.26	.35
19	.03	.03	.07	.06	.09	.11	.12	.11	.18	.20	.26	.34
20	.03	.03	.10	.05	.08	.11	.12	.11	.19	.19	.27	.34
21	.03	.03	.07	.04	.08	.11	.12	.11	.15	.19	.28	.35
22	.08	.03	.07	.04	.08	.11	.12	.11	.16	.19	.28	.35
23	.12	.03	.07	.05	.09	.11	.12	.11	.16	.19	.29	.35
24	.06	.03	.07	.06	.08	.11	.11	.12	.16	.19	.29	.35
25	.05	.04	.08	.05	.08	.11	.12	.12	.16	.19	.29	.50
26	.05	.04	.08	.04	.08	.11	.11	.12	.17	.19	.30	.36
27	.05	.04	.08	.04	.08	.11	.16	.13	.14	.19	.32	.35
28	.05	.04	.08	.04	.09	.11	.12	.13	.10	.19	.35	.35
29	.05	.03	.08	.05	---	.20	.15	.14	.08	.20	.31	.35
30	.05	.04	.08	.14	---	.12	.09	.19	.08	.26	.29	.35
31	.05	---	.08	.08	---	.11	---	.22	---	.24	.28	---
TOTAL	1.50	1.05	2.01	2.09	2.25	3.64	3.61	3.73	4.65	4.88	8.86	9.99
MEAN	.048	.035	.065	.067	.080	.12	.12	.12	.15	.16	.29	.33
MAX	.12	.04	.10	.14	.11	.20	.16	.22	.21	.26	.50	.50
MIN	.02	.03	.04	.04	.07	.09	.09	.08	.08	.08	.23	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
MEAN	.074	.069	.068	.066	.068	.066	.067	.062	.070	.077	.11	.12
MAX	.14	.13	.11	.089	.11	.12	.12	.12	.15	.16	.29	.33
(WY)	1986	1986	1986	1985	1985	1991	1991	1991	1991	1991	1991	1991
MIN	.048	.035	.043	.035	.031	.031	.031	.031	.024	.024	.039	.037
(WY)	1991	1991	1988	1990	1990	1990	1990	1988	1988	1988	1990	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	15.06	48.26	
ANNUAL MEAN	.041	.13	.078
HIGHEST ANNUAL MEAN			.13
LOWEST ANNUAL MEAN			.046
HIGHEST DAILY MEAN	.12 Aug 22	.50 Aug 1	.50 Aug 1 1991
LOWEST DAILY MEAN	.02 Aug 11	.02 *Oct 13	.00 ** Jun 23 1986
INSTANTANEOUS PEAK STAGE		3.95 Oct 22	4.95 Oct 1 1989
10 PERCENT EXCEEDS	.06	.29	.12
50 PERCENT EXCEEDS	.04	.11	.07
90 PERCENT EXCEEDS	.03	.04	.03

* Also occurred on Oct. 14 - 16.

** Also occurred on many days in June and July 1986.

SAVANNAH RIVER BASIN

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.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations 1.0 mile upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	92	88	83	89	87	91	89	88	91	117	115
2	74	92	88	84	88	100	90	84	88	92	119	112
3	73	90	90	83	88	106	90	85	86	95	113	108
4	72	89	92	84	87	101	91	85	87	98	110	107
5	72	89	90	86	89	97	94	87	86	99	108	106
6	72	89	92	86	87	99	92	93	85	98	108	108
7	71	88	92	85	87	98	91	91	85	99	109	107
8	71	88	91	70	85	97	90	90	84	98	113	106
9	71	91	90	87	85	98	88	92	83	98	116	106
10	81	91	89	88	84	96	87	92	82	98	116	106
11	78	89	89	90	85	96	88	90	81	99	115	107
12	91	89	89	90	86	97	88	90	81	111	115	108
13	76	94	88	89	87	98	88	90	81	117	114	108
14	75	90	88	89	87	96	87	89	81	117	117	108
15	75	90	88	88	88	95	86	90	81	118	118	107
16	75	92	87	88	87	94	87	90	82	117	116	107
17	73	90	87	87	86	93	90	90	82	113	117	108
18	73	89	85	87	86	92	89	89	83	116	116	110
19	72	90	85	88	84	91	90	90	84	116	117	110
20	71	89	85	88	80	91	90	89	83	115	116	110
21	72	89	87	89	86	89	88	89	84	115	116	109
22	85	87	85	88	87	90	84	90	84	116	116	103
23	101	88	84	87	87	90	82	89	83	117	117	91
24	91	88	85	90	86	90	82	87	83	116	118	92
25	91	88	85	90	86	88	83	87	83	110	122	98
26	92	78	84	87	86	89	85	87	84	107	121	96
27	93	69	84	87	86	89	89	88	86	106	118	93
28	92	81	84	88	86	89	89	88	87	105	118	92
29	91	88	84	87	---	95	86	89	89	107	117	92
30	91	90	83	95	---	95	92	89	90	108	117	91
31	93	---	83	91	---	92	---	89	---	109	117	---
TOTAL	2482	2647	2701	2699	2415	2918	2647	2757	2526	3321	3587	3121
MEAN	80.1	88.2	87.1	87.1	86.2	94.1	88.2	88.9	84.2	107	116	104
MAX	101	94	92	95	89	106	94	93	90	118	122	115
MIN	71	69	83	70	80	87	82	84	81	91	108	91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1991, BY WATER YEAR (WY)

	84.5	79.1	76.5	71.7	74.8	79.6	82.0	83.0	87.3	94.0	94.6	91.4
MEAN	84.5	79.1	76.5	71.7	74.8	79.6	82.0	83.0	87.3	94.0	94.6	91.4
MAX	100	101	97.7	94.8	98.1	101	100	107	109	113	113	107
(WY)	1987	1986	1983	1983	1983	1982	1983	1976	1975	1974	1975	1975
MIN	60.2	58.5	62.7	24.4	56.5	63.8	59.6	55.8	59.3	68.9	77.5	71.3
(WY)	1989	1977	1990	1975	1978	1978	1990	1990	1988	1989	1983	1989

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1974 - 1991

ANNUAL TOTAL	26534	33821	
ANNUAL MEAN	72.7	92.7	82.7
HIGHEST ANNUAL MEAN			92.1
LOWEST ANNUAL MEAN			66.6
HIGHEST DAILY MEAN	105	122	130
LOWEST DAILY MEAN	51	69	14
INSTANTANEOUS PEAK FLOW		181	224
INSTANTANEOUS PEAK STAGE		3.30	3.38
10 PERCENT EXCEEDS	91	114	103
50 PERCENT EXCEEDS	74	89	85
90 PERCENT EXCEEDS	58	83	62

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, 33.0°C, May 30; minimum, 9.5°C, Jan. 26, 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.5	25.5	26.5	20.5	18.5	20.0	18.0	16.5	17.5	16.0	14.5	15.5
2	28.0	26.5	27.5	21.5	19.5	20.5	18.0	17.5	18.0	15.5	14.5	15.0
3	28.5	27.5	28.0	21.5	19.5	20.5	19.0	18.0	18.5	15.0	14.5	15.0
4	28.5	27.5	28.0	23.0	20.0	21.5	19.0	17.5	18.5	15.5	13.5	14.5
5	28.0	26.5	27.0	23.0	22.5	23.0	17.5	16.5	17.0	14.5	14.0	14.0
6	28.0	26.0	27.0	23.5	22.0	22.5	16.0	15.0	15.5	15.0	14.0	14.5
7	29.0	27.5	28.0	23.0	21.0	22.0	16.0	14.5	15.0	15.5	14.0	15.0
8	28.5	27.0	28.0	21.5	19.5	21.0	15.5	14.0	15.0	15.0	14.0	14.5
9	28.5	27.0	28.0	19.5	18.5	19.0	15.5	13.5	14.5	14.5	14.0	14.0
10	28.0	24.0	26.5	20.0	17.5	18.5	15.5	14.0	14.5	14.5	13.5	14.0
11	26.0	24.5	25.5	20.0	18.0	19.0	15.5	14.5	15.0	14.0	13.5	13.5
12	25.0	22.5	24.5	20.5	18.5	19.0	15.0	13.5	14.5	14.5	12.0	13.5
13	25.0	24.5	24.5	18.5	17.0	18.0	15.0	13.5	14.5	13.5	12.0	13.0
14	25.0	24.0	24.5	18.5	17.5	18.0	15.5	15.0	15.0	13.0	11.5	12.5
15	25.5	24.0	25.0	19.0	17.5	18.0	17.0	15.0	16.0	13.0	11.5	12.0
16	25.5	24.0	24.5	19.5	18.0	18.5	17.5	16.5	17.0	14.5	12.5	14.0
17	24.5	22.5	24.0	20.0	19.0	19.5	18.5	17.5	18.0	14.5	13.5	14.0
18	25.0	24.5	24.5	19.0	17.5	18.5	18.0	16.5	17.5	14.5	13.0	13.5
19	24.5	23.0	23.5	19.5	17.5	18.0	18.0	17.5	17.5	13.0	12.5	12.5
20	23.0	21.0	21.5	19.5	18.0	18.5	17.5	16.0	17.0	13.0	12.5	13.0
21	22.5	21.5	22.0	19.0	18.0	18.5	17.5	16.0	17.0	13.0	12.0	12.5
22	23.0	21.0	22.5	19.0	17.5	18.0	17.5	17.0	17.0	12.0	11.0	11.5
23	23.0	22.0	22.5	19.5	18.5	19.0	18.5	17.0	18.0	12.0	10.5	11.5
24	23.5	22.0	22.5	19.5	18.5	19.0	18.5	16.0	17.0	11.0	10.0	10.5
25	22.0	20.5	21.0	19.5	18.5	19.0	16.0	14.5	15.5	11.0	10.0	10.5
26	21.0	19.0	20.0	20.5	18.0	19.0	15.0	14.0	14.5	11.0	9.5	10.5
27	19.5	18.0	19.0	22.0	19.5	20.0	14.5	13.5	14.0	10.5	9.5	10.0
28	20.0	18.5	19.0	21.5	19.5	20.5	13.5	13.0	13.0	11.5	10.5	11.0
29	20.0	18.5	19.5	20.5	18.5	19.5	14.5	13.0	14.0	12.5	10.5	11.5
30	20.0	18.5	19.0	19.0	17.0	18.0	16.0	14.5	15.0	14.0	12.0	13.0
31	20.5	18.5	19.5	---	---	---	17.0	16.0	16.5	14.5	12.5	13.5
MONTH	29.0	18.0	24.0	23.5	17.0	19.5	19.0	13.0	16.0	16.0	9.5	13.0

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, 30.5°C, July 12 - 14; minimum, 7.5°C, Jan. 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.5	24.5	25.5	19.0	17.0	18.0	17.0	15.5	16.0	15.5	13.5	14.5
2	27.5	25.5	26.5	20.5	18.0	19.0	18.0	16.5	17.0	14.5	13.5	14.0
3	28.0	26.0	27.0	20.5	18.5	19.5	18.5	17.5	18.0	14.0	14.0	14.0
4	28.0	27.0	27.5	21.5	15.5	19.0	18.5	17.0	17.5	14.5	13.0	14.0
5	27.0	26.0	26.5	23.0	21.0	22.0	17.0	15.0	16.0	14.0	13.0	13.5
6	27.0	24.5	26.0	22.0	21.0	21.5	15.0	14.0	14.5	14.5	13.5	14.0
7	28.5	26.5	27.5	22.0	20.0	21.0	15.0	13.5	14.0	15.5	14.0	14.5
8	28.0	26.5	27.5	20.5	19.0	20.0	14.5	13.5	14.0	14.5	13.5	13.5
9	28.0	26.0	27.0	19.0	17.0	18.0	14.5	13.0	13.5	13.5	13.0	13.0
10	27.5	23.0	26.0	18.0	16.5	17.0	14.5	12.5	13.5	13.5	13.0	13.0
11	25.0	23.0	24.0	18.5	17.0	17.5	14.5	13.5	14.0	13.5	13.0	13.0
12	22.5	21.5	22.0	18.5	16.5	17.5	14.0	13.0	13.5	13.5	12.0	13.0
13	21.5	21.0	21.5	17.5	16.5	17.0	14.5	12.5	14.0	12.5	11.0	12.0
14	21.5	21.0	21.0	17.5	16.0	17.0	14.5	14.0	14.5	12.0	10.5	11.5
15	21.0	21.0	21.0	18.0	16.0	17.0	16.0	14.0	15.0	12.5	10.0	11.5
16	21.0	20.5	21.0	18.5	17.0	17.5	17.0	15.5	16.0	14.5	12.0	13.0
17	21.0	21.0	21.0	19.0	18.0	18.5	17.5	16.5	17.0	13.5	12.5	13.0
18	22.5	21.0	21.5	18.0	17.0	17.5	18.0	17.0	17.0	13.5	12.0	12.5
19	21.5	19.5	20.0	18.0	16.0	17.0	17.5	17.0	17.0	12.0	11.5	12.0
20	20.5	18.0	19.5	18.5	16.5	17.5	17.0	15.5	16.5	12.5	11.5	12.0
21	21.0	17.0	19.0	18.5	17.0	17.5	16.5	15.0	16.0	12.0	11.0	11.5
22	22.5	19.5	21.0	18.0	16.5	17.0	17.0	16.5	17.0	11.0	9.5	10.0
23	20.5	20.0	20.0	19.0	17.5	18.0	18.5	17.0	17.5	11.0	8.5	9.5
24	21.0	20.0	20.5	18.5	18.0	18.0	18.0	15.0	16.5	10.5	8.5	9.5
25	20.0	19.0	19.5	18.5	17.0	18.0	15.0	13.5	14.0	10.0	8.5	9.0
26	19.0	16.0	18.0	19.5	16.5	18.0	14.0	13.5	13.5	10.0	8.5	9.0
27	16.0	15.0	15.5	20.5	18.0	19.0	13.5	12.5	13.0	10.0	7.5	9.0
28	17.0	15.0	16.0	20.5	19.5	20.0	13.0	12.0	12.5	11.0	9.5	10.0
29	18.0	16.5	17.0	20.0	18.0	19.0	14.0	12.5	13.0	12.0	10.5	11.0
30	18.5	16.5	17.5	18.0	16.5	17.0	15.5	14.0	14.5	13.0	11.5	12.0
31	18.5	16.5	17.5	---	---	---	16.0	15.5	16.0	13.0	11.0	11.5
MONTH	28.5	15.0	22.0	23.0	15.5	18.5	18.5	12.0	15.0	15.5	7.5	12.0

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, 24.5°C, July 15, 16, 24 - 30; minimum, 7.0°C, Jan. 27, Feb. 17.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SAVANNAH RIVER BASIN
02197330 SITE NO. 1 AT SAVANNAH RIVER SITE, SC

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.

DRAINAGE AREA.--0.13 mi².

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct 10 - 12, 22, Mar. 1, 3, 29, Apr. 27, 29, May 9, 31, July 4, 18, 19, 28 - 30, Aug. 1, Sept. 25. Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.63	.44	.79	.78	.65	1.1	1.1	.82	.39	.52	6.4	.58
2	.31	1.3	.44	.48	.80	2.0	.60	.75	.69	1.2	2.6	.22
3	.89	.80	.76	.74	.73	3.9	.88	1.1	.36	1.9	1.3	.52
4	.75	.50	.59	.72	.48	.84	.81	.92	.59	2.3	1.6	.25
5	.70	1.0	.88	.67	.80	.72	1.7	1.2	.60	.60	.89	.25
6	.48	.40	.75	.58	.47	.79	.76	.87	.58	.48	1.1	.28
7	.60	.36	.90	.70	2.5	.77	.74	.49	.89	.19	.91	.68
8	.40	.40	.81	.78	.84	.79	.89	.77	.65	.50	1.1	.16
9	.89	1.3	.67	.80	.93	.68	.86	1.3	.62	.24	1.5	.60
10	5.1	.43	.74	.76	.55	.74	.87	.50	.68	.44	.89	.20
11	3.1	.37	.75	2.1	1.4	.75	2.0	.77	.43	.71	1.3	.14
12	8.2	.39	.73	.53	1.5	.81	.88	.73	.69	.76	1.4	.37
13	3.1	.71	.75	.80	1.6	1.2	.80	.78	.70	.45	.92	.13
14	.56	.46	.92	1.0	1.1	.81	.79	.76	.90	.69	2.3	.17
15	.64	.46	.80	.93	.76	.83	.91	.65	.34	.79	1.0	.11
16	1.3	.72	.39	.98	.45	.48	.78	.59	.46	1.9	.74	.44
17	1.0	.28	.72	.82	.42	.48	.79	.65	.77	1.3	1.0	.19
18	1.1	.56	.76	.96	.78	.89	.81	1.0	.55	2.6	.83	.17
19	1.2	.42	.55	2.5	.73	.56	.67	.42	.57	2.3	.89	.18
20	.64	.46	1.3	1.5	.99	.81	.84	.73	.62	.83	1.1	1.1
21	.58	.69	.73	.66	.76	.83	.63	.72	.41	.58	.84	.29
22	3.8	.59	.68	1.0	1.1	.51	.94	.67	.36	.60	1.2	.40
23	2.8	.39	.93	.74	1.6	.74	.72	.77	.61	.39	.91	.15
24	.69	.39	.73	2.5	1.4	.71	.97	.38	.39	.67	.57	.18
25	.71	.63	.95	.80	1.1	.57	.75	.36	.46	1.0	1.6	1.7
26	.38	.46	.80	1.0	1.3	.83	.84	.71	.64	.53	1.1	.30
27	.65	.68	.78	.70	1.1	.41	2.8	.85	.65	.81	1.3	.46
28	.76	.45	1.0	.81	.57	.77	.81	.42	1.1	1.4	.28	.16
29	.62	.47	.74	1.4	---	2.5	1.5	.71	.66	2.5	.26	.37
30	.58	1.2	.71	4.7	---	.89	1.3	.48	.31	3.3	.54	.20
31	.62	---	.73	1.2	---	.74	---	1.5	---	1.4	.22	---
TOTAL	43.78	17.71	23.78	34.64	27.41	29.45	29.74	23.37	17.67	33.88	38.59	10.95
MEAN	1.41	.59	.77	1.12	.98	.95	.99	.75	.59	1.09	1.24	.36
MAX	8.2	1.3	1.3	4.7	2.5	3.9	2.8	1.5	1.1	3.3	6.4	1.7
MIN	.31	.28	.39	.48	.42	.41	.60	.36	.31	.19	.22	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1991, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	1.20	1.20	1.31	1.41	1.38	1.24	1.28	1.20	1.18	1.19	1.30	1.22							
MAX	1.58	1.69	1.72	2.97	2.31	2.29	1.87	1.77	1.79	1.81	1.97	2.27							
(WY)	1974	1981	1982	1978	1980	1980	1975	1977	1976	1976	1974	1979							
MIN	.38	.59	.77	.61	.77	.72	.74	.58	.54	.78	.73	.36							
(WY)	1987	1991	1991	1989	1990	1988	1988	1988	1988	1988	1989	1991							

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1973 - 1991
ANNUAL TOTAL	323.34	330.97	
ANNUAL MEAN	.89	.91	1.25
HIGHEST ANNUAL MEAN			1.63
LOWEST ANNUAL MEAN			.91
HIGHEST DAILY MEAN	9.7 Aug 22	8.2 Oct 12	25 Jan 25 1978
LOWEST DAILY MEAN	.21 Jun 23	.11 Sep 15	.07 * Sep 6 1980
INSTANTANEOUS PEAK STAGE		7.39 Oct 22	7.82 Jan 19 1978
10 PERCENT EXCEEDS	1.3	1.5	1.8
50 PERCENT EXCEEDS	.74	.74	1.2
90 PERCENT EXCEEDS	.42	.38	.63

* Also occurred on June 29, 1988.

SAVANNAH RIVER BASIN

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.--October 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. 10 - 12, 22, 23, Nov. 7, 9, Jan. 11, 19, 30, Feb. 7, Mar. 1, 3, 13, 25, 29, Apr. 5, 8, 10, 11, 13, 19, 27, 29, May 5, 9, 18, 31, June 20, 28, July 3, 4, 16 - 19, 25, 27 - 30, Aug. 1, 9, 14, Sept. 1, 7, 25. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	.82	1.1	.96	.61	.81	.53	.47	.51	.47	7.0	.54
2	1.4	.93	1.3	.99	.46	.67	.36	.42	.46	.47	.53	.43
3	1.6	1.1	1.1	.96	.43	1.8	.50	.40	.46	1.0	.35	.41
4	1.4	1.1	1.1	.85	.52	.38	.72	.57	.57	1.7	.53	.37
5	1.2	1.1	1.1	.84	.44	.42	.70	.81	.57	.44	.47	.33
6	1.3	1.1	1.1	.72	.43	.33	.39	.60	.52	.38	.59	.39
7	1.4	1.5	1.1	.59	1.1	.35	.36	.54	.42	.35	.58	.54
8	1.3	1.3	1.1	1.0	.44	.32	.62	.49	.45	.45	.53	.38
9	1.2	1.8	.93	1.1	.38	.35	.43	1.0	.53	.39	.75	.73
10	12	.91	1.0	1.1	.39	.34	.57	.48	.48	.35	.52	.44
11	2.8	.99	1.1	2.0	.41	.40	.66	1.2	.46	.35	.49	.26
12	7.0	1.0	1.0	1.0	.41	.36	.50	1.2	.59	.39	.51	.27
13	1.2	1.3	1.1	.70	.39	.70	.70	1.1	.44	.46	.41	.29
14	1.4	1.3	1.0	.68	.40	.38	.55	.78	.59	.53	.86	.33
15	1.1	1.3	1.1	.57	.46	.37	.51	.48	1.1	.59	.39	.31
16	1.2	1.4	1.0	.81	.70	.49	.39	.42	.55	.86	.33	.28
17	.92	1.1	.99	.53	.60	.69	.48	.41	.50	.75	.32	.38
18	.93	1.2	.89	.89	.50	.41	.40	.75	.50	1.5	.33	.48
19	1.1	1.2	.79	1.4	.57	.39	.57	.47	.66	.98	.37	.31
20	1.2	1.2	1.0	.69	.46	.46	.46	.54	.75	.40	.30	.65
21	1.2	1.3	.88	.69	.40	.31	.36	.51	.46	.49	.40	.34
22	7.0	1.2	1.0	.65	.41	.41	.34	.53	.43	.34	.40	.37
23	1.8	1.3	.99	.69	.40	.36	.37	.50	.45	.42	.38	.46
24	.93	1.2	1.1	.92	.38	.49	.35	.52	.43	.41	.47	.56
25	1.1	1.3	1.2	.66	.34	.54	.36	.54	.69	.75	.75	1.8
26	.99	1.3	.86	.56	.35	.32	.33	.54	.75	.52	.56	.42
27	.86	1.1	.90	.47	.55	.54	1.5	.67	.48	.98	.43	.67
28	1.1	1.0	.84	.55	.54	.57	.34	.48	.92	1.4	.34	.66
29	1.1	1.0	.90	.61	---	1.4	.86	.53	.52	1.5	.29	.70
30	1.1	1.0	1.0	2.4	---	.38	.51	.53	.49	2.0	.31	.57
31	.76	---	.88	.70	---	.49	---	.98	---	.44	.31	---
TOTAL	60.79	35.35	31.45	27.28	13.47	16.23	15.72	19.46	16.73	22.06	20.80	14.67
MEAN	1.96	1.18	1.01	.88	.48	.52	.52	.63	.56	.71	.67	.49
MAX	12	1.8	1.3	2.4	1.1	1.8	1.5	1.2	1.1	2.0	7.0	1.8
MIN	.76	.82	.79	.47	.34	.31	.33	.40	.42	.34	.29	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1991, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991
MEAN	1.20	1.18	1.05	1.07	.98	1.02	.97
MAX	1.96	1.82	1.35	2.11	2.25	2.08	1.94
(WY)	1991	1987	1988	1987	1987	1987	1988
MIN	.57	.59	.62	.44	.45	.47	.40
(WY)	1985	1985	1989	1989	1989	1990	1989

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1985 - 1991
ANNUAL TOTAL	306.59	294.01	
ANNUAL MEAN	.84	.81	1.02
HIGHEST ANNUAL MEAN			1.58
LOWEST ANNUAL MEAN			.70
HIGHEST DAILY MEAN	12 Oct 10	12 Oct 10	12 Oct 10 1990
LOWEST DAILY MEAN	.11 Jul 16	.26 Sep 11	.11 Jul 16 1990
INSTANTANEOUS PEAK FLOW		Unknown Oct 22	Unknown Oct 22 1990
INSTANTANEOUS PEAK STAGE		5.29 Oct 22	5.29 Oct 22 1990
10 PERCENT EXCEEDS	1.3	1.3	1.9
50 PERCENT EXCEEDS	.70	.57	.86
90 PERCENT EXCEEDS	.33	.36	.42

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.--October 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 1, 10 - 30, Nov. 9, Dec. 16 to Jan. 1, 11, 30 to Feb. 11, Mar. 1 to May 12, 18, 31, June 20 to July 8, 16 to Sept. 30. Records poor. Discharge over 7.0 ft³/s are undefined. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	3.0	2.6	2.6	1.9	1.6	1.2	.92	1.2	1.0	15	.72
2	2.9	3.1	3.1	2.4	.90	1.4	.80	.84	.78	1.0	1.2	.75
3	2.8	3.5	2.6	2.8	.86	3.6	1.0	.80	.70	3.0	.80	.72
4	2.0	3.3	2.5	3.1	1.2	.80	1.4	1.1	.76	4.5	1.1	.70
5	1.1	3.5	2.5	3.0	1.6	.84	1.4	1.6	.69	1.8	1.0	.65
6	1.5	3.2	2.8	2.9	1.3	.70	.80	1.2	.64	.80	1.5	.68
7	2.1	3.6	3.2	2.8	3.6	.75	.72	1.1	.56	.70	1.4	.73
8	1.8	3.5	3.2	3.3	1.9	.64	1.1	1.0	.57	1.2	1.3	.69
9	1.6	3.3	2.7	2.8	1.2	.70	.86	2.5	.68	2.0	1.8	1.2
10	20	3.1	2.8	2.9	1.0	.68	1.2	1.0	.56	1.8	1.1	.72
11	4.5	3.0	2.9	3.0	1.1	.80	1.4	2.5	.56	1.7	1.0	.47
12	9.6	2.6	2.6	3.1	1.7	.80	1.0	2.4	.75	1.9	1.2	.51
13	2.6	3.2	3.2	2.6	1.5	1.5	1.4	1.6	.56	2.2	.82	.51
14	3.0	3.2	3.1	2.7	1.4	.75	1.2	1.1	.91	2.5	2.1	.58
15	2.6	3.2	3.4	3.1	1.3	.70	1.0	.74	1.9	2.7	.80	.57
16	2.7	3.6	2.8	3.5	1.8	1.2	.80	.63	.84	2.1	.66	.50
17	2.0	2.9	2.0	2.7	1.8	1.4	1.0	.62	.65	2.9	.64	.67
18	2.1	2.9	1.9	3.7	2.3	.90	.80	.75	.71	4.5	.66	.85
19	2.6	3.0	1.6	5.0	2.3	.80	1.2	.85	.97	2.5	.70	.57
20	2.6	2.7	2.1	4.3	1.6	1.0	1.2	.87	1.1	1.0	.60	1.1
21	2.4	2.8	2.0	3.5	1.2	.62	.72	.78	.78	1.2	.81	.60
22	10	3.0	2.2	3.2	1.2	.82	.68	.88	.78	.68	.82	.67
23	3.0	3.2	2.1	3.1	1.5	.80	.64	.78	.78	.84	.76	.80
24	2.2	3.2	3.0	5.2	1.7	1.0	7.0	.89	.72	.82	1.0	.95
25	2.6	3.0	3.2	3.5	1.4	1.2	.72	.97	1.2	1.7	1.6	2.3
26	2.0	3.3	2.0	3.3	1.2	.70	.66	.95	1.3	1.2	1.3	.73
27	1.9	2.8	2.5	3.1	1.6	1.2	3.5	1.4	.86	2.6	.86	1.1
28	2.3	2.6	2.0	3.0	1.6	1.5	.78	1.2	1.1	3.0	.68	1.1
29	2.2	2.4	2.5	3.3	---	3.2	2.0	.92	.90	3.2	.60	1.2
30	2.6	2.2	2.6	4.2	---	.80	1.1	1.7	.86	5.8	.61	.97
31	2.9	---	2.0	2.0	---	1.2	---	2.5	---	1.2	.63	---
TOTAL	106.6	91.9	79.7	99.7	43.66	34.60	39.28	37.09	25.37	64.04	45.05	24.31
MEAN	3.44	3.06	2.57	3.22	1.56	1.12	1.31	1.20	.85	2.07	1.45	.81
MAX	20	3.6	3.4	5.2	3.6	3.6	7.0	2.5	1.9	5.8	1.5	2.3
MIN	1.1	2.2	1.6	2.0	.86	.62	.64	.62	.56	.68	.60	.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1991, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991
MEAN	1.67	1.71	1.70	1.82	1.49	1.43	1.46
MAX	3.44	3.06	2.57	3.22	2.61	2.79	2.36
(WY)	1991	1991	1991	1991	1987	1987	1988
MIN	.62	.70	.82	.73	.67	.69	.63
(WY)	1986	1985	1985	1989	1989	1989	1985

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1985 - 1991

ANNUAL TOTAL	748.92	691.30	
ANNUAL MEAN	2.05	1.89	
HIGHEST ANNUAL MEAN			1.51
LOWEST ANNUAL MEAN			1.96
HIGHEST DAILY MEAN	20	20	.84
LOWEST DAILY MEAN	.15	.47	.15
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		* 3.83	4.16
10 PERCENT EXCEEDS	3.2	3.2	2.6
50 PERCENT EXCEEDS	1.9	1.4	1.3
90 PERCENT EXCEEDS	.82	.68	.64

* May have been higher during period of no gage height record on Oct. 12.

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.--October 1972 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. 6, 12, 22 - 24, Apr. 18, 19, 27, 29, July 4, 18, 31, Aug. 1, 2, Sept. 15 - 20, 22 - 27, 29, 30, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	5.9	8.8	6.9	25	14	16	15	7.7	6.2	122	7.6
2	2.2	6.4	7.8	12	18	48	14	11	6.2	5.0	155	6.7
3	2.4	6.8	7.8	7.3	15	84	12	9.4	5.7	5.8	73	6.1
4	1.9	6.9	7.6	7.8	13	64	12	9.2	5.7	72	36	5.6
5	1.5	8.2	8.2	6.2	12	33	21	15	4.5	27	21	5.5
6	1.9	7.5	7.9	6.0	11	21	18	26	4.5	11	16	5.4
7	1.8	7.8	8.6	6.1	40	18	13	15	4.4	8.5	12	6.1
8	1.5	8.6	12	7.2	26	16	14	11	4.3	7.3	11	5.5
9	1.6	15	8.7	6.2	19	14	15	13	4.2	5.4	14	5.4
10	46	19	8.3	5.9	14	12	13	14	4.0	5.0	12	4.8
11	54	10	8.0	23	13	12	12	12	3.5	5.0	11	4.2
12	147	8.1	7.6	13	12	12	11	9.4	3.9	4.6	14	4.3
13	60	8.7	7.7	7.6	12	18	11	9.7	3.7	4.2	14	4.0
14	20	8.1	7.5	6.9	10	16	11	8.8	4.6	4.2	20	3.9
15	12	8.0	7.9	7.6	10	13	11	7.6	6.4	4.4	16	4.1
16	9.6	10	7.0	9.5	10	13	11	6.8	4.3	10	11	4.2
17	7.2	7.7	7.0	6.9	10	13	11	6.8	3.7	13	9.2	4.0
18	6.6	7.8	6.8	7.9	11	13	11	9.2	3.9	28	8.6	3.8
19	6.4	7.4	7.0	20	11	14	12	10	4.0	46	8.2	3.7
20	5.3	6.9	10	22	9.6	12	9.3	8.6	4.1	19	7.7	4.3
21	4.7	7.7	9.6	12	9.2	12	8.6	8.2	4.6	14	8.0	3.6
22	12	8.0	7.4	11	11	11	7.5	7.9	3.4	11	12	3.5
23	46	8.2	7.1	8.9	14	11	6.7	8.0	3.4	9.1	6.4	3.4
24	25	7.9	7.2	27	13	12	6.5	7.2	3.1	8.5	6.8	3.4
25	16	8.1	6.9	19	11	10	5.6	6.9	3.4	15	14	90
26	12	7.9	6.5	12	17	9.3	5.7	7.2	3.7	9.1	21	12
27	7.9	7.7	6.7	9.3	11	8.8	29	8.9	7.9	13	11	8.6
28	7.2	7.9	6.6	9.5	9.7	9.0	40	8.0	11	29	7.6	7.0
29	6.9	7.8	6.7	11	---	38	22	6.7	8.2	52	6.9	5.8
30	6.4	8.5	6.5	72	---	46	28	6.3	5.3	88	6.3	4.8
31	5.9	---	6.4	49	---	21	---	14	---	81	5.9	---
TOTAL	541.4	254.5	239.8	436.7	397.5	648.1	417.9	316.8	147.3	621.3	697.6	241.3
MEAN	17.5	8.48	7.74	14.1	14.2	20.9	13.9	10.2	4.91	20.0	22.5	8.04
MAX	147	19	12	72	40	84	40	26	11	88	155	90
MIN	1.5	5.9	6.4	5.9	9.2	8.8	5.6	6.3	3.1	4.2	5.9	3.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1991, BY WATER YEAR (WY)

	MEAN	5.04	5.67	6.91	8.74	11.7	11.8	9.46	7.17	5.08	5.61	6.04	5.46
MAX	17.5	11.9	12.8	17.3	31.2	24.5	20.0	22.2	9.11	20.0	22.5	14.0	
(WY)	1991	1980	1977	1978	1973	1980	1973	1984	1984	1991	1991	1979	
MIN	2.42	3.62	3.18	3.15	3.46	4.70	3.79	2.32	2.16	1.75	2.03	2.61	
(WY)	1986	1985	1989	1989	1989	1990	1985	1985	1990	1980	1980	1985	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1973 - 1991

ANNUAL TOTAL	2175.6	4960.2	7.01	
ANNUAL MEAN	5.96	13.6	13.6	1991
HIGHEST ANNUAL MEAN			4.18	1985
LOWEST ANNUAL MEAN				
HIGHEST DAILY MEAN	147	155	155	Aug 2 1991
LOWEST DAILY MEAN	1.2	1.5 *	.61	Jun 6 1974
INSTANTANEOUS PEAK FLOW		Unknown	Unknown	Aug 1 1991
INSTANTANEOUS PEAK STAGE		5.99	5.99	Aug 1 1991
10 PERCENT EXCEEDS	8.6	22	13	
50 PERCENT EXCEEDS	4.1	8.6	5.2	
90 PERCENT EXCEEDS	2.0	4.2	2.8	

* Also occurred on Oct. 8.

SAVANNAH RIVER BASIN

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.--October 1972 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 195 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	10	10	6.3	21	7.6	17	20	9.9	4.1	113	9.8
2	3.4	10	9.0	10	16	36	13	13	6.6	3.7	90	11
3	3.6	10	8.8	7.4	13	55	11	9.1	5.2	5.2	62	7.6
4	3.7	10	8.7	7.3	12	40	12	8.9	5.8	24	41	7.4
5	2.4	11	8.5	6.4	11	32	22	9.5	3.9	31	33	6.8
6	2.4	10	8.7	5.9	13	22	21	20	3.9	9.8	21	6.4
7	2.7	10	8.5	5.7	30	19	13	17	3.6	7.5	17	8.1
8	2.8	11	14	6.6	22	18	13	12	3.8	6.4	16	7.8
9	2.6	9.6	9.0	5.3	17	15	16	13	4.2	5.0	18	6.9
10	35	26	8.1	5.0	14	13	12	16	3.9	3.7	18	6.5
11	53	15	8.0	18	13	12	11	13	3.6	3.5	17	5.0
12	51	11	7.7	14	13	13	9.2	10	3.7	3.6	20	4.9
13	33	12	8.2	7.5	14	20	9.3	10	4.0	3.7	19	5.0
14	27	12	7.7	6.3	11	17	9.1	9.3	4.9	3.1	29	5.6
15	16	10	7.2	7.2	11	13	10	7.5	8.1	3.2	24	5.4
16	11	13	7.5	11	10	12	10	6.4	5.2	8.8	16	5.8
17	7.0	11	7.0	7.8	10	12	9.1	6.7	4.5	12	13	5.9
18	5.7	9.6	7.3	8.2	11	13	10	9.8	5.2	17	13	5.9
19	4.3	9.5	7.6	17	10	12	10	12	3.5	13	12	5.8
20	2.0	9.4	11	21	9.0	10	8.8	8.1	3.2	10	10	5.7
21	3.8	9.6	10	13	8.1	9.2	8.1	7.9	4.6	9.2	9.0	6.0
22	10	8.8	7.7	11	9.2	8.6	6.7	7.0	3.2	8.3	15	5.3
23	94	9.7	7.4	9.1	13	8.5	6.3	7.1	3.1	8.0	8.1	4.9
24	35	9.8	7.3	21	11	8.2	5.8	6.6	2.8	6.4	8.1	4.9
25	25	9.8	7.1	19	9.9	8.0	4.8	6.2	2.3	15	16	29
26	24	8.8	6.6	13	14	7.1	5.1	5.9	2.5	8.2	25	21
27	18	9.0	6.3	11	9.4	7.1	11	8.8	6.6	14	15	11
28	15	8.8	6.1	10	8.0	7.7	15	7.8	8.8	25	11	7.8
29	15	10	6.8	13	---	29	22	5.9	8.4	45	8.7	5.7
30	12	8.7	6.2	48	---	35	26	7.0	3.8	71	8.7	4.6
31	11	---	7.1	37	---	23	---	13	---	69	8.5	---
TOTAL	535.5	323.1	251.1	389.0	363.6	543.0	357.3	314.5	142.8	457.4	735.1	233.5
MEAN	17.3	10.8	8.10	12.5	13.0	17.5	11.9	10.1	4.76	14.8	23.7	7.78
MAX	94	26	14	48	30	55	26	20	9.9	71	113	29
MIN	2.0	8.7	6.1	5.0	8.0	7.1	4.8	5.9	2.3	3.1	8.1	4.6

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1991, BY WATER YEAR (WY)

	MEAN	6.15	7.08	7.46	9.60	12.3	12.5	9.74	8.01	6.13	6.32	7.54	6.33
MAX	17.3	12.3	13.3	20.7	32.4	24.2	21.3	25.5	13.5	14.8	23.7	15.7	
(WY)	1991	1980	1977	1987	1973	1973	1984	1984	1973	1991	1991	1979	
MIN	2.73	3.82	2.89	3.74	3.51	2.45	3.78	2.45	2.80	2.16	2.61	2.41	
(WY)	1986	1985	1989	1989	1989	1990	1990	1985	1990	1980	1989	1985	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1973 - 1991

ANNUAL TOTAL	2503.3	4645.9	
ANNUAL MEAN	6.86	12.7	
HIGHEST ANNUAL MEAN			8.02
LOWEST ANNUAL MEAN			12.7
HIGHEST DAILY MEAN	155	113	155
LOWEST DAILY MEAN	1.9	2.0	1.6
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		6.70	6.70
10 PERCENT EXCEEDS	12	22	15
50 PERCENT EXCEEDS	4.0	9.5	6.3
90 PERCENT EXCEEDS	2.2	4.3	3.2

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.--October 1972 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. 12, 22 - 26, Nov. 11 to Dec. 11, Dec. 14 - 17, 22 - 26, Dec. 29 to Jan. 1, Jan. 7 - 14, Mar. 24, 25, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.90	1.9	1.9	2.1	2.3	4.3	1.8	4.1	1.8	2.0	21	1.8
2	1.0	2.0	1.8	2.1	2.5	4.5	1.9	3.0	1.7	2.1	2.6	.93
3	1.3	2.0	2.0	2.2	2.3	12	2.5	2.3	1.4	3.6	1.7	1.0
4	3.0	1.8	2.2	1.9	2.2	2.4	2.9	2.3	1.4	12	1.1	1.0
5	2.6	2.5	2.0	1.8	2.2	2.2	3.5	4.0	1.4	1.5	1.2	.74
6	1.2	2.4	1.9	1.9	2.4	2.3	2.0	1.8	1.4	1.1	1.3	.72
7	.94	2.3	2.0	2.0	5.6	2.3	1.8	1.8	1.7	1.5	1.1	2.9
8	1.5	4.1	1.9	2.2	2.5	2.3	2.0	3.4	2.5	2.8	1.3	1.4
9	1.4	4.7	1.7	2.0	2.4	1.9	2.0	3.6	2.6	2.1	1.5	2.6
10	15	2.8	1.6	1.7	2.2	2.0	1.9	4.0	3.7	1.6	1.3	2.4
11	9.1	2.4	1.4	1.9	2.2	2.1	1.8	4.1	3.2	1.6	.79	1.5
12	48	2.4	1.5	2.4	2.1	2.1	1.8	3.8	2.7	1.5	2.1	1.5
13	2.3	2.6	1.4	2.9	2.4	3.1	1.7	2.8	2.9	1.4	.70	1.6
14	3.1	2.5	2.0	3.1	2.8	2.1	1.8	3.0	3.5	1.4	2.7	2.7
15	2.6	2.7	1.8	2.8	3.0	2.1	2.3	3.0	3.1	1.5	.73	1.5
16	2.4	2.3	1.9	2.6	2.5	2.0	2.0	2.9	3.0	4.5	.73	2.5
17	.99	2.2	2.1	2.3	2.5	2.2	2.6	2.8	4.1	3.0	.72	2.2
18	1.2	2.3	2.5	2.1	2.6	2.4	2.4	3.6	4.5	11	1.2	1.7
19	1.7	2.4	2.4	4.9	2.6	2.0	2.0	2.4	3.3	8.3	1.0	1.8
20	1.8	2.5	3.1	2.5	2.5	2.0	1.7	2.6	2.7	2.8	.75	1.5
21	2.3	2.1	2.3	2.1	2.4	2.0	1.8	2.7	3.6	2.6	.74	1.3
22	3.2	2.0	2.2	2.0	2.5	2.1	2.0	1.8	3.2	1.3	.72	1.3
23	9.0	2.1	2.2	2.1	2.6	2.1	2.1	1.8	3.5	1.3	.65	1.3
24	7.0	1.9	2.1	5.1	2.3	2.2	2.0	2.0	3.4	1.3	.65	1.4
25	5.0	1.9	2.1	2.6	2.4	2.1	2.0	1.9	2.1	2.4	1.3	8.0
26	4.0	1.8	1.9	2.8	2.8	2.1	2.2	1.9	2.4	1.4	1.1	1.9
27	3.6	1.9	1.7	2.5	2.5	2.2	20	2.7	1.9	5.8	1.0	2.1
28	2.4	2.0	1.7	2.3	2.1	2.3	5.7	1.9	4.5	7.0	.73	1.4
29	1.6	2.8	1.6	2.9	---	11	11	2.3	1.4	2.7	.73	1.3
30	1.9	2.1	1.6	9.9	---	2.0	5.6	2.5	1.5	14	.75	1.2
31	2.3	---	1.5	2.4	---	1.8	---	5.9	---	1.7	.93	---
TOTAL	144.33	71.4	60.0	84.1	71.4	90.2	96.8	88.7	80.1	108.8	54.82	55.19
MEAN	4.66	2.38	1.94	2.71	2.55	2.91	3.23	2.86	2.67	3.51	1.77	1.84
MAX	48	4.7	3.1	9.9	5.6	12	20	5.9	4.5	14	21	8.0
MIN	.90	1.8	1.4	1.7	2.1	1.8	1.7	1.8	1.4	1.1	.65	.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1991, BY WATER YEAR (WY)

	MEAN	2.86	2.71	2.79	2.97	3.19	2.88	2.66	2.66	2.85	2.72	2.72	2.57
MAX	4.66	3.79	4.06	4.07	4.68	4.06	3.55	4.28	4.29	4.16	4.84	4.24	
(WY)	1991	1983	1990	1986	1985	1989	1989	1984	1984	1984	1988	1989	
MIN	2.03	1.94	1.89	1.91	2.17	2.17	1.98	1.77	1.96	1.42	1.77	1.08	
(WY)	1976	1981	1980	1979	1980	1982	1981	1981	1980	1990	1991	1990	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1973 - 1991
ANNUAL TOTAL	1020.51	1005.84	
ANNUAL MEAN	2.80	2.76	2.85
HIGHEST ANNUAL MEAN			3.74
LOWEST ANNUAL MEAN			2.27
HIGHEST DAILY MEAN	48	48	48
LOWEST DAILY MEAN	.46	.65	.46
INSTANTANEOUS PEAK FLOW		410	410
INSTANTANEOUS PEAK STAGE		8.07	8.07
10 PERCENT EXCEEDS	3.9	4.0	4.0
50 PERCENT EXCEEDS	2.4	2.1	2.5
90 PERCENT EXCEEDS	.94	1.3	1.8

* Also occurred on Aug. 24.

SAVANNAH RIVER BASIN

02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'29'', long 81°40'06'', Aiken County, Hydrologic Unit 0306106, on right bank, 100 ft east of SRS Road C, 300 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--0.57 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 194 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Prior to Oct. 23, 1990, at datum 1.0 ft higher.

REMARKS.--Estimated daily discharges, Oct. 10 to Nov. 1, Dec. 28 to Jan. 15, 31, Feb. 10 - 18, Mar. 26 to Apr. 17, 27, July 30. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.81	2.7	2.0	2.6	2.9	3.6	2.4	3.1	2.0	1.8	12	3.2
2	.89	2.8	2.0	2.5	3.1	4.9	2.8	2.5	1.9	1.5	10	2.4
3	1.1	2.8	2.2	2.6	2.9	9.4	3.2	2.2	1.7	3.2	2.5	2.4
4	2.6	2.7	2.3	2.4	2.6	3.3	3.9	2.1	1.6	6.0	2.1	2.4
5	2.4	3.0	2.5	2.1	2.5	3.0	3.5	3.2	1.6	1.7	2.1	2.1
6	1.0	3.0	2.3	2.2	2.8	2.9	2.6	2.4	1.6	1.2	2.1	2.0
7	.82	2.8	2.5	2.4	5.4	2.9	2.2	2.2	1.7	1.2	2.0	2.9
8	1.2	3.9	2.4	2.7	2.8	2.9	2.5	3.0	2.0	2.0	2.4	2.1
9	1.3	4.4	2.0	2.5	2.6	2.4	2.6	3.3	2.0	1.8	2.8	2.4
10	12	3.3	1.9	2.4	2.5	2.5	2.4	3.6	2.5	1.4	2.6	2.5
11	11	2.5	2.0	2.7	2.4	2.6	2.2	3.7	2.2	1.5	2.2	1.9
12	25	2.6	2.3	3.1	2.7	2.6	2.1	3.6	2.0	1.4	3.3	1.9
13	20	2.8	2.1	3.5	3.2	3.7	2.2	2.8	2.2	1.4	2.1	1.9
14	3.9	2.7	2.3	3.7	3.5	2.7	2.5	2.9	2.5	1.4	4.0	2.4
15	4.5	2.8	2.0	3.8	3.3	2.7	2.4	2.8	2.3	1.5	2.2	1.9
16	4.0	2.4	2.1	3.7	3.0	2.6	3.1	2.7	2.3	3.2	2.1	2.2
17	2.5	2.4	2.3	3.2	3.1	2.7	3.0	2.6	2.6	2.7	2.1	2.2
18	1.5	2.4	2.7	2.8	3.2	2.9	3.0	3.3	3.2	6.1	2.4	1.9
19	2.0	2.5	2.6	5.4	4.7	2.5	2.5	2.6	2.3	4.8	2.1	1.9
20	2.1	2.6	3.0	3.6	3.3	2.4	2.2	2.5	2.2	2.5	2.0	1.7
21	2.5	2.4	2.3	2.9	3.2	2.4	2.4	2.7	2.5	2.4	2.0	1.5
22	3.5	2.2	2.3	2.8	3.1	2.4	2.9	2.1	2.4	1.7	2.0	1.5
23	8.0	2.3	2.3	2.9	3.0	2.5	3.2	2.1	2.6	1.5	1.9	1.6
24	7.5	2.2	2.3	6.3	2.6	2.5	2.6	2.2	2.6	1.5	1.9	1.7
25	7.0	2.2	2.3	3.6	2.7	2.7	2.4	2.2	2.0	2.3	2.8	4.7
26	5.4	2.2	2.4	3.9	3.1	2.9	2.5	2.1	1.9	1.6	2.5	2.0
27	4.3	2.1	2.5	3.6	3.0	2.7	9.0	2.6	2.3	3.8	2.6	2.2
28	3.5	2.2	2.3	3.9	2.5	3.5	3.2	2.1	3.2	4.0	2.3	1.8
29	2.3	2.9	1.9	4.2	---	5.2	4.9	2.1	1.6	2.8	2.3	1.7
30	2.6	2.3	2.1	9.1	---	4.0	4.2	2.3	1.5	8.8	2.3	1.7
31	2.9	---	2.4	3.2	---	2.5	---	3.7	---	2.4	2.5	---
TOTAL	150.12	80.1	70.6	106.3	85.7	98.5	90.6	83.3	65.0	81.1	90.2	64.7
MEAN	4.84	2.67	2.28	3.43	3.06	3.18	3.02	2.69	2.17	2.62	2.91	2.16
MAX	25	4.4	3.0	9.1	5.4	9.4	9.0	3.7	3.2	8.8	12	4.7
MIN	.81	2.1	1.9	2.1	2.4	2.4	2.1	2.1	1.5	1.2	1.9	1.5

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1991, BY WATER YEAR (WY)

	3.39	3.37	3.52	3.59	3.77	3.36	3.23	2.97	3.27	3.02	3.19	2.95
MEAN	3.39	3.37	3.52	3.59	3.77	3.36	3.23	2.97	3.27	3.02	3.19	2.95
MAX	4.84	4.87	4.47	4.62	5.00	4.26	5.38	5.79	4.77	4.71	5.30	4.79
(WY)	1991	1984	1985	1986	1985	1983	1984	1984	1985	1984	1984	1989
MIN	2.04	2.11	2.28	2.30	2.77	2.58	2.22	1.89	1.73	1.46	1.62	.93
(WY)	1990	1990	1991	1981	1981	1981	1981	1980	1980	1990	1980	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1980 - 1991

ANNUAL TOTAL	895.87	1066.22	
ANNUAL MEAN	2.45	2.92	
HIGHEST ANNUAL MEAN			3.35
LOWEST ANNUAL MEAN			4.63
HIGHEST DAILY MEAN	25	25	2.22
LOWEST DAILY MEAN	.60	.81	2.22
INSTANTANEOUS PEAK FLOW		Unknown	2.22
INSTANTANEOUS PEAK STAGE		4.90	.60
10 PERCENT EXCEEDS	3.0	3.9	4.7
50 PERCENT EXCEEDS	2.5	2.5	3.0
90 PERCENT EXCEEDS	.93	1.8	2.0

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.--October 1972 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, Oct. 12, 22, Mar. 1, Apr. 1 - 29, July 18 - 22, Aug. 2 - 5, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.6	13	12	8.9	24	9.3	20	19	11	5.9	124	13
2	4.3	13	11	13	19	42	15	15	8.0	5.2	83	13
3	4.7	13	11	10	16	88	13	11	6.7	8.4	51	10
4	6.3	13	11	9.7	15	50	12	11	7.1	30	33	9.8
5	4.8	14	11	8.5	14	32	26	15	5.5	33	26	8.9
6	3.4	13	11	8.1	14	24	30	27	5.5	11	23	8.4
7	3.5	13	11	8.1	35	21	19	18	5.4	8.7	19	11
8	4.0	15	16	9.3	25	20	18	14	5.6	8.4	18	9.9
9	3.9	14	11	7.8	20	17	17	14	6.0	6.8	21	9.3
10	47	29	10	7.4	17	16	14	18	6.0	5.1	21	9.0
11	64	18	10	21	16	16	13	15	5.7	5.0	19	6.9
12	68	14	10	17	15	16	11	13	5.4	5.0	23	6.8
13	53	14	9.9	11	15	23	10	12	5.7	5.1	21	6.9
14	31	14	10	10	14	20	9.8	12	6.5	4.5	33	8.0
15	21	13	9.2	11	14	16	12	10	8.9	4.7	26	7.3
16	15	15	9.4	15	13	16	13	9.0	6.6	12	18	8.0
17	9.5	13	9.3	11	13	16	11	9.0	6.2	15	15	8.1
18	7.2	12	10	11	14	16	14	11	7.6	19	15	7.8
19	6.3	12	10	22	13	16	15	13	5.8	14	14	7.7
20	4.1	12	14	25	12	14	10	10	5.4	13	12	7.4
21	3.2	12	13	16	11	13	9.5	10	7.1	11	11	7.5
22	13	11	10	14	13	13	7.8	8.5	5.6	9.6	17	6.8
23	102	12	9.7	12	16	13	7.5	8.5	5.7	9.2	10	6.5
24	43	12	9.6	27	14	12	6.9	8.2	5.4	7.4	10	6.6
25	32	12	9.4	23	13	12	5.8	7.8	4.3	16	19	34
26	29	11	9.0	17	16	11	5.5	7.5	4.2	9.3	28	23
27	22	11	8.8	14	13	11	14	10	8.9	17	18	13
28	19	11	8.4	14	11	12	20	9.2	12	29	13	9.6
29	17	13	8.7	15	---	38	30	7.4	10	47	11	7.4
30	15	11	8.3	57	---	43	37	8.6	5.3	79	11	6.3
31	14	---	9.5	40	---	24	---	18	---	70	11	---
TOTAL	674.8	403	321.2	493.8	445	670.3	446.8	379.7	199.1	524.3	774	297.9
MEAN	21.8	13.4	10.4	15.9	15.9	21.6	14.9	12.2	6.64	16.9	25.0	9.93
MAX	102	29	16	57	35	68	37	27	12	79	124	34
MIN	3.2	11	8.3	7.4	11	9.3	5.5	7.4	4.2	4.5	10	6.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1991, BY WATER YEAR (WY)

	1973	1975	1979	1979	1989	1990	1990	1990	1990	1990	1980	1980	1990
MEAN	10.2	11.4	12.1	14.4	16.1	17.8	14.7	11.3	10.1	10.7	11.5	10.2	
MAX	21.8	20.5	18.8	24.4	32.4	30.3	32.1	33.5	21.1	18.3	25.0	18.1	
(WY)	1991	1980	1977	1987	1973	1980	1984	1984	1973	1984	1991	1979	
MIN	6.59	6.81	5.53	7.17	7.98	8.37	7.00	5.28	3.79	6.05	5.68	4.39	
(WY)	1973	1975	1979	1979	1989	1990	1990	1990	1990	1980	1980	1990	

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1973 - 1991
ANNUAL TOTAL	3671.1	5629.9	
ANNUAL MEAN	10.1	15.4	12.6
HIGHEST ANNUAL MEAN			18.6
LOWEST ANNUAL MEAN			9.16
HIGHEST DAILY MEAN	186	124	186
LOWEST DAILY MEAN	2.5	3.2	2.5
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		6.27	6.27
10 PERCENT EXCEEDS	16	27	20
50 PERCENT EXCEEDS	7.6	12	10
90 PERCENT EXCEEDS	3.5	6.0	6.2

SAVANNAH RIVER BASIN

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). Prior to October 1, 1990, at same site at datum 1.00 ft lower.

REMARKS.--Estimated daily discharges, Oct. 10 - 12, 22, 23, Nov. 9, Jan. 30, Feb. 7, Mar. 1, 3, 29, Apr. 5, 27, 29, May 31 to July 1, 4, 10 - 12, 16 - 19, 25, 27 - 30, Aug. 1, 2, Sept. 7, 11, 20, 21, 24, 25. Records poor. Flow completely regulated by Savannah River Site.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.05	.01	.03	.05	.08	.04	.03	.01	.00	1.2	.04
2	.03	.05	.01	.03	.05	.13	.03	.03	.01	.00	.10	.04
3	.02	.04	.01	.02	.04	.20	.03	.03	.01	.00	.06	.04
4	.03	.04	.01	.02	.04	.06	.03	.03	.01	.06	.05	.04
5	.03	.04	.01	.01	.04	.05	.07	.08	.01	.02	.05	.04
6	.02	.04	.01	.01	.04	.05	.04	.05	.01	.00	.05	.03
7	.02	.04	.02	.01	.10	.05	.04	.03	.01	.00	.05	.05
8	.02	.04	.05	.02	.05	.05	.04	.02	.01	.00	.05	.02
9	.02	.08	.03	.01	.05	.04	.04	.03	.01	.00	.06	.00
10	.21	.05	.02	.01	.05	.04	.03	.03	.01	.00	.06	.00
11	.13	.04	.02	.15	.05	.04	.03	.03	.01	.00	.05	.00
12	.58	.04	.02	.04	.05	.04	.03	.03	.01	.00	.11	.00
13	.07	.04	.02	.02	.04	.06	.03	.02	.03	.00	.04	.00
14	.06	.04	.02	.02	.04	.04	.03	.02	.01	.00	.11	.00
15	.06	.03	.02	.03	.04	.04	.04	.01	.01	.00	.05	.00
16	.06	.03	.02	.04	.04	.04	.03	.02	.01	.02	.04	.00
17	.06	.03	.02	.02	.05	.04	.03	.02	.01	.06	.03	.00
18	.06	.03	.02	.02	.04	.05	.02	.02	.01	.09	.03	.00
19	.06	.03	.03	.21	.04	.04	.04	.01	.01	.07	.03	.00
20	.05	.03	.10	.06	.04	.04	.04	.01	.01	.03	.02	.00
21	.05	.03	.03	.03	.04	.04	.04	.01	.01	.02	.02	.00
22	.21	.03	.02	.03	.04	.04	.03	.01	.01	.01	.02	.00
23	.11	.02	.02	.02	.05	.04	.03	.01	.01	.00	.01	.00
24	.06	.02	.02	.17	.04	.03	.03	.01	.01	.00	.03	.00
25	.06	.02	.02	.05	.04	.03	.03	.01	.02	.05	.12	.07
26	.06	.02	.02	.04	.04	.03	.03	.01	.02	.01	.05	.02
27	.05	.02	.02	.04	.04	.03	.07	.03	.02	.04	.04	.00
28	.05	.03	.02	.04	.04	.03	.05	.02	.02	.08	.02	.00
29	.05	.02	.02	.06	---	.10	.06	.01	.02	.08	.02	.00
30	.05	.02	.02	.19	---	.05	.05	.02	.01	.11	.04	.00
31	.04	---	.02	.06	---	.04	---	.01	---	.06	.04	---
TOTAL	2.41	1.04	0.70	1.51	1.27	1.64	1.13	0.70	0.37	0.81	2.65	0.39
MEAN	.078	.035	.023	.049	.045	.053	.038	.023	.012	.026	.085	.013
MAX	.58	.08	.10	.21	.10	.20	.07	.08	.03	.11	1.2	.07
MIN	.02	.02	.01	.01	.04	.03	.02	.01	.01	.00	.01	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
MEAN	.20	.24	.21	.30	.25	.21	.28	.28	.29	.23	.22	.21
MAX	.72	.86	.87	.86	.81	.75	.92	.91	1.06	1.03	1.10	1.09
(WY)	1985	1985	1985	1984	1985	1985	1984	1985	1984	1984	1984	1984
MIN	.026	.013	.013	.012	.016	.011	.011	.012	.011	.015	.017	.013
(WY)	1989	1990	1989	1989	1990	1990	1990	1990	1990	1990	1989	1991

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	8.17	14.62	
ANNUAL MEAN	.022	.040	
HIGHEST ANNUAL MEAN			.18
LOWEST ANNUAL MEAN			.68
HIGHEST DAILY MEAN	.58 Oct 12	1.2 Aug 1	.016
LOWEST DAILY MEAN	.01 Jan 2	.00 *Jul 1	2.1 Feb 5 1985
INSTANTANEOUS PEAK FLOW		Unknown Oct 22	.00 ** Jul 29 1988
INSTANTANEOUS PEAK STAGE		5.36 Oct 22	Unknown Oct 22 1990
10 PERCENT EXCEEDS	.05	.06	5.36 Oct 22 1990
50 PERCENT EXCEEDS	.01	.03	.86
90 PERCENT EXCEEDS	.01	.01	.07
			.01

* Also occurred many days during the year.

** Also occurred on July 30, 1988, Jan. 2, 20 - 23, 1989, and many days in 1991.

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.--October 1983 to August 1991 (gage destroyed when dam broke).

GAGE.--Data collection platform. Elevation of gage is 175 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 13 to Nov. 7, Feb. 14 to Mar. 1, July 16 to Aug. 1 (no estimated daily discharges after gage was destroyed). Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.05	.05	.09	.08	.17	.06	.17	.23	.16	.05	---	---
2	.05	.05	.09	.07	.22	.07	.16	.23	.16	.05	---	---
3	.03	.06	.09	.07	.21	.10	.16	.20	.17	.05	---	---
4	.03	.06	.09	.07	.18	.19	.15	.15	.16	.05	---	---
5	.03	.07	.09	.07	.16	.22	.15	.14	.12	.06	---	---
6	.05	.08	.08	.07	.15	.25	.14	.14	.11	.06	---	---
7	.06	.12	.07	.06	.15	.26	.14	.14	.09	.06	---	---
8	.04	.27	.08	.06	.15	.28	.14	.13	.09	.06	---	---
9	.06	.20	.10	.06	.15	.28	.14	.13	.08	.06	---	---
10	.08	.20	.10	.06	.15	.28	.14	.13	.08	.06	---	---
11	.12	.20	.10	.07	.14	.30	.14	.13	.07	.06	---	---
12	.23	.20	.11	.08	.14	.29	.14	.13	.07	.05	---	---
13	.33	.16	.10	.08	.13	.28	.14	.13	.06	.04	---	---
14	.50	.15	.10	.08	.13	.26	.14	.13	.06	.04	---	---
15	.08	.14	.10	.07	.13	.23	.14	.13	.06	.04	---	---
16	.06	.10	.08	.06	.13	.21	.14	.13	.06	.03	---	---
17	.06	.10	.07	.06	.17	.19	.13	.13	.06	.05	---	---
18	.04	.09	.06	.06	.15	.18	.13	.12	.06	.05	---	---
19	.04	.09	.06	.07	.15	.18	.13	.12	.06	.05	---	---
20	.04	.09	.06	.08	.14	.17	.13	.12	.06	.05	---	---
21	.03	.09	.06	.08	.13	.16	.13	.12	.07	.05	---	---
22	.03	.09	.06	.08	.12	.15	.13	.12	.03	.05	---	---
23	.08	.09	.06	.07	.15	.12	.13	.12	.03	.05	---	---
24	.05	.09	.15	.07	.15	.11	.13	.12	.03	.05	---	---
25	.08	.09	.27	.08	.11	.10	.13	.12	.03	.05	---	---
26	.06	.09	.26	.08	.09	.10	.13	.12	.03	.05	---	---
27	.05	.09	.18	.08	.07	.09	.13	.12	.04	.05	---	---
28	.05	.09	.11	.08	.06	.09	.18	.12	.05	.05	---	---
29	.04	.09	.10	.08	---	.10	.20	.12	.05	.05	---	---
30	.04	.09	.10	.09	---	.20	.20	.12	.05	.05	---	---
31	.05	---	.10	.12	---	.20	---	.14	---	.05	---	---
TOTAL	2.54	3.38	3.17	2.29	3.98	5.70	4.34	4.23	2.25	1.57	---	---
MEAN	.082	.11	.10	.074	.14	.18	.14	.14	.075	.051	---	---
MAX	.50	.27	.27	.12	.22	.30	.20	.23	.17	.06	---	---
MIN	.03	.05	.06	.06	.06	.06	.13	.12	.03	.03	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	.078	.10	.099	.098	.094	.11	.085	.097
MAX	.11	.16	.17	.17	.16	.25	.17	.33
(WY)	1984	1984	1985	1985	1985	1987	1984	1984
MIN	.055	.058	.040	.043	.035	.038	.043	.044
(WY)	1987	1989	1989	1989	1989	1989	1989	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	24.74	
ANNUAL MEAN	.068	
HIGHEST ANNUAL MEAN		.085
LOWEST ANNUAL MEAN		.17
HIGHEST DAILY MEAN	.50	Oct 14
LOWEST DAILY MEAN	.01	Jun 6
INSTANTANEOUS PEAK FLOW		.048
INSTANTANEOUS PEAK STAGE		.88
10 PERCENT EXCEEDS	.11	Mar 5 1987
50 PERCENT EXCEEDS	.06	* Jun 4 1989
90 PERCENT EXCEEDS	.03	.01
		Unknown Aug 1 1991
		Unknown Aug 1 1991
		.17
		.07
		.03

* Also occurred on June 5, 1989, June 6 - 12, 1990.

SAVANNAH RIVER BASIN

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.--October 1972 to current year.

GAGE.--Data collection platform. Elevation of gage is 155 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharge, Aug. 2. Records good. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.9	18	14	14	42	16	27	32	35	9.5	500	16
2	6.6	18	14	20	31	82	23	24	16	10	830	22
3	6.5	18	14	17	26	154	20	18	13	9.8	153	16
4	7.5	17	14	16	24	107	20	16	12	42	73	15
5	7.8	17	13	15	22	52	33	21	11	165	48	14
6	6.4	17	13	14	21	36	44	48	10	24	37	13
7	5.3	15	14	14	62	30	24	30	9.4	20	31	13
8	5.6	16	21	15	48	27	21	21	9.6	15	28	25
9	6.2	18	16	14	35	24	26	20	9.7	14	35	15
10	41	42	14	13	27	22	22	27	10	10	34	16
11	176	21	14	28	24	20	20	22	10	9.4	32	13
12	595	17	14	39	22	21	20	20	9.3	9.0	36	12
13	140	16	14	18	23	31	20	19	9.7	9.0	33	12
14	54	16	14	15	21	30	20	18	12	8.0	45	12
15	34	18	13	16	20	22	20	16	17	7.9	57	13
16	26	19	14	25	18	20	23	15	13	14	30	13
17	23	15	13	18	19	21	19	14	10	31	24	14
18	19	14	14	17	19	22	19	16	14	37	21	12
19	19	14	15	24	19	21	19	27	11	211	21	12
20	17	17	20	57	18	19	19	17	10	78	18	12
21	15	14	19	25	17	18	18	17	11	25	17	12
22	53	14	16	20	17	18	16	15	11	23	21	10
23	532	14	15	18	23	17	15	15	8.9	15	18	10
24	90	14	14	34	20	17	14	14	9.9	13	17	10
25	50	14	15	54	19	17	13	14	8.5	30	37	57
26	41	14	14	25	19	16	13	13	7.9	16	46	71
27	33	14	14	22	20	16	58	17	15	27	32	22
28	27	14	14	20	16	16	103	21	17	58	22	17
29	23	14	14	21	---	49	38	14	32	121	18	14
30	21	14	14	124	---	116	78	14	11	226	17	12
31	20	---	14	85	---	37	---	18	---	228	17	---
TOTAL	2107.8	503	455	857	692	1114	825	613	383.9	1515.6	2348	530
MEAN	68.0	16.8	14.7	27.6	24.7	35.9	27.5	19.8	12.8	48.9	75.7	17.7
MAX	595	42	21	124	62	154	103	48	35	228	830	71
MIN	5.3	14	13	13	16	16	13	13	7.9	7.9	17	10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1991, BY WATER YEAR (WY)

MEAN	14.7	14.5	17.1	20.7	23.9	25.4	20.5	15.9	14.5	15.1	17.4	12.9
MAX	68.0	26.0	24.6	38.4	45.3	44.6	38.1	43.2	37.1	48.9	75.7	17.7
(WY)	1991	1980	1977	1978	1973	1980	1984	1984	1973	1991	1991	1991
MIN	7.83	9.68	10.3	11.9	11.6	12.6	10.3	8.03	5.80	6.97	7.65	6.66
(WY)	1979	1982	1989	1989	1989	1990	1990	1990	1990	1986	1980	1990

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1973 - 1991
ANNUAL TOTAL	6608.8	11944.3	
ANNUAL MEAN	18.1	32.7	17.4
HIGHEST ANNUAL MEAN			32.7
LOWEST ANNUAL MEAN			12.4
HIGHEST DAILY MEAN	595	830	830
LOWEST DAILY MEAN	2.7	5.3	2.7
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		6.89	6.89
10 PERCENT EXCEEDS	21	48	30
50 PERCENT EXCEEDS	13	18	14
90 PERCENT EXCEEDS	5.2	11	7.9

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.--Data collection platform. Elevation of gage is 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 10 - 12, 22, 23, Nov. 1 to Dec. 1, Jan. 11, 19, 30, Feb. 7, Mar. 1 - 14, 29, Apr. 5, 27, 29, May 1 to June 7, 28 to July 9, 16 - 19, 25, 27 - 30, Aug. 1, 2, 10, 12, 14, 25, Sept. 7, 25. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.51	.61	.55	.54	.50	.52	.54	.51	.42	.55	3.0	.62
2	.52	.48	.55	.49	.51	.90	.57	.41	.43	.55	.90	.55
3	.68	.50	.55	.53	.53	1.6	.63	.41	.44	.55	.54	.56
4	.51	.50	.55	.50	.51	.45	.56	.41	.44	1.6	.50	.56
5	.49	.50	.76	.52	.52	.50	1.2	.70	.44	.60	.50	.55
6	.51	.50	.70	.52	.49	.50	.56	.50	.44	.55	.50	.65
7	.53	.48	.68	.51	.74	.50	.56	.48	.50	.50	.50	.90
8	.52	.50	.60	.51	.47	.48	.54	.48	.54	.50	.50	.61
9	.51	.90	.58	.51	.50	.48	.58	.48	.55	.50	.49	.61
10	2.5	.60	.55	.52	.50	.50	.56	.48	.53	.50	.50	.61
11	1.3	.50	.55	.74	.51	.50	.48	.48	.53	.50	.55	.61
12	1.8	.49	.64	.52	.52	.48	.54	.48	.53	.50	.90	.61
13	.61	.50	.53	.46	.61	.48	.55	.48	.55	.50	.55	.83
14	.59	.50	.53	.47	.53	.48	.54	.48	.63	.50	.90	.62
15	.57	.50	.55	.64	.53	.53	.51	.50	.55	.50	.61	.61
16	.74	.49	.52	.52	.55	.55	.52	.47	.54	.74	.56	.60
17	.59	.49	.51	.50	.54	.54	.53	.48	.53	.74	.56	.61
18	.57	.50	.52	.51	.55	.55	.53	.48	.53	1.3	.55	.61
19	.57	.49	.53	1.2	.52	.47	.58	.48	.53	.74	.56	.61
20	.61	.49	.80	.66	.52	.50	.55	.48	.53	.50	.56	.74
21	.65	.49	.52	.50	.58	.52	.53	.48	.53	.50	.60	.68
22	1.6	.48	.51	.50	.49	.51	.51	.48	.55	.48	.55	.74
23	.90	.48	.51	.56	.40	.51	.52	.48	.55	.49	.55	.82
24	.71	.48	.52	1.4	.27	.54	.53	.48	.54	.49	.68	.90
25	.59	.48	.53	.50	.53	.58	.50	.50	.54	.74	1.3	1.4
26	.59	.48	.52	.50	.53	.55	.53	.51	.61	.50	.60	.90
27	.60	.48	.58	.48	.53	.58	1.2	.51	.60	.90	.55	.90
28	.60	.68	.51	.48	.54	.57	.54	.50	.52	1.2	.61	.90
29	.60	.48	.52	.76	---	1.4	.90	.48	.52	1.2	.56	.72
30	.62	.48	.49	1.9	---	.57	.84	.55	.55	1.4	.66	.65
31	.69	---	.49	.55	---	.56	---	1.0	---	.61	.67	---
TOTAL	23.36	15.53	17.45	19.50	14.52	18.40	18.23	15.64	15.69	21.43	21.56	21.28
MEAN	.75	.52	.56	.63	.52	.59	.61	.50	.52	.69	.70	.71
MAX	2.5	.90	.80	1.9	.74	1.6	1.2	1.0	.63	1.6	3.0	1.4
MIN	.49	.48	.49	.46	.27	.45	.48	.41	.42	.48	.49	.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1984	.59	1.04	1985	.36	1989
1985	.63	1.35	1985	.44	1989
1986	.71	1.83	1985	.41	1989
1987	.82	1.81	1985	.37	1989
1988	.69	1.72	1985	.39	1989
1989	.79	1.82	1985	.42	1989
1990	.85	1.69	1984	.49	1989
1991	.76	1.35	1985	.39	1987
1992	.72	1.48	1985	.38	1987
1993	.64	1.21	1984	.47	1987
1994	.67	1.23	1984	.48	1987
1995	.71	1.36	1984	.48	1985

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1984 - 1991
ANNUAL TOTAL	212.41	222.59	
ANNUAL MEAN	.58	.61	.66
HIGHEST ANNUAL MEAN			1.26
LOWEST ANNUAL MEAN			.50
HIGHEST DAILY MEAN	2.6 Aug 22	3.0 Aug 1	3.5 Feb 5 1985
LOWEST DAILY MEAN	.34 May 13	.27 Feb 24	.00 * Sep 29 1988
INSTANTANEOUS PEAK FLOW		Unknown Oct 22	Unknown Oct 22 1990
INSTANTANEOUS PEAK STAGE		2.72 Oct 22	2.72 Oct 22 1990
10 PERCENT EXCEEDS	.74	.81	1.4
50 PERCENT EXCEEDS	.52	.53	.54
90 PERCENT EXCEEDS	.45	.48	.38

* Also occurred on Sept. 30, 1988, Oct. 1, 2, 1988.

SAVANNAH RIVER BASIN

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.--Estimated daily discharges, Sept. 25, 26. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.4	8.8	8.0	9.7	9.7	9.1	9.2	13	12	129	129	18
2	8.4	8.8	8.1	9.7	9.7	17	9.0	13	12	104	91	19
3	8.4	8.8	8.6	9.7	9.4	30	8.8	13	11	65	63	17
4	8.4	8.8	8.8	9.7	9.1	11	8.8	13	11	85	61	16
5	8.4	8.8	8.8	9.7	8.8	9.7	13	15	11	70	60	16
6	8.4	8.8	8.8	9.7	8.8	9.7	9.4	20	11	67	57	16
7	8.4	8.8	8.8	9.7	12	9.5	9.0	15	10	65	54	23
8	8.4	8.8	8.8	9.7	9.7	9.2	8.8	12	10	45	54	18
9	8.4	8.8	8.8	9.7	9.5	9.2	8.8	12	10	7.6	54	17
10	18	8.8	8.8	9.7	9.2	9.2	8.8	11	10	7.3	54	16
11	28	8.8	8.8	10	9.1	9.0	8.8	11	10	7.3	54	16
12	142	8.8	8.8	10	8.8	8.8	8.8	11	10	7.3	54	16
13	31	8.8	8.8	9.7	8.8	8.8	8.8	11	10	12	54	15
14	9.5	8.8	8.8	9.7	8.8	8.8	8.8	11	10	22	54	15
15	9.0	6.6	8.8	9.7	8.8	8.8	8.8	11	10	35	54	15
16	8.8	5.7	8.8	9.7	8.8	8.8	8.7	11	10	64	54	15
17	8.8	5.6	8.8	9.7	8.8	8.8	6.6	11	10	69	54	15
18	8.8	5.6	8.8	9.7	8.8	8.8	6.1	11	10	81	54	15
19	8.6	5.6	8.8	11	8.8	8.8	6.1	11	10	75	57	14
20	8.4	5.6	9.4	11	8.8	8.8	6.2	11	10	73	46	13
21	8.4	6.9	9.7	9.7	8.8	8.8	6.2	11	9.2	71	8.1	13
22	45	8.0	9.7	9.7	8.8	8.8	6.2	11	6.0	70	9.5	13
23	108	8.0	9.7	9.7	8.8	8.8	6.2	11	6.4	70	9.7	13
24	19	8.0	9.7	13	8.8	8.8	9.2	11	8.0	69	12	13
25	9.8	8.0	9.7	10	8.8	8.8	11	11	8.7	70	27	13
26	9.4	8.0	9.7	9.7	8.8	8.8	11	11	8.8	69	27	30
27	9.2	8.0	9.7	9.7	8.8	8.8	26	11	8.6	71	21	21
28	9.0	8.0	9.7	9.5	8.8	8.8	19	13	8.7	87	19	22
29	8.8	8.0	9.7	9.5	---	22	16	12	61	72	18	21
30	8.8	8.0	9.7	28	---	11	22	12	129	76	18	21
31	8.8	---	9.7	11	---	9.5	---	13	---	66	18	---
TOTAL	600.7	236.8	281.6	326.7	254.6	324.7	304.1	374	462.4	1881.5	1399.3	505
MEAN	19.4	7.89	9.08	10.5	9.09	10.5	10.1	12.1	15.4	60.7	45.1	16.8
MAX	142	8.8	9.7	28	12	30	26	20	129	129	129	30
MIN	8.4	5.6	8.0	9.5	8.8	8.8	6.1	11	6.0	7.3	8.1	13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	MEAN	47.3	61.3	76.2	129	73.5	75.7	106	106	99.0	68.1	65.9	61.2
MAX	232	356	393	407	399	366	400	399	378	381	382	382	382
(WY)	1985	1985	1985	1985	1985	1985	1985	1985	1984	1984	1984	1984	1984
MIN	5.78	6.39	6.84	7.04	4.78	6.74	.80	.027	.17	2.21	.002	1.61	1.61
(WY)	1989	1989	1988	1988	1989	1988	1987	1987	1987	1987	1987	1987	1987

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	4022.4	6951.4	59.6	1985
ANNUAL MEAN	11.0	19.0	287	1987
HIGHEST ANNUAL MEAN			6.47	1987
LOWEST ANNUAL MEAN			439	Jun 17 1985
HIGHEST DAILY MEAN	142	Oct 12	.00 **	Apr 14 1987
LOWEST DAILY MEAN	5.2	Apr 24	570	May 28 1984
INSTANTANEOUS PEAK FLOW		5.6 * Nov 17	5.10	May 28 1984
INSTANTANEOUS PEAK STAGE		355 Oct 12	386	
10 PERCENT EXCEEDS	15	4.69 Oct 12	11	
50 PERCENT EXCEEDS	8.8		5.8	
90 PERCENT EXCEEDS	6.2			

* Also occurred on Nov. 18 - 20.

** No flow many days in Apr. - Sept. 1987.

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, 32.0°C, July 13, 14; minimum, 5.0°C, Feb. 16.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SAVANNAH RIVER BASIN

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.5	8.0	10.0	16.5	12.0	14.5	21.0	14.0	17.5	25.5	22.0	23.5
2	13.5	8.5	11.0	15.5	14.5	15.0	22.0	14.5	18.0	26.0	21.5	23.5
3	15.0	9.5	12.0	16.0	13.5	14.5	22.0	15.5	18.5	25.0	19.0	22.0
4	15.5	10.0	12.5	16.0	12.0	14.0	20.0	16.5	18.0	22.0	20.5	21.5
5	15.5	10.5	13.0	17.0	10.5	13.5	17.5	16.5	17.0	25.0	21.0	22.5
6	14.5	13.0	13.5	16.5	12.5	14.5	21.0	16.5	18.0	24.5	21.5	23.0
7	16.0	13.5	14.5	20.5	15.0	17.0	23.0	17.0	19.5	25.5	20.5	23.0
8	13.5	12.0	12.5	16.0	13.0	14.5	23.0	19.0	21.0	24.5	20.0	22.5
9	15.5	10.0	12.5	17.0	11.0	13.5	22.0	19.0	20.5	24.0	21.0	22.5
10	15.0	10.0	12.0	15.5	11.0	13.0	24.0	19.0	21.0	25.5	21.5	23.0
11	15.5	10.0	12.5	16.5	10.0	13.0	23.0	17.0	20.0	26.0	22.0	24.0
12	15.5	9.5	12.0	17.0	11.5	14.0	22.0	19.0	20.0	25.0	22.0	23.5
13	13.5	11.0	12.0	16.0	13.5	14.5	20.5	18.5	19.5	24.5	22.0	23.0
14	16.5	12.5	14.0	17.5	13.0	15.0	24.0	19.5	21.5	26.0	22.0	24.0
15	12.0	7.0	10.0	14.5	11.5	13.0	22.5	20.0	21.5	26.5	22.5	24.5
16	10.0	5.0	7.5	15.0	11.5	13.0	25.0	20.0	22.5	27.0	23.5	25.0
17	10.0	6.5	8.5	13.5	12.0	13.0	25.0	21.0	23.0	27.5	23.0	25.0
18	15.0	9.5	12.0	18.5	13.5	15.5	24.5	20.5	22.5	27.0	23.5	25.5
19	16.0	11.5	14.0	18.5	12.5	15.0	23.0	21.0	22.0	25.0	22.5	24.0
20	19.0	12.5	15.5	19.0	12.0	15.0	21.5	20.0	20.5	22.0	20.5	21.0
21	19.0	15.0	16.5	18.5	13.5	16.0	20.5	19.0	19.5	23.0	20.5	21.5
22	18.5	15.5	17.0	21.5	15.0	18.0	20.0	17.0	18.5	23.5	21.5	22.5
23	16.0	12.0	14.5	21.5	16.5	18.5	21.5	18.5	19.5	24.0	21.5	23.0
24	15.0	11.0	12.5	21.5	16.0	18.5	25.0	19.0	21.5	24.5	22.0	23.0
25	15.0	12.0	13.0	21.0	14.0	17.0	20.5	18.0	19.5	26.0	22.5	24.0
26	14.0	12.0	13.0	21.5	14.5	17.5	21.5	18.5	20.0	25.5	22.5	24.0
27	15.5	9.5	12.0	22.0	16.5	19.0	21.5	19.5	20.5	26.0	23.5	24.5
28	16.0	10.0	12.5	21.5	18.0	19.5	23.5	19.0	21.0	27.0	23.5	25.0
29	---	---	---	19.0	18.0	18.5	25.5	20.5	22.5	28.5	24.0	26.5
30	---	---	---	21.0	15.5	18.0	26.0	21.5	23.5	26.5	24.5	25.5
31	---	---	---	19.5	15.0	17.0	---	---	---	26.5	23.0	24.5
MONTH	19.0	5.0	12.5	22.0	10.0	15.5	26.0	14.0	20.5	28.5	19.0	23.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.5	23.0	25.0	28.0	26.5	27.0	28.0	24.0	26.5	29.0	25.5	27.0
2	27.0	23.5	25.0	29.5	27.0	28.0	28.0	24.5	26.5	27.5	25.5	26.5
3	28.0	24.0	26.0	29.5	27.0	28.0	30.0	27.0	28.0	27.5	24.0	25.5
4	28.0	24.5	26.5	29.0	25.0	27.5	30.0	26.5	28.0	27.5	24.0	25.5
5	26.0	23.5	24.5	28.5	26.5	27.0	30.0	26.5	28.0	27.5	24.5	26.0
6	25.5	21.5	23.5	28.5	26.5	27.0	30.5	27.5	28.5	28.0	25.0	26.5
7	25.5	21.5	23.0	29.0	26.5	27.5	31.0	28.0	29.0	28.0	25.5	26.0
8	25.5	20.5	23.0	30.5	26.5	28.0	30.5	28.5	29.0	27.5	24.5	26.0
9	25.0	21.0	23.0	28.5	26.5	27.5	30.5	28.0	29.0	27.0	24.0	25.5
10	25.5	21.5	23.5	27.5	26.0	26.5	30.5	28.0	28.5	27.0	24.0	25.5
11	25.5	22.5	24.0	27.5	26.0	26.5	30.0	27.5	28.5	28.0	24.5	26.0
12	25.5	22.5	24.0	27.5	26.0	27.0	29.5	27.0	28.0	28.0	25.5	26.5
13	26.0	23.5	25.0	32.0	26.0	29.0	28.5	27.5	28.0	28.0	25.5	27.0
14	26.0	24.0	25.0	32.0	27.0	29.5	28.0	27.0	27.5	29.0	26.0	27.0
15	27.0	23.5	25.0	28.5	27.5	28.0	29.0	27.0	27.5	29.0	26.0	27.5
16	28.5	24.5	26.5	28.5	27.0	27.5	29.5	26.5	28.0	28.5	26.5	27.5
17	28.5	25.0	27.0	28.5	27.0	27.5	29.5	27.0	28.0	28.5	26.5	27.0
18	28.5	25.5	26.5	29.5	25.5	27.5	29.5	27.0	28.5	28.0	25.5	27.0
19	28.0	25.0	26.5	28.5	26.5	27.5	29.5	28.0	28.5	28.0	25.5	27.0
20	28.5	25.5	26.5	30.0	27.0	28.5	30.0	27.5	28.5	27.0	23.0	25.0
21	29.0	25.5	27.0	30.0	27.5	28.5	28.5	24.5	26.5	24.0	21.5	22.5
22	29.0	25.5	27.0	30.0	27.5	28.5	28.5	25.5	27.0	23.5	21.0	22.5
23	30.0	25.0	27.5	31.0	28.0	29.0	29.0	25.5	27.0	25.0	22.0	23.5
24	27.0	25.5	26.0	31.0	28.0	29.5	27.5	26.5	27.0	25.0	22.5	24.0
25	27.0	24.0	25.5	30.5	27.5	29.0	26.5	25.0	26.0	---	---	24.0
26	27.0	24.5	26.0	30.5	28.0	29.0	26.5	25.5	26.0	---	---	---
27	26.5	24.5	25.5	30.0	28.0	28.5	28.5	25.0	26.5	---	---	---
28	26.5	24.5	25.5	30.0	26.0	28.5	29.0	26.0	27.0	---	---	---
29	27.0	24.5	26.0	29.5	27.5	28.0	29.0	26.0	27.5	---	---	---
30	28.0	26.0	27.0	29.5	26.5	28.0	29.0	26.0	27.5	---	---	---
31	---	---	---	29.5	27.5	28.0	29.5	26.0	27.5	---	---	---
MONTH	30.0	20.5	25.5	32.0	25.0	28.0	31.0	24.0	27.5	29.0	21.0	26.0
YEAR	32.0	5.0	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). Prior to Oct. 1, 1990 at datum 1.0 ft higher.

REMARKS.--Records good except for estimated daily discharges, Oct. 12, 23, May 24 - 28, Aug. 2 - 13, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	41	28	29	73	32	50	61	60	139	372	40
2	17	38	29	36	55	123	44	41	35	137	1200	46
3	17	37	29	34	48	226	40	33	30	57	250	41
4	17	37	30	31	43	176	37	32	28	84	200	37
5	18	36	28	30	40	84	58	38	27	286	130	36
6	18	36	28	27	40	61	78	68	26	128	90	35
7	17	33	28	28	80	53	48	52	25	92	80	34
8	16	40	43	29	87	48	41	36	25	68	70	59
9	16	50	34	28	59	45	45	38	25	26	85	37
10	55	85	29	27	49	41	42	45	25	20	80	35
11	322	62	28	46	43	39	38	39	25	19	75	34
12	677	49	28	71	40	39	37	35	25	18	90	32
13	365	43	28	39	40	52	38	37	25	19	100	31
14	126	42	28	30	39	56	38	34	27	24	120	31
15	77	39	28	31	37	43	39	31	36	25	172	32
16	63	41	28	46	35	39	43	30	30	55	118	32
17	59	37	27	36	35	39	34	29	26	96	97	34
18	54	33	28	31	35	42	31	27	30	106	86	32
19	50	32	31	43	36	40	35	42	28	282	93	31
20	47	38	37	89	35	38	35	33	26	235	83	31
21	42	36	41	49	33	36	32	31	27	109	42	30
22	76	40	33	37	33	35	29	30	23	87	40	30
23	700	40	30	34	44	34	27	29	19	72	48	34
24	204	40	29	53	39	34	29	28	22	59	53	36
25	109	39	28	90	35	33	30	27	22	104	91	80
26	82	38	28	49	34	33	30	28	20	84	116	208
27	69	39	28	40	38	33	46	35	29	62	82	74
28	57	31	28	39	32	33	172	55	31	147	58	44
29	51	30	28	40	---	63	74	32	61	266	48	34
30	45	29	28	158	---	187	111	31	144	229	43	31
31	42	---	28	165	---	67	---	34	---	445	41	---
TOTAL	3525	1211	926	1515	1237	1904	1431	1141	982	3580	4253	1321
MEAN	114	40.4	29.9	48.9	44.2	61.4	47.7	36.8	32.7	115	137	44.0
MAX	700	85	43	165	87	226	172	68	144	445	1200	208
MIN	16	29	27	27	32	32	27	27	19	18	40	30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1991, BY WATER YEAR (WY)

	200	205	241	249	199	168	200	198	184	202	198	189
MEAN	200	205	241	249	199	168	200	198	184	202	198	189
MAX	437	403	405	437	415	415	424	461	414	421	415	403
(WY)	1978	1984	1984	1978	1983	1981	1984	1980	1984	1977	1982	1984
MIN	17.3	19.7	16.8	18.8	17.6	23.0	17.6	16.8	15.5	14.5	14.6	17.8
(WY)	1988	1989	1989	1989	1989	1990	1990	1989	1990	1988	1988	1990

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1977 - 1991
ANNUAL TOTAL	12020.8	23026	
ANNUAL MEAN	32.9	63.1	142
HIGHEST ANNUAL MEAN			370
LOWEST ANNUAL MEAN			20.4
HIGHEST DAILY MEAN	700	1200	1200
LOWEST DAILY MEAN	6.7	16	6.7
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		6.72	6.72
10 PERCENT EXCEEDS	42	109	421
50 PERCENT EXCEEDS	22	38	125
90 PERCENT EXCEEDS	14	27	18

* Also occurred on Oct. 9.

** Also occurred on July 9, 10, 1990.

SAVANNAH RIVER BASIN
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 above 300 ft³/s, fair between 150 - 300 ft³/s, and poor below 150 ft³/s. Flow regulated completely by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	51	65	28	75	143	96	71	55	88	119	244
2	35	57	59	31	74	112	114	62	61	79	120	53
3	43	59	60	31	73	124	114	102	65	91	124	48
4	48	40	60	31	73	275	115	101	52	91	123	43
5	47	37	60	44	73	292	113	101	48	90	118	36
6	49	37	62	51	89	424	128	101	121	87	118	37
7	48	41	75	51	148	430	123	80	246	86	119	39
8	47	47	75	51	148	384	120	52	389	83	129	44
9	48	47	72	51	161	326	112	51	282	83	198	45
10	50	46	72	51	283	180	117	51	110	82	411	45
11	51	45	69	51	418	211	118	51	200	56	411	51
12	52	46	69	51	327	168	180	51	143	46	322	60
13	49	47	65	53	411	169	141	52	55	61	188	56
14	46	47	69	51	412	372	112	51	47	53	190	51
15	50	48	68	45	388	172	112	47	48	106	190	51
16	62	47	65	33	156	173	107	45	46	96	190	51
17	55	48	73	55	99	268	228	46	279	95	177	51
18	58	53	79	54	136	169	360	45	155	98	143	50
19	52	54	77	81	132	410	411	45	172	95	123	51
20	51	51	74	75	171	418	350	45	160	105	110	50
21	50	51	70	73	133	451	448	46	81	105	118	49
22	48	51	64	74	115	451	450	43	79	106	158	40
23	47	51	64	76	98	168	445	42	79	133	200	39
24	50	51	58	78	97	58	386	42	77	178	419	127
25	50	52	53	77	141	39	78	39	81	182	428	137
26	48	53	44	77	86	205	68	46	88	178	433	141
27	49	60	31	75	82	419	63	31	165	176	435	138
28	49	69	29	74	109	448	148	28	241	166	435	130
29	48	69	28	73	---	168	220	28	189	162	393	127
30	50	66	28	73	---	100	61	28	102	145	413	266
31	49	---	28	76	---	109	---	28	---	128	410	---
TOTAL	1517	1521	1865	1795	4708	7836	5638	1651	3916	3330	7465	2350
MEAN	48.9	50.7	60.2	57.9	168	253	188	53.3	131	107	241	78.3
MAX	62	69	79	81	418	451	450	102	389	182	435	266
MIN	35	37	28	28	73	39	61	28	46	46	110	36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	263	220	210	218	213	303	283	232
MAX	444	472	449	417	426	454	456	457
(WY)	1987	1987	1986	1988	1988	1988	1987	1986
MIN	46.7	43.3	31.2	29.1	32.6	40.9	56.4	42.8
(WY)	1989	1989	1990	1990	1990	1990	1989	1988

SUMMARY STATISTICS

	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1984 - 1991
ANNUAL TOTAL	16012	43592	224
ANNUAL MEAN	43.9	119	372
HIGHEST ANNUAL MEAN			42.2
LOWEST ANNUAL MEAN			497
HIGHEST DAILY MEAN	83	451	497
LOWEST DAILY MEAN	12	28	12
INSTANTANEOUS PEAK FLOW		520	554
INSTANTANEOUS PEAK STAGE		3.40	3.45
10 PERCENT EXCEEDS	66	287	469
50 PERCENT EXCEEDS	41	75	159
90 PERCENT EXCEEDS	28	45	37

* Also occurred on Dec. 30, 31, Jan. 1, and May 28 - 31.

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, 29.5°C, Aug. 7; minimum, 8.5°C, Jan. 26, 27, Feb. 17, 18.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SAVANNAH RIVER BASIN

02197345 K-011, AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.0	10.5	11.0	14.0	12.0	13.5	16.5	15.0	16.0	22.5	20.5	21.0
2	11.5	10.5	11.0	14.5	14.0	14.5	17.0	15.5	16.5	22.0	19.5	21.0
3	13.5	11.0	12.0	15.0	14.0	15.0	17.5	16.0	16.5	20.0	18.5	19.5
4	14.5	13.0	13.5	14.0	13.5	13.5	16.0	15.0	15.5	18.5	18.0	18.5
5	15.0	13.5	14.0	14.0	13.0	13.5	15.5	15.0	15.0	19.0	18.0	18.5
6	15.5	13.0	14.0	14.0	13.5	13.5	16.0	15.0	15.0	19.0	18.0	18.5
7	13.5	13.0	13.0	15.0	14.0	14.5	16.5	15.0	15.5	20.0	18.0	19.0
8	13.0	12.5	13.0	14.5	14.0	14.5	17.5	16.0	16.5	20.5	18.0	19.0
9	13.0	12.5	12.5	14.0	13.0	13.5	18.5	17.5	18.0	20.5	19.0	19.5
10	13.0	12.0	12.0	13.0	12.0	13.0	19.5	18.0	18.5	21.0	19.0	19.5
11	12.0	12.0	12.0	12.0	11.5	12.0	18.5	17.5	18.0	21.5	19.0	20.0
12	12.0	12.0	12.0	12.5	11.5	12.0	18.0	16.5	17.0	21.0	19.5	20.0
13	12.0	12.0	12.0	13.5	12.0	13.0	17.0	16.5	16.5	21.5	20.0	20.5
14	12.5	12.0	12.0	14.0	13.0	13.5	18.0	16.5	17.5	22.5	20.0	21.0
15	12.0	10.5	11.5	13.5	13.0	13.0	18.5	17.5	18.0	22.5	20.5	21.5
16	10.5	9.0	9.5	13.0	12.5	12.5	19.5	18.0	19.0	23.0	20.5	21.5
17	9.0	8.5	9.0	13.0	12.5	12.5	19.0	17.0	18.0	23.0	20.5	21.5
18	10.0	8.5	9.0	13.5	13.0	13.5	17.5	17.0	17.0	23.5	20.5	21.5
19	11.5	10.0	11.0	14.5	13.5	14.0	18.0	17.5	17.5	22.5	20.5	21.5
20	14.0	11.5	12.5	15.0	14.5	14.5	18.0	17.0	17.5	21.0	20.0	20.5
21	15.5	14.0	15.0	15.5	15.0	15.5	17.5	16.5	17.0	21.5	20.0	20.5
22	16.5	15.0	16.0	17.0	16.0	16.5	17.0	16.0	16.5	22.0	20.0	21.0
23	16.5	15.0	16.0	18.5	17.0	17.5	17.5	17.0	17.5	22.0	20.0	20.5
24	16.0	14.0	15.0	18.5	17.0	17.5	18.0	17.5	18.0	22.0	20.5	21.0
25	14.0	13.5	13.5	20.5	16.5	17.5	18.0	17.0	17.5	23.0	20.5	21.5
26	14.5	13.5	14.0	18.5	16.0	17.5	18.5	17.5	18.0	22.5	20.5	21.5
27	14.5	13.0	13.5	17.5	17.0	17.5	18.5	18.0	18.0	25.0	22.0	23.0
28	13.5	12.5	13.0	18.0	17.0	17.5	19.0	18.0	18.5	26.0	22.5	23.5
29	---	---	---	17.5	17.0	17.0	20.0	19.0	19.5	26.5	22.5	24.0
30	---	---	---	17.0	16.0	16.5	21.5	20.0	20.5	24.5	22.0	23.0
31	---	---	---	16.5	15.5	16.0	---	---	---	26.5	22.0	23.5
MONTH	16.5	8.5	12.5	20.5	11.5	14.5	21.5	15.0	17.5	26.5	18.0	21.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	25.5	22.0	23.0	25.0	23.0	23.5	28.0	27.0	27.5	26.0	25.0	25.5
2	23.5	21.5	22.5	26.0	23.5	24.5	27.0	26.0	26.5	26.5	24.5	25.0
3	24.5	22.0	23.0	25.5	24.0	24.5	27.0	26.0	26.5	26.0	24.0	25.0
4	25.5	22.5	24.0	24.5	23.0	23.5	27.5	26.0	26.5	26.0	24.5	25.0
5	24.0	22.5	23.5	24.0	22.5	23.0	28.0	26.5	27.0	27.0	24.5	25.5
6	23.5	22.0	22.5	23.5	22.5	23.0	29.0	28.0	28.5	27.5	25.0	26.0
7	22.0	21.0	21.5	24.0	22.5	23.0	29.5	28.5	29.0	28.0	25.5	26.0
8	21.5	21.0	21.5	24.5	22.5	23.5	28.5	27.5	28.0	27.5	25.0	26.0
9	22.0	21.0	21.5	25.0	23.5	24.0	28.0	25.5	27.5	27.0	24.5	25.5
10	22.0	21.0	21.5	26.0	24.5	25.0	26.5	26.0	26.5	27.5	24.5	25.5
11	22.5	21.5	22.0	27.0	25.0	25.5	27.0	26.0	26.5	26.5	24.5	25.5
12	23.0	22.5	22.5	27.5	25.0	26.0	28.5	26.5	27.5	26.5	25.0	25.5
13	24.5	23.0	23.5	26.5	25.5	26.0	28.5	28.5	28.5	26.5	24.5	25.0
14	24.5	23.0	23.5	28.0	24.5	26.0	28.5	28.0	28.5	27.0	24.5	25.5
15	24.5	22.5	23.5	28.0	27.0	27.5	28.0	27.5	28.0	26.5	24.5	25.5
16	25.0	23.0	24.0	29.0	28.0	28.0	28.5	27.5	28.0	26.5	25.0	25.5
17	24.5	23.0	24.0	28.5	27.5	28.0	29.0	28.5	28.5	27.0	25.5	26.0
18	25.0	24.5	24.5	28.0	27.0	27.5	29.0	28.0	28.5	27.0	25.0	26.0
19	25.0	24.0	24.5	27.5	26.5	27.0	28.5	27.5	28.0	27.0	25.0	26.0
20	24.5	24.0	24.5	28.0	26.0	27.0	28.0	25.5	27.5	25.5	23.5	24.5
21	25.0	24.0	24.5	28.0	26.5	27.0	26.0	25.0	25.5	24.0	22.0	23.0
22	25.5	24.0	24.5	28.5	27.0	27.5	25.5	25.0	25.5	24.5	21.5	22.5
23	25.5	24.0	24.5	28.5	27.0	28.0	27.0	25.5	26.5	25.0	21.5	23.0
24	25.0	24.0	24.5	28.0	27.5	28.0	26.5	26.0	26.5	23.0	22.0	22.5
25	25.5	24.0	24.5	28.0	27.5	27.5	26.5	26.0	26.0	22.5	22.5	22.5
26	25.5	24.0	24.5	28.0	27.0	27.5	26.0	25.5	26.0	22.5	22.0	22.0
27	24.5	23.5	24.0	27.5	27.0	27.5	25.5	25.0	25.0	22.0	21.5	22.0
28	23.0	21.5	22.0	28.5	27.5	28.0	25.0	24.5	25.0	21.5	21.0	21.0
29	22.0	21.0	21.5	28.5	27.5	28.0	26.0	25.0	25.0	21.5	20.5	21.0
30	23.5	22.0	23.0	28.5	27.5	28.0	25.5	24.5	25.0	21.5	20.5	21.5
31	---	---	---	28.0	27.5	28.0	25.5	25.0	25.0	---	---	---
MONTH	25.5	21.0	23.5	29.0	22.5	26.0	29.5	24.5	27.0	28.0	20.5	24.5
YEAR	29.5	8.5	19.0									

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.--Data collection platform. Elevation of gage is 225 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.31	.28	.30	.36	.43	.29	.58	.85	.90	.60	22	1.8
2	.30	.26	.28	.32	.37	2.0	.53	.70	.50	.58	29	1.6
3	.29	.25	.28	.31	.35	9.4	.50	.82	.42	.62	.99	1.7
4	.30	.25	.70	.30	.33	1.3	.50	.70	.73	2.1	.60	1.7
5	.32	.24	.28	.28	.33	.49	3.6	1.3	.58	1.9	.45	1.6
6	.30	.24	.27	.30	.35	.48	.76	2.8	.58	.96	.47	1.6
7	.30	.23	.35	.36	.34	.50	.59	1.1	.48	1.0	.49	3.6
8	.31	.23	.42	.32	.35	.48	.66	3.5	.46	.56	.52	3.6
9	.32	.70	.31	.29	.36	.38	.74	1.3	.45	.48	.63	1.6
10	7.3	1.3	.27	.86	.36	.38	.63	1.1	.49	.52	2.0	1.5
11	7.7	.50	.25	2.4	.48	.37	.58	.58	.47	.51	1.8	1.5
12	40	.35	.25	.86	5.1	.40	.56	.61	.46	.45	2.4	1.5
13	1.2	.30	.26	.60	.43	.82	.56	.80	.44	.46	1.1	2.2
14	.39	.28	.27	.30	.29	.56	.56	.65	1.4	.46	1.7	1.5
15	.25	.28	.28	.60	.25	.48	.53	.57	1.3	.47	1.8	1.4
16	.22	.29	.27	.96	.24	.39	.55	.56	.63	2.3	1.5	1.4
17	.26	.27	.25	.68	.24	.42	.52	.55	.60	1.3	.75	1.4
18	.29	.28	.27	.25	.27	.49	.52	.51	.71	5.9	.85	1.4
19	.27	.28	.32	1.6	.27	5.0	.71	.52	.64	1.2	1.0	1.4
20	.26	.29	.38	1.7	.25	.63	.59	.57	.67	1.0	1.7	1.4
21	.28	.28	.33	.75	.25	.46	.55	.56	.85	1.0	1.8	1.4
22	2.0	.27	.30	.45	.25	.44	.53	.56	.62	1.2	1.8	15
23	20	.27	.29	.62	.40	.43	.54	.54	.55	1.0	1.1	18
24	2.6	.29	.27	2.5	.27	.43	.48	.53	.48	1.2	8.1	15
25	1.9	.26	.25	1.4	.24	.40	.41	.56	.46	1.6	15	10
26	1.8	.26	.24	.78	.26	.38	.50	.52	.51	1.9	8.6	16
27	1.7	.28	.25	.70	.28	.38	2.8	.81	.90	5.0	2.6	14
28	.39	.30	.27	.83	.25	.38	3.3	.75	.77	7.0	1.8	2.7
29	.35	.28	.27	.96	---	1.9	1.2	.51	.79	10	1.8	1.3
30	.32	.26	.28	5.5	---	2.8	3.0	.56	.62	13	2.0	1.7
31	.30	---	.29	.58	---	.66	---	.64	---	17	2.1	---
TOTAL	92.53	9.85	9.30	28.72	13.59	33.92	28.08	26.63	19.46	83.27	118.45	130.5
MEAN	2.98	.33	.30	.93	.49	1.09	.94	.86	.65	2.69	3.82	4.35
MAX	40	1.3	.70	5.5	5.1	9.4	3.6	3.5	1.4	.17	.29	.18
MIN	.22	.23	.24	.25	.24	.29	.41	.51	.42	.45	.45	1.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1991, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991
MEAN	1.24	.85	.58	.98	.75
MAX	2.98	1.37	.82	1.77	1.41
(WY)	1991	1987	1988	1987	1987
MIN	.35	.33	.30	.38	.44
(WY)	1989	1991	1991	1989	1989

SUMMARY STATISTICS	FOR 1990 CALENDAR YEAR	FOR 1991 WATER YEAR	WATER YEARS 1987 - 1991
ANNUAL TOTAL	289.88	594.30	
ANNUAL MEAN	.79	1.63	.87
HIGHEST ANNUAL MEAN			1.63
LOWEST ANNUAL MEAN			.50
HIGHEST DAILY MEAN	40	40	40
LOWEST DAILY MEAN	.22	.22	.07
INSTANTANEOUS PEAK FLOW		Unknown	Unknown
INSTANTANEOUS PEAK STAGE		5.90	5.90
10 PERCENT EXCEEDS	.79	2.6	1.4
50 PERCENT EXCEEDS	.47	.55	.49
90 PERCENT EXCEEDS	.27	.27	.26

* Also occurred on June 12, 1987.

SAVANNAH RIVER BASIN

021973455 INDIAN GRAVE BRANCH AT SAVANNAH RIVER SITE, SC

PERIOD OF RECORD.--March 1991 to September 1991.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: March 1991 to September 1991.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.0°C, July 24, 1991; minimum, 12.5°C, April 1, 1991.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.0°C, July 24, 1991; minimum, 12.5°C, April 1, 1991.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				---	---	---	18.0	12.5	15.5	24.0	21.0	22.5
2				---	---	---	18.0	13.0	15.5	23.5	20.5	22.0
3				---	---	---	18.5	13.5	16.0	22.5	18.5	20.0
4				---	---	---	18.0	15.0	16.5	20.0	18.5	19.5
5				---	---	---	17.0	15.5	16.0	22.5	19.5	20.5
6				---	---	---	19.0	15.0	16.5	23.0	20.0	21.0
7				---	---	---	20.5	15.5	18.0	23.0	19.5	21.0
8				---	---	---	21.5	18.0	19.5	23.0	18.5	21.0
9				---	---	---	20.5	18.0	19.5	22.5	20.5	21.5
10				---	---	---	22.0	18.0	19.5	23.5	20.5	21.5
11				---	---	---	20.0	16.0	18.5	24.5	20.5	22.0
12				---	---	---	20.0	18.0	19.0	23.5	21.0	22.0
13				---	---	---	19.0	17.5	18.5	23.5	21.0	22.0
14				---	---	---	22.0	18.5	20.0	24.5	21.0	22.5
15				---	---	---	21.5	19.5	20.5	25.0	21.5	23.0
16				---	---	---	22.5	19.0	20.5	25.5	22.5	24.0
17				---	---	---	22.5	19.5	21.0	26.0	22.5	24.0
18				---	---	---	22.5	19.0	20.5	26.0	23.0	24.5
19				---	---	---	21.5	19.5	20.5	24.5	22.0	23.5
20				---	---	---	19.5	18.0	18.5	22.0	19.5	20.5
21				---	---	---	19.0	17.0	18.0	21.5	19.5	20.5
22				---	---	---	18.0	14.5	16.5	22.5	21.0	21.5
23				---	---	---	19.5	16.5	17.5	23.0	21.0	22.0
24				---	---	---	20.5	16.5	18.5	23.5	21.5	22.5
25				---	---	---	19.0	16.5	17.0	25.0	22.0	23.0
26				---	---	---	19.0	16.5	17.5	24.5	22.5	23.5
27				20.0	16.0	17.5	19.5	18.0	18.5	25.5	23.5	24.5
28				20.5	17.5	19.0	22.0	18.0	19.5	26.5	23.0	24.5
29				19.0	17.0	18.0	23.5	19.5	21.5	27.5	24.0	25.5
30				19.5	15.0	17.0	24.5	20.0	22.0	26.5	24.0	25.5
31				17.5	14.0	16.0	---	---	---	26.5	23.0	24.5
MONTH				20.5	14.0	17.5	24.5	12.5	18.5	27.5	18.5	22.5

SAVANNAH RIVER BASIN

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.

GAGE.--Data collection platform. Elevation of gage is 160 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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	5.7	5.5	5.2	15	8.3	12	12	6.0	3.5	216	9.2
2	1.3	5.3	5.5	6.8	13	9.4	11	9.2	5.2	3.4	372	8.6
3	1.4	5.0	5.2	5.8	12	9.4	10	8.1	4.7	3.4	100	7.7
4	1.4	4.9	5.2	5.8	11	9.5	9.8	7.3	4.4	10	46	8.7
5	1.6	4.9	5.0	5.4	11	9.8	25	12	4.0	22	31	6.9
6	1.4	4.9	5.1	5.2	10	9.8	24	30	3.6	7.3	22	6.3
7	1.4	4.8	5.0	5.4	43	9.8	13	12	3.6	14	18	12
8	1.3	4.6	7.9	6.8	26	9.8	12	9.4	3.6	6.8	15	9.1
9	1.2	8.2	6.1	5.8	18	9.8	18	7.9	3.6	5.5	25	5.3
10	52	18	5.2	5.3	14	9.8	12	7.9	3.6	6.2	26	4.9
11	84	8.1	5.0	12	12	9.8	10	7.1	3.1	6.1	25	4.8
12	249	6.1	5.0	14	11	9.8	9.8	6.4	3.1	4.9	27	4.8
13	56	5.5	5.0	8.1	11	9.8	9.8	8.4	3.1	4.4	27	5.4
14	13	5.2	5.0	5.7	11	9.9	9.7	10	7.8	4.4	26	4.6
15	8.4	5.2	5.0	7.1	9.7	10	9.6	7.0	10	4.4	30	4.8
16	6.6	5.2	5.1	7.2	9.6	10	9.8	6.1	4.3	6.5	16	6.2
17	5.6	5.3	5.0	5.5	9.5	10	9.2	6.2	4.5	9.8	13	9.2
18	5.8	5.2	4.8	4.5	9.3	10	9.6	6.0	3.8	45	13	6.3
19	5.9	5.3	5.1	12	8.9	10	11	9.0	3.4	94	9.6	4.8
20	4.6	5.4	6.5	19	8.8	10	10	7.1	3.5	20	9.0	4.8
21	4.3	5.3	7.0	9.3	8.6	10	9.2	6.7	4.7	12	8.0	4.8
22	25	5.1	5.9	7.1	8.6	9.6	9.0	6.1	3.5	12	7.3	4.6
23	201	5.1	5.5	6.5	15	9.7	8.7	6.0	3.2	9.3	7.2	4.6
24	26	5.3	5.3	17	11	9.7	8.7	5.5	3.2	7.7	20	4.4
25	13	4.9	4.9	26	9.3	9.6	8.7	5.3	3.4	14	73	48
26	11	4.9	4.8	15	8.8	9.7	8.7	4.9	3.1	9.8	73	23
27	8.7	5.0	4.8	13	8.7	9.6	24	6.0	6.7	17	24	8.1
28	7.9	5.4	4.8	15	8.7	9.4	38	7.3	5.9	64	16	5.0
29	7.1	5.7	5.0	14	---	37	15	5.8	5.4	85	13	4.3
30	6.4	4.9	5.0	78	---	49	21	5.1	4.2	135	11	4.1
31	6.1	---	5.2	33	---	15	---	6.7	---	146	10	---
TOTAL	819.7	174.4	165.4	386.5	352.5	373.0	396.3	254.5	132.2	793.4	1329.1	245.3
MEAN	26.4	5.81	5.34	12.5	12.6	12.0	13.2	8.21	4.41	25.6	42.9	8.18
MAX	249	18	7.9	78	43	49	38	30	10	146	372	48
MIN	1.2	4.6	4.8	4.5	8.6	8.3	8.7	4.9	3.1	3.4	7.2	4.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	MEAN	6.67	6.24	5.58	9.85	10.9	11.3	8.58	7.61	4.67	6.98	9.76	3.94
MAX	26.4	11.3	7.71	28.6	20.1	29.9	20.8	34.3	10.5	25.6	42.9	8.18	
(WY)	1991	1987	1987	1987	1987	1987	1984	1984	1984	1991	1991	1991	
MIN	2.13	3.09	2.72	3.05	3.53	4.36	2.80	1.74	1.15	1.05	1.50	1.40	
(WY)	1990	1990	1989	1989	1989	1990	1990	1990	1990	1990	1988	1990	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	2150.42	5422.3	6.81	
ANNUAL MEAN	5.89	14.9	14.9	1991
HIGHEST ANNUAL MEAN			3.61	1989
LOWEST ANNUAL MEAN			372	Aug 2 1991
HIGHEST DAILY MEAN	249	Oct 12	372	* Aug 2 1991
LOWEST DAILY MEAN	.21	Jul 6	.21	Jul 6 1990
INSTANTANEOUS PEAK FLOW			697	Aug 1 1991
INSTANTANEOUS PEAK STAGE			9.62	Aug 1 1991
10 PERCENT EXCEEDS	6.4	25	13	
50 PERCENT EXCEEDS	3.7	8.1	4.5	
90 PERCENT EXCEEDS	.68	4.4	1.5	

* Also occurred on July 8, 9, 1990.

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 good, except for estimated daily discharges, Oct. 12, Apr. 6 - 8, Aug. 1, 2, and those above 500 ft³/s, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	63	75	39	127	154	113	88	55	77	450	289
2	30	66	69	48	107	214	120	74	60	68	760	80
3	34	72	69	45	102	337	120	99	61	76	293	67
4	44	57	72	44	98	407	118	101	48	95	217	63
5	44	49	70	51	95	340	151	128	43	116	191	54
6	45	47	69	60	103	411	145	167	95	86	176	53
7	45	48	83	60	258	436	140	101	232	92	173	56
8	45	54	99	64	234	420	130	64	353	78	180	62
9	44	67	89	61	206	331	134	61	297	74	242	52
10	102	110	83	60	305	221	129	61	102	73	499	50
11	263	76	80	87	431	220	125	56	181	50	467	53
12	680	66	77	96	370	182	163	55	146	38	376	61
13	258	64	75	71	390	196	149	76	51	47	224	65
14	100	63	78	64	450	379	115	75	49	61	241	53
15	79	63	78	60	388	186	118	55	60	86	239	52
16	86	61	76	55	221	182	114	48	43	90	215	52
17	76	61	81	69	105	251	216	47	257	92	196	56
18	82	64	88	67	146	203	337	45	147	150	166	54
19	74	68	90	110	150	356	390	47	164	243	142	52
20	69	64	91	150	181	423	355	48	151	123	130	52
21	66	65	91	104	151	431	435	49	78	100	124	51
22	101	65	80	93	125	452	436	45	69	100	164	48
23	562	65	77	89	124	240	429	44	68	121	181	48
24	164	65	70	131	109	76	402	44	67	164	430	126
25	104	65	63	149	161	71	85	39	71	204	532	188
26	84	63	54	106	99	144	69	43	78	178	538	183
27	77	66	41	98	90	418	96	40	155	184	443	152
28	70	78	38	100	110	433	207	41	266	252	426	133
29	67	80	37	99	---	285	255	34	205	336	408	128
30	66	76	37	292	---	236	116	33	94	311	419	246
31	64	---	38	216	---	133	---	32	---	332	422	---
TOTAL	3664	1971	2218	2838	5436	8768	5912	1940	3746	4097	9664	2679
MEAN	118	65.7	71.5	91.5	194	283	197	62.6	125	132	312	89.3
MAX	680	110	99	292	450	452	436	167	353	336	760	289
MIN	30	47	37	39	90	71	69	32	43	38	124	48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1991, BY WATER YEAR (WY)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
MEAN	267	227	275	276	261	312	297	279	248	261	276	246			
MAX	412	412	432	440	442	468	425	451	419	422	421	414			
(WY)	1982	1982	1982	1980	1978	1980	1982	1978	1982	1982	1982	1982			
MIN	42.7	40.4	41.4	41.0	46.4	48.0	69.1	47.9	24.9	48.9	33.8	40.0			
(WY)	1989	1989	1990	1990	1990	1990	1989	1988	1990	1990	1988	1990			

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1977 - 1991

ANNUAL TOTAL	20805		52933		255	
ANNUAL MEAN	57.0		145		383	1984
HIGHEST ANNUAL MEAN					48.6	1990
LOWEST ANNUAL MEAN					760	Aug 2 1991
HIGHEST DAILY MEAN	680	Oct 12	760	Aug 2	20	Jun 24 1988
LOWEST DAILY MEAN	22	Jun 1	30	Oct 2	Unknown	Aug 2 1991
INSTANTANEOUS PEAK FLOW			Unknown	Aug 2	6.08	Aug 2 1991
INSTANTANEOUS PEAK STAGE			6.08	Aug 2		
10 PERCENT EXCEEDS	80		355		430	
50 PERCENT EXCEEDS	48		93		373	
90 PERCENT EXCEEDS	30		48		48	

SAVANNAH RIVER BASIN

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 and data collection platform. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Jan. 29 - Feb. 5, 12 - 27, Mar. 24 - Apr. 4, 18 - 23. Records poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.18	.34	.37	.55	2.0	.58	155	.33	.21	99	135	5.5
2	.16	.36	.43	.62	1.0	1.5	160	.35	.23	90	125	5.9
3	.16	.36	.46	.46	.70	1.2	162	.40	.20	98	123	6.0
4	.19	.32	.46	.42	.60	.60	165	.46	.18	98	124	8.4
5	.16	.35	.46	.40	.52	.45	170	.55	.18	97	122	13
6	.17	.35	.46	.39	.46	.33	165	.64	.17	97	124	13
7	.16	.35	.50	.43	3.2	.39	164	.41	.17	97	123	13
8	.16	.34	.77	.35	.81	.36	163	.37	.16	53	126	13
9	.16	1.5	.50	.30	.50	.36	156	.25	.18	2.9	130	13
10	11	.77	.48	.30	.32	.32	157	.21	.19	5.0	143	13
11	3.3	.50	.50	2.0	.32	.28	156	.20	.18	2.9	143	13
12	5.1	.48	.51	.82	.31	.31	138	.20	.16	54	141	13
13	.48	.47	.50	.58	.29	.83	108	.39	.16	117	139	13
14	.35	.46	.52	.50	.27	.51	106	.22	1.3	125	142	13
15	.32	.44	.48	.58	.26	.48	105	.21	.25	126	141	13
16	.28	.43	.46	.72	.25	.46	102	.18	.15	118	139	13
17	.27	.48	.51	.67	.25	.46	87	.17	.12	121	143	13
18	.34	.50	.56	.76	.26	.56	70	.17	.15	123	97	13
19	.33	.54	.56	2.4	.27	.46	55	.18	.16	118	24	13
20	.32	.53	.79	1.4	.30	.46	42	.18	2.0	87	13	13
21	.32	.52	.50	.90	.28	.42	33	.21	72	94	2.2	13
22	6.0	.50	.51	.88	.26	7.8	20	.22	5.7	102	5.3	7.3
23	1.8	.51	.45	.82	.31	32	10	.21	111	117	5.4	1.4
24	.54	.55	.45	2.9	.28	58	5.2	.16	98	127	5.2	1.4
25	.44	.53	.43	1.2	.27	52	.34	.15	92	128	5.7	3.1
26	.46	.54	.44	.84	.28	90	.32	.41	77	128	4.7	1.6
27	.42	.54	.41	.76	.29	110	.25	.18	81	129	4.6	1.4
28	.40	.61	.41	.87	.32	130	.24	.21	89	118	4.5	1.7
29	.41	.57	.39	2.5	---	135	.23	.18	96	118	4.7	15
30	.43	.52	.39	7.0	---	140	.23	.50	99	119	5.7	14
31	.39	---	.37	3.5	---	150	---	.39	---	119	5.1	---
TOTAL	35.20	15.26	15.03	36.82	15.18	916.12	2655.81	8.89	827.20	3027.8	2450.1	293.7
MEAN	1.14	.51	.48	1.19	.54	29.6	88.5	.29	27.6	97.7	79.0	9.79
MAX	11	1.5	.79	7.0	3.2	150	170	.64	111	129	143	15
MIN	.16	.32	.37	.30	.25	.28	.23	.15	.12	2.9	2.2	1.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	5.73	3.11	3.54	8.61	6.06	9.14	23.7	5.08	8.15	19.4	12.3	11.0
MEAN												
MAX	24.2	15.0	19.2	40.1	21.7	29.6	88.5	31.7	27.6	97.7	79.0	51.6
(WY)	1985	1985	1985	1984	1984	1991	1991	1984	1991	1991	1991	1988
MIN	.21	.19	.30	.17	.13	.12	.11	.17	.27	.23	.28	.27
(WY)	1990	1990	1990	1990	1990	1990	1990	1988	1988	1988	1989	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	1318.23	10297.11	
ANNUAL MEAN	3.61	28.2	8.37
HIGHEST ANNUAL MEAN			28.2
LOWEST ANNUAL MEAN			.47
HIGHEST DAILY MEAN	45	170	170
LOWEST DAILY MEAN	.08	.12	.08
INSTANTANEOUS PEAK FLOW		225	225
INSTANTANEOUS PEAK STAGE		2.97	2.97
10 PERCENT EXCEEDS	18	123	26
50 PERCENT EXCEEDS	.30	.56	1.0
90 PERCENT EXCEEDS	.10	.21	.19

* Also occurred on June 3, 5 - 7, 1988, Jan. 22, 23, 1990.

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.--Data collection platform.

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, June 17; minimum, 3.0°C, Feb. 16.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SAVANNAH RIVER BASIN

02197351 P-013 AT SAVANNAH RIVER PLANT. SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.5	7.0	9.0	17.5	11.0	14.0	17.0	16.0	16.5	27.0	20.5	22.5
2	14.5	7.5	10.0	16.0	13.5	15.0	17.0	16.0	16.5	28.0	19.0	22.0
3	15.5	9.0	11.5	17.0	13.5	14.5	18.0	16.5	17.0	27.5	16.5	20.5
4	16.5	9.0	12.0	17.0	11.5	13.5	18.5	18.0	18.0	23.0	18.5	20.0
5	16.0	9.0	12.5	---	---	---	18.5	18.0	18.5	27.0	20.0	22.0
6	15.5	13.0	14.0	17.0	11.0	14.0	18.5	17.5	18.0	25.0	20.0	22.0
7	17.5	13.5	15.0	22.0	15.0	17.5	18.5	18.0	18.0	27.0	18.5	22.0
8	14.0	11.5	13.0	16.0	12.0	14.0	18.5	18.5	18.5	27.0	17.5	21.5
9	16.0	9.5	12.0	17.5	10.0	13.0	18.5	18.0	18.5	25.0	19.5	21.5
10	15.5	8.5	11.5	16.5	9.5	12.0	18.5	17.5	18.0	28.0	20.0	23.0
11	15.0	8.5	11.0	17.0	8.0	11.5	19.0	17.5	18.5	29.5	20.0	23.5
12	15.0	8.0	10.5	18.0	9.5	13.0	20.5	19.0	20.0	26.5	20.0	22.5
13	14.0	9.0	11.5	17.0	13.0	14.5	20.5	20.0	20.0	26.5	21.0	22.5
14	16.5	11.0	13.5	18.0	11.5	14.5	21.0	20.0	20.5	27.5	21.0	23.5
15	10.5	5.0	8.5	15.5	10.5	12.5	20.5	20.0	20.5	29.5	20.5	24.0
16	9.5	3.0	5.5	15.0	10.5	12.5	20.0	19.0	19.5	28.5	21.5	24.0
17	9.0	4.5	7.0	14.0	11.5	12.5	20.5	19.0	19.5	29.5	21.0	24.0
18	16.0	8.5	11.5	21.0	13.5	16.0	26.0	17.5	21.0	28.0	21.0	23.5
19	17.5	11.5	14.0	20.0	12.0	15.0	22.5	18.5	20.0	24.5	19.5	22.5
20	20.0	12.5	16.0	20.5	11.0	15.0	21.0	17.5	19.0	21.0	18.5	19.5
21	21.0	15.0	17.5	19.5	12.5	16.0	20.5	15.5	18.0	23.5	19.5	21.0
22	20.5	16.0	17.5	23.0	14.5	17.5	22.5	13.5	17.0	24.0	20.5	22.0
23	17.0	11.5	15.0	16.0	14.0	15.0	22.0	16.5	18.5	25.0	20.5	22.5
24	15.0	10.5	12.5	15.5	14.0	15.0	25.5	16.0	19.5	25.5	21.0	23.0
25	15.5	11.5	13.0	16.0	14.0	14.5	20.0	15.5	17.5	28.5	21.0	24.0
26	15.0	11.0	13.0	15.5	14.0	15.0	21.5	16.5	19.0	26.0	21.0	23.0
27	15.5	8.0	11.0	17.0	15.5	16.5	21.5	18.5	20.0	27.5	22.5	24.5
28	16.5	8.5	12.0	16.5	16.0	16.0	25.0	18.5	21.0	29.5	22.5	25.0
29	---	---	---	16.5	16.0	16.0	28.0	19.0	22.5	30.5	22.5	25.5
30	---	---	---	16.5	15.5	16.0	27.0	20.5	23.0	27.5	23.0	24.5
31	---	---	---	16.0	15.0	15.5	---	---	---	29.5	22.0	24.5
MONTH	21.0	3.0	12.0	23.0	8.0	14.5	28.0	13.5	19.0	30.5	16.5	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	30.5	21.5	25.0	27.5	26.5	27.0	29.0	27.0	28.5	29.0	26.5	27.5

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 and data collection platform. Elevation of gage is 208 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Estimated daily discharges, Oct. 10, 12, Nov. 2 - 8, 10 - 27, 29 - Dec. 7, 9 - 19, 21 - Jan. 1, 3 - 9, 29, 30, Mar. 29, Apr. 5 - 12, 19 - May 3, 9 - 11, 15 - 20, 22 - 24, June 1 - 14, 16, 17, 23, July 8, 9, 18, 19, 25, 27, 29, 30, Aug. 8 - 18, 29 - Sept. 3, 21 - 24. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	2.9	1.1	1.6	4.2	3.2	110	1.4	2.0	103	174	8.5
2	1.1	1.7	1.2	2.1	3.4	6.1	115	1.4	1.8	92	220	8.4
3	1.1	1.4	1.3	1.5	3.1	16	122	1.4	1.6	101	161	8.6
4	1.2	1.2	1.3	1.4	3.0	9.7	120	2.0	1.3	101	157	8.3
5	1.1	1.1	1.2	1.4	2.8	6.5	116	4.4	1.1	100	147	14
6	1.2	1.2	1.3	1.3	2.8	5.5	118	5.1	.90	99	149	15
7	1.2	1.5	.90	1.5	7.4	5.1	116	2.8	1.0	99	149	14
8	1.2	1.7	2.4	1.3	5.6	4.8	115	2.3	1.2	70	154	14
9	1.2	3.0	1.0	1.6	4.4	4.8	112	1.8	1.5	5.5	157	14
10	12	2.5	.90	2.2	3.7	4.6	110	1.6	1.7	6.4	165	14
11	12	2.0	1.3	3.7	3.4	4.5	108	1.8	1.3	3.9	164	13
12	38	1.5	1.4	2.5	3.2	4.4	106	2.0	1.2	53	164	13
13	7.9	1.3	1.5	2.2	3.2	5.5	104	2.4	2.0	132	164	14
14	4.6	1.3	1.4	2.2	3.1	5.1	97	2.3	2.7	143	172	14
15	3.9	1.2	1.2	2.2	2.9	4.8	95	1.7	1.9	145	177	14
16	3.7	1.2	1.3	2.4	2.9	4.5	91	1.4	1.2	134	172	15
17	3.6	1.1	1.5	2.0	2.8	4.7	80	1.2	.90	141	174	15
18	3.4	1.3	1.6	2.0	2.8	4.8	23	1.1	1.6	153	103	15
19	3.5	1.5	1.7	3.8	2.8	4.5	18	1.3	1.6	147	29	15
20	3.5	1.8	2.4	3.1	3.0	4.5	14	1.5	2.8	90	22	15
21	3.5	1.5	1.8	2.5	3.0	4.6	10	1.8	74	98	9.2	13
22	13	1.4	1.7	2.4	2.9	11	5.0	1.5	8.1	105	5.7	11
23	28	1.6	1.5	2.3	3.1	52	3.0	1.0	103	127	6.0	2.4
24	6.9	1.5	1.4	4.4	3.1	51	2.2	.80	102	135	4.8	2.3
25	6.1	1.3	1.5	3.2	3.0	45	1.9	1.7	93	147	6.1	3.9
26	6.1	1.2	1.6	2.7	3.0	80	1.7	1.9	80	142	5.2	1.6
27	5.9	1.4	1.4	2.5	3.0	105	1.6	1.5	82	157	4.5	1.4
28	5.4	2.3	1.4	2.6	3.1	104	1.6	1.1	91	136	4.3	1.4
29	4.6	1.5	1.3	2.3	---	110	1.5	1.6	100	141	4.3	18
30	3.9	1.0	1.3	13	---	113	1.5	1.9	103	144	4.4	18
31	3.7	---	1.2	6.7	---	109	---	1.7	---	136	4.2	---
TOTAL	193.8	47.1	44.00	86.6	94.7	898.2	1920.0	57.40	867.40	3386.8	3032.7	334.8
MEAN	6.25	1.57	1.42	2.79	3.38	29.0	64.0	1.85	28.9	109	97.8	11.2
MAX	38	3.0	2.4	13	7.4	113	122	5.1	103	157	220	18
MIN	1.1	1.0	.90	1.3	2.8	3.2	1.5	.80	.90	3.9	4.2	1.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1991, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MEAN	3.81	1.77	1.68	2.08	2.21	7.49	25.0	2.79	10.7	25.9	18.0	13.4
MAX	7.16	2.66	2.33	2.79	3.38	29.0	64.0	8.28	28.9	109	97.8	62.1
(WY)	1987	1988	1988	1991	1991	1991	1991	1990	1991	1991	1991	1988
MIN	1.16	1.24	1.13	.97	.96	.95	.97	1.01	.94	.95	1.00	1.19
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1986 - 1991

ANNUAL TOTAL	2229.78	10963.50	10.2
ANNUAL MEAN	6.11	30.0	30.0
HIGHEST ANNUAL MEAN			1.04
LOWEST ANNUAL MEAN			220
HIGHEST DAILY MEAN	47	220	Aug 2 1991
LOWEST DAILY MEAN	.90	.80	May 24 1989
INSTANTANEOUS PEAK FLOW		Unknown	.75
INSTANTANEOUS PEAK STAGE		5.57	Aug 2 1991
10 PERCENT EXCEEDS	25	117	14
50 PERCENT EXCEEDS	1.6	3.4	1.8
90 PERCENT EXCEEDS	1.2	1.3	.97

SAVANNAH RIVER BASIN

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.--No estimated daily discharges. Records good. Flow completely regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	149	92	114	79	120	109	146	167	107	180	121
2	110	153	89	114	78	120	111	116	157	111	180	102
3	102	93	90	115	77	120	111	108	159	107	180	104
4	93	97	89	115	76	107	111	109	166	113	180	104
5	94	98	97	113	77	108	125	110	166	115	180	105
6	94	98	102	111	68	102	128	109	156	115	180	106
7	95	98	86	109	49	104	135	95	137	115	180	106
8	95	100	86	108	49	95	134	113	129	109	177	108
9	94	100	86	109	49	92	134	112	129	108	173	108
10	105	99	84	110	69	121	133	112	125	117	104	108
11	69	99	85	111	82	126	133	112	99	114	94	110
12	70	99	86	111	100	156	126	111	126	150	97	110
13	70	99	77	112	81	185	123	110	130	190	101	109
14	74	101	74	112	77	171	120	114	115	202	93	106
15	84	100	74	113	93	185	119	118	108	189	94	105
16	63	100	90	115	105	184	120	119	109	199	96	107
17	78	101	78	107	89	183	126	118	126	205	96	106
18	103	98	74	107	98	175	128	124	135	205	85	106
19	89	96	62	107	98	158	125	120	135	179	104	106
20	89	94	64	92	102	153	129	122	137	174	107	104
21	94	95	65	92	99	154	130	158	103	174	58	103
22	109	95	75	92	103	152	143	167	86	172	83	102
23	106	95	82	90	106	169	160	167	87	168	95	101
24	106	94	89	87	106	145	162	166	92	178	53	98
25	107	94	86	86	93	108	184	167	101	178	46	100
26	102	94	95	86	107	110	185	168	104	178	36	91
27	102	91	114	84	95	106	185	169	103	177	39	77
28	101	90	120	85	99	106	176	168	102	174	45	85
29	101	90	117	88	---	114	175	168	106	175	56	84
30	104	92	116	91	---	114	174	169	104	176	96	83
31	103	---	115	81	---	113	---	168	---	176	121	---
TOTAL	2914	3002	2739	3167	2404	4156	4154	4133	3699	4850	3409	3065
MEAN	94.0	100	88.4	102	85.9	134	138	133	123	156	110	102
MAX	110	153	120	115	107	185	185	169	167	205	180	121
MIN	63	90	62	81	49	92	109	95	86	107	36	77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1991, BY WATER YEAR (WY)

	MEAN	92.7	149	196	195	203	224	254	238	238	128	97.0	102
MAX	106	283	369	328	364	334	371	362	362	362	156	162	150
(WY)	1989	1988	1987	1986	1987	1987	1986	1988	1987	1991	1989	1989	1989
MIN	67.6	67.4	62.6	66.5	74.5	114	138	133	123	70.9	66.5	47.9	
(WY)	1987	1989	1989	1989	1989	1989	1991	1991	1991	1990	1986	1988	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1986 - 1991

ANNUAL TOTAL	38300	41692	
ANNUAL MEAN	105	114	
HIGHEST ANNUAL MEAN			167
LOWEST ANNUAL MEAN			254
HIGHEST DAILY MEAN	183	205	470
LOWEST DAILY MEAN	48	36	3.1
INSTANTANEOUS PEAK FLOW		244	536
INSTANTANEOUS PEAK STAGE		9.22	20.87
10 PERCENT EXCEEDS	158	173	365
50 PERCENT EXCEEDS	96	107	129
90 PERCENT EXCEEDS	70	82	63

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.--Data collection platform.

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, 30.5°C, Aug. 6, 7; minimum, 8.0°C, Jan. 27, Feb. 18.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.0	10.5	10.5	12.5	11.0	11.5	16.0	15.0	15.5	20.5	20.0	20.5
2	11.0	10.0	10.5	13.0	12.0	12.5	16.0	15.5	16.0	20.5	19.5	20.0
3	11.0	10.5	10.5	13.5	13.0	13.0	16.5	16.0	16.0	19.5	18.5	19.0
4	11.0	10.5	11.0	13.5	12.5	12.5	16.0	15.0	15.5	18.5	18.0	18.0
5	11.5	11.0	11.0	12.5	12.0	12.5	17.0	14.5	16.0	18.5	18.0	18.0
6	12.0	11.5	12.0	13.0	12.5	13.0	16.5	16.0	16.0	18.5	18.0	18.0
7	12.5	12.0	12.5	14.0	13.0	13.5	16.5	16.0	16.5	18.5	18.0	18.0
8	12.5	12.0	12.5	14.0	13.5	13.5	17.5	16.5	17.0	18.5	18.0	18.0
9	12.0	12.0	12.0	13.5	12.5	13.0	18.0	17.5	18.0	18.5	18.0	18.5
10	12.0	11.5	11.5	12.5	11.5	12.0	18.5	18.0	18.0	19.0	18.5	18.5
11	11.5	11.5	11.5	11.5	11.0	11.5	18.0	17.5	17.5	19.0	18.5	18.5
12	11.5	11.0	11.5	12.0	11.0	11.5	17.5	16.5	17.5	19.5	19.0	19.0
13	11.5	11.0	11.5	13.0	12.0	12.5	16.5	16.5	16.5	20.0	19.5	19.5
14	12.0	11.5	11.5	13.0	12.5	13.0	17.0	16.5	16.5	20.5	20.0	20.5
15	11.5	10.0	11.0	13.0	12.5	13.0	18.0	17.0	17.5	20.5	20.0	20.5
16	10.0	9.0	9.5	12.5	12.0	12.5	18.5	18.0	18.0	20.5	20.0	20.0
17	9.0	8.5	9.0	12.5	12.0	12.0	18.5	17.5	18.0	20.5	20.0	20.5
18	9.5	8.0	8.5	13.5	12.5	12.5	17.5	17.0	17.0	21.0	20.5	20.5
19	11.0	9.5	10.5	14.0	13.5	13.5	17.5	17.0	17.0	---	---	---
20	12.5	11.0	11.5	14.5	13.5	14.0	17.5	17.0	17.0	20.0	20.0	20.0
21	13.5	12.5	13.0	15.0	14.0	14.5	17.0	16.5	16.5	20.0	19.0	19.5
22	14.0	13.5	14.0	16.0	15.0	15.5	16.5	16.0	16.0	19.0	19.0	19.0
23	14.0	13.5	14.0	17.5	16.0	17.0	17.0	16.5	16.5	19.0	19.0	19.0
24	13.5	12.5	13.0	17.5	17.0	17.0	17.5	17.0	17.5	19.5	19.0	19.5
25	12.5	12.0	12.5	17.5	17.0	17.0	17.5	17.0	17.5	19.5	19.5	19.5
26	12.0	11.5	12.0	17.5	17.0	17.0	17.5	17.0	17.5	20.0	19.5	20.0
27	11.5	11.0	11.5	17.5	17.0	17.0	17.5	17.5	17.5	21.0	20.0	20.5
28	11.5	11.0	11.0	17.5	17.0	17.0	18.5	17.5	18.0	21.5	21.0	21.0
29	---	---	---	17.0	17.0	17.0	19.5	18.5	19.0	21.0	20.5	20.5
30	---	---	---	17.0	16.0	16.5	20.0	19.5	20.0	20.5	20.5	20.5
31	---	---	---	16.0	15.5	15.5	---	---	---	21.0	20.5	20.5
MONTH	14.0	8.0	11.5	17.5	11.0	14.0	20.0	14.5	17.0	21.5	18.0	19.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.5	21.0	21.0	24.0	23.0	23.5	29.0	28.0	28.5	25.0	24.0	24.5
2	21.5	21.0	21.5	25.5	24.0	25.0	28.0	26.5	27.0	24.5	24.0	24.5
3	22.5	21.5	22.0	25.5	25.0	25.0	---	---	---	24.5	24.0	24.0
4	23.0	22.0	22.5	25.0	24.5	24.5	---	---	---	25.0	24.5	24.5
5	23.0	22.5	23.0	24.5	24.0	24.5	---	---	---	25.5	24.5	25.0
6	22.5	21.5	22.0	24.5	24.0	24.0	30.5	29.0	29.5	25.5	25.0	25.5
7	21.5	21.0	21.0	---	---	---	30.5	29.5	30.0	25.5	25.5	25.5
8	21.0	20.5	21.0	---	---	---	29.5	28.5	29.5	25.5	25.0	25.5
9	21.0	21.0	21.0	---	---	---	29.5	28.0	29.0	25.0	25.0	25.0
10	21.5	20.5	21.0	24.0	24.0	24.0	28.0	26.5	27.0	25.0	25.0	25.0
11	22.0	21.0	21.5	24.0	24.0	24.0	27.5	26.5	27.0	25.0	24.5	25.0
12	22.5	22.0	22.0	27.0	24.0	25.5	27.5	27.0	27.5	25.0	24.5	24.5
13	23.0	22.5	22.5	27.5	27.0	27.0	27.5	27.0	27.0	24.5	24.0	24.5
14	22.5	22.0	22.5	28.5	27.5	28.0	27.0	26.0	26.5	25.0	24.5	24.5
15	22.5	22.0	22.5	28.5	28.0	28.5	---	---	---	25.0	24.5	25.0
16	23.0	22.5	22.5	28.5	28.5	28.5	---	---	---	25.5	25.0	25.5
17	24.0	22.5	23.0	28.5	28.0	28.0	---	---	---	26.0	25.5	25.5
18	24.5	24.0	24.0	28.0	27.5	27.5	---	---	---	26.0	25.5	25.5
19	24.5	24.0	24.0	27.5	26.0	27.0	---	---	---	26.0	25.5	25.5
20	24.0	23.5	24.0	---	---	---	25.5	24.5	25.0	25.5	24.0	25.0
21	23.5	23.5	23.5	---	---	---	25.0	24.5	24.5	24.0	22.5	23.0
22	24.0	23.5	23.5	---	---	---	24.5	24.0	24.5	22.5	22.0	22.5
23	24.0	23.5	24.0	29.0	28.5	29.0	25.5	24.5	25.0	22.5	22.0	22.5
24	24.0	23.5	23.5	29.5	28.5	29.0	25.5	25.0	25.5	23.0	22.5	23.0
25	24.5	23.5	24.0	29.0	28.5	29.0	25.5	25.0	25.5	23.0	23.0	23.0
26	24.5	24.5	24.5	29.5	28.5	29.0	25.5	25.0	25.0	23.0	22.5	22.5
27	24.5	24.0	24.5	29.5	29.0	29.5	25.5	24.5	25.0	22.5	22.0	22.5
28	24.0	22.5	23.5	29.5	29.0	29.5	25.0	24.5	24.5	22.0	21.5	22.0
29	22.5	22.5	22.5	29.5	29.0	29.5	25.0	24.0	24.5	21.5	21.0	21.5
30	23.0	22.5	22.5	29.5	29.0	29.0	24.5	23.5	24.0	22.0	21.5	21.5
31	---	---	---	29.0	28.5	29.0	24.5	23.5	24.0	---	---	---
MONTH	24.5	20.5	22.5	29.5	23.0	27.0	30.5	23.5	26.5	26.0	21.0	24.0
YEAR	30.5	8.0	18.5									

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, 7.85 ft, Oct. 12, 1990; minimum, 5.97 ft, July 24, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.85 ft, Oct. 12; minimum, 5.97 ft, July 24.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.07	7.22	6.77	7.11	7.26	7.04	7.28	7.33	6.65	6.79	7.21	6.37
2	7.11	7.23	6.56	7.09	7.14	7.14	7.22	7.33	6.70	6.75	7.69	6.45
3	7.15	7.17	6.48	7.02	7.03	7.22	7.15	7.28	6.73	6.71	7.51	6.49
4	7.18	7.15	6.45	6.97	6.93	7.21	7.09	7.18	6.79	6.70	7.28	6.53
5	7.19	7.13	6.44	6.93	6.82	7.07	7.08	7.09	6.83	6.75	7.04	6.59
6	7.19	7.11	6.49	6.87	6.73	6.90	7.13	6.99	6.84	6.74	6.77	6.67
7	7.19	7.11	6.52	6.82	6.66	6.73	7.19	6.88	6.83	6.74	6.52	6.76
8	7.19	7.11	6.60	6.78	6.60	6.58	7.27	6.75	6.81	6.71	6.41	6.86
9	7.18	7.07	6.61	6.74	6.51	6.42	7.35	6.66	6.78	6.64	6.50	6.95
10	7.35	6.99	6.62	6.68	6.40	6.25	7.39	6.62	6.75	6.60	6.62	7.03
11	7.67	7.02	6.65	6.68	6.31	6.20	7.38	6.56	6.68	6.56	6.76	7.10
12	7.76	7.05	6.67	6.70	6.29	6.15	7.35	6.51	6.63	6.54	6.77	7.15
13	7.43	7.07	6.68	6.66	6.32	6.24	7.23	6.50	6.61	6.73	6.78	7.20
14	6.96	7.08	6.70	6.63	6.35	6.33	7.06	6.50	6.61	6.98	6.82	7.23
15	6.87	7.10	6.71	6.57	6.38	6.39	6.88	6.45	6.63	7.16	6.86	7.28
16	6.87	7.12	6.71	6.55	6.39	6.46	6.72	6.41	6.60	7.23	6.88	7.28
17	6.84	7.15	6.72	6.53	6.42	6.52	6.60	6.38	6.55	7.26	6.88	7.30
18	6.86	7.17	6.73	6.48	6.47	6.61	6.55	6.34	6.53	7.28	6.90	7.31
19	6.89	7.17	6.75	6.48	6.52	6.66	6.55	6.29	6.53	7.27	6.71	7.32
20	6.89	7.17	6.77	6.57	6.59	6.68	6.54	6.22	6.52	6.97	6.56	7.32
21	6.89	7.17	6.77	6.61	6.67	6.69	6.53	6.20	6.55	6.61	6.31	7.29
22	6.98	7.17	6.77	6.64	6.73	6.70	6.50	6.22	6.55	6.31	---	7.28
23	7.47	7.17	6.78	6.68	6.84	6.76	6.50	6.24	6.55	6.05	---	7.25
24	---	7.17	6.83	6.77	6.91	6.90	6.53	6.28	6.62	---	6.19	7.21
25	---	7.17	6.83	6.88	6.95	6.95	6.57	6.30	6.70	---	6.25	7.20
26	7.12	7.17	6.83	6.90	7.01	6.95	6.65	6.35	6.79	---	6.32	7.27
27	7.13	7.17	6.86	6.92	7.04	7.01	6.80	6.39	6.84	---	6.30	7.23
28	7.15	7.17	6.91	6.96	7.05	7.10	7.02	6.44	6.84	---	6.27	7.15
29	7.17	7.16	6.95	7.01	---	7.20	7.10	6.48	6.84	---	6.25	7.10
30	7.18	7.01	7.01	7.21	---	7.39	7.27	6.53	6.82	6.88	6.24	7.07
31	7.19	---	7.06	7.34	---	7.35	---	6.58	---	7.03	6.28	---
MEAN	7.14	7.13	6.72	6.80	6.69	6.77	6.95	6.59	6.69	6.80	6.69	7.04
MAX	7.76	7.23	7.06	7.34	7.26	7.39	7.39	7.33	6.84	7.28	7.69	7.32
MIN	6.84	6.99	6.44	6.48	6.29	6.15	6.50	6.20	6.52	6.05	6.19	6.37

SAVANNAH RIVER BASIN

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.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.5°C, July 12, 1991; minimum, 6.5°C, Dec. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 33.5°C, July 12; minimum, 9.5°C, Jan. 26, Feb. 16 - 18.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SAVANNAH RIVER BASIN

021973537 STEEL CREEK BELOW L-LAKE AT SAVANNAH RIVER SITE, SC

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 Site, SC.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 123 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Flow regulated by Savannah River Site operations.

1989 WATER YEAR: Estimated daily discharges, Oct. 5, 6, Nov. 26 - 28, Mar. 12, 13, June 22 - 27, July 5 - 11, 21 - 25, Aug. 20 - 22. Records poor.

1990 WATER YEAR: Estimated daily discharges, Oct. 7 - 31, Feb. 1 - 10, 13 - 15, Aug. 29 - 31. Records poor.

1991 WATER YEAR: Estimated daily discharges, Feb. 5 - 7, Apr. 14 - 30, May 1 - 9, Aug. 10 - 31, Sept. 1 - 4. Records poor.

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	66	49	49	49	49	57	93	102	94	71	110	47
2	47	49	49	49	49	57	93	110	93	71	110	47
3	45	49	47	50	49	58	93	120	93	72	97	47
4	45	49	44	49	49	57	93	113	91	72	88	48
5	45	49	45	49	49	74	93	103	91	72	88	48
6	46	49	45	49	48	96	93	103	91	72	88	49
7	46	49	45	49	48	100	93	102	91	72	109	49
8	44	49	45	49	47	105	93	102	91	72	142	49
9	42	49	46	49	47	102	93	102	93	72	154	94
10	43	49	46	49	47	97	94	102	92	82	155	145
11	45	49	46	49	47	98	94	102	92	94	155	173
12	45	49	46	49	47	97	95	102	92	94	156	202
13	45	49	46	49	46	95	97	103	92	95	162	201
14	64	49	46	49	46	95	97	104	92	95	189	200
15	85	49	46	49	45	95	98	100	92	95	183	199
16	86	49	46	49	45	94	97	99	92	95	134	173
17	86	49	46	49	45	94	97	100	92	95	143	133
18	87	49	46	49	45	94	100	101	92	95	144	120
19	87	49	47	49	46	94	103	101	94	63	139	119
20	87	49	47	49	46	94	103	100	97	41	135	119
21	87	49	47	49	47	94	103	96	108	65	165	126
22	87	49	47	49	49	93	103	92	107	72	157	132
23	87	49	47	49	54	93	103	92	110	80	90	131
24	87	49	47	49	54	94	103	92	110	84	61	131
25	87	49	47	49	56	93	103	93	118	88	40	131
26	87	49	47	49	56	93	103	93	127	98	37	131
27	87	49	47	49	56	93	103	93	109	109	37	130
28	87	49	48	49	57	93	103	93	92	109	37	130
29	87	49	48	49	---	93	102	94	84	109	43	130
30	87	49	48	49	---	93	102	94	71	110	47	130
31	72	---	48	49	---	93	---	94	---	110	47	---
TOTAL	2128	1470	1444	1520	1369	2778	2940	3097	2883	2624	3442	3564
MEAN	68.6	49.0	46.6	49.0	48.9	89.6	98.0	99.9	96.1	84.6	111	119
MAX	87	49	49	50	57	105	103	120	127	110	189	202
MIN	42	49	44	49	45	57	93	92	71	41	37	47

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

	MEAN	68.6	49.0	46.6	49.0	48.9	89.6	98.0	99.9	96.1	84.6	111	119
MAX	68.6	49.0	46.6	49.0	48.9	89.6	98.0	99.9	96.1	84.6	111	119	119
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989
MIN	68.6	49.0	46.6	49.0	48.9	89.6	98.0	99.9	96.1	84.6	111	119	119
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989

SUMMARY STATISTICS

FOR 1989 WATER YEAR

ANNUAL TOTAL	29259
ANNUAL MEAN	80.2
HIGHEST DAILY MEAN	202
LOWEST DAILY MEAN	37
INSTANTANEOUS PEAK FLOW	229
INSTANTANEOUS PEAK STAGE	9.45

Sep 12
Aug 26
Aug 15
Aug 15

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	132	46	45	114	53	51	110	87	102	47	45	61
2	154	47	45	114	52	51	90	87	102	11	44	41
3	178	48	45	113	52	52	90	87	102	11	41	39
4	178	49	45	113	53	52	90	87	102	11	39	33
5	163	49	45	113	53	52	90	87	102	11	39	26
6	154	61	45	121	53	52	89	87	102	11	39	26
7	110	77	45	133	53	52	89	87	103	11	40	26
8	91	77	45	133	53	52	89	87	97	11	42	26
9	40	76	80	110	53	52	89	87	57	25	41	22
10	32	76	103	85	53	52	89	87	57	39	41	22
11	27	76	103	76	53	52	89	86	56	40	41	22
12	25	76	103	76	53	52	89	86	56	41	41	22
13	25	75	102	76	53	52	89	86	56	42	41	22
14	25	75	101	70	53	53	88	86	56	42	41	23
15	26	75	101	66	53	119	88	96	57	42	41	23
16	26	74	101	66	53	191	88	107	56	43	42	23
17	26	75	101	61	52	191	88	115	56	44	42	28
18	35	75	101	55	52	175	88	116	56	40	42	31
19	35	75	192	54	53	146	88	115	56	44	42	31
20	32	75	249	54	53	114	88	113	56	51	43	31
21	30	74	45	54	53	75	88	111	56	51	43	31
22	27	72	45	54	52	46	88	110	56	51	37	31
23	26	70	45	54	52	46	88	110	56	46	40	31
24	25	66	45	54	52	46	88	110	56	40	49	31
25	25	65	46	54	51	46	88	110	56	40	68	31
26	24	67	46	54	51	46	88	110	56	43	82	32
27	24	67	47	54	51	46	87	110	56	46	98	32
28	23	67	49	53	51	46	87	110	56	47	124	32
29	23	56	50	53	---	98	87	102	56	47	184	32
30	26	45	70	53	---	155	87	102	56	47	110	32
31	31	---	102	53	---	155	---	102	---	46	73	---
TOTAL	1798	2006	2387	2393	1469	2468	2674	3063	2047	1121	1735	893
MEAN	58.0	66.9	77.0	77.2	52.5	79.6	89.1	98.8	68.2	36.2	56.0	29.8
MAX	178	77	249	133	53	191	110	116	103	51	184	61
MIN	23	45	45	53	51	46	87	86	56	11	37	22

[illegible]

SUMMARY STATISTICS	FOR 1989 CALENDAR YEAR		FOR 1990 WATER YEAR		WATER YEARS 1989 - 1990	
ANNUAL TOTAL	30408		24054			
ANNUAL MEAN	83.3		65.9		73.0	
HIGHEST ANNUAL MEAN					80.2	
LOWEST ANNUAL MEAN					65.9	
HIGHEST DAILY MEAN	249	Dec 20	249	Dec 20	249	Dec 20 1989
LOWEST DAILY MEAN	23	Oct 28	11	Jul 2	11	Jul 2 1990
INSTANTANEOUS PEAK FLOW			314	Dec 19	314	Dec 19 1989
INSTANTANEOUS PEAK STAGE			9.81	Dec 19	9.81	Dec 19 1989
10 PERCENT EXCEEDS	130		110		110	
50 PERCENT EXCEEDS	92		53		57	
90 PERCENT EXCEEDS	45		28		40	

SAVANNAH RIVER BASIN

021973537 STEEL CREEK BELOW L-LAKE AT SAVANNAH RIVER SITE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	87	149	68	95	80	165	85	69	153	172	31
2	39	144	119	108	95	89	165	89	69	152	172	26
3	41	143	65	97	91	116	165	80	69	153	172	26
4	43	143	51	80	84	130	165	82	70	151	172	26
5	44	104	26	79	83	130	164	81	70	147	172	25
6	45	32	29	79	83	130	164	84	71	147	172	25
7	45	31	33	79	83	129	164	81	71	147	172	25
8	46	29	33	79	83	128	164	79	72	121	172	25
9	47	29	33	79	83	128	185	78	72	79	170	25
10	92	30	34	79	83	113	198	77	72	81	112	28
11	180	35	36	80	60	90	198	77	73	83	26	34
12	278	41	36	79	36	86	219	77	73	84	26	37
13	336	41	35	79	36	83	233	77	73	108	26	39
14	206	41	36	79	32	83	210	77	74	169	26	45
15	40	41	36	79	26	82	190	77	74	195	26	53
16	40	42	36	79	26	82	78	77	74	254	26	53
17	40	44	36	79	26	82	78	77	75	310	26	53
18	40	45	36	75	26	82	77	77	75	348	26	53
19	40	46	36	55	26	82	76	76	75	338	26	53
20	40	46	36	28	26	82	77	76	76	337	30	53
21	40	46	36	28	26	82	77	76	76	340	32	53
22	43	47	36	28	26	82	78	76	78	340	51	53
23	48	48	36	29	26	82	77	76	78	340	59	56
24	220	48	35	31	26	82	77	76	78	330	41	58
25	152	48	35	32	28	81	77	76	79	175	30	58
26	40	48	37	32	33	81	78	76	107	175	29	58
27	40	48	40	32	33	81	77	76	129	175	29	58
28	41	48	41	32	49	93	85	76	146	174	29	58
29	43	93	41	33	---	121	84	76	151	172	31	58
30	43	150	41	41	---	152	80	76	153	172	43	57
31	43	---	41	65	---	165	---	70	---	172	54	---
TOTAL	2470	1818	1350	1922	1430	3109	3925	2414	2522	6122	2350	1302
MEAN	79.7	60.6	43.5	62.0	51.1	100	131	77.9	84.1	197	75.8	43.4
MAX	336	150	149	108	95	165	233	89	153	348	172	58
MIN	35	29	26	28	26	80	76	70	69	79	26	25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1991, BY WATER YEAR (WY)

MEAN	68.8	58.8	55.7	62.7	50.8	89.8	106	92.2	82.8	106	80.9	64.0
MAX	79.7	66.9	77.0	77.2	52.5	100	131	99.9	96.1	197	111	119
(WY)	1991	1990	1990	1990	1990	1991	1991	1989	1989	1991	1989	1989
MIN	58.0	49.0	43.5	49.0	48.9	79.6	89.1	77.9	68.2	36.2	56.0	29.8
(WY)	1990	1989	1991	1989	1989	1990	1990	1991	1990	1990	1990	1990

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1989 - 1991

ANNUAL TOTAL	23501	30734	
ANNUAL MEAN	64.4	84.2	76.8
HIGHEST ANNUAL MEAN			84.2
LOWEST ANNUAL MEAN			65.9
HIGHEST DAILY MEAN	336	Oct 13	348
LOWEST DAILY MEAN	11	Jul 2	25
INSTANTANEOUS PEAK FLOW			364
INSTANTANEOUS PEAK STAGE			9.98
10 PERCENT EXCEEDS	110	172	131
50 PERCENT EXCEEDS	52	76	70
90 PERCENT EXCEEDS	32	29	33

SAVANNAH RIVER BASIN

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, 30.0°C, July 11, 15, 27, 28, Aug. 8; minimum, 10.0°C, many days in Jan. and Feb.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

SAVANNAH RIVER BASIN

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER PLANT. SC--Continued

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.5	10.0	10.0	12.0	11.0	11.5	18.5	17.5	18.0	22.0	20.0	21.0
2	11.0	10.0	10.5	12.0	11.5	11.5	19.0	17.0	18.0	24.0	22.0	23.0
3	11.0	10.5	10.5	12.5	12.0	12.0	18.0	17.5	18.0	22.5	21.5	22.0
4	11.0	10.5	10.5	12.5	12.0	12.0	18.0	17.0	17.5	23.0	22.0	22.5
5	---	---	---	12.5	12.0	12.5	18.5	17.5	18.0	22.5	21.0	21.5
6	---	---	---	12.5	11.5	12.0	18.5	17.5	18.0	23.0	21.5	22.0
7	---	---	---	14.0	12.0	13.0	18.0	17.5	18.0	23.5	23.0	23.5
8	12.0	11.5	11.5	14.0	13.5	13.5	18.0	17.0	17.5	24.0	22.5	23.5
9	12.5	11.5	12.0	14.0	13.0	13.5	19.0	18.0	18.5	24.5	23.0	23.5
10	12.5	11.0	12.0	14.0	13.5	13.5	20.0	18.5	19.5	24.5	23.5	24.0
11	13.0	11.5	12.0	14.0	13.0	13.5	20.0	19.0	19.5	24.0	22.5	23.5
12	13.0	11.5	12.0	13.5	12.5	13.0	19.5	19.5	19.5	24.0	22.0	23.5
13	11.5	10.5	11.0	13.0	12.5	12.5	20.0	18.0	19.0	23.5	23.0	23.0
14	11.5	10.5	11.0	13.5	13.0	13.5	---	---	---	24.5	23.5	24.0
15	11.5	10.5	11.0	13.5	13.5	13.5	---	---	---	25.0	24.0	24.5
16	10.5	10.0	10.0	13.5	13.0	13.5	21.0	19.5	20.5	25.0	24.5	25.0
17	10.0	10.0	10.0	13.0	13.0	13.0	21.5	19.5	20.5	25.5	24.0	25.0
18	10.0	10.0	10.0	14.0	13.0	13.5	21.0	20.0	20.5	26.5	25.0	25.5
19	10.0	10.0	10.0	14.5	13.5	14.0	22.5	20.5	21.5	28.0	25.5	27.0
20	11.0	10.0	10.5	14.0	14.0	14.0	22.5	21.0	22.0	27.0	25.0	26.0
21	12.0	10.5	11.5	14.0	13.5	13.5	21.5	20.5	21.5	25.0	24.0	24.5
22	14.0	11.5	12.5	14.0	13.5	14.0	20.5	20.0	20.5	24.5	24.0	24.0
23	14.0	12.5	13.5	15.5	14.0	14.5	20.0	20.0	20.0	24.5	23.5	24.0
24	13.5	13.0	13.0	17.0	15.5	16.5	21.5	20.0	20.5	24.5	24.0	24.0
25	12.5	11.5	12.0	17.0	16.5	16.5	20.5	20.5	20.5	24.0	23.0	23.5
26	12.5	12.0	12.5	17.0	14.0	15.5	20.5	19.5	20.0	24.5	23.5	24.0
27	13.0	12.0	12.0	17.0	15.0	16.0	20.5	19.5	20.0	24.5	23.0	23.5
28	12.0	11.5	12.0	18.5	16.5	17.5	20.0	19.5	20.0	25.0	24.0	24.5
29	---	---	---	18.0	13.5	16.5	21.0	19.5	20.0	26.5	24.5	25.5
30	---	---	---	18.5	17.5	18.0	22.5	20.0	21.0	26.5	24.5	25.5
31	---	---	---	18.0	17.5	18.0	---	---	---	26.5	24.0	25.0
MONTH	14.0	10.0	11.5	18.5	11.0	14.0	22.5	17.0	19.5	28.0	20.0	24.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	27.0	24.5	25.5	27.0	26.5	26.5	28.5	27.5	28.0	29.5	28.0	28.5
2	26.5	25.0	25.5	27.5	26.5	27.0	27.5	27.0	27.5	29.0	28.0	28.5
3	26.0	25.5	26.0	27.5	26.5	27.0	28.0	27.0	27.5	28.0	27.5	28.0
4	29.0	25.5	27.0	28.0	27.0	27.5	28.0	27.5	27.5	27.5	27.0	27.5
5	28.0	25.0	26.5	28.0	27.0	27.5	28.0	27.5	28.0	27.5	27.0	27.5
6	27.0	25.5	26.5	28.5	27.5	27.5	28.0	27.5	28.0	28.0	27.0	27.5
7	26.0	25.5	26.0	28.0	27.5	27.5	29.0	28.0	28.5	29.0	27.5	28.0
8	25.5	25.0	25.5	29.0	27.5	28.0	30.0	28.5	29.0	28.0	28.0	28.0
9	25.0	24.5	25.0	28.5	27.5	28.0	29.0	28.5	29.0	28.0	27.5	28.0
10	25.0	24.5	24.5	29.5	28.0	28.5	---	---	---	28.0	27.5	27.5
11	25.5	24.5	24.5	30.0	28.5	29.0	29.5	28.5	29.0	27.5	27.0	27.5
12	25.5	24.5	25.0	29.5	28.5	29.0	29.0	28.5	29.0	28.0	27.5	27.5
13	26.0	25.5	25.5	29.5	28.5	29.0	29.0	28.0	28.5	28.0	27.5	27.5
14	26.0	25.0	25.5	29.0	28.5	29.0	28.5	28.0	28.0	28.0	27.5	28.0
15	25.5	25.0	25.0	30.0	29.0	29.5	28.5	28.0	28.0	28.0	27.5	28.0
16	26.0	25.5	25.5	29.0	27.5	28.5	28.0	27.5	28.0	29.0	27.5	28.0
17	26.5	25.5	26.0	28.5	27.5	28.0	28.5	27.5	28.0	28.0	27.5	28.0
18	26.5	25.5	26.0	27.5	27.5	27.5	29.5	27.5	29.0	28.5	27.5	28.0
19	26.5	26.0	26.0	28.0	27.0	27.5	28.0	27.5	28.0	28.0	27.5	27.5
20	27.5	26.0	26.5	28.0	27.0	27.5	29.0	28.0	28.0	28.5	26.5	27.5
21	27.5	26.5	27.0	28.5	27.0	28.0	28.5	27.5	28.0	26.5	25.5	26.0
22	27.5	26.5	27.5	28.5	27.5	28.0	28.5	28.0	28.5	25.5	25.0	25.5
23	29.0	27.0	28.0	29.0	27.5	28.5	29.0	28.0	28.5	25.5	24.0	25.5
24	28.5	27.5	28.0	29.5	28.0	29.0	28.5	28.0	28.5	25.0	25.0	25.0
25	28.0	27.0	27.5	29.5	28.0	29.0	28.0	28.0	28.0	25.0	24.0	24.5
26	27.5	27.0	27.0	29.5	28.0	29.0	28.0	27.5	27.5	24.5	24.0	24.5
27	27.0	26.5	26.5	30.0	29.0	29.5	28.0	27.0	27.5	24.5	23.5	24.0
28	27.0	26.0	26.5	30.0	29.5	29.5	28.0	27.5	27.5	24.0	23.0	23.5
29	26.5	26.0	26.5	29.5	29.0	29.0	28.0	27.5	28.0	23.5	23.0	23.0
30	26.5	26.0	26.5	29.0	28.5	29.0	28.0	27.5	27.5	23.5	23.0	23.0
31	---	---	---	28.5	28.5	28.5	28.0	27.5	28.0	---	---	---
MONTH	29.0	24.5	26.0	30.0	26.5	28.5	30.0	27.0	28.0	29.5	23.0	26.5
YEAR	30.0	10.0	20.5									

SAVANNAH RIVER BASIN

02197354 P-007 AT SAVANNAH RIVER SITE, SC

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.

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

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 310 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Oct. 10 - 12, 22, Jan. 30, Feb. 7, Mar. 3, 14 - 18, 29, Apr. 27, 29, May 5, 18 to July 9, 18, 25, 27, 29, 30, Aug. 1, 2, 12. Records poor. Flow completely regulated by Savannah River Plant operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.51	.51	.51	.38	.32	.40	.47	1.0	.99	.99	3.1	.73
2	.50	.53	.50	.38	.30	1.0	.45	.99	.99	.99	1.8	.73
3	.48	.53	.50	.38	.30	1.5	.43	.99	.99	.99	1.1	.73
4	.50	.53	.47	.35	.30	.57	.41	.99	.99	.99	1.1	.73
5	.52	.53	.43	.35	.30	.43	.97	1.3	.99	.99	1.1	.73
6	.51	.53	.50	.35	.30	.43	.52	1.4	.99	.97	.83	.73
7	.49	.51	.51	.36	.66	.47	.46	1.1	.99	.95	.73	.73
8	.48	.50	.51	.35	.40	.47	.87	1.1	.99	.92	.73	.73
9	.56	.70	.50	.35	.36	.45	.57	1.1	.99	.89	.73	.73
10	2.6	.57	.50	.35	.36	.47	.48	1.1	.99	.85	.73	.73
11	1.3	.42	.43	.54	.36	.47	.43	1.0	.99	.85	.73	.73
12	1.5	.40	.42	.36	.38	.47	.40	1.0	.99	.85	.90	.73
13	.45	.40	.40	.32	.39	.66	.41	1.1	.99	.85	.73	.73
14	.34	.40	.40	.32	.38	.50	.42	1.2	1.3	.85	.92	.73
15	.30	.40	.40	.35	.41	.50	.44	1.1	.99	.85	.74	.73
16	.01	.31	.40	.38	.44	.50	.47	1.1	.99	.85	.73	.73
17	.00	.38	.41	.35	.42	.50	.47	1.1	.99	1.0	.73	.73
18	.04	.40	.43	.35	.42	.52	.73	1.2	.99	1.3	.73	.73
19	.00	.40	.41	.60	.41	.55	1.3	1.0	.99	1.0	.73	.73
20	.00	.39	.44	.43	.40	.53	1.5	1.0	.99	.94	.73	.76
21	.00	.40	.40	.35	.40	.50	1.4	1.0	.99	.91	.73	.73
22	.53	.37	.42	.35	.42	.47	1.4	1.0	1.2	.87	.73	.73
23	.88	.37	.42	.35	.43	.47	1.3	1.0	.99	.85	.73	.71
24	.18	.40	.40	.62	.40	.47	1.3	1.0	.99	.85	.84	.69
25	.45	.41	.40	.38	.40	.47	1.3	.99	.99	1.4	.80	.96
26	.45	.42	.40	.35	.38	.49	1.4	1.1	.99	.89	.75	.73
27	.46	.44	.40	.35	.32	.53	1.9	.99	.99	1.4	.73	.73
28	.50	.51	.40	.36	.32	.53	1.3	1.0	.99	1.1	.78	.73
29	.50	.51	.39	.42	---	1.0	1.2	.99	.99	1.3	.79	.73
30	.50	.53	.37	.99	---	.73	1.3	1.2	.99	1.4	.73	.71
31	.50	---	.37	.41	---	.49	---	1.1	---	1.1	.73	---
TOTAL	16.04	13.70	13.44	12.53	10.68	17.54	26.00	33.24	30.22	30.94	27.96	22.08
MEAN	.52	.46	.43	.40	.38	.57	.87	1.07	1.01	1.00	.90	.74
MAX	2.6	.70	.51	.99	.66	1.5	1.9	1.4	1.3	1.4	3.1	.96
MIN	.00	.31	.37	.32	.30	.40	.40	.99	.99	.85	.73	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

MEAN	.87	1.04	.82	.83	.94	.83	.69	.72	.72	.87	.98	.88
MAX	1.19	2.12	1.21	1.13	1.21	1.60	.97	1.11	1.10	1.10	1.26	1.27
(WY)	1987	1986	1985	1985	1985	1987	1984	1984	1984	1984	1987	1986
MIN	.034	.17	.21	.17	.38	.098	.087	.19	.18	.54	.68	.36
(WY)	1989	1989	1989	1989	1991	1989	1989	1989	1990	1989	1990	1988

SUMMARY STATISTICS

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	254.37		
ANNUAL MEAN	.70		
HIGHEST ANNUAL MEAN		.82	
LOWEST ANNUAL MEAN		1.03	1985
HIGHEST DAILY MEAN		.33	1989
LOWEST DAILY MEAN		9.0	Nov 23 1985
INSTANTANEOUS PEAK FLOW	3.1 * Aug 1	.00	* Apr 17 1987
INSTANTANEOUS PEAK STAGE	.00 * Oct 17	Unknown	Oct 2 1989
10 PERCENT EXCEEDS	Unknown **Jul 27	1.84	Oct 2 1989
50 PERCENT EXCEEDS	1.71 **Jul 27	1.2	
90 PERCENT EXCEEDS	1.1	.92	
	.57	.32	
	.36		

* Also occurred on Apr. 19, 1987, and many days in 1989, and 1991.

** Also occurred on Aug. 1.

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.--Records fair except for estimated daily discharges, Oct. 10 - 31, June 27 to July 1, 22 - 25, Aug. 2 to Sept. 5, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	110	355	161	260	188	346	192	163	226	375	50
2	57	199	304	261	240	268	344	179	144	213	455	38
3	58	199	191	230	222	336	341	189	137	214	248	36
4	66	200	162	196	203	348	340	214	134	220	220	40
5	69	153	88	193	200	312	352	221	132	226	215	40
6	70	35	92	191	196	298	359	233	132	221	210	41
7	69	32	103	192	224	291	347	207	131	223	205	41
8	76	28	129	195	222	285	350	183	129	193	200	43
9	90	39	112	189	216	286	377	156	128	113	190	41
10	200	83	105	189	203	260	385	155	127	111	160	43
11	250	57	108	212	157	214	381	152	128	110	45	54
12	350	60	106	217	93	207	394	151	127	108	44	60
13	455	57	105	200	92	224	403	163	126	130	43	64
14	500	54	105	193	84	220	405	163	133	188	42	72
15	400	53	105	190	70	205	406	153	148	232	41	90
16	150	55	105	201	69	203	379	152	132	275	41	92
17	88	59	102	194	69	202	333	151	126	353	40	123
18	90	61	102	182	69	203	155	150	131	397	45	100
19	87	63	103	158	70	201	164	149	127	411	50	96
20	88	63	106	132	70	199	173	148	125	376	60	96
21	90	63	107	92	67	200	166	149	123	376	75	97
22	92	63	102	82	67	198	162	149	122	420	100	96
23	200	64	100	80	75	198	162	149	120	410	130	99
24	330	65	98	119	70	196	160	148	120	390	70	101
25	300	64	95	138	74	194	159	147	120	370	58	130
26	160	64	101	103	87	195	160	145	149	332	50	134
27	85	68	111	95	85	197	179	146	195	286	51	110
28	86	75	112	95	113	218	221	155	198	221	51	105
29	88	171	113	98	---	291	197	148	198	228	67	104
30	90	359	111	227	---	388	225	145	198	239	140	102
31	100	---	115	257	---	355	---	150	---	288	120	---
TOTAL	4902	2716	3853	5262	3667	7580	8525	5092	4203	8100	3841	2338
MEAN	158	90.5	124	170	131	245	284	164	140	261	124	77.9
MAX	500	359	355	261	260	388	406	233	198	420	455	134
MIN	57	28	88	80	67	188	155	145	120	108	40	36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1991, BY WATER YEAR (WY)

	MEAN	82.3	186	235	229	221	229	263	224	236	139	93.0	88.0
MAX	158	314	427	368	402	381	428	417	376	261	175	133	
(WY)	1991	1986	1987	1988	1988	1988	1988	1988	1987	1991	1989	1989	1989
MIN	23.3	75.1	58.8	61.6	66.9	45.8	44.7	31.1	28.5	38.9	39.0	23.9	
(WY)	1986	1989	1989	1989	1989	1985	1985	1985	1985	1985	1985	1985	1985

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1985 - 1991

ANNUAL TOTAL	46551	60079	199
ANNUAL MEAN	128	165	287
HIGHEST ANNUAL MEAN			121
LOWEST ANNUAL MEAN			500
HIGHEST DAILY MEAN	500	Oct 14	Nov 22 1985
LOWEST DAILY MEAN	28	Nov 8	Sep 14 1985
INSTANTANEOUS PEAK FLOW			Unknown
INSTANTANEOUS PEAK STAGE			4.32
INSTANTANEOUS LOW FLOW			7.7
10 PERCENT EXCEEDS	207	338	399
50 PERCENT EXCEEDS	101	148	148
90 PERCENT EXCEEDS	57	60	42

GAGE-HEIGHT RECORD

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.61 ft. Oct. 15, 16; minimum, 1.25 ft. Oct. 8.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.77	6.44	3.54	3.09	10.67	7.17	---	---	11.83	---	11.40	10.26
2	1.62	6.01	2.79	2.92	11.28	6.77	---	---	11.30	---	12.36	---
3	1.74	5.24	2.51	3.25	10.40	8.24	---	---	9.96	9.82	12.85	---
4	2.45	3.39	4.21	3.89	8.19	10.88	11.04	11.52	9.60	10.54	12.83	3.30
5	2.45	3.46	5.50	3.91	7.67	12.13	11.83	12.18	8.64	11.04	12.47	3.31
6	1.88	4.55	5.62	2.94	6.68	13.12	12.72	12.83	6.99	11.35	12.19	3.21
7	1.34	5.00	5.85	2.41	5.68	13.80	13.38	13.28	5.00	11.24	12.36	2.87
8	1.26	5.24	5.25	3.81	5.27	13.87	12.74	13.70	4.34	9.88	12.65	2.59
9	1.77	4.86	3.37	4.51	5.68	13.87	10.03	14.17	3.57	7.87	12.85	3.75
10	3.19	4.63	2.58	4.35	4.87	13.97	8.81	14.50	3.10	6.69	12.69	4.14
11	4.92	5.47	5.11	3.35	4.96	14.15	9.73	14.61	3.92	7.02	11.96	5.98
12	7.46	6.56	5.24	2.95	5.97	14.34	10.63	14.48	3.59	6.86	10.60	6.80
13	11.60	5.53	2.99	5.17	6.93	14.19	11.00	13.73	4.72	---	9.72	7.12
14	13.08	4.37	2.41	7.23	8.12	13.38	10.68	12.60	4.65	---	10.61	---
15	15.21	4.36	2.66	6.07	8.97	12.11	7.92	12.08	5.48	---	11.68	---
16	15.39	4.49	2.47	3.77	7.99	10.41	8.11	11.95	6.26	---	12.33	---
17	14.35	2.86	2.19	4.44	7.49	7.59	9.86	11.94	---	7.70	13.00	---
18	12.56	2.34	3.91	6.39	5.02	---	10.39	12.00	---	8.66	13.43	---
19	9.81	2.43	4.24	4.99	4.32	---	10.62	12.01	---	9.40	13.41	---
20	6.15	3.49	3.56	4.66	5.42	---	10.73	11.68	---	9.80	12.23	---
21	3.76	3.80	4.54	6.22	6.22	---	---	11.61	6.51	8.49	10.78	---
22	3.47	2.51	4.48	7.48	6.31	---	---	11.78	---	6.88	10.75	---
23	7.75	2.83	3.37	5.74	5.52	---	---	11.93	---	6.99	11.18	---
24	10.47	2.91	3.82	4.67	5.39	---	---	12.05	---	6.65	11.43	---
25	11.62	2.40	4.88	5.15	5.19	---	---	12.11	---	6.67	11.65	5.79
26	11.85	2.14	5.27	7.02	6.28	---	---	11.92	---	7.55	11.81	5.85
27	10.71	3.33	4.48	7.01	7.18	---	---	11.13	---	6.55	11.25	5.49
28	7.43	3.89	4.43	5.75	7.26	---	---	10.73	---	4.93	10.24	4.20
29	5.05	2.47	4.36	5.73	---	---	---	11.13	---	5.68	8.69	3.33
30	5.85	2.63	3.47	5.85	---	---	---	11.49	---	8.55	10.33	3.61
31	6.88	---	2.88	8.88	---	---	---	11.78	---	10.63	10.98	---
MEAN	6.93	3.99	3.93	4.95	6.82	11.76	10.60	12.39	6.44	8.30	11.70	4.80
MAX	15.39	6.56	5.85	8.88	11.28	14.34	13.38	14.61	11.83	11.35	13.43	10.26
MIN	1.26	2.14	2.19	2.41	4.32	6.77	7.92	10.73	3.10	4.93	8.69	2.59
CAL YR 1990	TOTAL 2274.19 MEAN 6.44 MAX 15.52 MIN 1.26											
WTR YR 1991	TOTAL 2289.34 MEAN 7.56 MAX 15.39 MIN 1.26											

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 23,24; minimum, 2.5°C, Jan. 16, 17.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

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 fair except for estimated daily discharges, Aug. 3 to Sept. 30, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	37	31	45	28	1.4	.12	20	3.3	.34	1.5	.00
2	43	43	32	45	28	1.3	.14	21	2.5	.34	.30	.00
3	43	43	40	46	28	1.2	.14	19	1.8	.34	.00	.00
4	43	43	47	47	28	1.2	.14	19	2.7	.34	.00	.00
5	43	45	46	47	28	1.0	.14	21	2.8	.34	.00	.00
6	43	42	45	47	28	1.0	.14	20	2.4	.34	.00	.00
7	43	40	46	46	29	.87	.14	19	1.6	.34	.00	.00
8	43	40	47	45	29	.87	.14	17	1.1	.34	.00	.00
9	43	41	47	45	28	.75	.14	17	1.2	.34	.00	.00
10	50	40	46	42	28	.75	.15	17	1.9	.34	.00	.00
11	47	40	46	40	27	.65	.21	17	2.0	.34	.00	.00
12	49	40	47	40	26	.64	.21	17	1.8	.34	.00	.00
13	45	40	47	39	26	.56	.21	19	2.1	.34	.00	.00
14	44	40	47	39	26	.55	.21	12	1.3	.34	.00	.00
15	43	40	47	36	26	.49	.22	9.1	.26	.34	.00	.00
16	43	40	47	31	27	.47	.33	6.5	.24	.34	.00	.00
17	43	40	47	28	28	.42	.51	6.0	.09	.34	.00	.00
18	43	40	46	28	27	.40	1.7	6.2	.16	.36	.00	.00
19	42	40	46	28	28	.36	3.2	6.2	.15	.40	.00	.00
20	42	40	47	27	23	.34	3.8	5.6	.24	.40	.00	.00
21	42	40	47	26	4.4	.31	3.6	6.8	.35	.38	.00	.00
22	45	33	47	26	2.3	.29	2.7	7.9	.34	.34	.00	.00
23	45	33	45	26	2.1	.27	2.1	8.4	.34	.34	.00	.00
24	43	33	45	28	2.0	.24	24	9.5	.34	.31	.00	.00
25	42	33	45	28	1.8	.23	76	8.4	.34	.29	.00	.00
26	42	33	46	28	1.8	.21	77	9.5	.34	.29	.00	.00
27	42	33	45	28	1.6	.15	79	9.6	.34	.38	.00	.00
28	42	32	45	28	1.5	.14	69	8.9	.34	.36	.00	.00
29	42	31	45	28	---	.14	32	8.4	.34	.34	.00	.00
30	42	31	45	30	---	.14	19	9.2	.34	.36	.00	.00
31	42	---	45	29	---	.08	---	7.0	---	.36	.00	---
TOTAL	1347	1146	1394	1096	563.5	17.42	396.39	388.2	33.05	10.69	1.80	0.00
MEAN	43.5	38.2	45.0	35.4	20.1	.56	13.2	12.5	1.10	.34	.058	.000
MAX	50	45	47	47	29	1.4	79	21	3.3	.40	1.5	.00
MIN	42	31	31	26	1.5	.08	.12	5.6	.09	.29	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1991, BY WATER YEAR (WY)

	MEAN	230	235	243	261	265	258	128	167	157	187	230	208
MAX	447	424	422	393	419	431	365	379	360	425	411	441	441
(WY)	1988	1986	1987	1986	1988	1988	1986	1986	1984	1987	1985	1986	1986
MIN	43.5	38.2	45.0	35.4	20.1	.56	13.2	12.5	1.10	.34	.058	.000	.000
(WY)	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1984 - 1991

ANNUAL TOTAL	17246.90	6394.05	
ANNUAL MEAN	47.3	17.5	197
HIGHEST ANNUAL MEAN			326
LOWEST ANNUAL MEAN			17.5
HIGHEST DAILY MEAN	112	79	523
LOWEST DAILY MEAN	.20	.00	.00
INSTANTANEOUS PEAK FLOW	Apr 2	Apr 27	Nov 2 1987
INSTANTANEOUS PEAK STAGE		Apr 27	Nov 24 1987
10 PERCENT EXCEEDS	94	2.81	4.45
50 PERCENT EXCEEDS	41	3.8	131
90 PERCENT EXCEEDS	24	.00	21

* Also occurred on Aug. 4 to Sept. 30.

** Also occurred on Apr. 14 - 29, 1985, Sept. 21 - 28, 1988, Aug. 3 to Sept. 30, 1991.

SAVANNAH RIVER BASIN
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, 33.0°C, Aug. 29; minimum, 6.5°C, Jan. 24.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	15.0	14.0	14.5	12.5	12.0	12.0
2	---	---	---	---	---	---	15.0	14.5	15.0	12.0	12.0	12.0
3	26.0	25.5	25.5	---	---	---	16.0	15.0	15.5	12.0	12.0	12.0
4	26.5	25.5	26.0	---	---	---	16.0	15.0	15.5	12.0	12.0	12.0
5	26.0	25.0	25.5	---	---	---	15.0	14.5	14.5	12.0	11.5	12.0
6	25.5	24.5	25.0	---	---	---	14.5	14.0	14.0	12.0	11.5	12.0
7	25.5	25.0	25.5	---	---	---	14.0	13.5	13.5	13.0	12.0	12.5
8	26.0	25.0	25.5	---	---	---	13.5	13.0	13.5	12.5	12.0	12.0
9	26.0	25.0	25.5	---	---	---	13.0	12.5	13.0	12.0	11.5	11.5
10	---	---	---	---	---	---	13.0	12.5	12.5	11.5	11.5	11.5
11	---	---	---	---	---	---	12.5	12.0	12.5	12.0	11.5	11.5
12	---	---	---	---	---	---	12.5	12.5	12.5	12.0	11.0	11.5
13	---	---	---	---	---	---	13.0	12.5	12.5	11.5	11.0	11.0
14	---	---	---	---	---	---	13.0	13.0	13.0	11.5	10.5	11.0
15	---	---	---	---	---	---	13.0	13.0	13.0	11.5	10.5	11.0
16	---	---	---	---	---	---	13.5	13.0	13.0	12.0	11.5	11.5
17	---	---	---	---	---	---	13.5	13.0	13.5	11.5	11.0	11.0
18	---	---	---	---	---	---	14.0	13.5	14.0	11.5	10.5	11.0
19	---	---	---	---	---	---	14.0	14.0	14.0	11.0	9.5	10.5
20	---	---	---	---	---	---	14.0	13.5	14.0	11.0	10.5	11.0
21	---	---	---	---	---	---	14.0	13.5	14.0	11.0	10.5	10.5
22	---	---	---	15.5	15.0	15.0	14.5	14.0	14.0	11.0	10.0	10.0
23	---	---	---	16.0	15.0	15.5	15.0	14.5	14.5	10.0	9.5	10.0
24	---	---	---	16.0	15.0	15.5	15.0	14.0	14.5	10.0	6.5	9.0
25	---	---	---	16.0	15.0	15.5	13.5	13.0	13.5	9.5	9.0	9.5
26	---	---	---	16.0	15.0	15.5	13.0	13.0	13.0	9.5	9.0	9.0
27	---	---	---	16.0	15.0	15.5	13.0	12.0	12.5	9.5	8.5	9.0
28	---	---	---	17.5	16.0	16.5	12.0	12.0	12.0	9.5	9.0	9.5
29	---	---	---	16.5	15.5	16.0	12.0	11.5	12.0	10.0	9.5	9.5
30	---	---	---	15.5	14.5	15.0	12.5	12.0	12.5	13.0	10.0	11.5
31	---	---	---	---	---	---	13.0	12.5	12.5	11.0	10.0	10.5
MONTH	26.5	24.5	25.5	17.5	14.5	15.5	16.0	11.5	13.5	13.0	6.5	11.0

SAVANNAH RIVER BASIN

02197362 P-019 AT SAVANNAH RIVER PLANT. SC--Continued

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	10.5	9.5	10.0	14.5	11.5	13.0	20.5	13.0	16.5	21.5	20.0	20.5
2	10.5	9.5	10.0	14.5	13.0	14.0	20.5	13.5	17.0	21.5	20.0	20.5
3	11.5	10.0	10.5	17.5	13.0	14.5	20.5	14.0	17.0	21.5	19.5	20.5
4	12.0	10.0	11.0	14.5	10.5	12.5	19.0	16.0	17.0	20.5	20.0	20.0
5	11.5	10.5	11.0	15.0	10.0	12.5	18.0	15.5	16.5	21.5	19.5	20.5
6	11.5	11.0	11.0	15.0	11.0	13.5	20.5	15.5	17.5	21.0	19.5	20.5
7	16.0	11.5	13.0	17.5	14.0	15.5	24.0	16.0	19.5	20.5	19.0	19.5
8	11.5	11.0	11.0	15.0	12.5	13.5	22.0	19.5	20.5	20.0	18.5	19.5
9	11.5	10.5	11.0	15.0	11.0	13.0	22.0	19.0	20.5	20.0	19.0	19.5
10	12.0	10.5	11.0	14.5	11.0	12.5	25.5	19.0	21.5	20.5	19.0	20.0
11	11.5	10.5	11.0	15.0	10.5	12.5	22.5	17.5	20.0	21.0	19.5	20.0
12	12.0	10.5	11.0	15.0	11.0	13.0	21.5	19.0	20.0	21.0	19.5	20.0
13	11.0	10.5	11.0	14.0	12.5	13.5	20.5	18.5	19.5	21.0	19.5	20.0
14	12.0	11.0	11.5	15.5	12.5	13.5	24.5	19.5	22.0	22.0	20.0	21.0
15	11.0	9.5	10.5	13.5	11.0	12.5	23.5	21.0	22.5	22.5	21.0	22.0
16	10.0	9.5	9.5	13.5	11.5	12.0	24.5	21.5	23.0	23.5	21.5	22.5
17	9.5	9.0	9.5	13.0	12.0	12.5	25.0	20.5	23.0	24.0	21.5	22.5
18	10.5	9.0	9.5	15.5	12.5	14.0	23.0	20.0	21.5	23.5	22.0	22.5
19	11.0	10.0	10.5	17.0	12.0	14.0	21.0	20.0	20.5	22.5	21.0	22.0
20	14.0	10.0	12.0	17.0	12.0	14.5	20.0	19.5	19.5	21.0	20.5	20.5
21	15.5	13.0	14.5	16.5	13.0	15.0	19.5	17.5	18.5	21.5	20.5	20.5
22	15.0	13.5	14.0	18.5	15.0	16.5	19.5	17.0	18.0	22.0	21.0	21.5
23	14.0	11.0	13.0	22.0	16.5	19.0	19.0	17.5	18.5	22.0	21.0	21.5
24	12.5	10.5	11.5	22.5	16.0	19.0	19.5	17.5	18.5	22.0	21.0	21.5
25	13.5	11.0	12.0	21.5	14.0	17.5	17.5	17.5	17.5	22.5	21.0	21.5
26	13.0	11.0	12.0	21.5	14.0	17.5	17.5	17.5	17.5	22.0	21.0	21.5
27	13.5	10.0	11.5	23.0	16.5	19.5	18.0	17.5	17.5	23.0	21.5	22.0
28	14.0	10.0	12.0	22.5	19.5	20.5	18.5	17.5	18.0	23.5	21.5	22.5
29	---	---	---	20.0	17.0	19.0	21.0	18.0	19.0	24.5	22.0	23.0
30	---	---	---	20.5	14.5	17.0	21.0	19.5	20.5	23.5	22.5	23.0
31	---	---	---	18.0	13.5	16.0	---	---	---	24.0	22.0	23.0
MONTH	16.0	9.0	11.5	23.0	10.0	15.0	25.5	13.0	19.5	24.5	18.5	21.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	24.5	22.0	23.0	30.5	26.5	28.5	25.5	24.0	25.0	32.5	24.0	27.0
2	24.0	22.0	23.0	30.0	27.0	28.5	26.5	24.0	25.0	30.0	23.5	25.5
3	25.0	22.5	23.5	30.5	27.5	29.0	28.0	25.0	26.5	30.0	22.0	25.0
4	25.0	23.0	24.0	30.0	27.0	28.5	29.5	26.0	27.5	31.0	22.0	25.0
5	24.0	22.5	23.0	29.0	26.5	27.5	30.0	26.5	28.0	30.0	22.0	25.5
6	24.0	22.0	23.0	28.0	26.0	27.0	30.5	27.5	29.0	31.0	23.0	26.0
7	24.0	22.0	23.0	28.5	25.5	27.0	31.0	27.5	29.0	30.0	24.0	26.5
8	24.5	21.5	23.0	29.0	25.5	27.0	31.0	27.5	29.0	29.5	24.0	26.0
9	24.5	22.0	23.5	30.0	26.0	28.0	30.0	27.0	28.5	29.0	22.5	25.0
10	24.5	22.0	23.5	31.0	26.0	28.0	30.5	26.5	28.0	27.5	22.5	25.0
11	25.0	22.5	23.5	31.5	26.0	28.5	29.5	26.5	27.5	31.0	23.0	26.5
12	24.5	22.5	23.5	30.5	26.5	28.0	27.5	25.5	26.5	30.5	24.0	27.0
13	24.5	23.0	24.0	30.5	27.0	28.5	26.5	25.0	26.0	30.0	24.0	26.5
14	24.0	23.5	23.5	31.0	27.0	29.0	26.0	25.0	25.5	31.5	25.0	27.5
15	25.5	23.0	24.5	28.5	27.0	27.5	26.5	24.5	25.5	30.5	25.5	27.5
16	26.0	24.0	25.0	28.0	26.0	27.0	28.0	23.5	25.5	31.0	26.0	27.5
17	26.5	24.5	25.5	27.0	25.5	26.0	29.0	24.0	26.5	30.0	26.0	27.5
18	26.5	24.5	25.5	28.0	25.0	26.0	30.5	24.0	27.0	30.0	25.0	27.0
19	26.5	24.5	25.5	27.0	24.5	25.5	29.0	25.0	27.0	30.5	25.0	27.5
20	27.0	25.0	26.0	28.5	25.0	27.0	32.0	24.5	27.0	26.5	22.0	24.0
21	29.0	26.0	27.5	29.0	26.0	27.0	31.0	22.0	25.0	25.0	20.0	22.0
22	30.5	26.0	28.0	29.5	26.0	27.5	27.5	22.5	24.5	24.5	19.0	21.5
23	30.0	26.0	27.5	30.5	27.0	28.5	28.0	22.5	25.0	27.0	19.0	22.0
24	27.5	25.5	26.0	31.0	27.5	29.5	27.0	24.0	25.0	26.0	19.5	23.5
25	27.5	24.5	25.5	30.0	27.5	28.5	27.0	24.0	25.0	23.5	22.0	22.5
26	27.0	24.5	25.5	30.5	27.0	28.5	25.0	24.0	25.0	24.0	20.0	21.5
27	26.5	24.5	25.0	29.5	26.0	27.5	29.0	23.5	25.5	25.0	17.5	20.5
28	27.0	24.5	25.5	28.0	25.5	26.5	30.0	24.0	26.5	24.5	15.5	19.5
29	28.0	25.0	26.5	27.5	25.5	26.5	33.0	24.5	27.5	24.0	16.0	19.0
30	29.5	26.5	27.5	27.0	25.0	26.0	32.0	24.5	27.0	23.5	17.0	20.0
31	---	---	---	26.5	24.5	25.5	32.5	24.0	27.0	---	---	---
MONTH	30.5	21.5	25.0	31.5	24.5	27.5	33.0	22.0	26.5	32.5	15.5	24.5
YEAR	33.0	6.5	19.5									

SAVANNAH RIVER BASIN

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, 26.0°C, July 24; minimum, 7.5°C, Feb. 17, 18.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC--Continued

TEMPERATURE (°C) OF WATER. WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

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

SAVANNAH RIVER BASIN

02197380 LOWER THREE RUNS BELOW FAR 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 Far 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.--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. 12, 13, 22, 23, May 5 - 24, Aug. 16 - 20, 28 - 31, Sept. 1 - 3, 17 - 23, which are poor. Flow regulated by Savannah River Site operations.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	78	41	44	98	62	42	57	77	11	36	210
2	18	73	41	44	93	70	39	61	76	11	28	140
3	17	71	41	45	88	91	35	62	73	11	26	77
4	17	68	41	46	84	101	32	62	70	13	30	18
5	17	65	41	46	80	96	28	60	69	13	23	9.5
6	16	63	41	46	79	92	24	70	66	13	18	31
7	16	60	41	46	91	89	16	80	62	13	20	122
8	15	58	41	46	99	86	7.9	78	58	13	20	214
9	14	58	41	46	97	84	5.3	72	56	13	18	214
10	42	65	41	46	92	81	4.8	71	54	13	160	212
11	103	61	41	47	88	78	4.1	70	52	13	150	210
12	157	59	41	52	85	75	3.9	68	49	13	160	207
13	160	57	41	54	81	76	3.9	74	48	13	170	206
14	144	55	41	54	79	77	3.9	72	59	12	180	200
15	134	55	41	53	76	74	3.9	70	70	12	160	198
16	123	55	41	54	74	72	4.2	78	70	13	150	192
17	113	53	41	54	71	70	4.2	70	67	14	144	189
18	105	50	41	54	68	70	4.1	78	65	17	145	44
19	97	48	41	56	67	69	7.5	74	63	17	140	44
20	86	46	43	63	67	67	5.1	71	60	17	153	43
21	79	44	43	63	67	65	5.5	68	57	17	176	42
22	97	43	43	62	66	63	5.4	64	54	15	200	42
23	150	42	44	60	66	60	5.3	63	48	14	195	42
24	139	42	45	63	66	57	7.4	61	40	14	200	51
25	130	42	46	69	66	55	11	69	32	14	200	52
26	121	42	45	68	65	49	11	69	23	15	196	52
27	110	41	45	66	64	44	21	70	22	22	215	53
28	100	41	44	65	63	40	39	75	17	24	220	54
29	92	41	43	65	---	41	46	73	15	26	220	55
30	84	41	43	94	---	52	55	72	12	27	220	54
31	81	---	43	105	---	47	---	75	---	28	220	---
TOTAL	2596	1617	1306	1776	2180	2153	485.4	2157	1584	481	4193	3277.5
MEAN	83.7	53.9	42.1	57.3	77.9	69.5	16.2	69.6	52.8	15.5	135	109
MAX	160	78	46	105	99	101	55	80	77	28	220	214
MIN	14	41	41	44	63	40	3.9	57	12	11	18	9.5
IN.	2.77	1.72	1.39	1.89	2.32	2.29	.52	2.30	1.69	.51	4.47	3.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1991, BY WATER YEAR (WY)

	MEAN	26.6	25.7	33.1	46.0	51.0	51.1	35.5	36.7	30.0	26.8	41.4	33.0
MAX	83.7	53.9	59.5	72.1	77.9	92.8	81.9	69.6	52.8	62.6	135	109	109
(WY)	1991	1991	1990	1990	1991	1980	1980	1991	1991	1989	1991	1991	1991
MIN	1.59	2.54	5.81	18.2	28.4	22.5	12.4	1.05	10.8	7.55	7.22	3.41	3.41
(WY)	1989	1982	1975	1981	1981	1976	1976	1987	1987	1977	1976	1982	1982

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1974 - 1991

ANNUAL TOTAL	15977	23805.9	
ANNUAL MEAN	43.8	65.2	
HIGHEST ANNUAL MEAN			37.2
LOWEST ANNUAL MEAN			65.2
HIGHEST DAILY MEAN	160	220	20.2
LOWEST DAILY MEAN	11	3.9 *	220
ANNUAL SEVEN-DAY MINIMUM	13	4.0	.60
INSTANTANEOUS PEAK FLOW		225	.91
INSTANTANEOUS PEAK STAGE		5.06	225
ANNUAL RUNOFF (INCHES)	17.03	25.37	5.06
10 PERCENT EXCEEDS	74	142	14.47
50 PERCENT EXCEEDS	41	56	67
90 PERCENT EXCEEDS	17	13	34
			7.4

* Also occurred on Apr. 13 - 15.

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, 31.0°C, June 21; minimum, 9.5°C, Jan. 23 - 28, Feb. 15 - 18.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

[illegible]

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.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	148	93	93	261	131	107	125	149	32	146	330
2	39	140	92	108	227	244	94	108	138	30	653	257
3	37	132	90	101	213	298	84	98	125	29	168	223
4	36	127	91	99	204	320	77	93	115	29	96	125
5	38	123	91	98	195	230	79	104	107	48	104	59
6	36	120	88	96	190	204	96	152	99	37	199	50
7	35	120	87	94	235	196	70	134	91	34	198	101
8	34	116	112	102	275	185	62	121	84	32	199	243
9	33	124	111	101	244	181	69	114	79	29	211	355
10	103	221	97	97	221	174	59	113	76	28	145	353
11	487	177	93	116	208	167	52	112	73	27	227	349
12	504	147	91	153	199	160	49	109	70	26	341	344
13	422	138	90	135	190	186	48	117	69	28	325	341
14	294	130	88	117	186	197	48	116	119	26	351	336
15	256	125	88	113	177	166	47	108	223	25	381	321
16	229	121	87	145	169	156	58	105	123	28	314	316
17	209	118	87	139	161	151	49	158	105	52	297	306
18	198	117	87	124	158	153	47	126	102	62	286	292
19	193	111	91	133	155	151	68	169	96	43	274	281
20	178	108	98	233	153	141	75	136	91	37	267	134
21	163	104	107	173	150	136	53	126	85	33	250	98
22	213	102	101	151	146	132	46	118	77	33	301	95
23	743	101	99	142	152	127	43	116	70	32	327	94
24	339	101	98	174	156	121	42	111	61	28	332	92
25	249	97	96	244	147	112	41	109	51	39	418	104
26	234	93	92	180	144	102	40	110	42	34	359	132
27	212	92	90	164	139	94	61	126	75	52	378	102
28	193	97	89	164	133	88	156	145	50	106	380	95
29	180	111	89	167	---	121	100	125	40	84	369	93
30	169	104	89	355	---	289	154	122	35	65	358	91
31	158	---	90	394	---	132	---	152	---	68	338	---
TOTAL	6257	3665	2892	4705	5188	5245	2074	3778	2720	1256	8992	6112
MEAN	202	122	93.3	152	185	169	69.1	122	90.7	40.5	290	204
MAX	743	221	112	394	275	320	156	169	223	106	653	355
MIN	33	92	87	93	133	88	40	93	35	25	96	50
CFSM	3.40	2.06	1.57	2.56	3.12	2.85	1.17	2.06	1.53	.68	4.89	3.44
IN.	3.93	2.30	1.81	2.95	3.25	3.29	1.30	2.37	1.71	.79	5.64	3.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1991, BY WATER YEAR (WY)

	MEAN	63.0	67.8	83.7	110	120	123	92.2	81.1	65.8	59.0	85.7	72.3
MAX	202	122	142	186	185	247	198	165	102	154	290	204	204
(WY)	1991	1991	1990	1978	1991	1980	1980	1984	1981	1975	1991	1991	1991
MIN	20.4	23.7	47.2	54.0	64.2	44.4	30.3	23.7	23.7	20.1	23.6	17.8	17.8
(WY)	1989	1982	1985	1985	1988	1985	1985	1985	1985	1986	1981	1983	1981

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1974 - 1991

ANNUAL TOTAL	36853		52884										
ANNUAL MEAN	101		145							86.9			
HIGHEST ANNUAL MEAN										145			1991
LOWEST ANNUAL MEAN										57.0			1981
HIGHEST DAILY MEAN	743	Oct 23	743	Oct 23	743	Oct 23	743	Oct 23	743	Oct 23	1990		
LOWEST DAILY MEAN	30	Jul 8	25	Jul 15	25	Jul 10	25	Jul 10	13	Jul 19	1986		
ANNUAL SEVEN-DAY MINIMUM	31	Jul 5	27	Jul 10	27	Jul 10	27	Jul 10	15	Oct 3	1981		
INSTANTANEOUS PEAK FLOW			913	Oct 23	913	Oct 23	913	Oct 23	913	Oct 23	1990		
INSTANTANEOUS PEAK STAGE			4.53	Oct 23	4.53	Oct 23	4.53	Oct 23	4.53	Oct 23	1990		
ANNUAL RUNOFF (CFSM)	1.70		2.44		2.44		2.44		2.44				
ANNUAL RUNOFF (INCHES)	23.12		33.18		33.18		33.18		33.18				
10 PERCENT EXCEEDS	169		295		295		295		295				
50 PERCENT EXCEEDS	88		117		117		117		117				
90 PERCENT EXCEEDS	39		43		43		43		43				

SAVANNAH RIVER BASIN

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE NEAR MILLHAVEN, GA

LOCATION.--Lat 32°56'20'', long 81°30'10'', Screven County (GA) - Allendale County (SC), Georgia-South Carolina State line, Hydrologic Unit 03060106, on right bank 500 ft downstream from U.S. Highway 301 bridge, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 118.7.

DRAINAGE AREA.--8,650 mi², approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1982 to current year.

GAGE.--Data collection platform. Datum of gage is 52.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges, July 12 - 15. Records good. Flow regulated by Thurmond Lake (see 02194500).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by Corps of Engineers, discharge, 220,000 ft³/s, from rating curve extended above 141,000 ft³/s.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4900	10300	6010	5860	15700	10600	14700	11800	18500	14300	16100	16700
2	4700	9630	6160	5960	16900	11000	15300	14300	18600	12400	19400	15100
3	4590	9070	5450	6020	17500	12200	14800	15500	17800	13000	21400	10100
4	5030	7360	6150	6500	16300	15200	15500	16400	16400	14500	21800	7210
5	5330	6360	7750	6880	13800	17300	16700	17400	15100	15600	21500	6440
6	5120	6990	8520	6400	11900	18800	18200	18700	12900	16400	20700	6400
7	4550	7810	8660	5490	10300	20600	19700	20000	9900	17100	20100	6040
8	4330	8120	8730	5990	9020	22600	21400	21300	7780	16900	20000	5590
9	4430	8060	7280	7260	9240	23900	21000	22700	7030	15200	20400	6160
10	5410	7910	5780	7480	8570	24500	17800	24600	6260	11800	20800	6820
11	7750	8150	6680	6800	8180	24900	15800	26800	6260	10600	20700	8140
12	10100	9580	8410	6230	8470	25600	15800	28100	6610	9600	19800	9740
13	14600	9610	7060	6820	9720	26600	16400	27900	7050	8800	18000	10400
14	17200	8010	5530	9610	10900	26500	16800	25700	7520	8200	16800	10800
15	20000	7350	5460	10300	12400	24400	16000	22700	8070	7440	17300	9120
16	27600	7580	5540	7870	12700	21400	13000	20700	8760	6810	18400	7550
17	32300	6730	5260	7000	11700	17800	13900	19700	9920	9490	19400	7120
18	29000	5480	5720	8600	10000	13000	15200	19300	8240	11600	20600	7950
19	23700	5410	7220	9080	7450	9170	16000	19200	8760	12900	21900	8280
20	17900	5710	6850	8100	7790	7410	16600	19100	9150	13900	22500	8390
21	11200	6880	6820	9030	8820	7160	16800	18800	9150	13900	20900	8080
22	7540	6030	7690	10800	9370	7020	15500	18600	9490	11900	18700	6590
23	10200	5470	6770	10400	8990	6500	10900	18600	7710	10400	17800	5550
24	14800	5950	6480	8500	8370	5920	9800	18800	7270	10500	17800	7040
25	16800	5550	7280	8470	8160	5700	9690	19000	7020	9780	18300	8990
26	17900	5240	8070	9770	8560	6080	9530	19100	6660	10600	18900	8900
27	18400	5440	7810	11200	9840	8150	9090	18900	7650	10800	19100	9070
28	16700	6850	7190	9970	10500	9220	8470	18000	11800	8740	18400	8060
29	12000	6050	7480	9210	---	9580	7860	17400	13900	8300	16600	6760
30	9190	5390	6810	9930	---	11100	8460	17600	14900	10600	15500	6580
31	10200	---	6040	13200	---	13000	---	18000	---	13900	16100	---
TOTAL	393470	214070	212660	254730	301150	462910	436700	614700	306160	365960	595700	249670
MEAN	12690	7136	6860	8217	10760	14930	14560	19830	10210	11810	19220	8322
MAX	32300	10300	8730	13200	17500	26600	21400	28100	18600	17100	22500	16700
MIN	4330	5240	5260	5490	7450	5700	7860	11800	6260	6810	15500	5550
CFSM	1.47	.82	.79	.95	1.24	1.73	1.68	2.29	1.18	1.36	2.22	.96
IN.	1.69	.92	.91	1.10	1.30	1.99	1.88	2.64	1.32	1.57	2.56	1.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1991, BY WATER YEAR (WY)

	MEAN	7214	7360	9427	12130	13340	16100	14780	10800	8070	8087	8372	7606
MAX	20150	22070	32410	33190	32430	33880	46240	29980	15960	19400	28040	20010	
(WY)	1965	1948	1949	1946	1960	1944	1964	1964	1967	1941	1940	1964	
MIN	2984	3284	4677	5067	5785	6089	5886	4192	4705	4178	4147	3597	
(WY)	1942	1942	1953	1956	1989	1988	1988	1941	1952	1952	1951	1941	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1940 - 1991

ANNUAL TOTAL	4327600			4407880								
ANNUAL MEAN	11860			12080								
HIGHEST ANNUAL MEAN										10260		
LOWEST ANNUAL MEAN										18320		1964
HIGHEST DAILY MEAN	35600	Mar 2		32300	Oct 17					138000	Aug 18	1940
LOWEST DAILY MEAN	4330	Oct 8		4330	Oct 8					2120	Sep 9	1951
ANNUAL SEVEN-DAY MINIMUM	4770	Oct 3		4770	Oct 3					2490	Sep 9	1951
INSTANTANEOUS PEAK FLOW				32700	Oct 17					141000	Aug 18	1940
INSTANTANEOUS PEAK STAGE					17.66	Oct 17				27.00	Aug 18	1940
ANNUAL RUNOFF (CFSM)	1.37			1.40						1.19		
ANNUAL RUNOFF (INCHES)	18.61			18.96						16.12		
10 PERCENT EXCEEDS	27500			20200						19000		
50 PERCENT EXCEEDS	8700			9840						7640		
90 PERCENT EXCEEDS	5540			6030						4930		

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 Clio, 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, Apr. 17 - 22, July 24 - 30, which are fair. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6480	16400	6940	8090	15700	11600	12600	12000	21500	12800	14100	22600
2	5930	14900	7130	7750	16600	12100	13400	12800	21400	13500	15900	21200
3	5670	13600	7410	7690	18000	13000	14200	13700	21600	13700	17800	19900
4	5570	12400	6980	7660	19400	14400	15000	14600	21600	13700	20000	18900
5	5710	10900	7170	7970	20500	15700	15600	15500	21200	13700	23600	16900
6	5970	9130	8370	8330	21100	17100	16200	16300	20400	14000	26900	13600
7	5930	8710	9270	8140	20800	18900	16600	17000	19400	14600	27500	10700
8	5590	9130	9700	7450	19800	20700	17300	17700	17800	15200	26600	9180
9	5360	9490	9860	7470	18300	22500	18200	18500	15300	15700	25100	8240
10	5510	10100	9180	8450	16500	24200	19100	19400	12000	16100	23700	8070
11	6540	10100	7790	9070	15000	26100	20000	20600	9570	16100	22700	8510
12	8570	10100	7780	9040	13600	27500	20700	22200	8550	15500	22300	9270
13	10200	10700	9070	8560	12700	28000	20400	24200	8470	14200	22100	10300
14	11800	11200	8850	8710	12500	28300	19500	26700	8620	12700	22200	11000
15	13200	10700	7520	10200	12700	28600	18600	28700	9320	11200	21900	11300
16	14400	9890	7000	11200	13000	28900	18100	29500	9700	9880	21300	11100
17	15900	9570	6970	10900	13500	28800	17500	28800	10200	9230	20500	9900
18	19900	9010	6750	9830	13800	27800	17000	27100	10900	10300	20000	8890
19	29000	7890	6940	10200	13600	25800	16600	25000	10800	11700	20100	9050
20	34300	7450	8110	11300	12300	22700	16200	23300	10600	12600	20700	9400
21	33800	7570	8370	11700	11000	18700	16700	22400	10800	13200	21600	9520
22	30500	8260	8300	12100	10900	14800	17200	21900	10900	13800	22600	9390
23	26300	7990	8820	12700	11200	11900	17600	21500	11000	14100	23400	8470
24	21100	7290	8550	13200	11200	10200	17500	21000	10400	14000	23900	7340
25	17800	7320	8060	13400	10900	8990	16700	20700	9490	13400	24800	7880
26	16800	7130	8420	13100	10600	8330	15400	20400	8950	14000	25900	9420
27	16900	6770	9060	13100	10500	8300	13900	20400	8590	15100	25000	9900
28	17700	6820	9240	13600	11000	9390	13000	20400	9020	12800	24200	10000
29	18500	7680	8850	14000	---	10400	12400	20300	10700	12200	24000	9690
30	18800	7590	8870	14500	---	11200	12000	20700	12000	12100	24300	8700
31	18200	---	8640	15000	---	11800	---	21500	---	12700	23900	---
TOTAL	457930	285790	253970	324410	406700	566710	495200	644800	390780	413810	698600	338320
MEAN	14770	9526	8193	10460	14520	18280	16510	20800	13030	13350	22540	11280
MAX	34300	16400	9860	15000	21100	28900	20700	29500	21600	16100	27500	22600
MIN	5360	6770	6750	7450	10500	8300	12000	12000	8470	9230	14100	7340
CFSM	1.50	.97	.83	1.06	1.47	1.86	1.68	2.11	1.32	1.36	2.29	1.14
IN.	1.73	1.08	.96	1.23	1.54	2.14	1.87	2.44	1.48	1.56	2.64	1.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1991, BY WATER YEAR (WY)

	MEAN	9158	8569	10930	13980	15630	18150	17610	11960	9645	8788	9036	8037
MAX	83660	26510	39150	34230	37320	34780	55680	33890	27770	21260	32850	23520	
(WY)	1930	1948	1949	1946	1948	1944	1964	1964	1973	1941	1940	1964	
MIN	2772	3233	5122	5853	6722	7043	6664	4873	4925	4635	4793	3098	
(WY)	1932	1932	1940	1956	1989	1988	1986	1941	1988	1952	1951	1931	

SUMMARY STATISTICS

FOR 1990 CALENDAR YEAR

FOR 1991 WATER YEAR

WATER YEARS 1930 - 1991

ANNUAL TOTAL	4797660	5277020	
ANNUAL MEAN	13140	14460	11770
HIGHEST ANNUAL MEAN			20900
LOWEST ANNUAL MEAN			6399
HIGHEST DAILY MEAN	39200	Mar 5	34300
LOWEST DAILY MEAN	5360	Oct 9	5360
ANNUAL SEVEN-DAY MINIMUM	5660	Oct 4	5660
INSTANTANEOUS PEAK FLOW			34900
INSTANTANEOUS PEAK STAGE			16.09
ANNUAL RUNOFF (CFSM)	1.33		1.47
ANNUAL RUNOFF (INCHES)	18.12		19.93
10 PERCENT EXCEEDS	29600		23500
50 PERCENT EXCEEDS	9490		13000
90 PERCENT EXCEEDS	6430		7770
			203000
			1950
			2470
			* 270000
			* 29.70
			1.20
			16.24
			8830
			5670

* Present datum (from information by Corps of Engineers) and from rating curve extended above 120,000 ft³/s.

SAVANNAH RIVER BASIN
02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1965 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	COLI-FORM, FECAL, EC BROTH (MPN)	COLI-FORM, FECAL, 0.7 UM-MF (COLS. / 100 ML)	STREP-TOCOCOCI, FECAL, KF AGAR (COLS. PER 100 ML)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	ALKA-LINITY LAB (MG/L AS CACO3)	COLOR (PLAT-INUM-COBALT UNITS)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)
OCT 16...	0640	14100	767	21.5	490	--	--	1.0	--	110	5.2	59
NOV 07...	1030	8660	762	18.5	--	--	--	--	23	--	7.2	77
13...	0710	10500	769	15.0	50	--	--	0.9	--	40	6.9	68
DEC 11...	0715	7960	768	10.0	50	--	--	0.5	--	40	7.4	65
19...	1220	6900	778	15.5	--	220	210	--	24	--	--	--
JAN 22...	0750	12000	766	8.5	490	--	--	0.4	--	50	8.2	70
FEB 12...	0730	13900	766	9.5	130	--	--	1.0	--	50	8.4	73
MAR 12...	0700	27300	764	10.0	80	--	--	0.8	--	110	7.9	70
26...	1200	8310	770	16.0	--	--	--	--	18	--	--	--

DATE	HARD-NESS TOTAL (MG/L AS CACO3)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	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)
OCT 16...	--	6.6	66	65	74	--	--	--	--	--	--	--
NOV 07...	20	7.3	94	99	10	5.5	1.4	1.6	11	53	1	22
13...	--	6.9	106	109	11	--	--	--	--	--	--	--
DEC 11...	--	6.8	85	--	9.0	--	--	--	--	--	--	--
19...	21	7.4	90	99	5.9	6.0	1.4	1.7	10	49	1	--
JAN 22...	--	6.6	87	94	17	--	--	--	--	--	--	--
FEB 12...	--	6.8	89	86	15	--	--	--	--	--	--	--
MAR 12...	--	--	56	55	23	--	--	--	--	--	--	--
26...	17	7.0	80	74	8.0	4.6	1.3	1.7	7.1	45	0.8	--

DATE	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)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)
OCT 16...	--	--	--	--	--	--	--	43	--	--	--	--
NOV 07...	9.2	<0.10	8.0	9.6	59	60	0.08	--	1380	--	<0.010	<0.010
13...	--	--	--	--	--	--	--	16	--	--	--	--
DEC 11...	--	--	--	--	--	--	--	8	--	--	--	--
19...	9.2	0.10	7.2	9.3	58	62	0.08	--	1080	--	<0.010	<0.010
JAN 22...	--	--	--	--	--	--	--	13	--	--	--	--
FEB 12...	--	--	--	--	--	--	--	9	--	--	--	--
MAR 12...	--	--	--	--	--	--	--	6	--	--	--	--
26...	6.3	0.10	6.6	7.6	44	47	0.06	--	987	0.120	<0.010	0.020

SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (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)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	PHOS- PHORUS DIS- SOLVED (MG/L AS P)
OCT 16...	--	0.120	--	--	<0.030	--	--	--	--	--	--
NOV 07...	0.400	0.300	0.050	0.06	0.080	0.62	0.70	0.09	0.030	0.050	0.040
13...	--	0.330	--	--	0.050	--	--	--	--	--	--
DEC 11...	--	0.200	--	--	0.040	--	--	--	--	--	--
19...	0.400	0.400	0.060	0.08	0.040	0.46	0.50	0.09	0.030	0.040	0.030
JAN 22...	--	0.280	--	--	0.050	--	--	--	--	--	--
FEB 12...	--	0.270	--	--	0.060	--	--	--	--	--	--
MAR 12...	--	0.110	--	--	<0.030	--	--	--	--	--	--
26...	0.120	0.140	0.030	0.04	0.050	0.35	0.40	0.03	0.010	0.010	<0.010

DATE	PHOS- PHORUS TOTAL (UG/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)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 16...	0.120	--	--	--	--	--	--	--	--	--	--
NOV 07...	0.060	100	<1	49	<0.5	<1.0	4	<3	1	400	1
13...	0.150	--	--	--	--	--	--	--	--	--	--
DEC 11...	0.110	--	--	--	--	--	--	--	--	--	--
19...	0.040	30	<1	15	<0.5	1.0	<1	<3	2	310	7
JAN 22...	0.110	--	--	--	--	--	--	--	--	--	--
FEB 12...	0.270	--	--	--	--	--	--	--	--	--	--
MAR 12...	0.050	--	--	--	--	--	--	--	--	--	--
26...	0.050	50	<1	19	<0.5	<1.0	<1	<3	1	300	<1

DATE	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)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)
NOV 07...	24	561	<4	23	85	<0.1	<10	1	<1	<1.0	33
DEC 19...	10	186	<4	18	99	0.2	<10	<1	<2	<1.0	34
MAR 26...	7	157	<4	10	100	0.3	<10	1	<1	<1.0	30

DATE	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)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 16...	--	--	--	--	--	--	--	--	--	--	11
NOV 07...	0.04	<6	23	<0.6	0.9	1.9	1.7	0.6	<0.6	0.32	--
13...	--	--	--	--	--	--	--	--	--	--	11
DEC 11...	--	--	--	--	--	--	--	--	--	--	5.2
19...	--	<6	22	--	--	--	--	--	--	--	--
JAN 22...	--	--	--	--	--	--	--	--	--	--	6.7
FEB 12...	--	--	--	--	--	--	--	--	--	--	6.9
MAR 12...	--	--	--	--	--	--	--	--	--	--	5.5
26...	--	<6	<3	--	--	--	--	--	--	--	--

SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	COLI- FORM, FECAL, EC BROTH (MPN)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	ALKA- LINITY LAB (MG/L AS CACO3)	COLOR (PLAT- INUM- COBALT UNITS)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	HARD- NESS TOTAL (MG/L AS CACO3)	PH (STAND- ARD UNITS)
APR												
03...	0715	14100	773	15.0	330	1.0	--	80	6.7	65	--	6.8
MAY												
14...	0645	26100	761	21.0	330	1.1	--	50	4.4	49	--	6.6
JUN												
11...	0615	9950	767	23.5	<20	0.8	--	40	5.8	68	--	6.8
21...	1300	10900	765	27.0	--	--	19	--	8.2	103	17	7.1
JUL												
30...	0730	12000	763	26.0	550	0.9	--	40	6.1	75	--	7.0
AUG												
27...	0600	25200	767	24.0	<20	0.7	--	45	5.4	64	--	6.9
SEP												
04...	0800	19100	765	24.5	--	--	22	--	7.0	84	20	6.8
17...	0550	10300	765	26.0	<20	1.1	--	15	6.1	75	--	7.2

DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM)	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)
APR												
03...	76	73	23	--	--	--	--	--	--	--	--	--
MAY												
14...	59	61	9.0	--	--	--	--	--	--	--	--	--
JUN												
11...	99	100	19	--	--	--	--	--	--	--	--	--
21...	82	83	4.0	5.0	1.2	1.7	8.7	49	0.9	--	7.6	<0.10
JUL												
30...	78	82	12	--	--	--	--	--	--	--	--	--
AUG												
27...	67	65	8.0	--	--	--	--	--	--	--	--	--
SEP												
04...	84	89	4.3	5.5	1.4	3.5	7.4	40	0.7	22	7.9	<0.10
17...	80	76	9.0	--	--	--	--	--	--	--	--	--

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)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L)	SOLIDS, DIS- SOLVED (TONS PER DAY)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
APR												
03...	--	--	--	--	--	19	--	--	--	--	--	0.280
MAY												
14...	--	--	--	--	--	6	--	--	--	--	--	0.190
JUN												
11...	--	--	--	--	--	24	--	--	--	--	--	0.350
21...	6.5	8.3	28	53	0.04	--	824	0.360	<0.010	0.020	0.360	0.380
JUL												
30...	--	--	--	--	--	14	--	--	--	--	--	0.220
AUG												
27...	--	--	--	--	--	3	--	--	--	--	--	0.120
SEP												
04...	4.6	9.4	49	53	0.07	--	2530	--	<0.010	<0.010	0.180	0.170
17...	--	--	--	--	--	12	--	--	--	--	--	0.220

SAVANNAH RIVER BASIN

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DATE	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)	PHOS- PHORUS ORTHO TOTAL (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)
APR 03...	--	--	0.240	--	--	--	--	--	--	0.100	--	--
MAY 14...	--	--	<0.030	--	--	--	--	--	--	0.150	--	--
JUN 11...	--	--	0.040	--	--	--	--	--	--	0.120	--	--
JUN 21...	0.060	0.08	0.050	0.65	0.70	0.25	0.080	0.060	0.100	0.110	30	<1
JUL 30...	--	--	0.040	--	--	--	--	--	--	0.120	--	--
AUG 27...	--	--	<0.030	--	--	--	--	--	--	0.090	--	--
SEP 04...	<0.010	--	0.030	0.47	0.50	0.06	0.020	0.030	0.050	0.090	60	<1
SEP 17...	--	--	<0.030	--	--	--	--	--	--	0.090	--	--

DATE	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)	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)
JUN 21...	15	0.5	<1.0	<1	<3	<1	230	1	39	1150	<4
SEP 04...	24	<0.5	<1.0	<1	<3	6	800	7	8	413	<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)	CARBON, ORGANIC TOTAL (MG/L AS C)
APR 03...	--	--	--	--	--	--	--	--	--	--	6.9
MAY 14...	--	--	--	--	--	--	--	--	--	--	5.6
JUN 11...	--	--	--	--	--	--	--	--	--	--	4.3
JUN 21...	10	78	0.4	<10	1	<1	<1.0	31	<6	20	--
JUL 30...	--	--	--	--	--	--	--	--	--	--	5.1
AUG 27...	--	--	--	--	--	--	--	--	--	--	9.9
SEP 04...	35	94	0.3	<10	2	<1	2.0	36	<6	370	--
SEP 17...	--	--	--	--	--	--	--	--	--	--	4.8

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'', long 81°07'53'', Jasper County, Hydrologic Unit Code 03060109, on canal near Bride Point at Jasper-Beaufort Water Authority pump house, 14 mi upstream from Abercorn Creek, and 7 mi northwest of Hardeeville, SC.

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

GAGE.--Data collection platform. Records prior to October 1, 1987 are available through the U.S. Geological Survey, Georgia District. Datum of gage is National Geodetic Vertical Datum of 1929, (levels furnished by the US Army Corps of Engineers). Prior to May 30, 1990, at a site 2.0 mi downstream at same datum.

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.02 ft, Oct. 23, 1990; minimum, 2.34 ft, July 22, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 13.02 ft, Oct. 23, but may have been higher during the period of no gage-height record Oct. 21 to Oct. 23; minimum, 3.68 ft, Oct. 9.

GAGE HEIGHT (FEET NGVD) WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	6.21	4.69	5.47	---	---	---	6.98	5.39	6.17	7.56	6.28	6.92
2	6.03	4.29	5.29	---	---	---	6.88	5.09	6.01	7.39	6.13	6.79
3	5.99	3.98	5.07	---	---	---	7.12	5.36	6.26	7.25	5.88	6.55
4	6.08	4.00	5.09	---	---	---	6.73	5.15	5.94	7.16	5.83	6.54
5	6.11	3.83	5.04	---	---	---	6.53	4.87	5.67	7.17	6.03	6.65
6	6.45	4.15	5.37	---	---	---	7.01	5.46	6.23	7.14	6.22	6.68
7	6.34	4.33	5.38	---	---	---	7.48	6.30	6.87	7.02	6.04	6.59
8	6.14	4.07	5.14	---	---	---	7.68	6.78	7.28	6.90	5.62	6.31
9	6.13	3.68	4.97	---	---	---	7.74	6.99	7.41	6.57	5.50	5.99
10	6.47	3.91	5.28	---	---	---	7.74	6.78	7.31	6.80	5.52	6.31
11	7.31	5.33	6.30	---	---	---	7.28	6.00	6.70	7.48	6.21	7.01
12	8.45	6.65	7.72	---	---	---	6.78	5.60	6.18	7.68	6.87	7.23
13	8.99	8.07	8.49	---	---	---	6.89	5.74	6.44	7.45	6.72	7.05
14	9.53	8.73	9.13	---	---	---	7.21	6.42	6.79	7.49	6.62	7.06
15	9.82	9.32	9.56	---	---	---	7.14	5.82	6.48	8.14	7.02	7.57
16	10.00	9.61	9.79	8.49	7.79	8.18	6.48	5.12	5.78	8.52	7.81	8.19
17	10.24	9.85	10.03	8.13	7.35	7.74	6.33	4.97	5.60	8.60	8.15	8.36
18	10.54	10.16	10.34	7.97	7.11	7.52	6.39	4.94	5.62	8.54	7.66	8.10
19	11.04	10.54	10.74	7.55	6.27	6.95	6.10	4.80	5.45	8.60	7.48	7.95
20	12.15	11.05	11.42	6.91	5.69	6.31	6.97	5.38	6.24	9.04	8.63	8.79
21	---	---	---	6.77	5.56	6.18	7.30	6.46	6.86	9.34	9.07	9.22
22	---	---	---	6.90	5.76	6.35	7.20	6.46	6.81	9.66	9.31	9.50
23	---	---	---	6.86	5.87	6.40	7.29	6.55	6.93	9.73	9.49	9.64
24	12.94	12.54	12.77	6.46	5.36	5.93	7.28	6.33	6.81	9.94	9.53	9.78
25	12.53	11.92	12.23	6.29	5.25	5.74	7.02	6.09	6.57	10.13	9.86	10.05
26	11.90	11.37	11.65	6.14	5.17	5.67	7.10	6.07	6.63	10.26	10.03	10.15
27	11.37	10.93	11.16	6.20	4.99	5.57	7.42	6.28	6.98	10.26	10.06	10.15
28	---	---	---	6.33	4.80	5.54	7.71	6.64	7.21	10.32	10.08	10.24
29	---	---	---	6.57	4.88	5.81	7.74	6.70	7.17	10.53	10.23	10.34
30	---	---	---	7.08	5.48	6.29	7.66	6.50	7.06	10.86	10.52	10.68
31	---	---	---	---	---	---	7.58	6.50	7.00	11.06	10.86	10.96
MONTH	12.94	3.68	8.06	8.49	4.80	6.41	7.74	4.80	6.53	11.06	5.50	8.17

SAVANNAH RIVER BASIN

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE. SC--Continued

GAGE HEIGHT (FEET NGVD) WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.20	11.06	11.13	8.70	7.96	8.34	9.05	8.62	8.80	9.51	9.01	9.27
2	11.29	11.20	11.26	9.04	8.48	8.75	9.30	8.90	9.07	9.30	9.07	9.21
3	11.29	11.27	11.28	9.92	9.02	9.48	9.55	9.27	9.42	9.47	9.28	9.38
4	11.33	11.28	11.30	10.29	9.94	10.13	9.75	9.56	9.68	9.59	9.36	9.53
5	11.46	11.33	11.41	10.68	10.30	10.53	9.96	9.70	9.87	9.82	9.51	9.71
6	11.63	11.47	11.57	10.93	10.69	10.85	10.22	9.94	10.14	9.97	9.72	9.89
7	11.76	11.63	11.71	11.08	10.93	11.02	10.38	10.22	10.32	10.20	9.96	10.10
8	11.76	11.76	11.76	11.42	11.10	11.26	10.58	10.37	10.49	10.50	10.20	10.32
9	11.76	11.70	11.75	11.71	11.42	11.58	10.72	10.57	10.66	10.62	10.47	10.53
10	11.70	11.44	11.58	12.00	11.71	11.87	10.94	10.71	10.83	10.80	10.61	10.68
11	11.44	11.03	11.25	12.28	12.00	12.14	11.16	10.94	11.02	10.93	10.80	10.84
12	11.03	10.57	10.75	12.55	12.28	12.42	11.43	11.16	11.28	11.25	10.93	11.07
13	10.57	9.99	10.24	12.73	12.55	12.65	11.57	11.43	11.50	11.58	11.27	11.41
14	10.05	9.40	9.66	12.82	12.73	12.78	11.62	11.57	11.60	11.90	11.59	11.74
15	9.55	9.05	9.26	12.83	12.82	12.83	11.60	11.51	11.56	12.25	11.91	12.08
16	9.29	8.95	9.10	12.86	12.83	12.85	11.50	11.36	11.45	12.54	12.26	12.43
17	9.40	9.11	9.25	12.92	12.86	12.89	11.36	11.26	11.32	12.70	12.54	12.66
18	9.52	9.27	9.40	12.92	12.92	12.92	11.29	11.22	11.26	12.71	12.70	12.71
19	9.57	9.34	9.46	12.92	12.76	12.87	11.22	11.17	11.20	12.70	12.59	12.66
20	9.56	9.02	9.34	12.76	12.57	12.70	11.22	11.17	11.21	12.59	12.39	12.48
21	9.15	8.27	8.78	12.57	12.22	12.40	11.20	11.16	11.17	12.39	12.33	12.34
22	8.55	7.96	8.26	12.21	11.57	11.92	11.15	11.12	11.13	12.33	12.18	12.24
23	8.38	7.94	8.18	11.54	10.42	11.07	11.12	11.12	11.12	12.18	12.01	12.06
24	8.55	8.02	8.28	10.37	8.87	9.75	11.12	11.10	11.12	12.01	11.85	11.91
25	8.56	8.02	8.25	8.84	7.57	8.35	11.10	11.02	11.05	11.85	11.69	11.77
26	8.48	7.84	8.13	7.83	6.78	7.33	11.02	10.86	10.97	11.69	11.61	11.66
27	8.33	7.65	8.00	7.31	6.25	6.81	10.86	10.54	10.69	11.61	11.53	11.58
28	8.44	7.72	8.12	7.56	6.27	6.88	10.56	10.03	10.31	11.53	11.48	11.51
29	---	---	---	8.23	6.90	7.48	10.20	9.52	9.84	11.48	11.42	11.46
30	---	---	---	8.56	7.76	8.07	9.72	9.21	9.45	11.83	11.42	11.59
31	---	---	---	8.83	8.21	8.49	---	---	---	11.91	11.83	11.87
MONTH	11.76	7.65	9.94	12.92	6.25	10.63	11.62	8.62	10.65	12.71	9.01	11.25
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	12.05	11.90	11.92	8.61	8.19	8.40	10.07	9.12	9.63	12.63	12.47	12.56
2	12.13	12.05	12.11	8.94	8.52	8.75	10.65	10.08	10.45	12.47	12.30	12.39
3	12.18	12.13	12.17	9.11	8.75	8.99	11.10	10.65	10.88	12.30	12.07	12.17
4	12.17	12.03	12.11	9.30	8.92	9.12	11.49	11.10	11.30	12.07	11.82	11.93
5	12.03	11.98	12.00	9.48	9.07	9.24	11.80	11.49	11.63	11.82	11.52	11.66
6	11.98	11.83	11.89	9.53	9.16	9.34	12.21	11.80	11.98	11.52	10.99	11.28
7	11.82	11.70	11.77	9.69	9.33	9.48	12.56	12.21	12.39	10.99	9.94	10.44
8	11.70	11.49	11.59	9.90	9.51	9.64	12.63	12.56	12.61	9.95	8.48	9.21
9	11.49	11.12	11.31	10.10	9.71	9.85	12.63	12.58	12.61	8.72	7.16	8.02
10	11.12	10.36	10.70	10.26	9.98	10.06	12.56	12.37	12.48	7.84	6.43	7.19
11	10.36	8.78	9.50	10.32	10.12	10.23	12.37	12.23	12.32	7.43	6.33	6.94
12	9.00	7.02	7.95	10.37	10.20	10.30	12.28	12.16	12.23	7.46	6.43	7.01
13	7.89	6.26	7.06	10.39	10.05	10.25	12.16	12.06	12.13	7.93	7.01	7.45
14	7.48	6.25	6.85	10.20	9.58	9.95	12.16	12.10	12.13	8.20	7.44	7.85
15	7.68	6.85	7.30	9.71	8.94	9.39	12.11	12.02	12.07	8.31	7.75	8.08
16	7.91	7.08	7.50	9.29	8.31	8.91	12.02	11.98	12.01	---	---	---
17	7.93	7.16	7.59	8.48	7.55	8.11	11.98	11.90	11.95	---	---	---
18	---	---	---	8.06	7.39	7.76	11.90	11.73	11.80	---	---	---
19	---	---	---	8.41	7.69	8.07	11.72	11.58	11.64	---	---	---
20	---	---	---	8.83	8.12	8.45	11.58	11.53	11.56	---	---	---
21	---	---	---	9.14	8.62	8.81	11.53	11.49	11.50	---	---	---
22	---	---	---	9.36	8.93	9.08	11.53	11.49	11.50	---	---	---
23	---	---	---	9.48	9.17	9.27	11.65	11.53	11.59	---	---	---
24	---	---	---	9.58	9.26	9.38	11.84	11.66	11.76	---	---	---
25	8.35	7.27	7.82	9.66	9.43	9.54	12.03	11.84	11.98	---	---	---
26	8.01	6.69	7.34	9.68	9.40	9.53	12.30	12.04	12.15	7.15	5.80	6.52
27	7.54	6.25	6.91	9.63	9.24	9.42	12.71	12.30	12.52	7.66	6.60	7.17
28	7.38	6.25	6.76	9.51	9.06	9.30	12.80	12.72	12.78	7.91	6.99	7.47
29	7.74	6.70	7.20	9.34	8.88	9.12	12.80	12.74	12.77	7.89	7.05	7.52
30	8.21	7.58	7.91	9.15	8.71	8.94	12.74	12.70	12.73	7.51	6.52	7.14
31	---	---	---	9.27	8.83	9.03	12.71	12.64	12.68	---	---	---
MONTH	12.18	6.25	9.36	10.39	7.39	9.22	12.80	9.12	11.93	12.63	5.80	9.00
YEAR	12.94	3.68	9.42									

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 1990 TO SEPTEMBER 1991

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, 1990	220.4	1290		96.8	8733		96.9	1201		96.9	5847	
Oct. 31, 1990	221.0	1349	22.0	99.3	10013	477.9	99.8	1601	149.3	100.3	7806	731.4
Nov. 30, 1990	221.0	1349	0	97.5	9082	-359.2	97.3	1254	-133.9	94.5	4574	-1246.9
Dec. 31, 1990	221.1	1359	3.7	98.1	9386	113.5	96.2	1111	-53.4	94.8	4728	57.5
Cal. Yr. 1990			-0.6			12.9			-2.0			-11.6
Jan. 31, 1991	221.4	1389	11.2	97.4	9031	-132.9	98.0	1347	88.1	98.4	6690	732.5
Feb. 29, 1991	221.2	1369	-8.3	97.1	8881	-62.0	97.4	1267	-33.1	97.0	5902	-325.7
Mar. 31, 1991	221.4	1389	7.5	99.9	10334	542.5	99.8	1601	124.7	100.4	7867	734.6
Apr. 30, 1991	221.3	1379	-3.9	99.1	9907	-164.7	100.0	1630	11.2	97.5	6179	-651.2
May 31, 1991	221.1	1359	-7.5	97.1	8881	-383.1	96.6	1162	-174.5	97.1	5957	-82.9
June 30, 1991	220.7	1320	-15.0	97.2	8931	19.3	96.4	1137	-9.6	97.2	6012	21.2
July 31, 1991	221.5	1400	29.9	97.3	8981	18.7	97.0	1214	28.7	97.2	6012	0
Aug. 31, 1991	221.0	1349	-19.0	97.2	8931	-18.7	96.2	1111	-38.5	96.9	5847	-61.6
Sept. 30, 1991	220.9	1339	-3.9	96.9	8782	-57.5	97.2	1240	49.8	96.9	5847	0
WTR YR 1991			1.6			1.6			1.2			0

DISCHARGE AT PARTIAL-RECORD STATIONS

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for the current year and the period of record is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1991 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
FEE DEE RIVER BASIN								
Midway Swash at Myrtle Beach, SC (02110740)	Lat 33°39'44'', long 78°55'25'', Horry County, on Hwy 17 at Myrtle Beach AFB, 1.0 mi from Atlantic Ocean. Drainage area is 0.80 mi ² .	1987-91	08-12-91	6.23	248	04-15-87	7.14	368
Little Bear Creek near Chesterfield, SC (02130400)	Lat 34°40'09'', long 80°09'11'', Chesterfield County, on State Highway 145, 5.5 mi southwest of Chesterfield. Drainage area is 4.10 mi ² .	1974-91	05-08-91	6.11	(+)*	10-08-76	8.12	(+)
Phils Creek near Wallace, SC (02130496)	Lat 34°44'18'', long 79°46'26'', Marlboro County, on State Highway 30, 4.0 mi northeast of Wallace, 1.8 mi northeast of Grants Mill Pond, and 3.1 mi north of Chavistown. Drainage area is 4.54 mi ² .	1991	09-22-91	3.82	59.5	09-22-91	3.82	59.5
Herndon Branch near Bennetts- ville, SC (02130550)	Lat 34°38'27'', long 79°44'46'', Marlboro County, on State Highway 9, 2.8 mi upstream from Naked Creek, and 4.5 mi northwest of Bennettsville. Drainage area is 3.45 mi ² .	1975-91	03-05-91	3.41	(+)	03-18-83	3.92	(+)
Back Swamp near Darlington, SC (02130800)	Lat 34°18'11'', long 79°46'07'', Darlington County, on State Highway 35, 5.7 mi east of Darlington. Drainage area is 6.22 mi ² .	1975-91	B	A	(+)	04-10-83	8.59	267
Tributary to Swift Creek at Darlington, SC (02130970)	Lat 34°18'11'', long 79°51'23'', Darlington County, east of 6th Street at a crossing of a trib- utary to Swift Creek, 1.1 mi east of City Hall in Darlington and 0.1 mi upstream of the mouth at Swift Creek. Drainage area is 0.51 mi ² .	1986-91	05-14-91	5.00	121	06-04-87	5.73	155
Jeffries Creek above Florence, SC (02131110)	Lat 34°10'40'', long 79°48'34'', Florence County, at bridge on State Highway 29, 2.6 mi southwest of Florence, and 5.0 mi upstream from confluence with Middle Swamp. Drainage area is 46.6 mi ² .	1968-91	08-12-91	6.65	600	03-18-83	8.15	1,430
Gully Branch at Cherokee Road at Florence, SC (02131130)	Lat 34°11'00'', long 79°46'12'', Florence County, 1.1 mi south of the City/County Complex, and 0.8 mi upstream of the mouth at Jeffries Creek. Drainage area is 1.92 mi ² .	1984-91	08-12-91	6.20	732	08-12-91	6.20	732

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1991 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Neds Creek near Kershaw, SC (02131460)	Lat 34°32'39'', long 80°31'39'', Kershaw County, on State Highway 413, 1.0 mi upstream from Little Lynches River and 3.2 mi east of Kershaw. Drainage area is 3.98 mi ² .	1975-91	05-04-91	5.21	152	05-04-91	5.21	152
Lynches River near Bishop- ville, SC (02131500)	Lat 34°15'00'', long 80°12'50'', Lee County, on U.S. Highway on U.S. Highway 15, 1.0 mi upstream from Seaboard Coast Line Railroad bridge, 2.9 mi northeast of Bishopville, 3.0 mi downstream from Bells Branch. Drainage area is 675.0 mi ² .	1942-71 1972-91	05-14-91	14.72	6,239	02-25-79	18.26	15,500
Carter Creek at Effingham, SC (02131990)	Lat 34°03'51'', long 79°46'03'', Florence County, on U.S. Highway 301, 0.8 mi northwest of Effingham, and 0.9 mi upstream from Lynches River. Drainage area is 8.28 mi ² .	1974-91	08-12-91	7.56	1,290	08-12-91	7.56	1,290
Two Mile Branch near Lake City, SC (02132100)	Lat 33°53'38'', long 79°45'38'', Florence County, on U.S. Highway 378 By-Pass and 1.4 mi north of Lake City. Drainage area is 19.0 mi ² .	1976-91	10-17-90	7.65	1,500	10-17-90	7.65	1,500
Little Pee Dee River near Dillon, SC (02132500)	Lat 34°24'17'', long 79°20'25'', Dillon County, on State Highway 9, 1.9 mi southeast of Dillon 3.9 mi upstream from Maple Swamp. Drainage area is 524.0 mi ² .	1939-71 1972-91	08-03-91	10.91	3,854	09-20-45	14.64	9,810
Brunson Swamp near Dog Bluff, SC (02135070)	Lat 33°56'33'', long 79°13'15'', Horry County, on road 24, 12.0 mi west of Conway and 0.7 mi southeast of Dog Bluff. Drainage area is 11.28 mi ² .	1991	08-16-91	7.36	523	08-16-91	7.36	523
Davis Branch near Sumter, SC (021355013)	Lat 33°49'53'', long 80°12'38'', Sumter County, off road 341, 9.5 mi southeast of Sumter and 15.8 mi northeast of Pinewood. Drainage area is 2.50 mi ² .	1991	08-07-91	5.70	(+)	08-07-91	5.70	(+)
Turkey Creek at Sumter, SC (02135518)	Lat 33°55'13'', long 80°19'43'', Sumter County, 0.7 mi east of City Hall, 4.0 mi above mouth at Pocotaligo River, on Hwy 76 crossing of Turkey Creek. Drainage area is 2.20 mi ² .	1985-91	05-16-91	10.18	527	05-16-91	10.18	527
Belt Branch near Manning, SC (02135620)	Lat 33°41'54'', long 80°13'51'', Clarendon County, on State Highway 261, 1.1 mi west of Manning, 2.5 mi upstream from the confluence with Pocotaligo Swamp. Drainage area is 0.83 mi ² .	1974-91	08-12-91	14.46	126	07-26-89	14.85	120
Chaney Swamp near Greeley ville, SC (02136010)	Lat 33°35'12'', long 79°56'48'', Williamsburg County, on U.S. High- way 52, 2.5 mi upstream from Rocky Ford Swamp, and 2.5 mi east of Greeleyville. Drainage area is 17.0 mi ² .	1974-91	10-12-90	6.76	340	03-13-80	7.06	397

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1991 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Poplar Hill Branch near Hemingway, SC (02136110)	Lat 33°43'08'', long 79°27'44'', Williamsburg County, on road 121, 2.5 mi southwest of Heming- way and 3.0 mi southeast of Stuckey. Drainage area is 4.72 mi ² .	1991	03-08-91	5.47	(+)	03-08-91	5.47	(+)
Santee River Basin								
Camp Run Creek near Clover, SC (021456499)	Lat 35°06'27'', long 81°08'23'', York County, on road 649, 4.5 mi east of Clover. Drainage area is 3.14 mi ² .	1990-91	10-12-90	6.73	(+)	10-12-90	6.73	(+)
Tributary to Little Dutch- man Creek near Rock Hill, SC (02145940)	Lat 34°58'34'', long 81°01'02'', York County, 0.2 mi upstream of mouth at Little Dutchman Creek, at Celanese Road (State Hwy 161) crossing of Little Dutchman Creek. Drainage area is 3.50 mi ² .	1985-91	03-13-91	9.18	778	08-19-86	11.57	1,118
Dunn Creek near Lands- ford, SC (021471900)	Lat 34°46'00'', long 80°53'23'', Chester County, on County road 330, 1.8 mi southeast of Lands- ford. Drainage area is 2.35 mi ² .	1990-91	03-04-91	9.13	256	03-04-91	9.13	256
Camp Creek near Heath Springs, SC (021474070)	Lat 34°37'16'', long 80°43'45'', Lancaster County, on road 619, 3.5 mi northwest of Heath Springs. Drainage area is 2.84 mi ² .	1990-91	05-19-91	11.46	446	05-19-91	11.46	446
Scabber Branch near Great Falls, SC (02147600)	Lat 34°30'17'', long 81°00'22'', Fairfield County, on State High- way 200, 1.1 mi upstream of Big Waterree Creek and 7.0 mi southwest of Great Falls. Drainage area is 4.55 mi ² .	1975-91	03-04-91	8.50	1,707	10-26-77	10.07	2,670
Horse Creek near Winnsboro, SC (021476511)	Lat 34°24'07'', long 80°58'59'', Fairfield County, on State High- way 41, 8.6 mi east of Winnsboro and 6.8 mi south of Ridgeway. Drainage area is 4.73 mi ² .	1990-91	08-02-91	10.85	(+)	08-02-91	10.85	(+)
Swift Creek near Camden, SC (02148090)	Lat 34°11'49'', long 80°28'58'', Kershaw County, on County Road 786, 7.9 mi southeast of Camden. Drainage area is 4.90 mi ² .	1990-91	10-24-90	6.94	93.2	10-24-90	6.94	93.2
Buck Horn Creek near York, SC (02153750)	Lat 35°02'09'', long 81°18'44'', York County, on State Highway 5, 4.5 mi upstream from Bullocks Creek, and 4.0 mi northwest of York. Drainage area is 5.23 mi ² .	1975-91	10-12-90	7.40	362	10-12-90	7.40	362
Bullock Creek near Sharon SC, (02153800)	Lat 34°48'45'', long 81°26'15'', York County, on county road 211, 2.5 mi northwest of Sharon, 3.0 mi southeast of Hickory Grove. Drainage area is 84.33 mi ² .	1990-91	10-12-90	17.36	(+)	10-12-90	17.36	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1991 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Bells Creek near Sharon, SC (02153840)	Lat 34°53'09'', long 81°25'51'', York County, on County Road 73, 7.2 mi southwest of Sharon, 12.0 mi west of McConnells, 4.5 mi upstream from confluence of Bullocks Creek and Broad River. Drainage area is 5.96 mi ² .	1990-91	10-12-90	8.47	960	10-12-90	8.47	960
Lawsons Fork Creek at Spartanburg, SC (02156300)	Lat 34°56' 53'', long 81°52'08'', Spartanburg County, on county road 718, 0.5 mi downstream from Halfway Branch, 0.8 mi east of Spartanburg, and 1.9 mi west of Glendale. Drainage area is 74.70 mi ² .	1966-70 1970-91	10-12-90	18.65	7,650	10-12-90	18.65	7,650
Turkey Creek near Lowrys SC (021563931)	Lat 34°48'47'', long 81°22'10'', Chester County, on county road 97, 11.5 mi northwest of Chester, 7.5 mi west of Lowrys. Drainage area is 81.51 mi ² .	1990-91	10-13-90	17.37	(+)	10-13-90	17.37	(+)
Rodens Creek near Chester, SC (021563973)	Lat 34°44'58'', long 81°21'33'', Chester County, on State Road 9, 11.0 mi southeast of Lockhart and 7.0 mi northwest of Chester. Drainage area is 2.22 mi ² .	1990-91	10-13-90	12.26	392	10-13-90	12.26	392
Middle Tyger River at Lyman, SC (02157500)	Lat 34°56'35'', long 82°08'00'', Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman. Drainage area is 68.3 mi ² .	1937-68 1970-91	03-29-91	8.56	2,374	08-14-40	16.16	4,800
Dutchman Creek near Pauline, SC (02159600)	Lat 34°47'55'', long 81°52'46'', Spartanburg County, on county road 90, 75 feet downstream from Smith Creek and 2.2 mi southwest of Pauline. Drainage area is 8.97 mi ² .	1966-74 ♦ 1975-91	10-13-90	14.49	4,500	10-13-90	14.49	4,500
Tributary to Fairforest Creek at Spar- tanburg, SC (02159785)	Lat 34°57'10'', long 81°57'57'', Spartanburg County, at the S.C. Road S-42-485 crossing of a trib- utary to Fairforest Creek, 0.1 mi upstream from the mouth at Fairforest Creek. Drainage area is 0.52 mi ² .	1987-91	11-10-90	5.19	243	11-10-90	5.19	243
Fairforest Creek near Union, SC (02160000)	Lat 34°40'45'', long 81°41'25'', Union County, on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union. Drainage area is 183.0 mi ² .	1940-71 ♦ 1973-91	10-13-90	8.94	10,900	10-09-76	9.43	11,700
Enoree River near Travelers Rest, SC (02160130)	Lat 34°59'21'', long 82°25'15'', Greenville County, on U.S. High- way 25, 0.6 mi upstream from North Enoree River and 2.0 mi northeast of Travelers Rest. Drainage area is 5.37.	1929-74 ♦ 1975-91	B	A	(+)	03-17-90	8.05	725

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1991 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Brushy Creek near Green- ville, SC (02160325)	Lat 34°53'00'', long 82°18'05'', Greenville County, 0.7 mi south of Eastside High School, 0.5 mi southeast of St. Luke Church, 5.0 mi upstream from the mouth at Enoree, at the (J-180) crossing of Brushy Creek. Drainage area is 9.05 mi ² .	1985-91	07-30-91	7.68	734	03-01-87	9.21	942
Enoree River near Enoree, SC (02160500)	Lat 34°36'38'', long 81°54'35'', Spartanburg County, on State Highway 49, 0.75 mi upstream from Warrior Creek, 4.0 mi southeast of Enoree. Drainage area is 307.0 mi ² .	1929-64 1964-77 1977-91	10-13-90	5.87	8,580	10-02-29	10.50	30,000
Second Creek near Pomaria, SC (02160800)	Lat 34°20'06'', long 81°30'11'', Newberry County, on U.S. Highway 176, 5.5 mi upstream of Hellers Creek, and 7.2 mi northwest of Pomaria. Drainage area is 1.87 mi ² .	1966-74 1975-91	03-31-91	4.21	215	05-26-82	5.98	316
Hamilton Creek near Easley, SC (02162525)	Lat 34°50'10'', long 82°33'50'', Pickens County, on State Highway 135, 4.6 mi northeast of Easley, 0.6 mi upstream of Georgas Creek. Drainage area is 1.60 mi ² .	1981-86 1987-91	B	A	(+)	03-17-90	5.95	(+)
Saluda River near Pelzer, SC (02163000)	Lat 34°40'05'', long 82°27'55'', Anderson County, 0.4 mi downstream from Hurricane Creek, 1.9 mi north of Pelzer. Drainage area is 405.0 mi ² .	1929-71 1972-91	03-31-91	4.95	4,275	10-07-49	10.53	13,600
Richland Creek Tributary at Greenville, SC (02163940)	Lat 34°52'42'', long 82°23'52'', Greenville County, 4.2 mi southeast of Furman University, 1.9 mi north of Federal Building, 0.7 mi upstream of the mouth at Richland Creek, 0.2 mi west of Washington Center School. Drainage area is 0.78 mi ² .	1985-91	05-18-91	4.91	252	03-17-90	5.74	316
Brushy Creek at Greenville, SC (02164011)	Lat 34°49'25'', long 82°24'26'', Greenville County, on Grove Road (Road 20), 1.7 mi south of City Hall in Greenville, 3.9 mi up- stream from mouth. Drainage area is 2.82 mi ² .	1983-91	05-18-91	8.27	1,463	05-18-91	8.27	1,463
Dirty Creek Tributary near Laurens, SC (02165350)	Lat 34°29'44'', long 82°05'15'', Laurens County, on State Highway 252, 2.8 mi upstream of Dirty Creek and 4.1 mi west of Laurens. Drainage area is 1.21 mi ² .	1974-91	10-12-90	5.88	143	10-12-90	5.88	143
Sample Branch at Greenwood, SC (02166975)	Lat 34°12'56'', long 82°09'20'', Greenwood County, 1.9 mi north of the County Courthouse, 1.3 mi up- stream from the mouth at Rocky Creek, U.S. 25/178 Bypass (and SR 72) crossing of Sample Branch Creek. Drainage area is 1.16 mi ² .	1985-91	10-12-90	9.80	(+)	10-12-90	9.80	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1991 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Tributary to Crane Creek at Columbia, SC (02167020)	Lat 34°03'02'', long 81°02'05'', Richland County, on Carola Street (SR 876), 0.3 mi north of Columbia College, and 1.3 mi upstream from the mouth at Crane Creek. Drainage area is 0.28 mi ² .	1985-91	05-12-91	9.99	208	05-12-91	9.99	208
Watkins Creek near Cross Hill, SC (02167200)	Lat 34°19'32'', long 81°54'38'', Laurens County, on State Highway 560, 1.8 mi upstream from Campbell Creek, and 4.4 mi northeast of Cross Hill. Drainage area is 0.62 mi ² .	1964-74 1975-91	10-12-90	9.71	5,200	07-17-89	10.49	(+)
Camping Creek Tributary near Prosperity, SC (02167750)	Lat 34°12'35'', long 81°30'08'', Newberry County, on county road 437, 0.35 mi above Camping Creek, and 1.8 mi east of Prosperity. Drainage area is 0.52 mi ² .	1974-91	01-11-91	7.22**	(+)	03-13-75	6.60	103
Tributary to Saluda River at Columbia, SC (02168845)	Lat 34°02'26'', long 81°08'29'', Richland County, on Bush River Road (S-32-273), at the crossing of a tributary to Saluda River, 0.7 mi upstream of the Saluda River. Drainage area is 0.45 mi ² .	1985-91	10-10-90	5.42	163	09-10-87	6.95	245
Rocky Branch at Columbia, SC (02169505)	Lat 33°59'41'', long 81°01'26'', Richland County, on Pickens Street, 0.7 mi southeast of the State Capitol, 2.0 mi upstream of the mouth at the Congaree River. Drainage area is 2.41 mi ² .	1984-91	05-12-91	6.17	933	08-12-86	8.05	1300
Savanna Branch near Cayce, SC (02169540)	Lat 33°55'47'', long 81°07'05'', Lexington County, on State High- way 302, 0.75 mi upstream from Congaree Creek and 3.9 mi southwest of Cayce. Drainage area is 7.15 mi ² .	1974-91	B	A	(+)	B	A	(+)
Pen Branch at Columbia, SC (02169568)	Lat 34°00'46'', long 80°58'56'', Richland County, on the Brentwood Street crossing of Pen Branch, 0.6 mi southeast of the inter- section of Forest Drive and Beltline Blvd, 1.3 mi upstream from the mouth at Lake Katherine. Drainage area is 2.26 mi ² .	1985-91	07-27-91	6.88	591	08-12-86	7.92	984
Cedar Creek below Myers Creek near Hopkins, SC (02169670)	Lat 33°50'23'', long 80°33'09'', Richland County, 150 ft below Myers Creek, 4.5 mi south of Hopkins. Drainage area is 66.9 mi ² .	1980-86 1987-91	05-06-91	6.21	356	03-01-87	8.98	(+)
Lake Marion Tributary near Vance, SC (02169960)	Lat 33°27'26'', long 80°26'32'', Orangeburg County, on State Highway 6, 1.4 mi upstream from Lake Marion and 2.0 mi northeast of Vance. Drainage area is 2.12 mi ² .	1966-74 1975-91	10-11-91	5.44	167	10-11-91	5.44	167

See footnotes at end of table.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Cooper River Basin								
Noisette Creek at North Charleston, SC (0217206930)	Lat 32°52'20'', long 79°59'28'', Charleston County, near 1451 Bexley Street at the Southern Railroad Crossing of Noisette Creek, 0.3 mi east of the inter- section of Rivers Avenue (U.S. 52) and Meeting Street, 1.6 mi upstream of the mouth at the Cooper River. Drainage area is 0.21 mi ² .	1985-91	07-06-91	4.14	72.4	08-14-86	4.71	91
Canton Creek near Moncks Corner, SC (021720725)	Lat 33°10'55'', long 80°10'27'', Berkeley County, on county road 787, 9.5 mi southwest of Moncks Corner and 7.0 mi southwest of Lake Moultrie. Drainage area is 4.82 mi ² .	1991	05-16-91	6.12	(+)	05-16-91	6.12	(+)
Edisto River Basin								
South Fork Edisto River near Montmo- rency, SC (02172500)	Lat 33°04'35'', long 81°30'50'', Aiken County, on State Highway 302, 0.4 mi upstream from Cedar Creek, 1.0 mi upstream from Shaw Creek, 7.6 mi northeast of Montmorency. Drainage area is 198.0 mi ² .	1939-66 1967-91	03-29-91	8.46	2,050	04-11-83	9.36	3210
Rocky Swamp near Neeses, SC (02172759)	Lat 33°30'38, long 81°11'22'', Orangeburg County, on State High- way 4, 4.4 mi southwest of junction with U.S. Hwy 321 in Neeses. Drainage area is 4.66 mi ² .	1989-91	01-31-91	15.43	964	01-31-91	15.43	964
Ritter Branch near Perry, SC (02173250)	Lat 33°38'10'', long 81°16'04'', Aiken County, on county road 14, 0.3 mi upstream from Hollow Creek, 2.6 mi southeast of Perry. Drainage area is 2.22 mi ² .	1966-74 1975-91	B	A	(+)	04-26-79	3.21	(+)
Hess Branch at Orange- burg, SC (02173491)	Lat 33°30'12'', long 80°52'34'', Orangeburg County, on Moss Street, 1.36 mi northwest of City Hall, 0.66 mi upstream from the mouth at the North Fork Edisto River. Drainage area is 0.45 mi ² .	1986-91	10-10-90	6.94	279	10-01-89	7.41	311
Sunnyside Canal at Orangeburg, SC (02173495)	Lat 33°29'31'', long 80°52'33'', Orangeburg County, at the River- side Street (SR 125) crossing of the Sunnyside Canal, 0.7 mi west of City Hall, 0.2 mi upstream of the mouth at North Fork Edisto River. Drainage area is 1.07 mi ² .	1985-91	10-10-90	5.78	1,012	06-19-86	5.87	1076
Middle Pen Branch at Orangeburg, SC (02174240)	Lat 33°29'14'', long 80°49'50'', Orangeburg County, at the U.S. 21/178 Bypass crossing of Middle Pen Branch creek, 1.9 mi east of City Hall, 4.0 mi upstream of the mouth at Cow Castle Creek. Drainage area is 2.40 mi ² .	1985-91	10-10-90	6.40	(+)	10-10-90	6.40	(+)

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1991 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Tributary to Rosemary Creek near Williston SC (02175185)	Lat 33°19'30'', long 81°27'46'', Barnwell County, on State road 21, 5.7 mi south of Williston and 11.0 mi southwest of Blackville. Drainage area is 4.10 mi ² .	1990-91	08-02-91	11.87	(+)	08-02-91	11.87	(+)
Combahee River Basin								
Turkey Creek near Barn- well, SC (02175300)	Lat 33°17'05'', long 81°21'46'', Barnwell County, on State Highway 168, 0.5 mi downstream from Long Branch, and 3.0 mi north of Barnwell. Drainage area is 22.8 mi ² .	1974-91	11-12-90	6.73	(+)	11-12-90	6.73	(+)
Savannah Creek near Ehrhardt, SC (02175450)	Lat 33°02'03'', long 81°03'11'', Colleton County, on State High- way 641, 1.2 mi upstream from Salkehatchie River, and 6.0 mi north of Miley. Drainage area is 12.4 mi ² .	1964-74 ♦ 1975-91	03-04-91	7.34	870	03-13-80	8.30	895
Remick Swamp near Hender- sonville, SC (02176100)	Lat 32°48'45'', long 80°42'20'', Colleton County, on U.S. Highway 17-A, 1.5 mi upstream from Bluehouse Swamp, and 2.0 mi northeast of Hendersonville. Drainage area is 7.67 mi ² .	1966-74 ♦ 1975-91	B	A	(+)	09-05-87	5.36	(+)
Broad River Basin								
Tributary to Coosawhatchie River at Allen- dale, SC (02176380)	Lat 32°59'53'', long 81°19'01'', Allendale County, on State Road 129, crossing of a tributary to the Coosawhatchie River, 0.9 mi southwest of City Hall, 0.4 mi upstream of the mouth at Coosawhatchie. Drainage area is 2.06 mi ² .	1985-91	01-31-91	6.13	123	12-13-85	6.99	147
Cowpen Branch near Varnville, SC (021765113)	Lat 32°46'46'', long 81°03'14'', Hampton County, on State Road 278, 11.0 mi northeast of Estill and 4.6 mi south of Varnville. Drainage area is 5.39 mi ² .	1990-91	08-03-91	6.09	312	08-03-91	6.09	312
Elbo Creek near Grays, SC (021765155)	Lat 32°40'43'', long 81°03'00'', Jasper County, on State road 3, 13.5 mi north of Ridgeland, 1.9 mi west of Grays. Drainage area is 8.27 mi ² .	1990-91	08-03-91	8.30	(+)	08-03-91	8.30	(+)
Great Swamp near Ridge- land, SC (02176875)	Lat 32°29'45'', long 81°01'07'', Jasper County, on State Highway 39, 2.5 mi northeast of Ridgeland. Drainage area is 48.8 mi ² .	1977-84 ♦ 1987-91	10-13-90	6.42	1,856	01-24-87	6.57	2,250

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS--Continued

Annual maximum discharge at crest-stage partial-record stations during water year 1991 in South Atlantic Slope basins.

Station name and number	Location and drainage area	Period of record	Water year 1991 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
Savannah River Basin								
Cleveland Creek near Fairplay, SC (02184100)	Lat 34°31'32'', long 82°59'29'', Oconee County, on State Highway 59, 1.0 mi northwest of Fairplay, and 2.4 mi upstream from Beaver Dam Creek. Drainage area is 5.61 mi ² .	1967-74♦ 1975-91	B	A	(+)	01-26-78	6.50	450
Cane Creek near Walhalla, SC (02185400)	Lat 34°46'48'', long 83°06'22'', Oconee County, on State Highway 28, 2.5 mi northwest of Walhalla. Drainage area is 1.08 mi ² .	1967-74♦ 1975-91	B	A	(+)	04-14-80	6.42	656
Dye Creek at Anderson, SC (02187268)	Lat 34°30'01'', long 82°40'13'', Anderson County, at the Market Street (SR 22) crossing of Dye Creek, 1.2 mi west of City Hall, 0.5 mi upstream from the mouth at Generossee Creek. Drainage area is 2.85 mi ² .	1986-91	08-12-91	5.96	686	10-01-89	7.68	(+)
Broadway Creek near Anderson, SC (02187900)	Lat 34°30'09'', long 82°35'00'', Anderson County, on State High- way 48, 0.1 mi down stream from Cupbroad Creek and 3.8 mi east east of Anderson. Drainage area is 26.4 mi ² .	1967-74 1975-91	03-29-91	6.41	652	10-01-89 03-17-90	12.28	(+)
Camp Creek near Honea Path, SC (02192450)	Lat 34°23'18'', long 82°29'00'', Anderson County, on State Highway 185, 2.0 mi upstream from Little River, and 6.7 mi southwest of Honea Path. Drainage area is 1.59 mi ² .	1975-91	08-12-91	6.40	(+)	02-14-84	6.79	(+)
Calabash Branch near Troy, SC (02195555)	Lat 33°59'04'', long 82°13'37'', McCormick County, on Long Cane Road (Road 24), 6.5 mi northeast of McCormick, 4.3 mi east of Troy. Drainage area is 3.24 mi ² .	1990-91	03-03-91	5.92	(+)	03-03-91	5.92	(+)
Log Creek near Edge- field, SC (02195660)	Lat 33°48'03'', long 81°52'39'', Edgefield County, on State Highway 23, 3.3 mi east of Edgefield. Drainage area is 1.18 mi ² .	1966-72♦ 1972-91	07-26-91	7.21	(+)	07-26-91	7.21	(+)
Cyper Creek near Sullivan Crossroads, SC (021957495)	Lat 33°54'05'', long 82°07'13'', Edgefield County, on Road 234, 1.4 mi southwest of Sullivan Crossroads. Drainage area is 1.83 mi ² .	1991	06-20-91	4.58	89	06-20-91	4.58	89
Miller Creek Tributary near Baldoc, SC (02197410)	Lat 33°04'08'', long 81°24'26'', Allendale County, on State Highway 125, 0.6 mi upstream from Miller Creek, and 1.1 mi southeast of Baldoc. Drainage area is 7.51 mi ² .	1977-91	08-04-91	5.68	552	08-04-91	5.68	552

+ 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	1984-1991	11-29-90 02-20-91 03-22-91 05-31-91 09-10-91	93.76 94.85 96.90 93.46 89.17	6,230 7,400 8,450 5,520 2,880
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	1966-1991	12-07-90 03-20-91 06-27-91 09-26-91	26.70 27.24 26.80 26.72	626 622 525 578
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.		1946-1991	12-07-90	--	23
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	1982-1991	11-29-90 03-25-91 06-26-91 09-23-91	54.60 57.95 56.94 54.78	1,510 2,740 2,060 1,260

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 Site near Aiken.

Owner: U.S. Department of Energy.

AQUIFER.--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.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 357 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

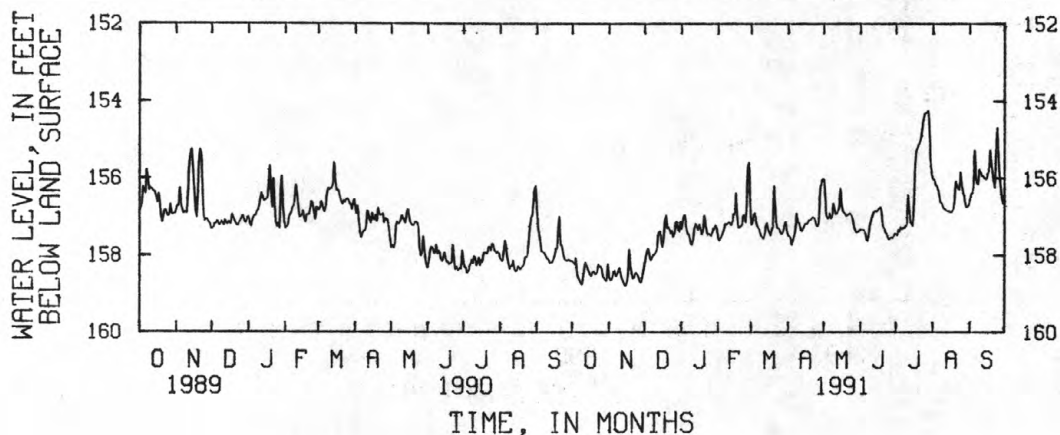
REMARKS.--Also known as SRP-4M. Electric log available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	158.15	158.56	158.25	157.32	157.54	157.19	157.48	156.02	157.33	157.44	156.03	156.56
2	158.19	158.63	158.08	157.11	157.62	157.16	157.50	156.31	157.33	157.48	156.02	156.41
3	158.23	158.64	157.90	156.98	157.57	156.93	157.56	156.94	157.33	157.34	156.15	156.38
4	158.07	158.55	157.82	156.96	157.49	156.89	157.72	157.03	157.34	157.37	156.19	156.24
5	158.50	158.41	157.96	157.28	157.41	157.14	157.60	157.03	157.43	157.27	156.26	155.27
6	158.58	158.41	158.12	157.44	157.33	157.25	157.46	156.91	157.59	157.32	156.35	155.93
7	158.65	158.54	158.08	157.45	157.18	157.29	157.34	157.04	157.63	157.28	156.61	156.13
8	158.69	158.48	157.99	157.57	157.19	157.37	156.91	157.02	157.44	157.29	156.64	156.16
9	158.75	158.38	157.98	157.71	157.17	157.47	157.13	156.67	157.20	157.23	156.70	155.78
10	158.59	158.33	157.93	157.72	157.13	157.52	157.15	156.81	157.06	157.22	156.77	155.83
11	158.37	158.52	157.88	157.47	157.15	157.56	157.24	156.93	156.97	156.43	156.79	155.93
12	158.19	158.62	157.54	157.27	157.22	157.48	157.35	156.92	156.89	156.83	156.81	155.94
13	158.25	158.67	157.40	157.18	157.15	157.25	157.36	156.85	156.86	157.13	156.85	155.98
14	158.34	158.75	157.37	157.27	156.93	157.16	157.27	156.76	156.86	157.19	156.85	156.00
15	158.41	158.79	157.66	157.34	156.93	157.31	157.20	156.27	156.84	157.23	156.86	156.02
16	158.51	158.72	157.78	157.20	156.38	157.39	157.18	156.71	156.80	156.77	156.88	155.88
17	158.54	158.52	157.58	157.31	157.02	157.47	157.17	156.84	156.77	155.65	156.87	155.79
18	158.44	157.85	157.10	157.44	157.26	157.34	157.11	156.89	156.75	155.30	156.79	155.27
19	158.41	158.29	156.97	157.42	157.27	157.27	157.08	156.93	156.93	155.19	156.62	155.63
20	158.47	158.46	157.30	156.97	157.25	156.20	157.07	156.97	157.25	155.14	156.08	155.83
21	158.48	158.59	157.29	157.14	157.22	156.83	157.02	156.95	157.29	155.05	156.16	156.09
22	158.43	158.59	157.35	157.35	156.98	157.20	157.01	156.93	157.39	154.95	156.27	156.24
23	158.24	158.48	157.43	157.45	156.96	157.29	157.04	156.92	157.43	154.71	156.30	155.29
24	158.29	158.45	157.36	157.44	157.14	157.30	157.12	156.95	157.53	154.46	155.84	154.69
25	158.28	158.52	157.52	157.46	156.74	157.36	157.22	157.03	157.58	154.32	156.13	155.47
26	158.37	158.58	157.43	157.50	155.69	157.43	157.24	157.19	157.57	154.31	156.37	156.01
27	158.56	158.68	157.14	157.43	155.58	157.43	157.04	157.32	157.53	154.29	156.44	156.32
28	158.59	158.70	157.11	157.30	156.77	157.35	156.25	157.38	157.55	154.24	156.65	156.54
29	158.64	158.53	157.30	157.32	---	157.17	156.10	157.40	157.50	154.62	156.74	156.66
30	158.65	158.38	157.38	157.21	---	157.12	156.02	157.38	157.44	155.67	156.74	156.49
31	158.23	---	157.12	157.28	---	157.38	---	157.35	---	155.91	156.70	---
MEAN	158.42	158.52	157.58	157.33	157.05	157.24	157.13	156.92	157.25	156.08	156.50	155.96
MAX	158.75	158.79	158.25	157.72	157.62	157.56	157.72	157.40	157.63	157.48	156.88	156.66
MIN	158.07	157.85	156.97	156.96	155.58	156.20	156.02	156.02	156.75	154.24	155.84	154.69



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.--Water-stage recorder and data collection platform--60 minute punch and collection interval.

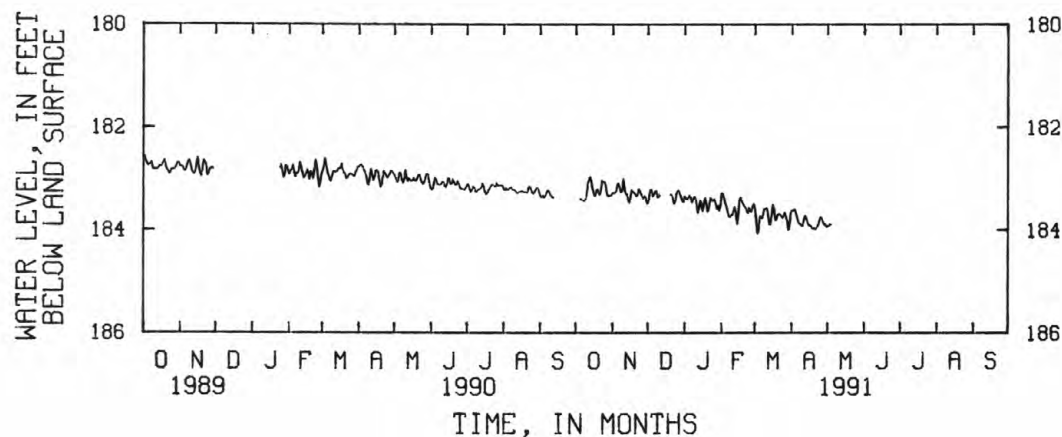
DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to May 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 181.31 ft below land-surface datum, Apr. 24, 1988; lowest, 184.08 ft below land-surface datum, Mar. 3, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	183.28	183.47	183.35	183.29	183.58	183.62	183.94	---	---	---	---
2	---	183.28	183.36	183.38	183.29	183.82	183.63	183.92	---	---	---	---
3	---	183.28	183.23	183.40	183.40	184.08	183.60	183.90	---	---	---	---
4	---	183.23	183.22	183.36	183.49	184.03	183.62	183.90	---	---	---	---
5	183.40	183.11	183.35	183.33	183.56	183.74	183.73	---	---	---	---	---
6	183.42	183.09	183.31	183.37	183.62	183.74	183.83	---	---	---	---	---
7	183.43	183.21	183.25	183.46	183.74	183.78	183.87	---	---	---	---	---
8	183.43	183.27	183.24	183.41	183.76	183.67	183.89	---	---	---	---	---
9	183.41	183.22	183.36	183.36	183.71	183.60	183.92	---	---	---	---	---
10	183.31	183.01	183.35	183.36	183.71	183.59	183.93	---	---	---	---	---
11	183.09	183.24	183.34	183.54	183.64	183.57	183.82	---	---	---	---	---
12	183.01	183.30	---	183.67	183.55	183.68	183.73	---	---	---	---	---
13	182.96	183.31	---	183.54	183.68	183.90	183.75	---	---	---	---	---
14	183.10	183.42	---	183.42	183.88	183.90	183.84	---	---	---	---	---
15	183.21	183.47	---	183.47	183.73	183.68	183.91	---	---	---	---	---
16	183.30	183.35	---	183.64	183.40	183.51	183.91	---	---	---	---	---
17	183.35	183.22	---	183.48	183.36	183.57	183.92	---	---	---	---	---
18	183.27	183.26	---	183.38	183.43	183.81	183.97	---	---	---	---	---
19	183.21	183.27	---	183.47	183.50	183.81	183.98	---	---	---	---	---
20	183.28	183.31	183.31	183.65	183.53	183.71	183.97	---	---	---	---	---
21	183.31	183.35	183.31	183.58	183.56	183.69	184.00	---	---	---	---	---
22	183.24	183.32	183.39	183.45	183.63	183.70	183.95	---	---	---	---	---
23	183.04	183.20	183.49	183.38	183.67	183.73	183.91	---	---	---	---	---
24	183.06	183.22	183.45	183.43	183.57	183.77	183.85	---	---	---	---	---
25	183.06	183.30	183.29	183.42	183.63	183.71	183.76	---	---	---	---	---
26	183.12	183.36	183.24	183.41	183.65	183.67	183.77	---	---	---	---	---
27	183.30	183.39	183.24	183.50	183.54	183.74	183.85	---	---	---	---	---
28	183.35	183.34	183.31	183.59	183.49	183.84	183.90	---	---	---	---	---
29	183.32	183.36	183.36	183.53	---	184.01	183.89	---	---	---	---	---
30	183.35	183.49	183.44	183.63	---	183.93	183.94	---	---	---	---	---
31	183.32	---	183.46	183.54	---	183.67	---	---	---	---	---	---
MEAN	183.25	183.28	---	183.47	183.57	183.75	183.84	---	---	---	---	---
MAX	183.43	183.49	---	183.67	183.88	184.08	184.00	---	---	---	---	---
MIN	182.96	183.01	---	183.33	183.29	183.51	183.60	---	---	---	---	---



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.--Water-stage recorder and data collection platform--60 minute punch and collection interval.

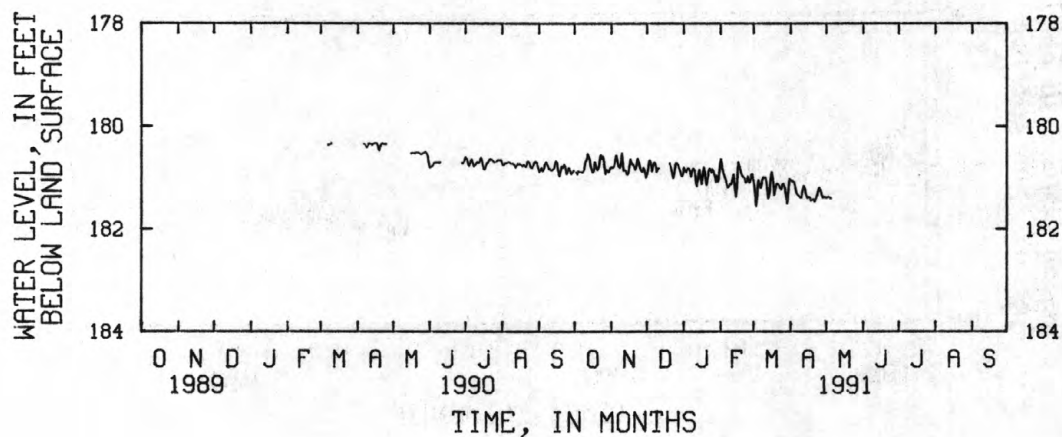
DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.1 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to May 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 178.72 ft below land-surface datum, Apr. 24, May 17, 1988; lowest, 181.56 ft below land-surface datum, Mar. 3, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	180.79	180.93	180.80	180.63	181.06	181.04	181.40	---	---	---	---
2	180.89	180.80	180.79	180.87	180.73	181.31	181.08	181.38	---	---	---	---
3	180.94	180.79	180.66	180.89	180.88	181.56	181.06	181.37	---	---	---	---
4	180.87	180.68	180.68	180.83	180.97	181.39	181.09	181.39	---	---	---	---
5	180.88	180.56	180.87	180.81	181.03	181.05	181.23	181.40	---	---	---	---
6	180.88	180.65	180.76	180.87	181.08	181.15	181.31	---	---	---	---	---
7	180.90	180.77	180.70	180.98	181.19	181.20	181.34	---	---	---	---	---
8	180.89	180.81	180.72	180.87	181.18	181.05	181.36	---	---	---	---	---
9	180.83	180.70	180.88	180.82	181.12	180.99	181.39	---	---	---	---	---
10	180.67	180.52	180.82	180.84	181.13	181.00	181.39	---	---	---	---	---
11	180.65	180.86	180.81	181.08	181.03	180.99	181.24	---	---	---	---	---
12	180.53	180.86	---	181.17	180.94	181.16	181.15	---	---	---	---	---
13	180.60	180.86	---	180.96	181.16	181.41	181.21	---	---	---	---	---
14	180.71	180.93	---	180.84	181.38	181.33	181.34	---	---	---	---	---
15	180.82	180.93	---	180.96	181.09	181.05	181.40	---	---	---	---	---
16	180.89	180.78	---	181.13	180.69	180.88	181.37	---	---	---	---	---
17	180.87	180.64	---	180.89	180.76	181.02	181.39	---	---	---	---	---
18	180.69	180.72	---	180.80	180.87	181.34	181.45	---	---	---	---	---
19	180.76	180.73	---	180.95	180.95	181.25	181.43	---	---	---	---	---
20	180.85	180.79	180.72	181.15	180.98	181.12	181.42	---	---	---	---	---
21	180.82	180.84	180.79	181.01	180.99	181.12	181.47	---	---	---	---	---
22	180.66	180.77	180.91	180.85	181.08	181.14	181.40	---	---	---	---	---
23	180.55	180.63	181.01	180.81	181.10	181.20	181.35	---	---	---	---	---
24	180.63	180.69	180.92	180.89	180.97	181.23	181.29	---	---	---	---	---
25	180.58	180.80	180.72	180.84	181.08	181.14	181.19	---	---	---	---	---
26	180.74	180.86	180.71	180.87	181.09	181.11	181.24	---	---	---	---	---
27	180.93	180.88	180.74	180.98	180.94	181.22	181.34	---	---	---	---	---
28	180.85	180.81	180.83	181.08	180.92	181.33	181.39	---	---	---	---	---
29	180.87	180.84	180.87	180.96	---	181.51	181.37	---	---	---	---	---
30	180.88	181.00	180.97	181.08	---	181.30	181.38	---	---	---	---	---
31	180.81	---	180.95	180.91	---	181.02	---	---	---	---	---	---
MEAN	180.78	180.78	---	180.93	181.00	181.18	181.30	---	---	---	---	---
MAX	180.94	181.00	---	181.17	181.38	181.56	181.47	---	---	---	---	---
MIN	180.53	180.52	---	180.80	180.63	180.88	181.04	---	---	---	---	---



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.--Water-stage recorder and data collection platform--60 minute punch and collection interval.

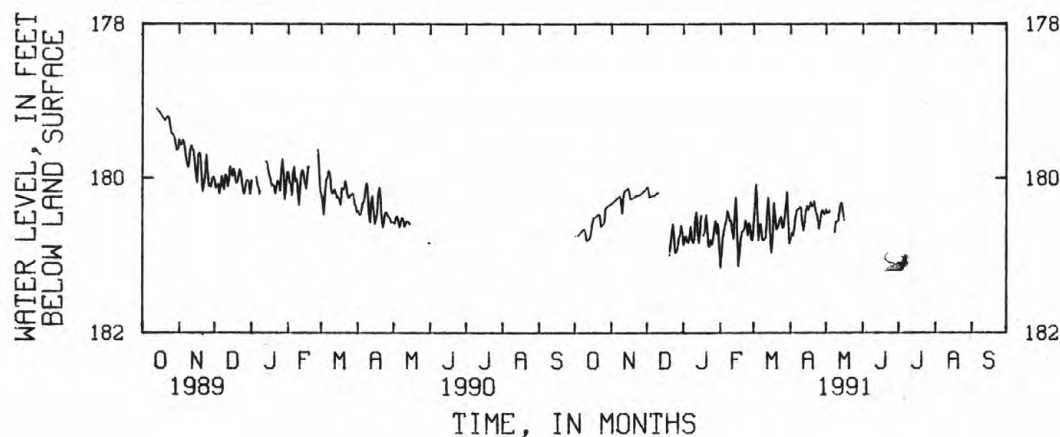
DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Edge of shelter ledge, 2.40 ft above land-surface datum.

PERIOD OF RECORD.--May 1989 to May 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 179.10 ft below land-surface datum, Oct. 13, 1989; lowest, 181.16 ft below land-surface datum, Feb. 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	180.75	180.33	180.12	180.86	181.16	180.59	180.78	180.41	---	---	---	---
2	180.75	180.32	180.13	180.76	180.97	180.36	180.71	180.45	---	---	---	---
3	180.75	180.30	180.24	180.75	180.77	180.08	180.74	180.44	---	---	---	---
4	180.74	180.29	180.25	180.82	180.67	180.42	180.68	180.43	---	---	---	---
5	180.72	180.27	180.23	180.83	180.60	180.81	180.52	---	---	---	---	---
6	180.70	180.26	180.23	180.75	180.55	180.60	180.43	---	---	---	---	---
7	180.69	180.25	180.23	180.63	180.43	180.59	180.41	---	---	---	---	---
8	180.67	180.23	180.22	180.80	180.48	180.77	180.40	180.70	---	---	---	---
9	180.66	180.30	180.20	180.84	180.56	180.81	180.37	180.56	---	---	---	---
10	180.72	180.46	180.19	180.79	180.55	180.79	180.39	180.57	---	---	---	---
11	180.81	180.23	180.19	180.50	180.69	180.77	180.61	180.55	---	---	---	---
12	180.80	180.17	---	180.44	180.79	180.55	180.68	180.45	---	---	---	---
13	180.79	180.16	---	180.74	180.46	180.25	180.57	180.33	---	---	---	---
14	180.76	180.15	---	180.84	180.24	180.43	180.42	180.32	---	---	---	---
15	180.68	180.13	---	180.65	180.68	180.80	180.36	180.43	---	---	---	---
16	180.56	180.20	---	180.49	181.14	180.97	180.41	180.54	---	---	---	---
17	180.51	180.27	---	---	180.97	180.73	180.38	---	---	---	---	---
18	180.51	180.27	---	180.74	180.81	180.32	180.31	---	---	---	---	---
19	180.50	180.26	---	180.69	180.70	180.51	180.36	---	---	---	---	---
20	180.48	180.25	181.00	180.48	180.68	180.67	180.36	---	---	---	---	---
21	180.47	180.24	180.85	180.68	180.67	180.64	180.30	---	---	---	---	---
22	180.48	180.23	180.70	180.88	180.55	180.60	180.41	---	---	---	---	---
23	180.63	180.23	180.59	180.89	180.60	180.53	180.47	---	---	---	---	---
24	180.61	180.22	180.76	180.80	180.74	180.50	180.54	---	---	---	---	---
25	180.60	180.22	180.97	180.86	180.58	180.64	180.66	---	---	---	---	---
26	180.56	180.20	180.96	180.80	180.61	180.65	180.56	---	---	---	---	---
27	180.40	180.19	180.90	180.65	180.80	180.50	180.44	---	---	---	---	---
28	180.37	180.18	180.78	180.55	180.81	180.38	180.41	---	---	---	---	---
29	180.36	180.17	180.74	180.72	---	180.18	180.45	---	---	---	---	---
30	180.35	180.14	180.62	180.59	---	180.57	180.47	---	---	---	---	---
31	180.34	---	180.70	180.86	---	180.85	---	---	---	---	---	---
MEAN	180.60	180.24	---	180.72	180.69	180.58	180.49	---	---	---	---	---
MAX	180.81	180.46	---	180.89	181.16	180.97	180.78	---	---	---	---	---
MIN	180.34	180.13	---	180.44	180.24	180.08	180.30	---	---	---	---	---



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.--Water-stage recorder--60 minute punch interval.

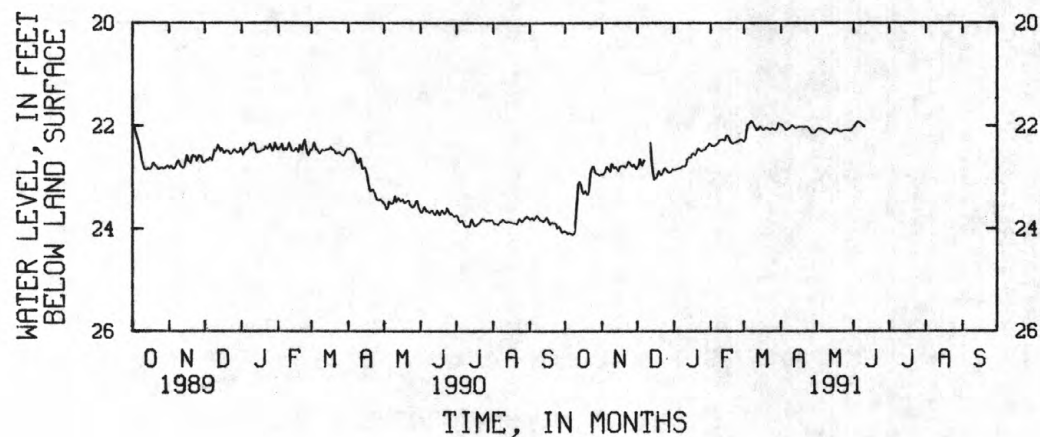
DATUM.--Land-surface datum is 300 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.42 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 21.91 ft below land-surface datum, Mar. 7, 1991; lowest, 24.07 ft below land-surface datum, Sept. 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.05	22.95	22.81	22.85	22.36	22.30	21.97	22.08	22.03	---	---	---
2	24.07	22.95	22.76	22.85	22.39	22.26	21.98	22.06	22.00	---	---	---
3	24.11	22.92	22.65	22.84	22.39	22.14	22.01	22.05	21.97	---	---	---
4	24.08	22.87	22.72	22.84	22.39	21.98	22.04	22.05	21.94	---	---	---
5	24.09	22.80	22.77	22.83	22.38	21.96	22.07	22.06	21.93	---	---	---
6	24.10	22.83	22.70	22.82	22.36	21.94	22.07	22.06	21.93	---	---	---
7	24.12	22.86	22.67	22.81	22.34	21.91	22.06	22.07	21.95	---	---	---
8	24.11	22.89	---	22.79	22.29	21.93	22.05	22.10	21.97	---	---	---
9	24.06	22.74	---	22.79	22.28	21.97	22.03	22.10	21.99	---	---	---
10	23.72	22.75	---	22.79	22.27	22.01	22.00	22.12	22.01	---	---	---
11	23.45	22.82	---	22.76	22.26	22.05	22.00	22.13	---	---	---	---
12	23.12	22.80	22.33	22.66	22.28	22.08	22.02	22.15	---	---	---	---
13	23.08	22.81	22.74	22.62	22.28	22.07	22.04	22.15	---	---	---	---
14	23.13	22.86	22.93	22.61	22.20	22.02	22.04	22.11	---	---	---	---
15	23.25	22.88	23.04	22.62	22.18	22.02	22.03	22.07	---	---	---	---
16	23.32	22.80	23.03	22.56	22.23	22.06	22.02	22.07	---	---	---	---
17	23.29	22.78	23.01	22.53	22.28	22.08	22.02	22.07	---	---	---	---
18	23.27	22.78	22.94	22.56	22.32	22.07	22.02	22.07	---	---	---	---
19	23.32	22.78	22.89	22.57	22.34	22.04	22.02	22.09	---	---	---	---
20	23.33	22.79	22.93	22.50	22.34	22.04	22.02	22.10	---	---	---	---
21	23.27	22.81	22.96	22.45	22.33	22.05	22.02	22.11	---	---	---	---
22	22.97	22.78	22.93	22.45	22.33	22.06	22.02	22.11	---	---	---	---
23	22.85	22.70	22.86	22.48	22.30	22.07	22.02	22.10	---	---	---	---
24	22.80	22.70	22.82	22.49	22.30	22.06	22.04	22.09	---	---	---	---
25	22.79	22.73	22.84	22.48	22.29	22.05	22.07	22.09	---	---	---	---
26	22.89	22.77	22.88	22.48	22.27	22.07	22.11	22.09	---	---	---	---
27	22.93	22.78	22.90	22.46	22.27	22.07	22.13	22.09	---	---	---	---
28	22.93	22.75	22.91	22.42	22.29	22.07	22.14	22.09	---	---	---	---
29	22.96	22.80	22.90	22.40	---	22.02	22.14	22.09	---	---	---	---
30	22.96	22.84	22.87	22.38	---	21.95	22.12	22.08	---	---	---	---
31	22.95	---	22.84	22.34	---	21.96	---	22.05	---	---	---	---
MEAN	23.40	22.81	22.84	22.61	22.30	22.04	22.04	22.09	---	---	---	---
MAX	24.12	22.95	23.04	22.85	22.39	22.30	22.14	22.15	---	---	---	---
MIN	22.79	22.70	22.33	22.34	22.18	21.91	21.97	22.05	---	---	---	---



GROUND-WATER LEVELS

405

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.--Water-stage recorder--60 minute punch interval.

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.

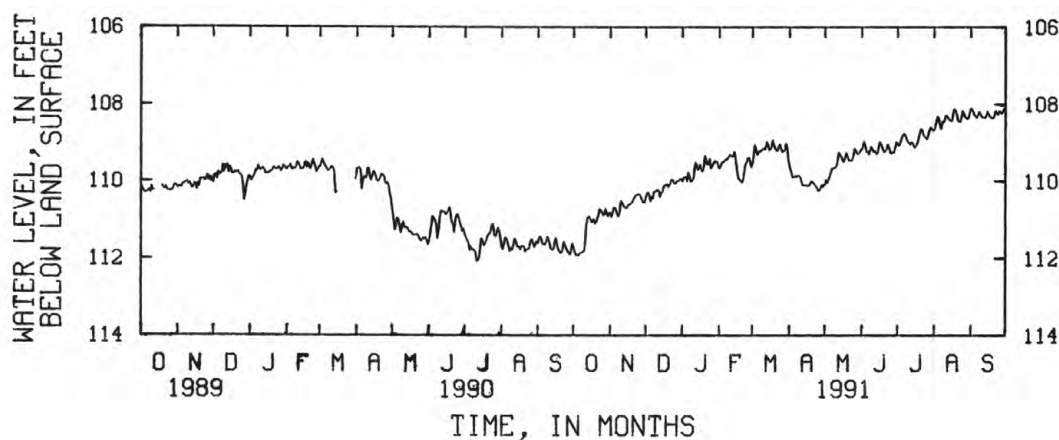
REMARKS.--Test hole Gamma logged Aug. 6, 1970 to 808 ft. Resistivity logged Aug. 6, 1970 to 800 ft. Pump test and water-quality data available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	111.69	110.82	110.41	110.01	109.67	109.56	109.61	110.10	109.17	109.01	108.67	108.12
2	111.84	110.92	110.33	109.91	109.62	109.29	109.71	109.97	109.07	109.08	108.55	108.12
3	111.91	110.83	110.29	109.90	109.55	109.07	109.82	110.03	108.97	109.03	108.46	108.21
4	111.91	110.70	110.39	109.88	109.50	109.17	109.90	109.97	109.12	108.97	108.32	108.28
5	111.93	110.68	110.52	110.00	109.49	109.31	109.89	109.90	109.24	108.84	108.39	108.31
6	111.88	110.75	110.40	109.77	109.45	109.25	109.86	109.78	109.23	108.80	108.56	108.35
7	111.86	110.86	110.44	109.90	109.43	109.23	109.89	109.68	109.31	108.76	108.64	108.29
8	111.85	110.92	110.28	110.02	109.43	109.22	109.86	109.67	109.21	108.83	108.46	108.19
9	111.84	110.79	110.28	109.98	109.36	109.18	109.86	109.64	109.11	108.93	108.48	108.25
10	111.80	110.52	110.23	109.96	109.32	109.15	109.89	109.64	109.16	108.98	108.40	108.32
11	111.51	110.56	110.25	109.80	109.33	109.19	110.01	109.57	109.23	109.01	108.30	108.34
12	111.09	110.61	110.24	109.52	109.37	109.13	110.10	109.37	109.22	109.04	108.31	108.34
13	110.95	110.67	110.40	109.57	109.32	108.98	110.11	109.25	109.28	108.99	108.37	108.36
14	110.91	110.69	110.29	109.70	109.24	109.07	110.10	109.32	109.29	109.02	108.41	108.29
15	110.96	110.70	110.28	109.68	109.50	109.19	110.11	109.40	109.15	109.11	108.42	108.19
16	111.06	110.63	110.14	109.57	109.76	109.18	110.12	109.47	108.99	109.13	108.44	108.24
17	111.06	110.61	110.13	109.71	109.93	109.09	110.12	109.50	109.03	109.06	108.23	108.32
18	110.98	110.59	110.08	109.75	109.96	108.94	110.11	109.42	109.13	108.99	108.13	108.34
19	111.10	110.55	110.07	109.64	109.99	109.08	110.03	109.28	109.19	108.89	108.14	108.36
20	111.07	110.51	110.15	109.35	110.03	109.16	110.02	109.34	109.24	108.75	108.26	108.36
21	110.96	110.45	110.11	109.45	109.98	109.20	110.03	109.45	109.22	108.64	108.42	108.28
22	110.90	110.40	110.01	109.56	109.73	109.21	110.09	109.47	109.14	108.67	108.45	108.17
23	110.72	110.36	109.96	109.55	109.56	109.10	110.12	109.47	109.05	108.80	108.46	108.23
24	110.75	110.35	109.97	109.43	109.51	109.04	110.16	109.45	109.14	108.84	108.36	108.27
25	110.79	110.34	110.05	109.67	109.41	109.16	110.24	109.31	109.26	108.87	108.18	108.18
26	110.88	110.36	110.07	109.62	109.39	109.24	110.25	109.17	109.28	108.90	108.23	108.20
27	110.88	110.41	110.01	109.55	109.51	109.22	110.19	109.20	109.24	108.80	108.33	108.24
28	110.73	110.49	110.00	109.48	109.63	109.20	110.12	109.28	109.26	108.67	108.37	108.19
29	110.81	110.55	109.99	109.51	---	109.03	110.16	109.29	109.14	108.60	108.39	108.12
30	110.91	110.55	109.95	109.48	---	109.08	110.08	109.25	108.99	108.65	108.34	108.17
31	110.83	---	109.94	109.59	---	109.44	---	109.21	---	108.68	108.21	---
MEAN	111.24	110.61	110.18	109.69	109.57	109.17	110.02	109.51	109.17	108.88	108.38	108.25
MAX	111.93	110.92	110.52	110.02	110.03	109.56	110.25	110.10	109.31	109.13	108.67	108.36
MIN	110.72	110.34	109.94	109.35	109.24	108.94	109.61	109.17	108.97	108.60	108.13	108.12



GROUND-WATER LEVELS

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 from 988 to 1045 ft, depth 1045 ft, cased to 1045 ft, screened interval 1030-1040 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

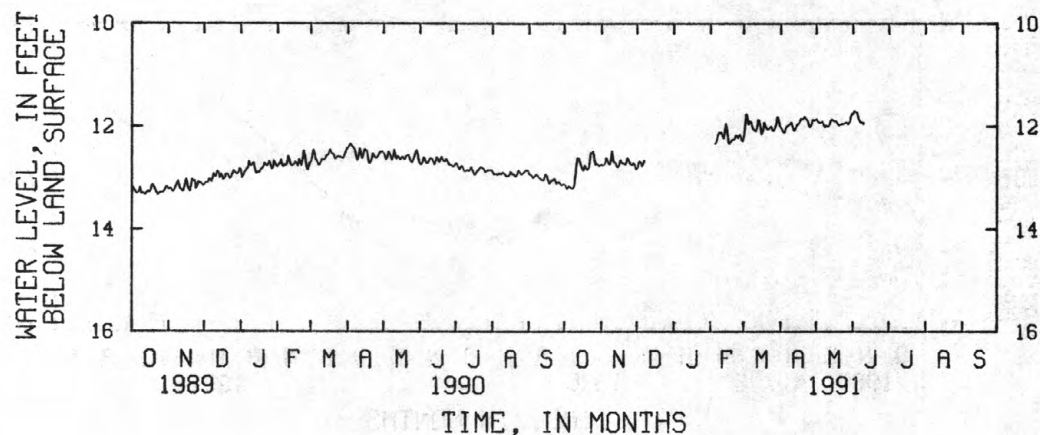
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.25 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.70 ft below land-surface datum, June 2, 1991; lowest, 15.19 ft below land-surface datum, Dec. 20, 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.13	12.75	12.82	---	---	12.21	12.02	11.86	11.75	---	---	---
2	13.16	12.76	12.76	---	---	12.00	12.05	11.90	11.70	---	---	---
3	13.22	12.75	12.67	---	---	11.76	12.11	11.92	11.71	---	---	---
4	13.17	12.71	12.69	---	---	11.80	12.12	11.93	11.71	---	---	---
5	13.17	12.61	12.77	---	12.33	11.96	12.06	11.92	11.80	---	---	---
6	13.18	12.65	12.72	---	12.29	11.91	12.00	11.90	11.88	---	---	---
7	13.21	12.71	12.67	---	12.17	11.91	11.98	11.97	11.92	---	---	---
8	13.21	12.74	---	---	12.12	12.00	11.97	12.01	11.92	---	---	---
9	13.16	12.64	---	---	12.13	12.05	11.94	11.98	11.94	---	---	---
10	12.97	12.48	---	---	12.11	12.07	11.92	12.00	11.95	---	---	---
11	12.77	12.69	---	---	12.17	12.10	12.02	12.00	---	---	---	---
12	12.61	12.69	---	---	12.23	12.03	12.08	11.96	---	---	---	---
13	12.62	12.72	---	---	12.09	11.87	12.06	11.89	---	---	---	---
14	12.70	12.78	---	---	11.95	11.88	12.00	11.86	---	---	---	---
15	12.77	12.79	---	---	12.09	12.03	11.96	11.88	---	---	---	---
16	12.83	12.73	---	---	12.32	12.15	11.95	11.90	---	---	---	---
17	12.85	12.66	---	---	12.33	12.09	11.90	11.89	---	---	---	---
18	12.76	12.70	---	---	12.30	11.93	11.85	11.91	---	---	---	---
19	12.79	12.71	---	---	12.27	11.97	11.86	11.96	---	---	---	---
20	12.84	12.72	---	---	12.26	12.04	11.84	11.98	---	---	---	---
21	12.83	12.75	---	---	12.25	12.05	11.81	11.97	---	---	---	---
22	12.73	12.71	---	---	12.18	12.05	11.85	11.96	---	---	---	---
23	12.52	12.61	---	---	12.18	12.02	11.87	11.95	---	---	---	---
24	12.51	12.65	---	---	12.23	12.00	11.92	11.95	---	---	---	---
25	12.48	12.71	---	---	12.17	12.06	12.01	11.94	---	---	---	---
26	12.60	12.74	---	---	12.16	12.09	12.00	11.92	---	---	---	---
27	12.74	12.75	---	---	12.26	12.03	11.95	11.94	---	---	---	---
28	12.72	12.71	---	---	12.29	11.97	11.87	11.95	---	---	---	---
29	12.75	12.74	---	---	---	11.82	11.88	11.91	---	---	---	---
30	12.77	12.83	---	---	---	11.83	11.87	11.81	---	---	---	---
31	12.75	---	---	---	---	11.98	---	11.75	---	---	---	---
MEAN	12.86	12.71	---	---	12.20	11.99	11.96	11.92	---	---	---	---
MAX	13.22	12.83	---	---	12.33	12.21	12.12	12.01	---	---	---	---
MIN	12.48	12.48	---	---	11.95	11.76	11.81	11.75	---	---	---	---



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.--Water-stage recorder--60 minute punch interval.

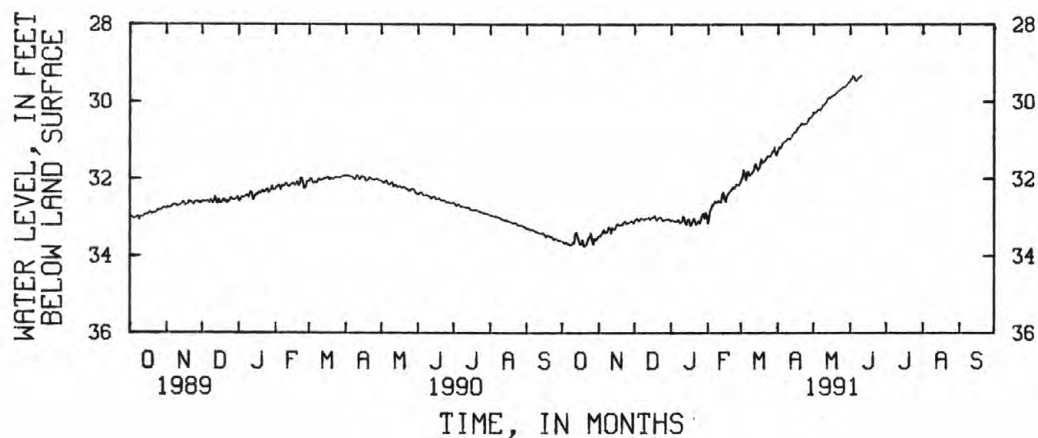
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.95 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 29.33 ft below land-surface datum, June 10, 1991; lowest, 35.04 ft below land-surface datum, Apr. 1, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.63	33.49	33.08	33.09	33.15	32.04	31.26	30.28	29.44	---	---	---
2	33.65	33.48	33.05	33.07	32.95	31.97	31.19	30.30	29.41	---	---	---
3	33.67	33.44	33.02	33.08	32.80	31.77	31.21	30.27	29.34	---	---	---
4	33.65	33.38	33.08	33.10	32.73	31.88	31.15	30.25	29.35	---	---	---
5	33.68	33.32	33.08	33.11	32.68	32.04	31.07	30.21	29.45	---	---	---
6	33.69	33.40	33.02	33.09	32.66	31.83	31.05	30.20	29.46	---	---	---
7	33.71	33.38	33.02	33.06	32.58	31.81	31.03	30.22	29.42	---	---	---
8	33.72	33.38	33.04	33.13	32.62	31.91	31.00	30.16	29.38	---	---	---
9	33.71	33.26	33.07	33.13	32.61	31.89	30.96	30.09	29.36	---	---	---
10	33.64	33.27	33.02	33.11	32.56	31.86	30.94	30.08	29.33	---	---	---
11	33.68	33.40	33.04	32.98	32.60	31.82	30.98	30.04	---	---	---	---
12	33.42	33.28	33.02	33.01	32.60	31.73	30.94	29.98	---	---	---	---
13	33.38	33.30	33.01	33.16	32.40	31.61	30.87	29.92	---	---	---	---
14	33.53	33.31	33.06	33.18	32.34	31.71	30.82	29.90	---	---	---	---
15	33.63	33.26	33.02	33.07	32.53	31.78	30.78	29.90	---	---	---	---
16	33.70	33.18	33.01	33.03	32.59	31.74	30.78	29.88	---	---	---	---
17	33.69	33.17	33.01	33.21	32.44	31.61	30.72	29.85	---	---	---	---
18	33.59	33.21	32.96	33.19	32.38	31.49	30.67	29.83	---	---	---	---
19	33.73	33.19	33.06	33.08	32.34	31.58	30.64	29.82	---	---	---	---
20	33.75	33.19	33.07	33.02	32.31	31.57	30.60	29.78	---	---	---	---
21	33.71	33.18	33.02	33.10	32.28	31.52	30.56	29.75	---	---	---	---
22	33.63	33.13	33.01	33.18	32.22	31.48	30.59	29.72	---	---	---	---
23	33.55	33.10	33.00	33.16	32.24	31.43	30.58	29.70	---	---	---	---
24	33.50	33.15	33.05	33.09	32.22	31.41	30.58	29.67	---	---	---	---
25	33.40	33.14	33.08	33.15	32.14	31.43	30.58	29.64	---	---	---	---
26	33.59	33.14	33.08	33.06	32.15	31.39	30.51	29.62	---	---	---	---
27	33.69	33.12	33.06	32.96	32.17	31.32	30.45	29.62	---	---	---	---
28	33.56	33.09	33.05	32.90	32.12	31.28	30.43	29.60	---	---	---	---
29	33.59	33.11	33.06	33.02	---	31.19	30.40	29.56	---	---	---	---
30	33.57	33.14	33.03	32.88	---	31.37	30.37	29.51	---	---	---	---
31	33.50	---	33.07	32.96	---	31.39	---	29.50	---	---	---	---
MEAN	33.62	33.25	33.04	33.08	32.48	31.64	30.79	29.90	---	---	---	---
MAX	33.75	33.49	33.08	33.21	33.15	32.04	31.26	30.30	---	---	---	---
MIN	33.38	33.09	32.96	32.88	32.12	31.19	30.37	29.50	---	---	---	---



GROUND-WATER LEVELS

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 from 38 to 95 ft, depth 95 ft, cased to 95 ft, screened interval 80-90 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

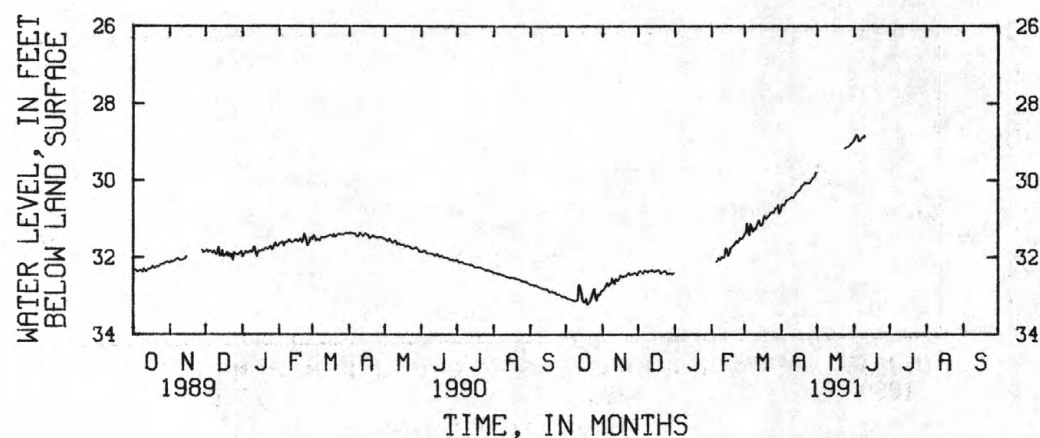
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 28.82 ft below land-surface datum, June 3, 1991; lowest, 34.32 ft below land-surface datum, Apr. 12, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.03	32.85	32.39	---	---	31.39	30.66	---	28.94	---	---	---
2	33.06	32.82	32.36	---	---	31.36	30.62	---	28.88	---	---	---
3	33.07	32.77	32.35	---	---	31.12	30.65	---	28.82	---	---	---
4	33.07	32.71	32.38	---	---	31.28	30.59	---	28.86	---	---	---
5	33.09	32.66	32.41	---	32.11	31.42	30.52	---	28.98	---	---	---
6	33.10	32.73	32.35	---	32.10	31.14	30.51	---	28.97	---	---	---
7	33.11	32.68	32.34	---	32.02	31.22	30.49	---	28.92	---	---	---
8	33.12	32.68	32.35	---	32.07	31.32	30.47	---	28.89	---	---	---
9	33.12	32.55	32.39	---	32.03	31.26	30.43	---	28.88	---	---	---
10	33.11	32.62	32.35	---	31.99	31.27	30.43	---	28.84	---	---	---
11	33.09	32.68	32.35	---	32.02	31.21	30.45	---	---	---	---	---
12	32.71	32.56	32.35	---	31.98	31.13	30.40	---	---	---	---	---
13	32.74	32.59	32.33	---	31.77	31.04	30.33	---	---	---	---	---
14	32.95	32.60	32.36	---	31.78	31.15	30.30	---	---	---	---	---
15	33.08	32.54	32.37	---	31.95	31.18	30.27	---	---	---	---	---
16	33.16	32.47	32.34	---	31.92	31.12	30.25	---	---	---	---	---
17	33.14	32.48	32.35	---	31.78	31.00	30.20	---	---	---	---	---
18	33.06	32.51	32.32	---	31.74	30.92	30.14	---	---	---	---	---
19	33.20	32.48	32.35	---	31.70	31.00	30.11	---	---	---	---	---
20	33.20	32.49	32.42	---	31.68	30.97	30.07	---	---	---	---	---
21	33.15	32.48	32.39	---	31.64	30.92	30.05	---	---	---	---	---
22	33.08	32.43	32.37	---	31.58	30.89	30.08	---	---	---	---	---
23	32.98	32.40	32.36	---	31.62	30.85	30.06	---	---	---	---	---
24	32.88	32.45	32.36	---	31.56	30.83	30.07	29.16	---	---	---	---
25	32.81	32.44	32.42	---	31.50	30.84	30.06	29.14	---	---	---	---
26	33.04	32.44	32.42	---	31.52	30.79	30.00	29.12	---	---	---	---
27	33.11	32.42	32.43	---	31.52	30.73	29.95	29.12	---	---	---	---
28	32.95	32.40	32.42	---	31.47	30.71	29.93	29.09	---	---	---	---
29	32.98	32.41	32.43	---	---	30.64	29.87	29.05	---	---	---	---
30	32.93	32.46	32.42	---	---	30.85	29.81	29.03	---	---	---	---
31	32.86	---	32.42	---	---	30.80	---	28.99	---	---	---	---
MEAN	33.03	32.56	32.38	---	31.79	31.04	30.26	---	---	---	---	---
MAX	33.20	32.85	32.43	---	32.11	31.42	30.66	---	---	---	---	---
MIN	32.71	32.40	32.32	---	31.47	30.64	29.81	---	---	---	---	---



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.--Water-stage recorder--60 minute punch interval.

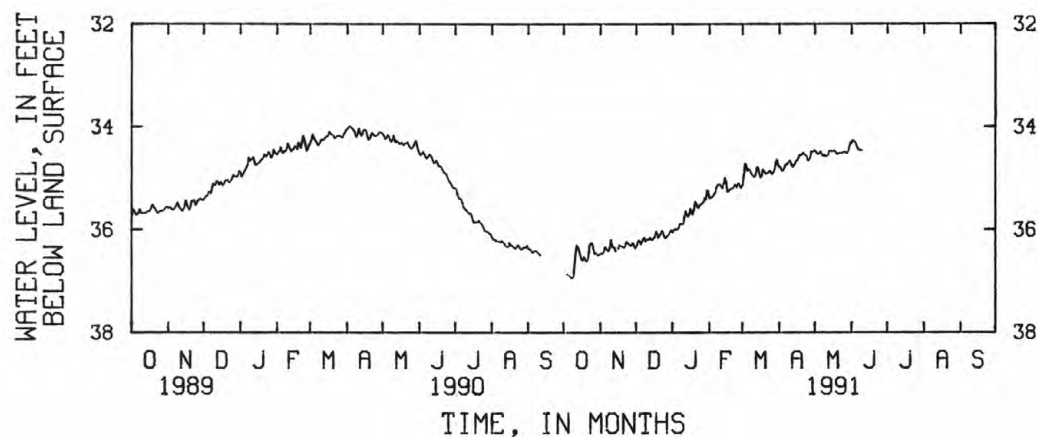
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.94 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 33.99 ft below land-surface datum, Apr. 3, 1990; lowest, 36.94 ft below land-surface datum, Oct. 8, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	36.47	36.34	36.06	35.39	35.14	34.78	34.46	34.32	---	---	---
2	---	36.47	36.29	36.01	35.39	34.94	34.80	34.49	34.27	---	---	---
3	---	36.46	36.22	35.99	35.37	34.73	34.85	34.52	34.28	---	---	---
4	36.87	36.41	36.21	35.99	35.35	34.73	34.86	34.53	34.29	---	---	---
5	36.88	36.34	36.28	36.00	35.31	34.86	34.81	34.51	34.36	---	---	---
6	36.90	36.37	36.23	35.97	35.28	34.83	34.75	34.48	34.42	---	---	---
7	36.93	36.40	36.18	35.90	35.18	34.84	34.73	34.54	34.45	---	---	---
8	36.94	36.42	36.16	35.88	35.13	34.90	34.71	34.57	34.45	---	---	---
9	36.93	36.34	36.22	35.89	35.13	34.94	34.68	34.55	34.46	---	---	---
10	36.72	36.20	36.19	35.89	35.12	34.96	34.66	34.57	34.46	---	---	---
11	36.47	36.33	36.19	35.75	35.16	34.98	34.73	34.57	---	---	---	---
12	36.31	36.33	36.19	35.65	35.20	34.93	34.78	34.54	---	---	---	---
13	36.33	36.36	36.15	35.71	35.11	34.80	34.76	34.48	---	---	---	---
14	36.41	36.41	36.19	35.75	34.99	34.79	34.72	34.46	---	---	---	---
15	36.50	---	36.19	35.70	35.09	34.90	34.67	34.47	---	---	---	---
16	36.58	36.36	36.15	35.60	35.26	34.99	34.65	34.48	---	---	---	---
17	36.60	36.30	36.14	35.67	35.26	34.96	34.60	34.46	---	---	---	---
18	36.53	36.32	36.04	35.70	35.23	34.83	34.55	34.47	---	---	---	---
19	36.56	36.32	36.08	35.62	35.21	34.86	34.55	34.52	---	---	---	---
20	36.61	36.33	36.15	35.46	35.20	34.91	34.53	34.53	---	---	---	---
21	36.61	36.35	36.12	35.49	35.19	34.91	34.50	34.52	---	---	---	---
22	36.51	36.31	36.08	35.56	35.14	34.91	34.53	34.51	---	---	---	---
23	36.30	36.24	36.03	35.58	35.13	34.88	34.55	34.51	---	---	---	---
24	36.27	36.25	36.04	35.53	35.17	34.86	34.58	34.51	---	---	---	---
25	36.26	36.28	36.13	35.50	35.11	34.90	34.65	34.50	---	---	---	---
26	36.36	36.30	36.16	35.49	35.11	34.92	34.65	34.49	---	---	---	---
27	36.47	36.31	36.15	35.46	35.17	34.88	34.59	34.50	---	---	---	---
28	36.45	36.26	36.12	35.39	35.19	34.83	34.49	34.51	---	---	---	---
29	36.48	36.27	36.10	35.42	---	34.69	34.49	34.49	---	---	---	---
30	36.50	36.36	36.04	35.25	---	34.64	34.47	34.40	---	---	---	---
31	36.48	---	36.02	35.25	---	34.75	---	34.31	---	---	---	---
MEAN	36.56	36.34	36.15	35.68	35.20	34.87	34.66	34.50	---	---	---	---
MAX	36.94	36.47	36.34	36.06	35.39	35.14	34.86	34.57	---	---	---	---
MIN	36.26	36.20	36.02	35.25	34.99	34.64	34.47	34.31	---	---	---	---



GROUND-WATER LEVELS

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.--Water-stage recorder--60 minute punch interval.

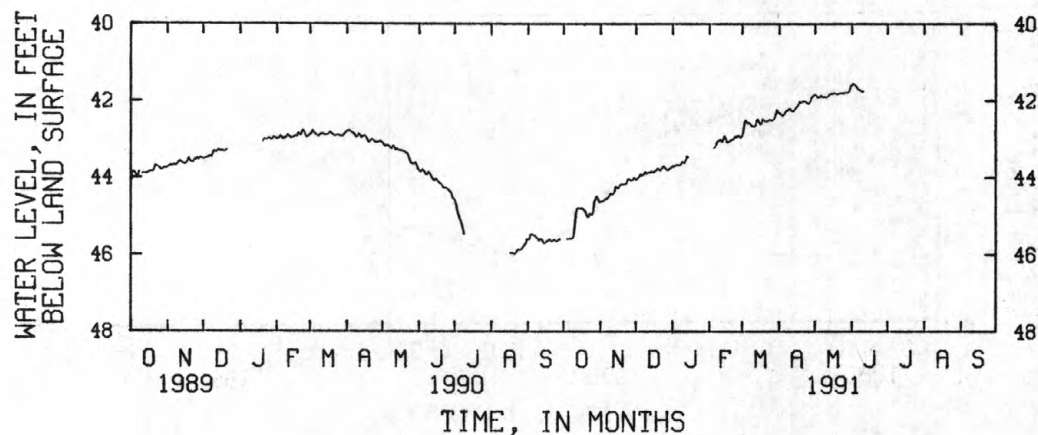
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.04 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 41.55 ft below land-surface datum, June 2, 1991; lowest, 45.98 ft below land-surface datum, Aug. 20, 21, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	44.63	44.06	43.70	---	42.91	42.31	41.84	41.60	---	---	---
2	---	44.62	44.05	43.72	---	42.74	42.34	41.86	41.55	---	---	---
3	---	44.62	44.01	43.69	---	42.55	42.38	41.90	41.57	---	---	---
4	45.60	44.59	43.96	43.68	---	42.50	42.39	41.91	41.60	---	---	---
5	45.59	44.57	43.92	43.67	43.23	42.58	42.35	41.90	41.65	---	---	---
6	45.59	44.55	43.95	43.68	43.21	42.57	42.29	41.86	41.70	---	---	---
7	45.59	44.54	43.93	43.68	43.13	42.58	42.26	41.89	41.72	---	---	---
8	45.58	44.50	43.90	43.65	43.06	42.63	42.24	41.90	41.73	---	---	---
9	45.56	44.43	43.86	43.59	43.04	42.66	42.22	41.89	41.75	---	---	---
10	45.35	44.42	43.89	43.60	43.02	42.66	42.20	41.90	41.76	---	---	---
11	45.03	44.43	43.88	43.62	43.04	42.67	42.24	41.90	---	---	---	---
12	44.82	44.42	43.87	43.55	43.07	42.63	42.27	41.88	---	---	---	---
13	44.78	44.33	43.87	43.45	43.01	42.52	42.26	41.84	---	---	---	---
14	44.79	44.24	43.84	43.47	42.93	42.49	42.22	41.82	---	---	---	---
15	44.79	44.26	43.85	---	42.98	42.56	42.18	41.82	---	---	---	---
16	44.79	44.27	43.86	---	43.08	42.61	42.14	41.82	---	---	---	---
17	44.80	44.23	43.83	---	43.08	42.59	42.10	41.79	---	---	---	---
18	44.83	44.18	43.82	---	43.06	42.49	42.03	41.80	---	---	---	---
19	44.86	44.18	43.77	---	43.04	42.50	42.04	41.82	---	---	---	---
20	44.94	44.18	43.76	---	43.02	42.53	42.03	41.83	---	---	---	---
21	45.01	44.17	43.81	---	43.01	42.53	42.00	41.82	---	---	---	---
22	45.02	44.17	43.80	---	42.97	42.53	42.01	41.81	---	---	---	---
23	44.94	44.15	43.75	---	42.94	42.51	42.01	41.80	---	---	---	---
24	44.95	44.06	43.72	---	42.95	42.49	42.04	41.80	---	---	---	---
25	44.96	44.04	43.72	---	42.92	42.51	42.07	41.80	---	---	---	---
26	44.88	44.05	43.77	---	42.91	42.52	42.07	41.79	---	---	---	---
27	44.62	44.07	43.79	---	42.95	42.49	42.02	41.78	---	---	---	---
28	44.54	44.07	43.80	---	42.95	42.46	41.91	41.79	---	---	---	---
29	44.48	44.02	43.78	---	---	42.35	41.89	41.78	---	---	---	---
30	44.54	44.01	43.76	---	---	42.24	41.85	41.71	---	---	---	---
31	44.63	---	43.73	---	---	42.29	---	41.60	---	---	---	---
MEAN	44.99	44.30	43.85	---	43.02	42.54	42.15	41.83	---	---	---	---
MAX	45.60	44.63	44.06	---	43.23	42.91	42.39	41.91	---	---	---	---
MIN	44.48	44.01	43.72	---	42.91	42.24	41.85	41.60	---	---	---	---



GROUND-WATER LEVELS

411

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.--Water-stage recorder--60 minute punch interval.

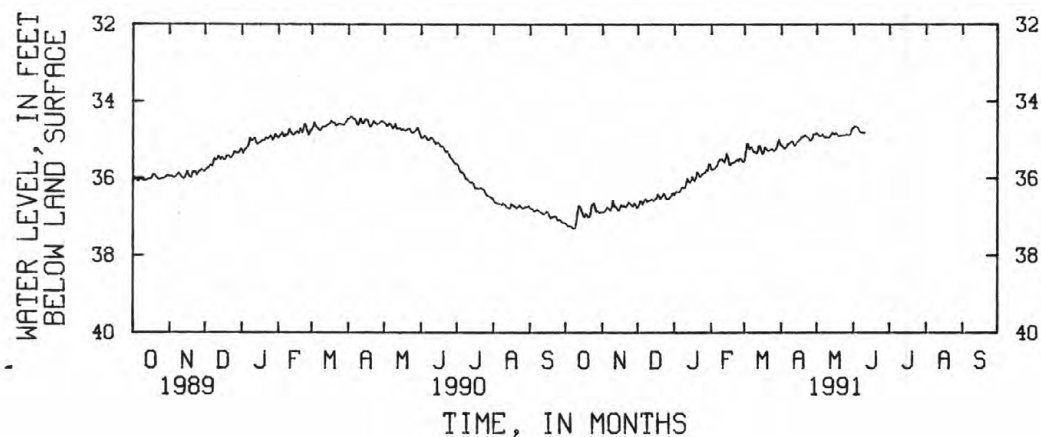
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.97 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 34.40 ft below land-surface datum, Apr. 3, 1990; lowest, 37.31 ft below land-surface datum, Oct. 8, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.17	36.88	36.75	36.43	35.78	35.52	35.15	34.83	34.70	---	---	---
2	37.21	36.88	36.69	36.37	35.78	35.32	35.18	34.87	34.65	---	---	---
3	37.25	36.87	36.60	36.35	35.76	35.11	35.22	34.90	34.66	---	---	---
4	37.24	36.82	36.60	36.36	35.74	35.11	35.23	34.90	34.67	---	---	---
5	37.25	36.75	36.67	36.36	35.71	35.23	35.19	34.89	34.73	---	---	---
6	37.27	36.77	36.61	36.33	35.67	35.21	35.13	34.86	34.79	---	---	---
7	37.30	36.81	36.57	36.25	35.57	35.21	35.11	34.92	34.82	---	---	---
8	37.31	36.83	36.54	36.23	35.51	35.28	35.09	34.94	34.82	---	---	---
9	37.30	36.74	36.61	36.25	35.51	35.32	35.06	34.93	34.83	---	---	---
10	37.12	36.58	36.58	36.24	35.50	35.33	35.04	34.94	34.83	---	---	---
11	36.88	36.73	36.58	36.11	35.54	35.36	35.10	34.95	---	---	---	---
12	36.72	36.73	36.57	36.02	35.59	35.30	35.16	34.92	---	---	---	---
13	36.73	36.76	36.54	36.08	35.49	35.17	35.14	34.86	---	---	---	---
14	36.82	36.82	36.58	36.11	35.37	35.17	35.09	34.83	---	---	---	---
15	36.90	36.83	36.57	36.06	35.47	35.28	35.05	34.85	---	---	---	---
16	36.98	36.76	36.53	35.97	35.64	35.37	35.02	34.86	---	---	---	---
17	37.01	36.70	36.52	36.03	35.65	35.33	34.99	34.83	---	---	---	---
18	36.93	36.73	36.41	36.07	35.62	35.20	34.93	34.85	---	---	---	---
19	36.96	36.72	36.46	35.99	35.60	35.23	34.93	34.90	---	---	---	---
20	37.01	36.73	36.54	35.84	35.59	35.28	34.92	34.91	---	---	---	---
21	37.01	36.75	36.51	35.87	35.58	35.29	34.88	34.90	---	---	---	---
22	36.92	36.71	36.46	35.94	35.53	35.28	34.91	34.89	---	---	---	---
23	36.71	36.63	36.40	35.96	35.51	35.26	34.93	34.89	---	---	---	---
24	36.68	36.64	36.42	35.90	35.55	35.24	34.96	34.89	---	---	---	---
25	36.65	36.68	36.52	35.88	35.50	35.28	35.02	34.88	---	---	---	---
26	36.77	36.71	36.54	35.87	35.49	35.30	35.02	34.86	---	---	---	---
27	36.87	36.72	36.54	35.84	35.56	35.26	34.97	34.88	---	---	---	---
28	36.86	36.66	36.51	35.78	35.58	35.20	34.87	34.89	---	---	---	---
29	36.88	36.67	36.48	35.80	---	35.08	34.87	34.86	---	---	---	---
30	36.90	36.76	36.41	35.64	---	35.01	34.85	34.77	---	---	---	---
31	36.88	---	36.39	35.64	---	35.12	---	34.70	---	---	---	---
MEAN	36.98	36.75	36.54	36.05	35.59	35.25	35.03	34.88	---	---	---	---
MAX	37.31	36.88	36.75	36.43	35.78	35.52	35.23	34.95	---	---	---	---
MIN	36.65	36.58	36.39	35.64	35.37	35.01	34.85	34.70	---	---	---	---



GROUND-WATER LEVELS

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 from 878 to 914, and 924 to 929 ft, depth 929 ft, cased to 929 ft, screened interval from 914 to 924 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

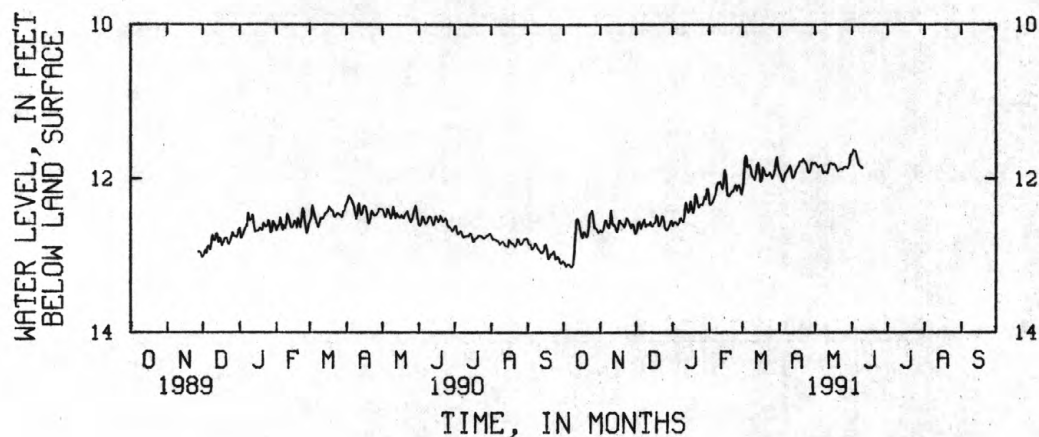
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.82 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.63 ft below land-surface datum, June 2, 1991; lowest, 14.80 ft below land-surface datum, Feb. 17, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.08	12.67	12.71	12.61	12.32	12.14	11.92	11.79	11.69	---	---	---
2	13.10	12.69	12.66	12.57	12.34	11.94	11.95	11.82	11.63	---	---	---
3	13.14	12.68	12.57	12.56	12.32	11.72	12.01	11.84	11.64	---	---	---
4	13.12	12.63	12.55	12.57	12.29	11.70	12.04	11.85	11.64	---	---	---
5	13.11	12.54	12.65	12.60	12.24	11.85	11.99	11.84	11.71	---	---	---
6	13.12	12.54	12.60	12.58	12.21	11.84	11.93	11.82	11.80	---	---	---
7	13.14	12.61	12.56	12.52	12.11	11.82	11.91	11.88	11.83	---	---	---
8	13.14	12.64	12.53	12.51	12.05	11.91	11.89	11.93	11.84	---	---	---
9	13.11	12.59	12.62	12.55	12.06	11.97	11.86	11.91	11.86	---	---	---
10	12.93	12.41	12.60	12.56	12.04	11.98	11.83	11.92	11.86	---	---	---
11	12.70	12.58	12.59	12.42	12.08	12.02	11.91	11.93	---	---	---	---
12	12.53	12.60	12.60	12.31	12.14	11.96	11.99	11.89	---	---	---	---
13	12.52	12.61	12.56	12.38	12.04	11.82	11.98	11.82	---	---	---	---
14	12.59	12.66	12.61	12.44	11.89	11.79	11.93	11.80	---	---	---	---
15	12.67	12.69	12.62	12.41	11.98	11.91	11.88	11.80	---	---	---	---
16	12.74	12.62	12.58	12.30	12.21	12.04	11.86	11.82	---	---	---	---
17	12.77	12.54	12.57	12.38	12.23	12.03	11.84	11.81	---	---	---	---
18	12.69	12.57	12.47	12.44	12.21	11.86	11.78	11.82	---	---	---	---
19	12.70	12.58	12.50	12.38	12.19	11.88	11.78	11.87	---	---	---	---
20	12.75	12.59	12.61	12.20	12.17	11.95	11.78	11.90	---	---	---	---
21	12.75	12.63	12.60	12.23	12.16	11.96	11.74	11.89	---	---	---	---
22	12.67	12.60	12.55	12.33	12.12	11.96	11.77	11.88	---	---	---	---
23	12.46	12.51	12.49	12.37	12.08	11.94	11.79	11.88	---	---	---	---
24	12.44	12.52	12.50	12.34	12.15	11.92	11.83	11.88	---	---	---	---
25	12.41	12.57	12.62	12.33	12.10	11.96	11.92	11.86	---	---	---	---
26	12.50	12.61	12.66	12.34	12.08	12.00	11.92	11.85	---	---	---	---
27	12.64	12.64	12.67	12.30	12.14	11.96	11.88	11.85	---	---	---	---
28	12.64	12.59	12.64	12.23	12.20	11.90	11.79	11.87	---	---	---	---
29	12.66	12.60	12.62	12.26	---	11.77	11.80	11.84	---	---	---	---
30	12.70	12.71	12.56	12.14	---	11.72	11.80	11.77	---	---	---	---
31	12.68	---	12.54	12.13	---	11.87	---	11.69	---	---	---	---
MEAN	12.78	12.60	12.59	12.40	12.15	11.91	11.88	11.85	---	---	---	---
MAX	13.14	12.71	12.71	12.61	12.34	12.14	12.04	11.93	---	---	---	---
MIN	12.41	12.41	12.47	12.13	11.89	11.70	11.74	11.69	---	---	---	---



GROUND-WATER LEVELS

413

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.--Water-stage recorder--60 minute punch interval.

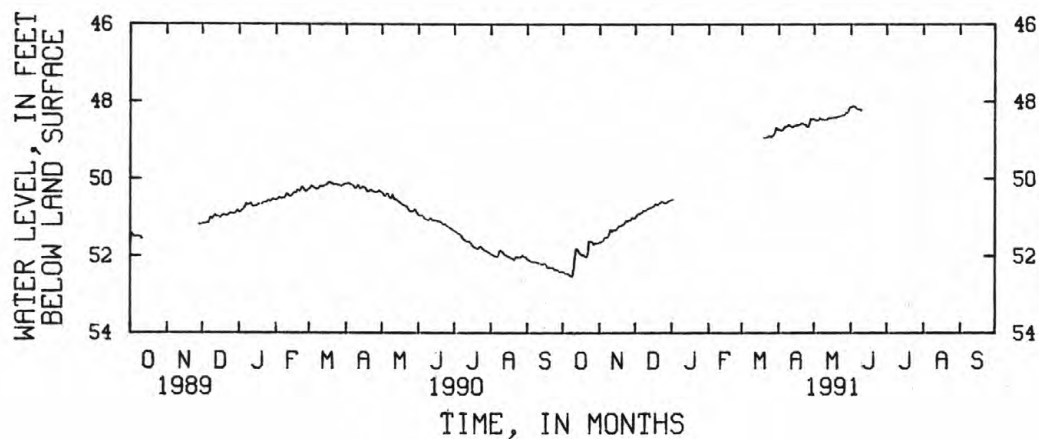
DATUM.--Land-surface datum is 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.57 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 48.13 ft below land-surface datum, June 2 - 4, 1991; lowest, 52.54 ft below land-surface datum, Oct. 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.41	51.64	51.01	50.55	---	---	48.73	48.46	48.15	---	---	---
2	52.43	51.64	50.97	50.53	---	---	48.73	48.48	48.13	---	---	---
3	52.46	51.62	50.92	---	---	---	48.75	48.49	48.13	---	---	---
4	52.46	51.60	50.90	---	---	---	48.75	48.49	48.13	---	---	---
5	52.46	51.53	50.91	---	---	---	48.71	48.48	48.16	---	---	---
6	52.49	51.52	50.88	---	---	---	48.66	48.43	48.19	---	---	---
7	52.51	51.52	50.86	---	---	---	48.66	48.46	48.21	---	---	---
8	52.53	51.50	50.82	---	---	---	48.64	48.48	48.21	---	---	---
9	52.54	51.43	50.83	---	---	---	48.61	48.47	48.22	---	---	---
10	52.35	51.32	50.81	---	---	---	48.61	48.48	48.22	---	---	---
11	52.03	51.36	50.79	---	---	---	48.64	48.48	---	---	---	---
12	51.83	51.34	50.77	---	---	---	48.66	48.47	---	---	---	---
13	51.82	51.33	50.75	---	---	---	48.66	48.44	---	---	---	---
14	51.87	51.33	50.75	---	---	---	48.64	48.42	---	---	---	---
15	51.92	51.32	50.74	---	---	---	48.63	48.43	---	---	---	---
16	51.96	51.28	50.72	---	---	---	48.62	48.43	---	---	---	---
17	51.98	51.23	50.70	---	---	---	48.61	48.42	---	---	---	---
18	51.97	51.23	50.66	---	---	---	48.61	48.42	---	---	---	---
19	51.99	51.21	50.66	---	---	48.94	48.59	48.42	---	---	---	---
20	52.01	51.20	50.68	---	---	48.95	48.57	48.41	---	---	---	---
21	52.02	51.19	50.65	---	---	48.94	48.56	48.40	---	---	---	---
22	51.94	51.15	50.62	---	---	48.93	48.58	48.39	---	---	---	---
23	51.63	51.10	50.60	---	---	48.92	48.59	48.38	---	---	---	---
24	51.63	51.09	50.60	---	---	48.90	48.61	48.37	---	---	---	---
25	51.63	51.09	50.62	---	---	48.91	48.65	48.36	---	---	---	---
26	51.65	51.08	50.62	---	---	48.91	48.65	48.35	---	---	---	---
27	51.69	51.07	50.62	---	---	48.89	48.58	48.33	---	---	---	---
28	51.67	51.02	50.60	---	---	48.85	48.46	48.29	---	---	---	---
29	51.67	51.01	50.59	---	---	48.76	48.47	48.29	---	---	---	---
30	51.67	51.03	50.56	---	---	48.68	48.46	48.22	---	---	---	---
31	51.66	---	50.55	---	---	48.72	---	48.15	---	---	---	---
MEAN	52.03	51.30	50.73	---	---	---	48.62	48.41	---	---	---	---
MAX	52.54	51.64	51.01	---	---	---	48.75	48.49	---	---	---	---
MIN	51.63	51.01	50.55	---	---	---	48.46	48.15	---	---	---	---



GROUND-WATER LEVELS

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.--Water-stage recorder--60 minute punch interval.

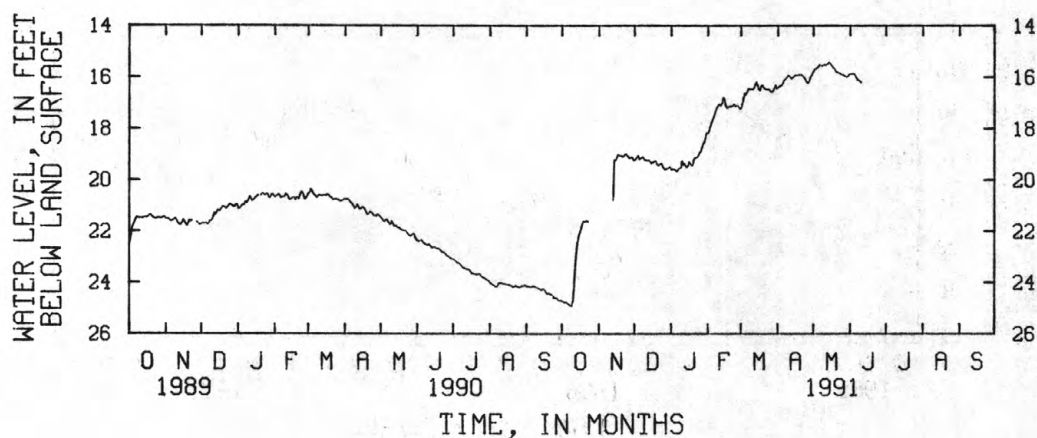
DATUM.--Land-surface datum is 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.56 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 15.42 ft below land-surface datum, May 14, 1991; lowest, 26.92 ft below land-surface datum, Feb. 19, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.72	---	19.24	19.58	18.17	17.21	16.41	15.76	15.89	---	---	---
2	24.75	---	19.19	19.58	18.08	17.04	16.36	15.69	15.87	---	---	---
3	24.79	---	19.11	19.58	17.91	16.82	16.34	15.67	15.87	---	---	---
4	24.78	---	19.06	19.60	17.76	16.63	16.32	15.62	15.86	---	---	---
5	24.79	---	19.17	19.64	17.64	16.66	16.24	15.59	15.91	---	---	---
6	24.84	---	19.17	19.65	17.54	16.58	16.13	15.51	16.02	---	---	---
7	24.88	---	19.13	19.57	17.37	16.44	16.08	15.53	16.10	---	---	---
8	24.90	---	19.10	19.55	17.22	16.44	16.03	15.56	16.13	---	---	---
9	24.91	---	19.19	19.52	17.15	16.47	15.96	15.53	16.16	---	---	---
10	24.75	---	19.22	19.27	17.07	16.45	15.92	15.51	16.20	---	---	---
11	24.28	---	19.22	19.41	17.05	16.48	15.96	15.52	---	---	---	---
12	23.49	---	19.25	19.37	17.08	16.41	16.03	15.51	---	---	---	---
13	22.82	20.79	19.24	19.46	17.00	16.25	16.04	15.46	---	---	---	---
14	22.43	19.21	19.28	19.50	16.80	16.18	15.99	15.42	---	---	---	---
15	22.20	19.23	19.34	19.45	16.85	16.31	15.94	15.45	---	---	---	---
16	22.04	19.15	19.31	19.31	17.10	16.47	15.91	15.53	---	---	---	---
17	21.91	19.03	19.32	19.36	17.18	16.50	15.92	15.59	---	---	---	---
18	21.72	19.03	19.26	19.42	17.17	16.35	15.91	15.64	---	---	---	---
19	21.62	19.04	19.26	19.43	17.14	16.31	15.90	15.71	---	---	---	---
20	21.62	19.05	19.40	19.20	17.13	16.40	15.91	15.78	---	---	---	---
21	21.61	19.09	19.44	19.13	17.12	16.44	15.90	15.80	---	---	---	---
22	21.60	19.08	19.41	19.12	17.09	16.47	15.94	15.82	---	---	---	---
23	21.59	19.00	19.37	19.11	17.04	16.47	16.01	15.84	---	---	---	---
24	---	18.99	19.36	19.03	17.12	16.46	16.07	15.88	---	---	---	---
25	---	19.05	19.49	18.94	17.11	16.50	16.18	15.90	---	---	---	---
26	---	19.11	19.56	18.88	17.09	16.57	16.23	15.91	---	---	---	---
27	---	19.15	19.60	18.75	17.16	16.57	16.18	15.95	---	---	---	---
28	---	19.12	19.57	18.57	17.22	16.52	16.04	15.97	---	---	---	---
29	---	19.11	19.56	18.53	---	16.42	15.95	16.00	---	---	---	---
30	---	19.21	19.52	18.36	---	16.31	15.85	15.95	---	---	---	---
31	---	---	19.50	18.17	---	16.43	---	15.90	---	---	---	---
MEAN	---	---	19.32	19.23	17.26	16.50	16.05	15.69	---	---	---	---
MAX	---	---	19.60	19.65	18.17	17.21	16.41	16.00	---	---	---	---
MIN	---	---	19.06	18.17	16.80	16.18	15.85	15.42	---	---	---	---



GROUND-WATER LEVELS

415

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 470 ft, cased to 129 ft, open hole 129 to 470 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

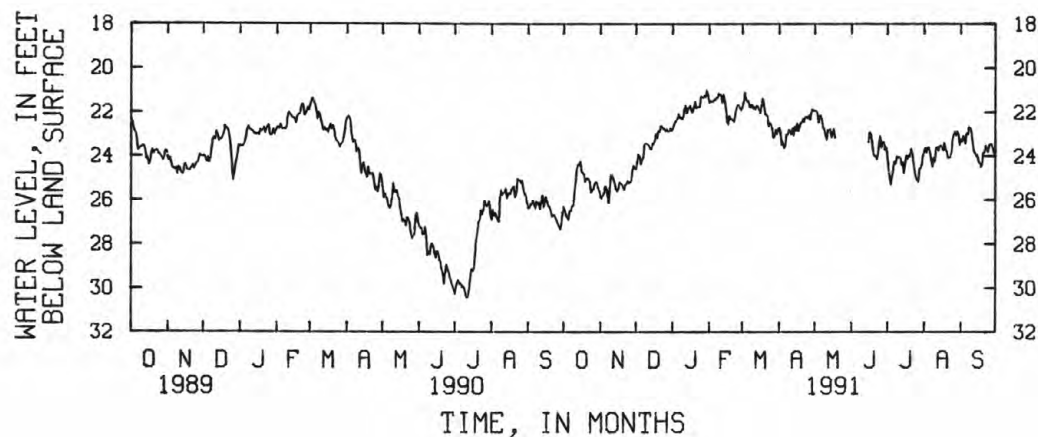
REMARKS.--Also known as TW2 PT4. Geophysical logs available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.31	25.87	24.58	22.77	21.55	21.78	22.70	21.91	---	23.97	23.75	23.26
2	26.49	25.94	24.25	22.59	21.51	21.55	22.95	21.92	---	24.62	23.63	23.32
3	26.74	25.80	23.93	22.44	21.51	21.11	23.48	21.99	---	25.05	23.83	23.09
4	26.81	25.68	24.01	22.38	21.53	21.40	23.39	22.46	---	25.32	23.62	23.25
5	26.89	25.38	24.36	22.30	21.46	21.50	23.63	22.16	---	24.91	23.60	23.42
6	26.49	25.40	24.18	22.09	21.43	21.49	23.55	22.15	---	24.57	23.84	22.97
7	26.49	25.81	24.05	22.25	21.34	21.75	23.02	22.36	---	24.24	24.20	23.01
8	26.28	26.09	23.48	22.24	21.35	21.77	23.02	22.72	---	24.34	24.49	22.70
9	26.22	25.41	23.41	22.31	21.15	21.66	22.80	22.78	---	24.02	24.10	22.73
10	25.64	24.87	23.42	22.22	21.23	21.82	22.87	23.07	---	24.06	24.22	22.93
11	25.20	24.87	23.46	21.87	21.21	21.76	22.99	23.27	---	24.04	23.64	23.38
12	24.59	25.06	23.53	21.70	21.54	21.87	22.74	22.84	---	24.07	23.57	23.80
13	24.37	25.23	23.66	22.03	21.21	21.71	23.04	22.82	---	24.41	23.74	23.87
14	24.40	25.50	23.69	21.81	21.45	21.73	22.66	22.77	---	24.29	23.56	24.01
15	24.24	25.61	23.41	21.80	21.86	21.88	22.82	23.14	23.35	24.77	23.50	23.94
16	24.68	25.51	23.45	21.70	22.45	22.03	22.52	22.94	22.91	24.29	23.59	24.29
17	24.78	25.21	23.29	21.97	22.57	21.72	22.85	22.78	22.97	23.98	23.73	24.31
18	24.80	25.24	22.98	22.00	22.17	21.37	22.64	23.15	23.34	24.13	23.39	24.51
19	25.18	25.29	23.16	21.78	22.29	21.62	22.49	---	23.80	23.98	23.70	24.40
20	25.01	25.43	22.86	21.50	22.32	22.10	22.47	---	23.98	24.01	23.79	23.86
21	25.02	25.53	22.89	21.79	22.36	22.11	22.31	---	24.00	23.66	24.09	23.84
22	25.02	25.31	22.63	21.75	22.43	22.20	22.42	---	24.16	23.87	24.08	23.53
23	25.19	25.24	22.63	21.75	22.04	22.65	22.23	---	23.99	24.30	24.03	23.67
24	25.65	25.13	22.74	21.75	21.80	22.51	22.21	---	23.44	24.72	23.84	23.82
25	25.55	25.21	22.76	21.27	21.67	22.54	22.25	---	23.09	24.95	23.25	23.50
26	25.50	25.19	22.86	21.30	21.67	22.80	22.15	---	23.60	25.07	23.00	23.46
27	25.31	25.10	22.77	21.33	21.81	23.15	22.35	---	23.39	25.17	22.89	23.46
28	25.18	24.61	22.86	21.23	21.90	23.12	22.04	---	23.35	24.58	23.05	23.64
29	25.22	24.43	22.87	21.30	---	22.81	21.87	---	23.73	24.54	22.89	23.83
30	25.44	24.55	22.72	21.01	---	22.97	21.92	---	23.62	24.40	23.01	23.94
31	25.62	---	22.84	21.22	---	22.79	---	---	---	23.96	23.49	---
MEAN	25.49	25.32	23.35	21.85	21.74	22.04	22.68	---	---	24.40	23.65	23.59
MAX	26.89	26.09	24.58	22.77	22.57	23.15	23.63	---	---	25.32	24.49	24.51
MIN	24.24	24.43	22.63	21.01	21.15	21.11	21.87	---	---	23.66	22.89	22.70



GROUND-WATER LEVELS

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 105 ft, cased to 85 ft, open hole from 85 to 105 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 31.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface.

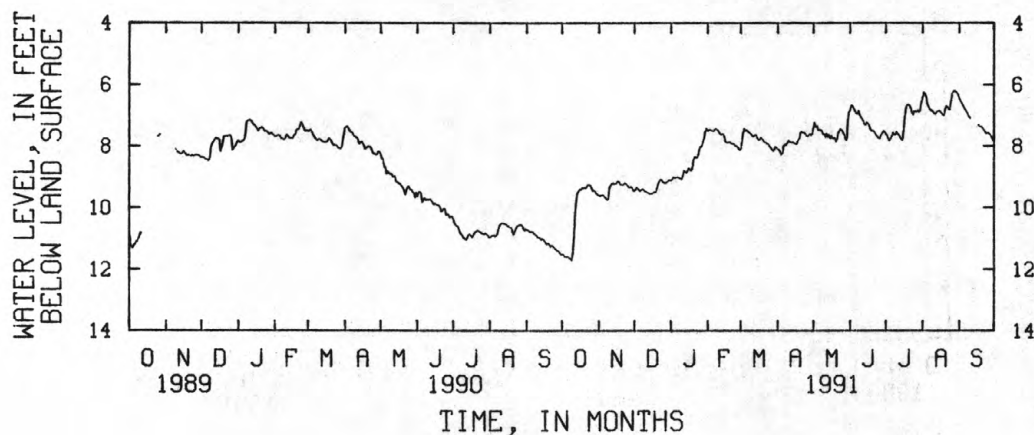
REMARKS.--Water-quality data available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.51	9.60	9.46	9.13	7.49	8.11	8.08	7.39	6.83	7.60	6.41	6.45
2	11.53	9.63	9.42	9.07	7.49	7.88	8.13	7.24	6.67	7.66	6.26	6.55
3	11.58	9.60	9.35	9.02	7.46	7.55	8.18	7.38	6.68	7.76	6.30	6.60
4	11.59	9.60	9.38	9.03	7.48	7.44	8.28	7.35	6.77	7.83	6.39	6.67
5	11.61	9.61	9.45	9.03	7.50	7.50	8.24	7.47	6.85	7.78	6.64	6.75
6	11.60	9.66	9.46	9.02	7.51	7.49	8.02	7.47	6.93	7.69	6.71	6.82
7	11.64	9.70	9.43	9.01	7.46	7.52	7.95	7.48	6.94	7.57	6.80	6.89
8	11.66	9.75	9.40	9.04	7.43	7.55	7.96	7.51	6.87	7.63	6.84	6.95
9	11.70	9.72	9.44	9.06	7.46	7.58	7.89	7.60	6.97	7.63	6.85	7.04
10	11.48	9.35	9.47	9.08	7.50	7.63	7.83	7.63	7.07	7.55	6.90	7.09
11	10.97	9.27	9.49	8.97	7.57	7.68	7.84	7.72	7.11	7.59	6.95	---
12	10.16	9.23	9.53	8.81	7.62	7.68	7.88	7.61	7.18	7.64	6.95	---
13	9.71	9.21	9.52	8.83	7.62	7.65	7.89	7.70	7.29	7.71	6.89	---
14	9.52	9.24	9.55	8.87	7.60	7.64	7.88	7.64	7.31	7.78	6.87	---
15	9.46	9.23	9.55	8.82	7.69	7.74	7.90	7.75	7.24	7.83	6.85	---
16	9.42	9.20	9.55	8.73	7.84	7.81	7.93	7.68	7.25	7.53	6.89	---
17	9.41	9.14	9.52	8.77	7.88	7.80	7.94	7.75	7.34	7.02	6.94	7.32
18	9.36	9.17	9.51	8.80	7.89	7.73	7.84	7.76	7.45	6.76	6.98	7.37
19	9.37	9.25	9.50	8.73	7.88	7.77	7.76	7.75	7.51	6.66	7.01	7.37
20	9.36	9.26	9.39	8.44	7.88	7.83	7.58	7.85	7.51	6.64	6.81	7.41
21	9.37	9.27	9.26	8.36	7.91	7.88	7.53	7.78	7.52	6.68	6.71	7.45
22	9.31	9.25	9.16	8.37	7.92	7.90	7.56	7.56	7.59	6.76	6.74	7.51
23	9.26	9.21	9.09	8.37	7.93	7.91	7.56	7.50	7.66	6.90	6.80	7.58
24	9.27	9.24	9.10	8.28	7.98	7.93	7.59	7.45	7.71	6.98	6.82	7.61
25	9.29	9.29	9.16	8.09	8.00	8.00	7.66	7.47	7.73	6.87	6.53	7.58
26	9.37	9.33	9.19	8.02	8.01	8.05	7.69	7.57	7.77	6.87	6.29	7.60
27	9.45	9.35	9.20	7.99	8.07	8.10	7.66	7.63	7.65	6.88	6.22	7.65
28	9.45	9.33	9.20	7.87	8.13	8.16	7.61	7.79	7.59	6.84	6.22	7.72
29	9.50	9.34	9.16	7.77	---	8.13	7.66	7.81	7.52	6.89	6.22	7.78
30	9.55	9.44	9.12	7.54	---	8.04	7.61	7.15	7.53	6.83	6.27	7.83
31	9.58	---	9.11	7.43	---	8.05	---	6.88	---	6.56	6.34	---
MEAN	10.19	9.38	9.36	8.59	7.72	7.80	7.84	7.56	7.27	7.26	6.66	---
MAX	11.70	9.75	9.55	9.13	8.13	8.16	8.28	7.85	7.77	7.83	7.01	---
MIN	9.26	9.14	9.09	7.43	7.43	7.44	7.53	6.88	6.67	6.56	6.22	---



GROUND-WATER LEVELS

417

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 619 ft, cased to 135 ft, open hole 135 to 619 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

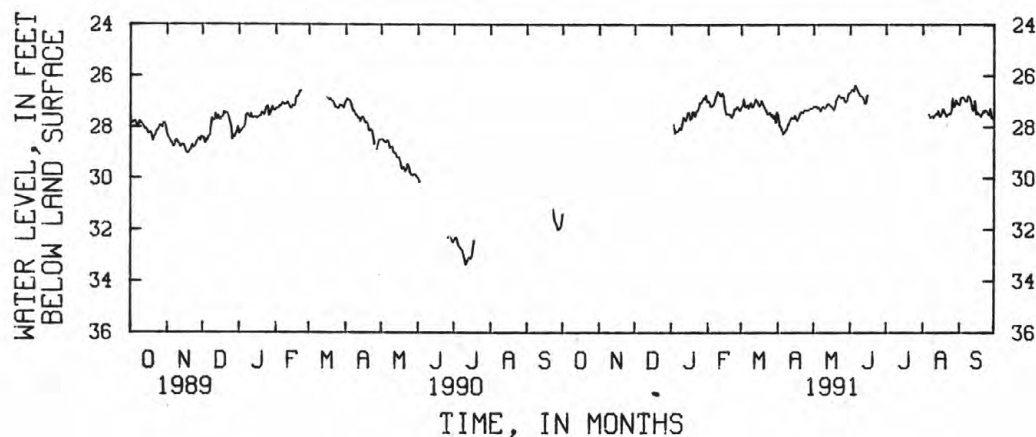
REMARKS.-- Also known as TW3 PT2. Electric log available in District files. Water-level affected by tidal fluctuations. Water-quality data available in District files. Multiple sampling points. Original depth is 746 ft. Cement plug from 619 to 649 ft; gravel filled from 649 to 706 ft; cement plug from 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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.40	---	---	---	26.99	27.22	27.53	27.18	26.65	---	---	27.13
2	---	---	---	---	27.02	27.15	27.94	27.20	26.56	---	---	26.87
3	---	---	---	27.91	27.19	26.89	27.98	27.17	26.53	---	---	26.84
4	---	---	---	28.25	27.19	27.19	28.09	27.25	26.60	---	---	26.84
5	---	---	---	28.17	27.15	27.22	28.27	27.21	26.38	---	---	26.91
6	---	---	---	28.18	27.08	27.14	28.23	27.30	26.45	---	27.51	26.97
7	---	---	---	28.14	26.90	27.25	28.16	27.37	26.57	---	27.63	27.00
8	---	---	---	28.03	26.76	27.13	28.08	27.23	26.67	---	27.62	26.80
9	---	---	---	28.09	26.60	27.05	27.95	27.19	26.77	---	27.56	26.80
10	---	---	---	27.92	26.64	27.21	27.86	27.26	26.79	---	27.64	26.90
11	---	---	---	27.63	26.75	27.18	27.72	27.24	26.83	---	27.55	27.04
12	---	---	---	27.63	26.80	27.06	27.62	27.15	26.92	---	27.47	27.32
13	---	---	---	27.74	26.68	26.90	27.64	27.10	27.07	---	27.51	27.36
14	---	---	---	27.63	26.79	26.98	27.65	27.08	27.08	---	27.36	26.97
15	---	---	---	27.43	27.30	27.07	27.53	27.16	26.77	---	27.58	27.49
16	---	---	---	27.43	27.49	27.17	27.67	27.18	---	---	27.57	27.41
17	---	---	---	27.70	27.49	27.13	27.74	27.25	---	---	27.45	27.48
18	---	---	---	27.66	27.50	26.96	27.65	27.33	---	---	27.30	27.52
19	---	---	---	27.41	27.48	27.07	27.49	27.17	---	---	27.41	27.59
20	---	---	---	27.40	27.57	27.21	27.41	26.96	---	---	27.51	27.49
21	---	---	---	27.59	27.62	27.29	27.41	26.84	---	---	27.58	27.37
22	---	---	---	27.40	27.50	27.38	27.44	26.77	---	---	27.52	27.42
23	---	---	---	27.36	27.31	27.49	27.33	26.79	---	---	27.47	27.34
24	---	---	---	27.23	27.31	27.48	27.33	26.85	---	---	27.49	27.38
25	---	---	---	27.05	27.24	27.44	27.33	26.87	---	---	27.42	27.48
26	---	---	---	27.06	27.19	27.56	27.33	26.83	---	---	26.88	27.54
27	---	---	---	26.99	27.30	27.52	27.31	26.98	---	---	27.21	27.29
28	---	---	---	26.88	27.35	27.65	27.26	27.02	---	---	27.17	27.63
29	---	---	---	26.89	---	27.54	27.27	26.99	---	---	26.95	27.69
30	---	---	---	26.76	---	27.82	27.25	26.74	---	---	27.09	27.71
31	---	---	---	27.01	---	27.41	---	26.66	---	---	27.09	---
MEAN	---	---	---	27.54	27.15	27.25	27.65	27.07	---	---	27.41	27.25
MAX	---	---	---	28.25	27.62	27.82	28.27	27.37	---	---	27.64	27.71
MIN	---	---	---	26.76	26.60	26.89	27.25	26.66	---	---	26.88	26.80



MISCELLANEOUS GROUND-WATER SITES

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 Formation.
 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 1991

<u>DATE</u>	<u>WATER LEVEL</u>
11/12/90	18.25
02/11/91	17.21
03/19/91	16.65
05/03/91	17.56
08/06/91	18.12
09/17/91	18.21

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 Formation.
 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 1991

<u>DATE</u>	<u>WATER LEVEL</u>
11/12/90	16.93
03/19/91	15.57
08/06/91	17.47
09/17/91	17.98

GROUND-WATER LEVELS

419

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 100 ft, open hole from 100 to 300 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

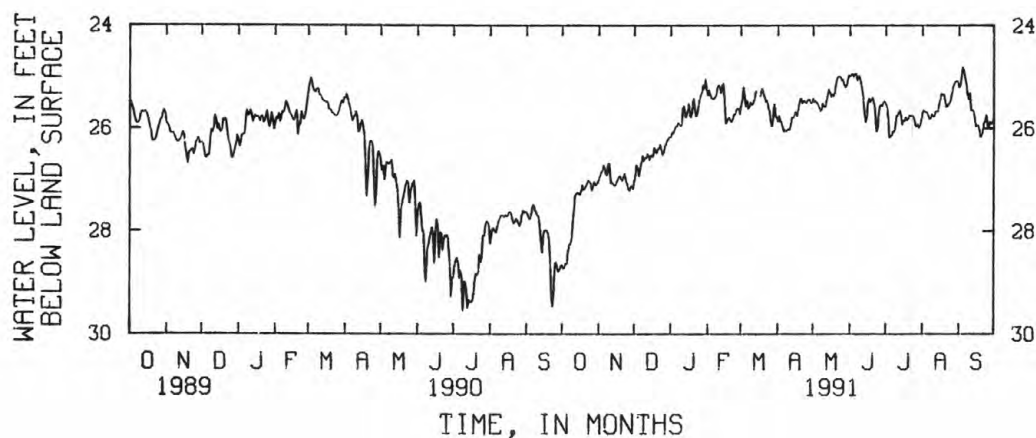
REMARKS.--Water-quality data available in District files. Electric and Gamma logs available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.66	27.01	27.01	26.17	25.36	25.57	25.87	25.42	24.99	25.53	25.69	25.20
2	28.73	26.93	26.91	26.08	25.26	25.43	25.77	25.48	24.96	25.58	25.65	25.17
3	28.72	26.86	26.71	26.09	25.35	25.20	25.85	25.47	24.94	25.81	25.67	24.99
4	28.64	26.82	26.79	26.03	25.41	25.38	25.88	25.50	25.00	26.18	25.69	24.82
5	28.64	26.72	26.93	25.97	25.42	25.57	25.99	25.53	24.95	26.16	25.69	24.87
6	28.38	26.77	26.78	25.95	25.43	25.47	26.06	25.59	24.94	26.14	25.76	25.03
7	28.28	26.89	26.66	25.89	25.40	25.62	26.03	25.67	25.07	26.07	25.82	25.13
8	28.25	26.91	26.53	25.92	25.36	25.59	26.06	25.64	24.99	26.07	25.81	25.34
9	28.15	26.69	26.63	25.95	25.21	25.50	26.03	25.52	24.99	25.97	25.73	25.43
10	27.83	26.68	26.58	25.93	25.16	25.54	26.02	25.57	25.11	25.76	25.76	25.32
11	27.59	27.07	26.57	25.61	25.20	25.52	26.03	25.59	25.24	25.76	25.77	25.65
12	27.31	27.06	26.50	25.56	25.31	25.45	25.92	25.46	25.42	25.70	25.68	25.65
13	27.27	27.08	26.53	25.78	25.17	25.31	25.79	25.38	25.71	25.65	25.66	25.66
14	27.25	27.11	26.61	25.77	25.12	25.28	25.79	25.25	25.89	25.77	25.67	25.79
15	27.27	27.11	26.53	25.65	25.48	---	25.74	25.30	25.81	25.92	25.52	25.96
16	27.29	27.05	26.53	25.53	25.91	---	25.69	25.38	25.48	25.86	25.44	25.95
17	27.22	27.00	26.55	25.75	25.89	25.38	25.76	25.34	25.42	25.85	25.33	25.95
18	27.11	26.95	26.38	25.79	25.82	25.26	25.67	25.37	25.48	25.79	25.33	26.04
19	27.19	26.92	26.43	25.62	25.79	25.22	25.53	25.32	25.45	25.84	25.35	26.16
20	27.17	26.99	26.48	25.42	25.85	25.35	25.42	25.17	25.40	25.81	25.45	26.15
21	27.12	27.02	26.41	25.63	25.88	25.40	25.42	25.02	25.51	25.75	25.58	26.02
22	27.07	26.94	26.39	25.76	25.82	25.49	25.51	24.99	25.67	25.76	25.57	25.90
23	27.01	26.88	26.32	25.75	25.73	25.46	25.47	24.99	26.05	25.75	25.52	25.85
24	27.04	27.02	26.41	25.57	25.73	25.63	25.47	25.00	26.06	25.76	25.52	25.74
25	27.06	27.09	26.51	25.44	25.64	25.68	25.51	25.07	25.73	25.82	25.44	26.00
26	27.21	27.19	26.46	25.36	25.62	25.88	25.47	25.06	25.57	25.94	25.32	25.97
27	27.14	27.22	26.34	25.30	25.62	25.97	25.44	25.15	25.54	25.97	25.19	25.88
28	27.05	27.15	26.30	25.17	25.72	25.82	25.43	25.20	25.57	25.93	25.13	25.91
29	27.10	27.12	26.24	25.22	---	25.53	25.51	25.17	25.50	25.99	25.09	25.88
30	27.10	27.18	26.18	25.05	---	25.76	25.50	25.05	25.47	25.95	25.08	25.85
31	27.05	---	26.17	25.23	---	25.79	---	24.97	---	25.83	25.08	---
MEAN	27.58	26.98	26.53	25.68	25.52	25.52	25.72	25.31	25.40	25.86	25.52	25.64
MAX	28.73	27.22	27.01	26.17	25.91	25.97	26.06	25.67	26.06	26.18	25.82	26.16
MIN	27.01	26.68	26.17	25.05	25.12	25.20	25.42	24.97	24.94	25.53	25.08	24.82



GROUND-WATER LEVELS

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 214 ft, cased to 125 ft, open hole from 125 to 214 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 6.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface.

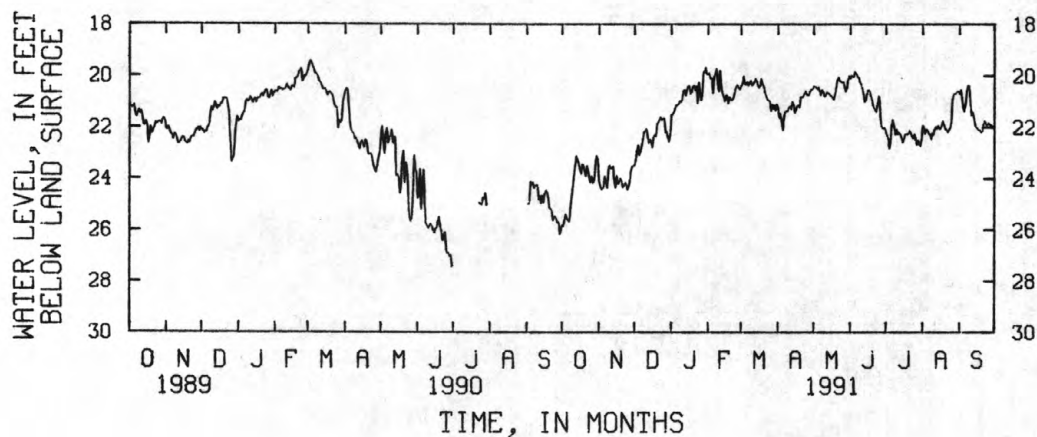
REMARKS.--Gamma log available in District files. Water-quality data available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.82	24.13	23.48	21.50	19.94	20.38	21.24	20.41	20.11	22.22	21.94	20.70
2	25.86	24.29	23.28	21.48	19.90	20.29	21.64	20.43	20.00	22.33	21.97	20.55
3	25.57	24.41	22.91	21.41	20.09	20.02	21.47	20.43	20.01	22.45	22.24	20.92
4	25.39	24.40	22.70	21.27	20.10	20.30	21.77	20.52	20.05	22.84	22.08	21.24
5	25.57	24.27	23.08	21.13	20.69	20.35	22.10	20.45	19.84	22.48	22.11	21.39
6	25.61	23.91	22.94	21.15	20.04	20.25	21.56	20.58	19.92	21.86	22.24	21.12
7	25.68	24.16	22.70	21.09	19.93	20.37	21.40	20.74	20.03	21.70	22.27	20.58
8	25.16	24.35	22.47	20.98	19.73	20.29	21.37	20.56	20.08	22.02	22.45	20.38
9	24.59	23.67	22.19	21.02	20.31	20.19	21.37	20.62	20.24	22.30	22.24	20.39
10	24.33	23.47	22.13	20.92	20.60	20.37	21.25	20.80	20.34	22.10	22.29	21.13
11	23.88	23.59	22.06	20.59	19.80	20.32	21.18	20.78	20.50	22.26	22.09	21.54
12	23.57	23.60	22.40	20.54	20.46	20.25	21.29	20.64	20.70	22.22	21.98	21.42
13	23.12	23.51	22.60	20.76	20.69	20.12	21.02	20.67	21.01	22.27	22.05	21.64
14	23.28	24.14	22.50	20.59	20.81	20.20	21.10	20.68	20.95	22.40	21.95	21.94
15	23.40	24.35	22.61	20.41	20.99	20.39	21.43	20.77	20.72	22.59	22.04	22.01
16	23.66	23.89	22.78	20.37	20.78	20.47	21.32	20.79	20.57	22.50	22.05	22.05
17	23.81	24.21	22.39	20.68	20.75	20.37	21.19	20.87	20.57	22.28	21.95	22.12
18	23.45	24.16	22.29	20.65	21.06	20.13	21.14	20.93	20.75	22.28	21.75	22.12
19	23.51	23.99	22.34	20.43	20.84	20.32	21.22	20.71	20.89	22.27	21.90	22.20
20	23.81	24.07	21.86	20.37	20.91	20.45	20.84	20.43	21.15	22.23	22.07	22.17
21	23.91	24.32	21.81	20.55	20.94	20.68	20.81	20.17	21.26	22.13	22.08	21.87
22	23.50	24.31	21.70	20.41	20.89	20.81	20.84	20.06	21.35	22.24	22.19	21.76
23	23.77	24.17	21.61	21.07	20.71	20.93	20.71	20.21	21.41	22.35	22.12	21.85
24	24.03	24.23	21.70	20.26	20.51	20.96	20.60	20.21	21.05	22.43	22.04	21.92
25	24.15	24.43	21.68	20.68	20.40	20.99	20.72	20.26	20.79	22.27	21.83	21.84
26	23.92	24.32	21.64	20.94	20.35	21.35	20.74	20.24	21.31	22.47	20.90	21.90
27	24.16	24.07	22.21	20.79	20.49	21.12	20.75	20.47	21.91	22.67	20.73	21.91
28	24.07	23.68	22.17	19.85	20.51	21.28	20.59	20.61	22.03	22.54	20.70	21.93
29	23.43	23.53	22.40	19.86	---	21.15	20.53	20.47	22.06	22.66	20.68	21.99
30	23.10	23.49	22.56	19.68	---	21.33	20.52	20.15	22.01	22.74	20.63	22.08
31	23.23	---	22.28	19.92	---	21.12	---	20.01	---	22.49	20.61	---
MEAN	24.20	24.04	22.37	20.69	20.47	20.57	21.12	20.51	20.79	22.34	21.81	21.56
MAX	25.86	24.43	23.48	21.50	21.06	21.35	22.10	20.93	22.06	22.84	22.45	22.20
MIN	23.10	23.47	21.61	19.68	19.73	20.02	20.52	20.01	19.84	21.70	20.61	20.38



GROUND-WATER LEVELS

421

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 212 ft, cased to 146 ft, open hole from 146 to 212 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

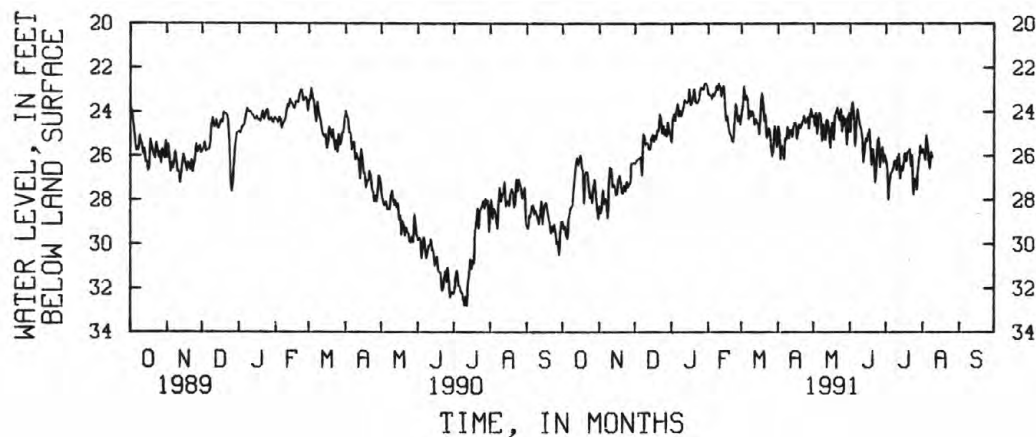
REMARKS.--Electric and Gamma logs available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.95	28.27	26.36	25.37	23.20	24.10	24.66	24.20	24.93	26.25	25.70	---
2	29.32	28.60	26.28	24.27	23.23	23.73	25.06	24.62	23.86	26.51	25.83	---
3	29.20	28.34	26.19	24.08	23.24	22.85	26.19	24.06	23.55	28.01	26.20	---
4	29.59	27.54	26.14	24.41	23.42	23.46	25.56	25.03	24.32	27.20	25.06	---
5	29.75	28.18	26.12	23.96	23.19	23.26	25.78	24.19	25.56	26.83	25.52	---
6	28.84	27.94	26.04	23.63	23.29	23.42	26.16	24.05	24.48	26.73	26.32	---
7	28.58	28.09	26.90	24.18	23.12	24.34	25.19	24.10	23.88	26.59	26.62	---
8	28.34	28.83	25.00	23.95	22.82	23.95	25.26	25.35	24.28	26.27	25.83	---
9	28.28	27.33	25.09	24.17	23.00	24.19	24.68	24.56	24.62	26.20	26.05	---
10	27.67	26.52	25.50	24.02	22.70	23.97	25.21	25.15	24.79	26.64	---	---
11	27.11	26.58	25.40	23.82	22.87	24.14	24.85	25.28	25.19	26.04	---	---
12	26.43	27.42	25.45	23.45	23.31	24.61	24.81	24.35	26.31	25.93	---	---
13	26.10	27.32	25.70	23.54	22.90	24.33	25.16	24.41	25.93	27.05	---	---
14	26.42	27.40	25.71	23.59	22.80	24.51	24.67	25.02	25.22	26.46	---	---
15	26.19	27.77	25.18	23.51	23.73	24.53	24.50	25.66	25.34	26.67	---	---
16	25.97	27.74	25.04	22.95	24.39	25.02	24.50	24.69	24.98	26.37	---	---
17	26.55	27.08	25.34	23.67	24.19	23.91	25.24	24.49	24.78	25.88	---	---
18	26.67	26.91	25.08	23.65	24.67	23.14	24.92	25.27	25.67	26.26	---	---
19	28.18	27.22	25.22	23.33	24.99	23.39	24.55	24.16	26.43	25.85	---	---
20	26.83	27.67	24.85	22.97	25.08	24.42	24.72	24.02	25.70	25.80	---	---
21	26.72	27.71	24.86	23.54	25.33	24.12	24.58	23.81	26.25	25.68	---	---
22	26.73	27.35	24.11	23.60	25.39	25.19	24.38	24.22	27.23	26.46	---	---
23	27.37	27.58	24.28	23.61	24.49	25.14	24.17	24.39	26.44	25.96	---	---
24	27.93	27.19	24.97	23.46	23.63	24.75	24.51	23.90	25.30	27.77	---	---
25	27.69	27.43	24.64	23.04	23.90	24.90	24.49	24.92	25.16	27.30	---	---
26	28.13	27.29	25.03	22.89	24.44	25.68	24.24	24.19	26.55	27.04	---	---
27	27.38	27.23	24.82	22.94	24.20	26.04	24.79	24.62	25.76	27.54	---	---
28	27.08	26.33	25.11	22.98	24.59	25.61	24.08	24.32	25.59	26.56	---	---
29	27.70	26.35	24.48	22.70	---	24.65	23.86	25.52	26.29	26.09	---	---
30	28.41	26.33	24.94	22.69	---	25.12	24.23	24.25	25.96	25.53	---	---
31	28.86	---	25.06	22.78	---	25.59	---	24.04	---	25.87	---	---
MEAN	27.71	27.45	25.32	23.57	23.79	24.39	24.83	24.54	25.34	26.49	---	---
MAX	29.75	28.83	26.90	25.37	25.39	26.04	26.19	25.66	27.23	28.01	---	---
MIN	25.97	26.33	24.11	22.69	22.70	22.85	23.86	23.81	23.55	25.53	---	---



GROUND-WATER LEVELS

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 524 ft, cased to 300 ft, open hole from 300 to 524 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

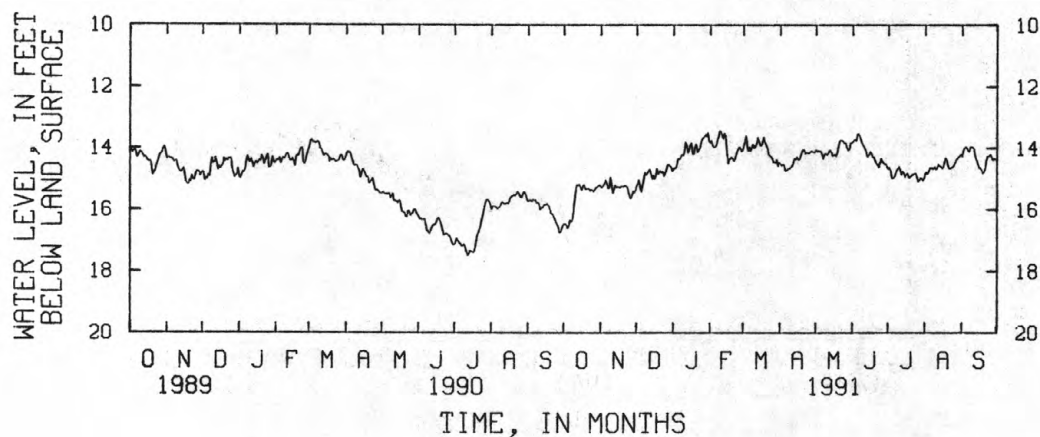
REMARKS.--Geophysical logs available in District files. 1977 Water-quality data available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.49	15.26	15.24	14.68	13.82	13.94	14.51	14.06	13.81	14.69	14.83	14.27
2	16.46	15.28	15.18	14.66	13.75	13.81	14.57	14.12	13.74	14.64	14.79	14.06
3	16.51	15.22	15.05	14.65	13.91	13.59	14.55	14.08	13.72	14.74	14.83	13.99
4	16.59	15.18	15.29	14.49	13.97	13.95	14.55	14.12	13.77	14.98	14.74	13.96
5	16.55	15.04	15.43	14.35	13.96	14.10	14.72	14.10	13.56	14.98	14.65	14.00
6	16.35	15.13	15.24	14.36	13.92	13.98	14.74	14.21	13.54	14.94	14.66	14.09
7	16.40	15.30	14.98	14.31	13.74	14.09	14.70	14.34	13.60	14.85	14.65	14.11
8	16.35	15.31	14.80	14.22	13.63	14.01	14.69	14.22	13.71	14.74	14.67	13.97
9	16.10	14.95	14.87	14.25	13.45	13.88	14.66	14.17	13.85	14.68	14.61	13.95
10	15.65	15.17	14.82	14.15	13.45	13.99	14.62	14.22	13.93	14.61	14.69	13.98
11	15.48	15.48	14.75	13.81	13.58	13.95	14.58	14.21	14.00	14.70	14.66	14.06
12	15.21	15.37	14.70	13.86	13.69	13.87	14.43	14.10	14.08	14.85	14.55	14.30
13	15.21	15.22	14.85	14.15	13.52	13.66	14.34	14.07	14.27	14.77	14.56	14.39
14	15.19	15.26	15.00	14.08	13.59	13.78	14.37	14.13	14.28	14.81	14.59	14.51
15	15.28	15.27	14.90	13.90	14.20	13.90	14.29	14.26	14.21	14.93	14.66	14.65
16	15.37	15.26	15.01	13.83	14.53	13.92	14.37	14.24	14.13	14.87	14.63	14.65
17	15.25	15.30	14.93	14.19	14.37	13.83	14.37	14.22	14.19	14.82	14.48	14.70
18	15.20	15.24	14.67	14.20	14.33	13.63	14.26	14.27	14.30	14.93	14.32	14.82
19	15.34	15.25	14.82	13.95	14.30	13.80	14.13	14.14	14.31	14.96	14.38	14.79
20	15.34	15.25	14.78	13.86	14.36	13.89	14.06	13.92	14.42	14.91	14.57	14.71
21	15.33	15.23	14.75	14.13	14.42	13.98	14.05	13.76	14.51	14.87	14.66	14.41
22	15.33	15.23	14.80	14.09	14.34	14.20	14.18	13.74	14.55	14.86	14.67	14.28
23	15.40	15.26	14.76	14.00	14.16	14.25	14.15	13.75	14.63	14.83	14.62	14.26
24	15.36	15.44	14.92	13.87	14.09	14.29	14.16	13.79	14.48	14.82	14.63	14.24
25	15.38	15.55	14.84	13.69	13.99	14.32	14.17	13.83	14.35	14.95	14.56	14.21
26	15.42	15.65	14.70	13.66	13.97	14.45	14.13	13.83	14.44	15.08	14.47	14.35
27	15.37	15.58	14.56	13.62	14.09	14.45	14.11	13.98	14.48	15.05	14.38	14.39
28	15.30	15.43	14.54	13.55	14.08	14.49	14.11	14.07	14.52	14.98	14.33	14.34
29	15.28	15.46	14.57	13.62	---	14.38	14.14	14.05	14.53	14.99	14.29	14.36
30	15.22	15.39	14.63	13.49	---	14.58	14.14	13.85	14.62	15.06	14.25	14.39
31	15.20	---	14.76	13.77	---	14.48	---	13.81	---	14.99	14.19	---
MEAN	15.64	15.30	14.88	14.05	13.97	14.05	14.36	14.05	14.15	14.87	14.57	14.31
MAX	16.59	15.65	15.43	14.68	14.53	14.58	14.74	14.34	14.63	15.08	14.83	14.82
MIN	15.19	14.95	14.54	13.49	13.45	13.59	14.05	13.74	13.54	14.61	14.19	13.95



GROUND-WATER LEVELS

423

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 239 ft, cased to 126 ft, open hole from 126 to 239 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

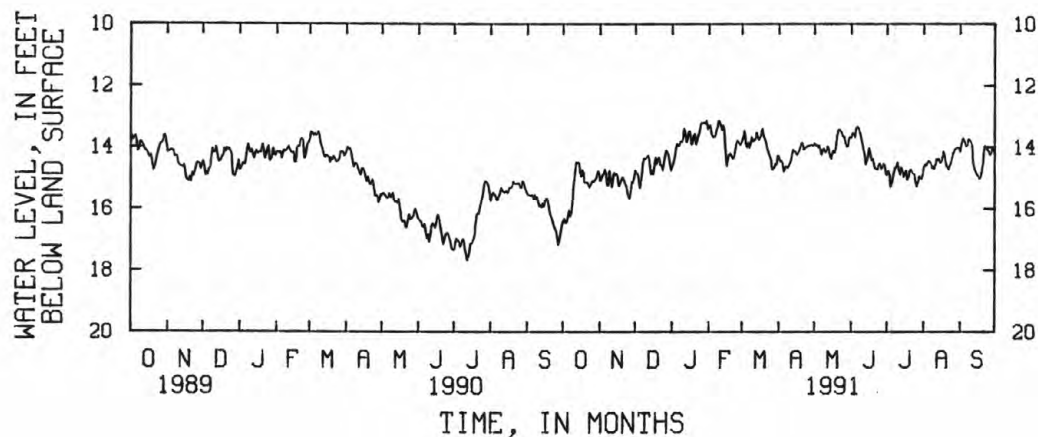
REMARKS.--Geophysical logs and Water-quality data available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.42	15.07	14.77	14.61	13.37	13.80	14.31	13.87	13.70	14.91	14.67	14.15
2	16.33	15.10	14.83	14.51	13.29	13.67	14.46	13.96	13.55	14.78	14.56	13.90
3	16.45	14.92	14.83	14.36	13.55	13.47	14.45	13.93	13.56	14.88	14.60	13.74
4	16.45	14.87	15.16	14.11	13.66	13.88	14.49	14.01	13.68	15.29	14.51	13.71
5	16.29	14.72	15.33	13.89	13.68	14.01	14.78	13.95	13.39	15.15	14.44	13.86
6	16.05	14.83	15.09	13.95	13.66	13.85	14.74	14.09	13.33	14.99	14.48	13.97
7	16.25	15.22	14.64	13.95	13.49	14.02	14.63	14.25	13.38	14.78	14.50	13.95
8	16.16	15.27	14.36	13.82	13.38	13.91	14.67	14.09	13.51	14.68	14.68	13.74
9	15.70	14.77	14.37	13.84	13.15	13.68	14.63	14.05	13.70	14.60	14.62	13.77
10	15.15	15.05	14.36	13.74	13.15	13.80	14.56	14.15	13.88	14.51	14.70	13.82
11	14.84	15.30	14.29	13.39	13.30	13.79	14.47	14.15	14.07	14.74	14.58	13.98
12	14.49	15.01	14.26	13.52	13.43	13.77	14.22	13.98	14.21	14.90	14.39	14.51
13	14.52	14.85	14.56	13.84	13.30	13.53	14.09	14.06	14.56	14.67	14.42	14.71
14	14.49	14.89	14.88	13.71	13.51	13.69	14.15	14.28	14.45	14.74	14.38	14.79
15	14.69	14.88	14.76	13.51	14.26	13.77	14.13	14.37	14.23	14.97	14.50	14.90
16	14.95	14.99	14.88	13.48	14.61	13.71	14.24	14.21	14.04	14.86	14.48	14.92
17	14.75	15.27	14.68	13.91	14.34	13.57	14.23	14.12	14.24	14.77	14.33	15.03
18	14.83	15.18	14.34	13.89	14.24	13.40	14.12	14.18	14.43	15.06	14.16	15.00
19	15.15	15.08	14.53	13.63	14.21	13.66	14.04	13.98	14.38	14.99	14.30	14.83
20	15.16	14.98	14.40	13.56	14.28	13.74	13.88	13.67	14.57	14.78	14.59	14.63
21	15.15	15.03	14.34	13.91	14.37	13.88	13.85	13.46	14.70	14.74	14.65	14.14
22	15.18	15.17	14.57	13.79	14.34	14.07	14.08	13.42	14.70	14.79	14.73	13.97
23	15.31	15.25	14.59	13.62	14.07	14.17	14.04	13.46	14.75	14.85	14.62	14.01
24	15.23	15.48	14.75	13.51	13.89	14.27	14.01	13.54	14.57	14.89	14.51	14.10
25	15.16	15.60	14.48	13.25	13.79	14.39	13.99	13.65	14.52	15.15	14.36	14.12
26	15.10	15.67	14.25	13.20	13.81	14.73	13.95	13.68	14.70	15.29	14.21	14.25
27	15.12	15.47	14.10	13.21	13.92	14.70	13.97	13.87	14.67	15.14	14.10	14.23
28	15.06	15.15	14.15	13.19	13.90	14.68	13.92	13.99	14.55	14.97	14.06	14.07
29	15.00	15.15	14.25	13.24	---	14.54	13.95	13.98	14.58	14.97	14.04	14.09
30	14.79	14.96	14.53	13.14	---	14.57	13.96	13.72	14.86	15.03	14.03	14.21
31	14.79	---	14.75	13.40	---	14.28	---	13.67	---	14.92	14.02	---
MEAN	15.32	15.11	14.58	13.70	13.78	13.97	14.23	13.93	14.18	14.90	14.43	14.24
MAX	16.45	15.67	15.33	14.61	14.61	14.73	14.78	14.37	14.86	15.29	14.73	15.03
MIN	14.49	14.72	14.10	13.14	13.15	13.40	13.85	13.42	13.33	14.51	14.02	13.71



GROUND-WATER LEVELS

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.--Water-stage recorder--60 minute punch interval.

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.

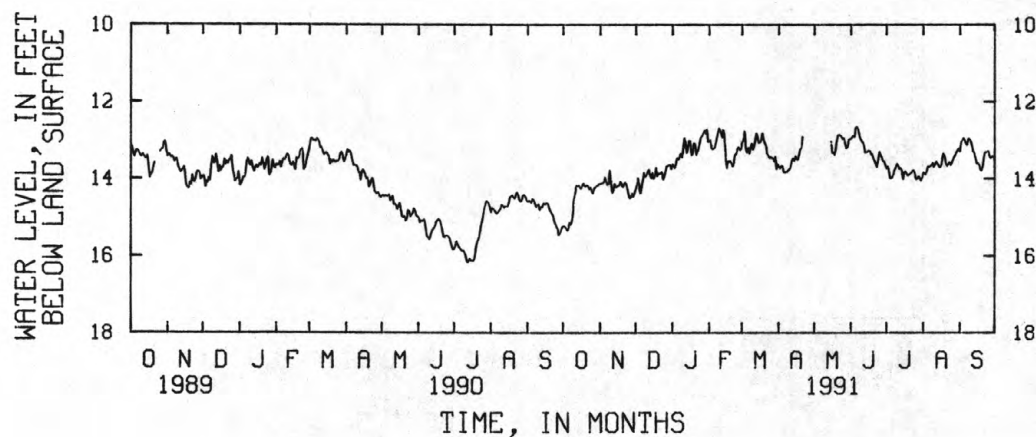
REMARKS.--Water level affected by tidal fluctuations.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.24	14.14	14.26	13.62	13.03	13.05	13.69	---	12.97	13.73	13.84	13.29
2	15.23	14.11	14.18	13.68	13.00	12.99	13.73	---	12.91	13.68	13.85	13.04
3	15.27	14.11	13.98	13.72	13.20	12.77	13.68	---	12.89	13.78	13.89	13.00
4	15.34	14.10	14.29	13.57	13.23	13.24	13.67	---	12.93	13.98	13.79	12.95
5	15.33	13.96	14.38	13.47	13.22	13.32	13.82	---	12.67	13.99	13.69	12.99
6	15.15	14.07	14.17	13.50	13.17	13.20	13.84	---	12.66	13.96	13.69	13.09
7	15.19	14.16	13.98	13.44	12.99	13.34	13.82	---	12.72	13.88	13.67	13.13
8	15.13	14.14	13.85	13.35	12.88	13.22	13.82	---	12.84	13.76	13.65	12.97
9	14.92	13.78	13.95	13.44	12.69	13.09	13.78	---	12.97	13.70	13.59	12.96
10	14.48	14.12	13.90	13.28	12.70	13.24	13.76	---	13.02	13.61	13.69	13.03
11	14.39	14.37	13.83	12.94	12.83	13.14	13.68	---	13.06	13.66	13.63	13.12
12	14.16	14.31	13.77	13.06	12.92	13.01	13.53	---	13.13	13.75	13.56	13.29
13	14.20	14.14	13.91	13.32	12.74	12.82	13.47	---	13.31	13.72	13.60	13.33
14	14.16	14.20	13.98	13.21	12.86	12.95	13.53	---	13.32	13.80	13.65	13.46
15	14.24	14.22	13.85	13.02	13.53	13.06	13.41	13.04	13.30	14.02	13.71	13.61
16	14.26	14.18	14.00	13.02	13.73	13.06	13.48	13.33	13.28	13.84	13.67	13.59
17	14.17	14.17	13.95	13.39	13.55	12.99	13.51	13.32	13.28	13.81	13.50	13.64
18	14.12	14.07	13.72	13.36	13.55	12.81	13.40	13.38	13.37	13.87	13.34	13.76
19	14.19	14.16	13.93	13.08	13.54	12.98	13.23	13.24	13.36	13.92	13.40	13.79
20	14.19	14.21	13.87	13.08	13.62	13.06	13.21	13.02	13.48	13.90	13.60	13.72
21	14.17	14.16	13.87	13.38	13.68	13.14	12.91	12.87	13.56	13.86	13.67	13.42
22	14.19	14.10	13.86	13.29	13.56	13.35	---	12.86	13.61	13.85	13.62	13.32
23	14.27	14.13	13.81	13.22	13.38	13.41	---	12.87	13.70	13.79	13.58	13.32
24	14.23	14.31	14.03	13.08	13.34	13.46	---	12.92	13.49	13.78	13.64	13.29
25	14.34	14.42	13.94	12.91	13.21	13.43	---	12.96	13.30	13.90	13.60	13.28
26	14.38	14.51	13.83	12.88	13.17	13.47	---	12.95	13.39	14.02	13.53	13.44
27	14.26	14.48	13.68	12.82	13.25	13.46	---	13.11	13.44	14.00	13.43	13.46
28	14.21	14.39	13.66	12.75	13.23	13.55	---	13.20	13.54	13.94	13.39	13.41
29	14.19	14.46	13.65	12.83	---	13.43	---	13.19	13.55	13.97	13.31	13.44
30	14.17	14.35	13.64	12.72	---	13.76	---	12.99	13.66	14.05	13.26	13.48
31	14.14	---	13.75	13.05	---	13.63	---	12.97	---	14.00	13.22	---
MEAN	14.51	14.20	13.92	13.21	13.21	13.21	---	---	13.22	13.86	13.59	13.32
MAX	15.34	14.51	14.38	13.72	13.73	13.76	---	---	13.70	14.05	13.89	13.79
MIN	14.12	13.78	13.64	12.72	12.69	12.77	---	---	12.66	13.61	13.22	12.95



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.--Water-stage recorder--60 minute punch interval 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.

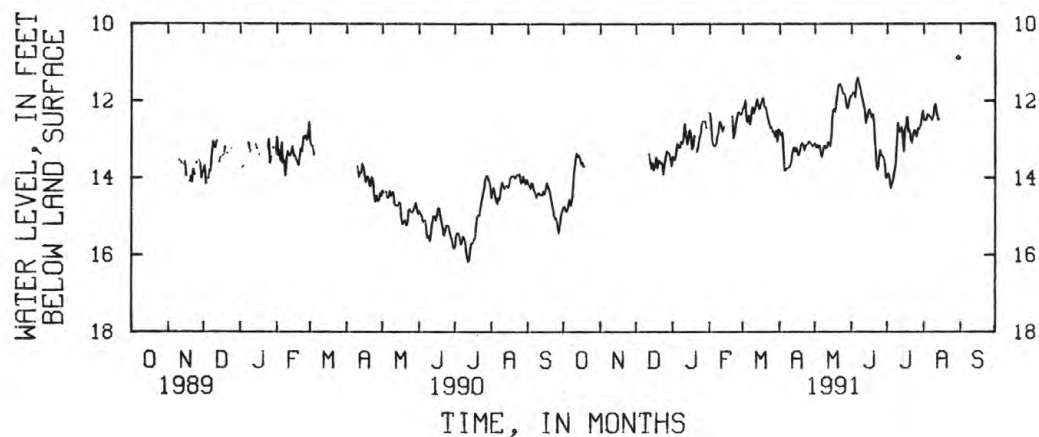
REMARKS.--Water level affected by tidal fluctuations. Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.41 ft below land-surface datum, June 6, 1991; lowest, 16.18 ft below land-surface datum, July 12, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.77	---	---	13.45	12.32	12.19	12.79	13.10	11.88	13.99	12.51	---
2	14.74	---	---	13.53	12.66	12.15	12.90	13.21	11.80	13.88	12.49	---
3	14.88	---	---	13.51	13.05	11.98	12.83	13.15	11.79	14.02	12.51	---
4	14.87	---	---	13.27	13.16	12.52	13.16	13.22	11.91	14.28	12.34	---
5	14.75	---	---	13.11	13.18	12.56	13.81	13.15	11.52	14.16	12.38	---
6	14.57	---	---	13.20	13.14	12.39	13.80	13.37	11.41	14.03	12.40	---
7	14.72	---	---	13.22	12.96	12.62	13.75	13.46	11.50	13.82	12.46	---
8	14.64	---	---	13.06	12.83	12.42	13.75	13.23	11.63	13.72	12.50	---
9	14.32	---	---	13.11	12.54	12.16	13.73	13.16	11.81	13.15	12.37	---
10	13.78	---	---	12.94	12.56	12.32	13.67	13.24	11.97	12.57	12.13	---
11	13.60	---	---	12.60	12.71	12.20	13.53	13.22	12.08	12.75	12.08	---
12	13.36	---	13.38	12.82	12.80	12.12	13.30	13.09	12.22	12.82	12.38	---
13	13.45	---	13.61	13.14	12.68	11.95	13.21	13.09	12.59	12.70	12.50	---
14	13.41	---	13.76	12.96	---	12.13	13.32	13.18	12.46	12.81	12.49	---
15	13.54	---	13.61	12.76	---	12.21	13.22	12.80	12.31	13.33	---	---
16	13.65	---	13.81	12.80	---	12.08	13.34	12.26	12.22	12.74	---	---
17	13.60	---	13.73	13.26	---	12.01	13.42	12.21	12.32	12.63	---	---
18	13.71	---	13.47	13.20	---	11.92	13.34	12.28	12.45	12.42	---	---
19	---	---	13.75	12.91	---	12.14	13.16	12.09	12.35	12.80	---	---
20	---	---	13.56	---	12.40	12.17	13.09	11.77	12.57	12.77	---	---
21	---	---	13.57	13.32	12.98	12.30	13.13	11.59	13.22	13.04	---	---
22	---	---	13.63	13.13	12.87	12.49	13.28	11.56	13.72	13.10	---	---
23	---	---	13.62	12.99	12.60	12.59	13.16	11.62	13.80	12.88	---	---
24	---	---	13.91	12.86	12.43	12.71	13.14	11.73	13.51	12.77	---	---
25	---	---	13.65	12.60	12.30	12.69	13.10	11.81	13.28	12.86	---	---
26	---	---	13.48	12.53	12.29	12.80	13.06	11.83	13.38	12.93	---	---
27	---	---	13.31	12.53	12.35	12.81	13.09	12.03	13.43	12.72	---	---
28	---	---	13.35	12.53	12.32	12.93	13.14	12.18	13.49	12.74	---	---
29	---	---	13.37	12.70	---	12.78	13.18	12.20	13.62	12.66	---	---
30	---	---	13.50	---	---	13.07	13.15	11.97	14.01	12.49	---	---
31	---	---	13.70	---	---	12.74	---	11.89	---	12.25	---	---
MEAN	---	---	---	13.00	---	12.39	13.28	12.54	12.54	13.09	---	---
MAX	---	---	---	13.53	---	13.07	13.81	13.46	14.01	14.28	---	---
MIN	---	---	---	12.53	---	11.92	12.79	11.56	11.41	12.25	---	---



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, Apr. 14, 1988; minimum, 330 microsiemens, Aug. 9, 1990.
 SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 4,140 microsiemens, Apr. 21, 1991; minimum, 440 microsiemens, Dec. 11, 1987.
 SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9,630 microsiemens, Dec. 23, 1988; minimum, 1590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 642 microsiemens, June 13; minimum, 428 microsiemens, many days.
 SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 4,140 microsiemens, Apr. 17; minimum, 3,270 microsiemens, Nov. 2.
 SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 9,580 microsiemens, Dec. 30, 31; minimum, 7,720 microsiemens, Sept. 18.

SPECIFIC CONDUCTANCE AT 170 FEET (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	548	446	473
2	---	---	---	---	---	---	---	---	---	570	446	474
3	---	---	---	---	---	---	---	---	---	572	448	478
4	---	---	---	---	---	---	---	---	---	578	448	469
5	---	---	---	---	---	---	---	---	---	560	448	470
6	---	---	---	---	---	---	---	---	---	516	442	459
7	---	---	---	---	---	---	---	---	---	526	446	468
8	---	---	---	---	---	---	---	---	---	566	442	486
9	---	---	---	---	---	---	---	---	---	558	448	479
10	---	---	---	---	---	---	---	---	---	578	446	485
11	---	---	---	---	---	---	---	---	---	604	444	495
12	---	---	---	---	---	---	---	---	---	600	442	498
13	---	---	---	---	---	---	---	---	---	620	442	498
14	---	---	---	---	---	---	---	---	---	632	442	494
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	560	440	475	---	---	---	---	---	---	---	---	---
18	570	450	483	---	---	---	594	462	494	---	---	---
19	570	460	489	---	---	---	598	456	507	---	---	---
20	570	460	489	---	---	---	602	462	498	---	---	---
21	570	460	490	---	---	---	586	460	495	---	---	---
22	580	460	497	---	---	---	566	456	490	---	---	---
23	590	450	498	---	---	---	578	456	500	---	---	---
24	590	450	488	---	---	---	568	448	492	---	---	---
25	580	450	495	---	---	---	594	446	495	566	446	476
26	590	460	499	---	---	---	578	442	486	564	438	476
27	580	450	497	---	---	---	580	448	489	564	444	472
28	---	---	---	---	---	---	572	442	485	566	444	473
29	---	---	---	---	---	---	578	444	486	580	444	477
30	---	---	---	---	---	---	566	442	478	578	438	479
31	---	---	---	---	---	---	---	---	---	556	442	472
MONTH	590	440	491	---	---	---	602	442	492	632	438	479

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 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	3410	3280	3340	3720	3560	3630	3680	3550	3620
2	---	---	---	3390	3270	3330	3690	3550	3620	3700	3570	3630
3	---	---	---	3390	3280	3330	3670	3560	3610	3700	3580	3630
4	---	---	---	3400	3290	3340	3690	3570	3630	3690	3580	3630
5	---	---	---	3410	3300	3350	3710	3620	3660	3690	3590	3630
6	---	---	---	3410	3320	3360	3710	3610	3660	3690	3580	3630
7	---	---	---	3420	3310	3360	3720	3610	3670	3680	3570	3610
8	---	---	---	3410	3340	3370	3730	3600	3670	3690	3580	3640
9	---	---	---	3410	3340	3370	3710	3600	3660	3700	3540	3620
10	---	---	---	3460	3340	3390	3720	3600	3660	3650	3550	3600
11	---	---	---	3490	3370	3410	3700	3590	3650	3640	3530	3590
12	---	---	---	3530	3410	3460	3690	3620	3650	3630	3570	3590
13	---	---	---	3540	3400	3470	3680	3580	3630	3660	3570	3620
14	---	---	---	3540	3470	3500	3660	3580	3620	3660	3580	3620
15	---	---	---	3570	3480	3510	3670	3570	3620	3660	3550	3610
16	---	---	---	3570	3490	3540	3670	3550	3610	3640	3530	3600
17	---	---	---	3620	3530	3570	3660	3550	3610	3650	3540	3600
18	---	---	---	3640	3550	3590	3660	3550	3600	3660	3570	3610
19	---	---	---	3650	3560	3600	3650	3550	3600	3650	3560	3610
20	---	---	---	3650	3570	3610	3660	3560	3610	3660	3560	3610
21	---	---	---	3650	3570	3610	3670	3570	3620	3670	3570	3620
22	---	---	---	3650	3570	3610	3650	3550	3600	3680	3600	3630
23	---	---	---	3670	3570	3620	3640	3550	3590	---	---	---
24	---	---	---	3670	3570	3620	3670	3550	3610	---	---	---
25	---	---	---	3670	3560	3620	3680	3590	3630	---	---	---
26	---	---	---	3700	3580	3630	3680	3590	3630	---	---	---
27	---	---	---	3660	3570	3620	3690	3580	3630	---	---	---
28	---	---	---	3720	3540	3620	3690	3590	3630	---	---	---
29	---	---	---	3710	3550	3620	3680	3570	3620	---	---	---
30	---	---	---	3730	3580	3650	3680	3520	3600	---	---	---
31	3390	3290	3340	---	---	---	3660	3500	3590	---	---	---
MONTH	3390	3290	3340	3730	3270	3500	3730	3500	3630	3700	3530	3620
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	3740	3620	3680	3830	3710	3780	4090	3970	4030
2	---	---	---	3750	3640	3690	3840	3720	3790	4090	3970	4030
3	---	---	---	3760	3640	3690	3830	3740	3790	4080	3980	4030
4	---	---	---	3760	3680	3720	---	---	---	4090	3980	4030
5	---	---	---	3770	3670	3720	---	---	---	4080	3990	4030
6	---	---	---	3760	3670	3700	---	---	---	4080	4000	4040
7	---	---	---	3740	3660	3690	---	---	---	4080	3990	4040
8	---	---	---	3740	3660	3700	4000	3930	3960	4080	3990	4030
9	---	---	---	3750	3690	3720	4000	3930	3960	4090	3980	4040
10	---	---	---	3770	3690	3730	4000	3920	3960	4100	3980	4040
11	---	---	---	3770	3690	3730	4000	3920	3960	4110	3970	4030
12	---	---	---	3770	3670	3720	4010	3920	3960	4110	3970	4030
13	---	---	---	3760	3690	3720	4020	3910	3960	4110	3960	4040
14	---	---	---	3780	3660	3720	---	---	---	4120	3970	4040
15	---	---	---	3780	3670	3730	---	---	---	---	---	---
16	3750	3650	3710	3780	3680	3730	---	---	---	---	---	---
17	3770	3650	3710	3790	3690	3740	4140	3950	4070	---	---	---
18	3750	3630	3690	3790	3670	3730	4090	3960	4020	---	---	---
19	3730	3630	3680	3790	3670	3740	4090	3960	4010	---	---	---
20	3720	3630	3680	3790	3680	3740	4090	3970	4020	---	---	---
21	3730	3640	3680	3790	3690	3750	4080	3980	4030	---	---	---
22	3720	3640	3680	3780	3700	3750	4090	3970	4030	---	---	---
23	3730	3640	3680	3790	3700	3760	4090	3980	4030	---	---	---
24	3740	3660	3700	3790	3710	3760	4100	3960	4020	---	---	---
25	3740	3650	3690	3830	3710	3760	4070	3970	4020	3870	3750	3810
26	3740	3640	3690	3870	3710	3760	4080	3970	4030	3870	3760	3810
27	3760	3640	3700	3830	3710	3760	4100	3970	4030	3870	3750	3810
28	3760	3630	3700	3850	3680	3770	4100	3970	4030	3880	3760	3810
29	---	---	---	3830	3700	3770	4100	3980	4030	3880	3760	3820
30	---	---	---	3830	3700	3770	4090	3970	4030	3880	3760	3810
31	---	---	---	3830	3710	3770	---	---	---	3880	3770	3810
MONTH	3770	3630	3690	3870	3620	3730	4140	3710	3980	4120	3750	3960

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 1990 TO SEPTEMBER 1991--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	8640	8430	8520	9160	8910	9060	9550	9370	9460
2	---	---	---	8650	8440	8540	9150	8920	9060	9540	9350	9460
3	---	---	---	8660	8450	8560	9150	8940	9060	---	---	---
4	---	---	---	8680	8460	8570	9160	8950	9060	---	---	---
5	---	---	---	8690	8470	8570	9140	8930	9030	---	---	---
6	---	---	---	8660	8470	8570	9130	8930	9040	---	---	---
7	---	---	---	8670	8470	8570	9140	8980	9070	---	---	---
8	---	---	---	8640	8480	8570	9140	8970	9060	---	---	---
9	---	---	---	8650	8480	8580	9110	8930	9050	---	---	---
10	---	---	---	8650	8460	8590	9130	8950	9050	9200	8910	9070
11	---	---	---	8850	8500	8630	9120	8960	9040	9260	9030	9150
12	---	---	---	8910	8770	8840	9410	8980	9130	9250	9060	9140
13	---	---	---	8920	8740	8850	9500	9260	9400	9230	9040	9140
14	---	---	---	8970	8740	8860	9500	9350	9420	9230	9030	9140
15	---	---	---	9010	8810	8920	9510	9350	9430	9250	9050	9160
16	---	---	---	9030	8810	8930	9540	9360	9450	9290	9000	9170
17	---	---	---	9030	8850	8940	9530	9370	9450	9280	9050	9170
18	---	---	---	9040	8850	8940	9540	9390	9460	9270	9050	9160
19	---	---	---	9050	8830	8940	9540	9400	9470	9270	9000	9150
20	---	---	---	9140	8890	9000	9530	9380	9450	9260	9040	9160
21	---	---	---	9130	8920	9020	9530	9390	9450	9260	9050	9160
22	---	---	---	9150	8930	9030	9550	9400	9470	9270	9050	9150
23	---	---	---	9150	8970	9050	9560	9410	9480	---	---	---
24	---	---	---	9140	8950	9060	9530	9380	9470	---	---	---
25	---	---	---	9160	8940	9050	9510	9370	9440	---	---	---
26	---	---	---	9190	8950	9070	9510	9380	9450	---	---	---
27	---	---	---	9260	8970	9080	9510	9380	9450	---	---	---
28	---	---	---	9250	8980	9130	9520	9370	9450	---	---	---
29	---	---	---	9190	9010	9110	9550	9380	9460	---	---	---
30	---	---	---	9160	8960	9070	9580	9370	9480	---	---	---
31	8610	8410	8510	---	---	---	9580	9400	9490	---	---	---
MONTH	8610	8410	8510	9260	8430	8840	9580	8910	9300	9550	8910	9190
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	9410	9180	9290	9410	9190	9300	8800	8760	8770
2	---	---	---	9390	9190	9290	9420	9200	9300	8780	8750	8770
3	---	---	---	9370	9180	9290	9410	9210	9300	8780	8750	8770
4	---	---	---	9360	9190	9270	---	---	---	8780	8760	8770
5	---	---	---	9370	9180	9270	---	---	---	8790	8760	8770
6	---	---	---	9380	9200	9290	---	---	---	8790	8750	8770
7	---	---	---	9400	9240	9310	---	---	---	8780	8750	8770
8	---	---	---	9350	9220	9280	8600	8560	8580	8790	8760	8770
9	---	---	---	9330	9200	9260	8620	8550	8580	8790	8750	8770
10	---	---	---	9320	9210	9260	8640	8550	8590	8780	8760	8770
11	---	---	---	9330	9200	9260	8640	8540	8590	8790	8760	8770
12	---	---	---	9360	9190	9280	8670	8540	8600	8800	8760	8780
13	---	---	---	9370	9210	9290	8680	8540	8610	8800	8760	8780
14	---	---	---	9390	9210	9300	---	---	---	8790	8770	8780
15	9300	9110	9210	9370	9170	9280	---	---	---	---	---	---
16	9300	9110	9210	9370	9200	9280	---	---	---	---	---	---
17	9340	9140	9240	9370	9190	9280	---	---	---	---	---	---
18	9380	9180	9270	9410	9210	9300	---	---	---	---	---	---
19	9420	9220	9310	9420	9190	9300	8720	8660	8700	---	---	---
20	9440	9240	9330	9430	9190	9290	8730	8690	8710	---	---	---
21	9430	9240	9330	9430	9200	9310	8770	8710	8730	---	---	---
22	9410	9240	9330	9430	9220	9320	8750	8710	8740	---	---	---
23	9380	9230	9300	9410	9230	9330	8760	8730	8740	---	---	---
24	9360	9200	9280	9410	9250	9330	8760	8730	8740	---	---	---
25	9380	9190	9290	9370	9220	9300	8760	8730	8740	7810	7790	7800
26	9370	9200	9290	9390	9200	9300	8770	8720	8750	7810	7780	7790
27	9370	9180	9270	9400	9220	9310	8770	8740	8750	7800	7770	7790
28	9400	9160	9280	9410	9220	9320	8780	8740	8760	7800	7770	7790
29	---	---	---	9420	9220	9320	8780	8750	8770	7800	7770	7790
30	---	---	---	9400	9200	9300	8790	8750	8770	7800	7770	7790
31	---	---	---	9380	9210	9290	---	---	---	7790	7750	7780
MONTH	9440	9110	9280	9430	9170	9290	9420	8540	8780	8800	7750	8440

GROUND-WATER LEVELS

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.--Water-stage recorder--60 minute punch interval.

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.

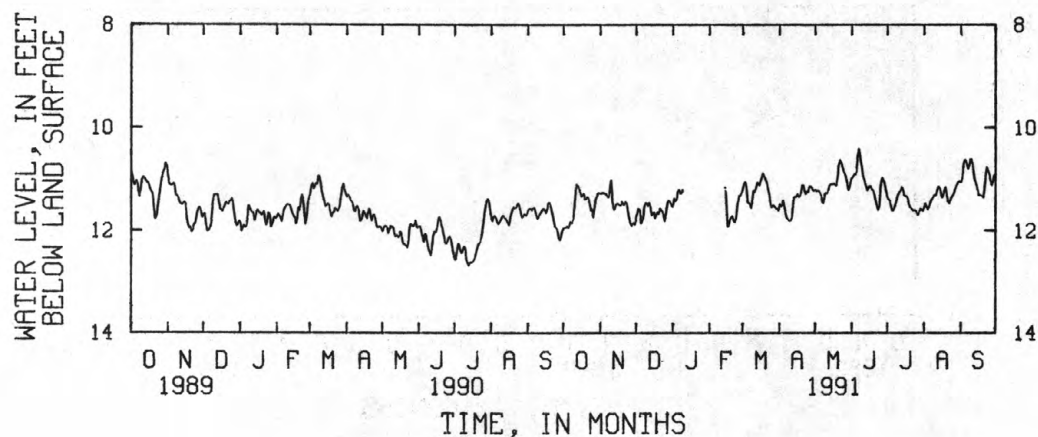
REMARKS.--Water level affected by tidal fluctuations.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.96	11.29	11.72	11.54	---	11.19	11.49	11.20	10.98	11.36	11.55	11.06
2	11.94	11.28	11.66	11.38	---	11.09	11.52	11.24	10.96	11.40	11.47	11.06
3	11.94	11.26	11.58	11.42	---	11.05	11.52	11.23	10.90	11.41	11.54	10.72
4	11.91	11.27	11.60	11.41	---	11.16	11.42	11.23	10.92	11.53	11.59	10.63
5	11.95	11.30	11.86	11.25	---	11.45	11.52	11.26	10.87	11.61	11.54	10.63
6	11.88	11.28	11.84	11.20	---	11.46	11.68	11.30	10.53	11.62	11.47	10.71
7	11.83	11.34	11.71	11.27	---	11.49	11.76	11.44	10.41	11.56	11.40	10.80
8	11.86	11.36	11.52	11.28	---	11.57	11.78	11.47	10.53	11.46	11.37	10.74
9	11.81	11.17	11.46	11.21	---	11.36	11.81	11.30	10.70	11.38	11.33	10.62
10	11.56	11.03	11.47	---	---	11.23	11.81	11.27	10.88	11.30	11.31	10.61
11	11.30	11.46	11.52	---	---	11.25	11.79	11.29	10.98	11.25	11.32	10.73
12	11.10	11.59	11.46	---	---	11.18	11.57	11.20	11.04	11.24	11.20	10.91
13	11.12	11.59	11.53	---	---	11.07	11.36	11.13	11.15	11.16	11.15	11.05
14	11.19	11.50	11.71	---	11.16	11.09	11.34	11.10	11.22	11.18	11.16	11.11
15	11.25	11.47	11.67	---	11.41	11.12	11.35	11.09	11.18	11.30	11.26	11.24
16	11.34	11.48	11.65	---	11.92	11.03	11.29	11.10	11.14	11.34	11.36	11.31
17	11.32	11.51	11.76	---	11.92	10.96	11.34	11.08	11.14	11.33	11.34	11.31
18	11.28	11.51	11.68	---	11.79	10.89	11.34	11.11	11.20	11.37	11.22	11.32
19	11.39	11.44	11.64	---	11.74	10.94	11.26	11.13	11.23	11.47	11.16	11.34
20	11.39	11.49	11.68	---	11.72	11.01	11.12	10.93	11.29	11.55	11.29	11.36
21	11.35	11.50	11.57	---	11.80	11.05	11.11	10.71	11.41	11.57	11.43	11.16
22	11.38	11.44	11.60	---	11.84	11.15	11.24	10.63	11.52	11.60	11.48	10.88
23	11.50	11.46	11.63	---	11.77	11.28	11.29	10.68	11.60	11.62	11.41	10.77
24	11.61	11.63	11.70	---	11.55	11.44	11.24	10.75	11.56	11.61	11.36	10.83
25	11.59	11.76	11.82	---	11.42	11.55	11.26	10.86	11.20	11.62	11.33	10.90
26	11.75	11.86	11.67	---	11.33	11.52	11.15	10.91	11.00	11.69	11.28	11.05
27	11.58	11.91	11.51	---	11.32	11.52	11.14	10.98	10.97	11.70	11.19	11.13
28	11.39	11.87	11.42	---	11.25	11.54	11.15	11.10	11.04	11.62	11.14	11.04
29	11.33	11.85	11.42	---	---	11.58	11.21	11.22	11.14	11.58	11.09	10.93
30	11.28	11.89	11.46	---	---	11.57	11.23	11.16	11.25	11.60	11.05	10.98
31	11.26	---	11.52	---	---	11.62	---	11.03	---	11.62	11.04	---
MEAN	11.53	11.49	11.61	---	---	11.27	11.40	11.10	11.06	11.47	11.32	10.96
MAX	11.96	11.91	11.86	---	---	11.62	11.81	11.47	11.60	11.70	11.59	11.36
MIN	11.10	11.03	11.42	---	---	10.89	11.11	10.63	10.41	11.16	11.04	10.61



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.--Surficial Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 30 ft, cased to 21 ft, screened interval from 21 to 30 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

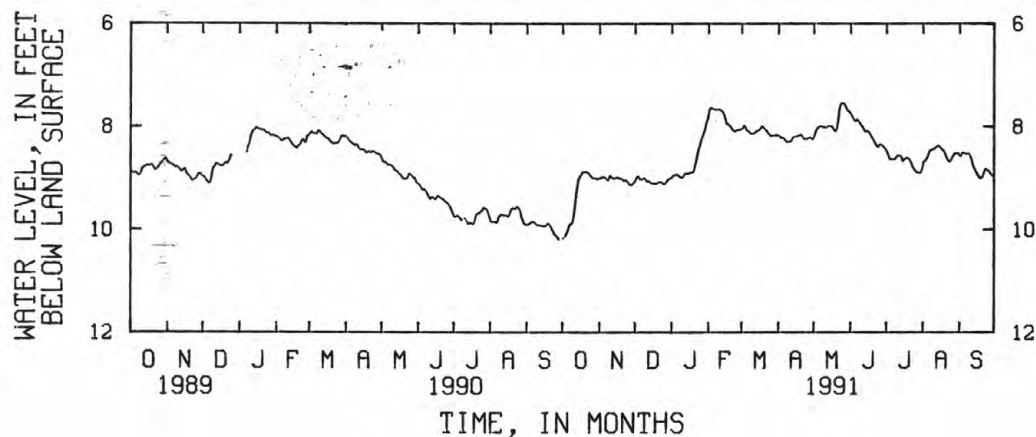
DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.18	9.02	9.06	9.00	7.77	8.05	8.17	8.21	7.76	8.47	8.75	8.57
2	10.16	9.01	9.02	8.95	7.66	8.01	8.20	8.15	7.80	8.53	8.69	8.58
3	10.14	8.99	8.98	8.95	7.64	7.98	8.22	8.08	7.83	8.58	8.66	8.52
4	10.10	8.99	8.98	8.95	7.64	8.01	8.22	8.03	7.88	8.64	8.62	8.51
5	10.04	8.99	9.02	8.94	7.66	8.07	8.23	8.01	7.90	8.64	8.58	8.51
6	9.97	9.00	9.03	8.94	7.67	8.08	8.25	8.00	7.87	8.64	8.52	8.52
7	9.91	9.02	9.03	8.97	7.67	8.10	8.28	7.99	7.88	8.64	8.48	8.54
8	9.89	9.05	9.02	8.98	7.67	8.13	8.30	8.00	7.91	8.64	8.46	8.53
9	9.88	9.02	9.01	8.99	7.67	8.14	8.30	8.01	7.95	8.62	8.44	8.53
10	9.79	8.96	9.04	8.99	7.67	8.14	8.30	8.01	7.99	8.58	8.44	8.57
11	9.64	8.99	9.07	8.97	7.67	8.14	8.30	8.02	8.02	8.57	8.43	8.65
12	9.43	9.00	9.07	8.93	7.70	8.13	8.28	8.01	8.05	8.58	8.40	8.73
13	9.22	9.02	9.07	8.92	7.71	8.10	8.23	7.99	8.09	8.57	8.39	8.80
14	9.07	9.01	9.10	8.92	7.77	8.09	8.21	7.99	8.10	8.62	8.37	8.84
15	9.00	9.00	9.11	8.92	7.87	8.08	8.21	7.99	8.09	8.68	8.39	8.90
16	8.96	9.00	9.11	8.91	7.94	8.06	8.20	7.99	8.11	8.65	8.42	8.94
17	8.92	9.00	9.11	8.90	7.95	8.03	8.20	8.02	8.14	8.63	8.44	8.97
18	8.89	9.02	9.11	8.90	7.97	8.00	8.17	8.06	8.19	8.61	8.46	9.00
19	8.89	9.01	9.12	8.90	7.99	8.01	8.18	8.09	8.23	8.62	8.50	9.01
20	8.89	9.03	9.11	8.81	8.02	8.04	8.16	8.06	8.26	8.63	8.54	9.00
21	8.88	9.05	9.09	8.73	8.06	8.06	8.17	7.97	8.31	8.67	8.60	8.95
22	8.89	9.05	9.09	8.63	8.08	8.10	8.23	7.73	8.34	8.72	8.66	8.87
23	8.91	9.05	9.09	8.50	8.10	8.12	8.25	7.60	8.38	8.78	8.68	8.83
24	8.95	9.06	9.10	8.42	8.09	8.15	8.24	7.55	8.40	8.82	8.69	8.84
25	8.97	9.10	9.12	8.32	8.07	8.18	8.25	7.55	8.36	8.86	8.64	8.85
26	9.00	9.13	9.12	8.25	8.06	8.19	8.23	7.55	8.35	8.88	8.60	8.87
27	9.01	9.14	9.10	8.20	8.07	8.18	8.22	7.58	8.36	8.90	8.56	8.92
28	9.01	9.14	9.07	8.12	8.06	8.18	8.22	7.63	8.39	8.90	8.53	8.95
29	9.01	9.12	9.04	8.06	---	8.18	8.24	7.68	8.41	8.91	8.52	8.96
30	9.03	9.10	9.02	7.94	---	8.16	8.25	7.70	8.43	8.91	8.53	8.97
31	9.02	---	9.01	7.88	---	8.19	---	7.72	---	8.84	8.52	---
MEAN	9.34	9.04	9.07	8.70	7.85	8.10	8.23	7.90	8.13	8.69	8.53	8.77
MAX	10.18	9.14	9.12	9.00	8.10	8.19	8.30	8.21	8.43	8.91	8.75	9.01
MIN	8.88	8.96	8.98	7.88	7.64	7.98	8.16	7.55	7.76	8.47	8.37	8.51



GROUND-WATER LEVELS

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 Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 210 ft, cased to 120 ft, open hole from 120 to 210 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

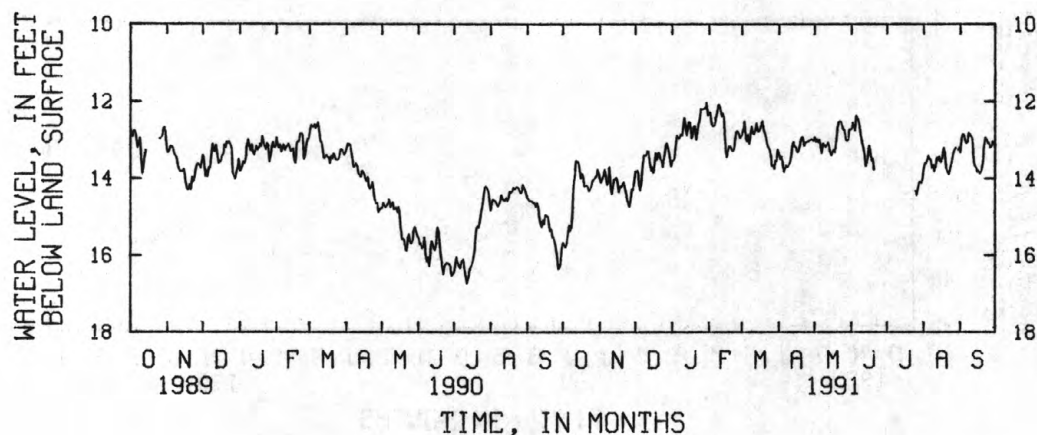
REMARKS.--Water level affected by pumping.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.67	14.03	13.81	13.54	12.32	12.83	13.36	12.92	12.72	---	13.74	13.33
2	15.73	14.11	13.82	13.52	12.28	12.72	13.49	13.05	12.55	---	13.60	12.94
3	15.78	14.00	13.79	13.42	12.55	12.51	13.43	12.99	12.62	---	13.61	12.85
4	15.70	13.91	14.16	13.14	12.64	12.97	13.55	13.06	12.76	---	13.50	12.85
5	15.49	13.77	14.31	12.88	12.64	13.04	13.83	13.00	12.37	---	13.41	13.02
6	15.22	13.88	14.09	12.95	12.60	12.87	13.76	13.16	12.42	---	13.49	13.08
7	15.35	14.16	13.71	12.96	12.40	13.10	13.67	13.34	12.50	---	13.52	13.07
8	15.29	14.14	13.40	12.86	12.28	12.90	13.71	13.09	12.65	---	13.73	12.81
9	14.83	13.71	13.41	12.88	12.08	12.65	13.68	13.10	12.90	---	13.65	12.85
10	14.15	14.19	13.40	12.76	12.10	12.82	13.59	13.17	13.05	---	13.81	12.91
11	13.90	14.40	13.29	12.42	12.28	12.85	13.49	13.15	13.22	---	13.71	12.98
12	13.54	14.19	13.30	12.57	12.38	12.77	13.19	13.06	13.34	---	13.46	13.49
13	13.57	14.01	13.56	12.88	12.31	12.56	13.05	13.14	13.68	---	13.52	13.66
14	13.56	14.02	13.80	12.74	12.52	12.76	13.15	13.31	13.59	---	13.43	13.72
15	13.80	13.97	13.71	12.54	13.27	12.78	13.18	13.40	13.39	---	13.56	13.82
16	14.00	14.14	13.85	12.54	13.45	12.73	13.30	13.31	13.14	---	13.58	13.79
17	13.88	14.36	13.68	12.96	13.25	12.63	13.32	13.26	13.33	---	13.39	13.87
18	13.93	14.20	13.34	12.93	13.17	12.50	13.22	13.32	13.54	---	13.20	13.85
19	14.20	14.22	13.52	12.66	13.15	12.73	13.06	13.10	13.49	---	13.37	13.74
20	14.21	14.15	13.35	12.63	13.25	12.81	12.94	12.78	13.76	---	13.74	13.60
21	14.17	14.10	13.33	12.99	13.29	12.95	12.90	12.54	---	---	13.81	13.09
22	14.25	14.24	13.49	12.78	13.24	13.11	13.15	12.50	---	---	13.89	12.94
23	14.32	14.36	13.52	12.58	12.95	13.18	13.06	12.52	---	---	13.79	12.97
24	14.25	14.58	13.71	12.47	12.80	13.26	13.06	12.60	---	---	13.68	13.08
25	14.19	14.67	13.44	12.20	12.76	13.40	13.03	12.72	---	14.32	13.51	13.08
26	14.05	14.74	13.23	12.20	12.81	13.67	13.03	12.74	---	14.44	13.34	13.20
27	14.02	14.51	13.08	12.19	12.94	13.66	13.00	12.98	---	14.25	13.25	13.18
28	13.98	14.28	13.14	12.17	12.93	13.75	12.99	13.03	---	14.11	13.20	13.04
29	13.94	14.30	13.27	12.18	---	13.53	12.99	13.02	---	14.07	---	13.07
30	13.78	14.04	13.45	12.03	---	13.55	13.03	12.73	---	14.12	13.25	13.19
31	13.85	---	13.69	12.36	---	13.25	---	12.72	---	13.99	13.18	---
MEAN	14.41	14.18	13.57	12.71	12.74	12.99	13.27	12.99	---	---	13.53	13.24
MAX	15.78	14.74	14.31	13.54	13.45	13.75	13.83	13.40	---	---	13.89	13.87
MIN	13.54	13.71	13.08	12.03	12.08	12.50	12.90	12.50	---	---	13.18	12.81



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.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Edge of shelter, 1.0 ft above land-surface datum.

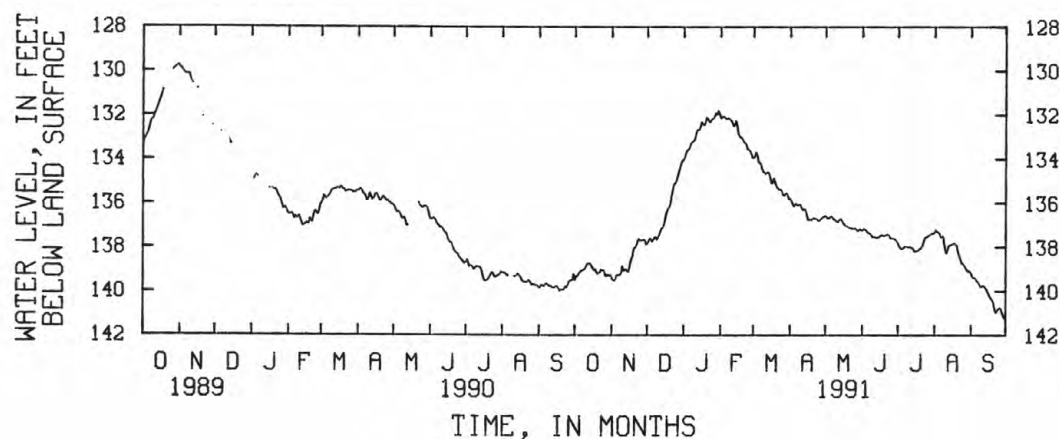
REMARKS.--Geophysical logs available in District files.

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, 141.22 ft below land-surface datum, Sept. 29, 30, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	139.49	139.43	137.84	134.03	132.13	133.96	135.81	136.57	137.24	137.83	137.32	139.21
2	139.35	139.49	137.74	133.83	132.11	133.86	135.91	136.63	137.17	137.97	137.20	139.35
3	139.31	139.53	137.63	133.67	132.08	133.70	136.03	136.69	137.18	138.01	137.30	139.38
4	139.24	139.47	137.59	133.59	132.07	133.80	136.12	136.67	137.21	138.07	137.31	139.39
5	139.15	139.29	137.73	133.56	132.12	134.10	136.06	136.64	137.31	138.04	137.37	139.46
6	139.09	139.26	137.67	133.45	132.18	134.17	136.02	136.60	137.35	138.01	137.53	139.55
7	139.07	139.27	137.59	133.28	132.16	134.20	136.08	136.67	137.36	137.98	137.54	139.60
8	139.03	139.25	137.53	133.22	132.16	134.44	136.10	136.74	137.42	137.96	137.49	139.69
9	139.00	139.16	137.62	133.18	132.22	134.57	136.06	136.74	137.50	137.98	137.75	139.79
10	138.91	138.87	137.59	133.13	132.25	134.61	136.08	136.82	137.53	138.00	138.15	139.79
11	138.82	139.06	137.47	132.93	132.34	134.67	136.23	136.85	137.53	137.99	138.28	139.76
12	138.75	139.01	137.33	132.68	132.49	134.63	136.31	136.81	137.55	138.01	138.07	139.77
13	138.72	138.99	137.18	132.67	132.43	134.60	136.28	136.75	137.56	138.02	137.95	139.85
14	138.77	139.09	137.12	132.64	132.26	134.64	136.29	136.72	137.56	138.12	137.90	139.93
15	138.85	139.11	137.00	132.52	132.48	134.86	136.52	136.83	137.54	138.18	137.87	140.03
16	138.97	138.91	136.75	132.31	132.87	135.08	136.73	136.92	137.49	138.20	137.86	140.17
17	139.03	138.65	136.57	132.40	132.97	135.09	136.76	136.97	137.45	138.17	137.84	140.28
18	139.00	138.49	136.30	132.44	133.00	134.87	136.74	137.02	137.45	138.14	137.81	140.35
19	139.09	138.19	136.22	132.36	133.06	134.98	136.76	137.05	137.49	138.12	137.87	140.41
20	139.20	138.04	136.15	132.11	133.16	135.21	136.73	137.09	137.47	138.07	137.94	140.64
21	139.19	138.00	135.86	132.14	133.26	135.30	136.66	137.12	137.46	137.99	138.25	140.87
22	139.15	137.90	135.59	132.27	133.27	135.35	136.69	137.13	137.41	137.88	138.39	140.98
23	139.02	137.71	135.31	132.32	133.40	135.39	136.71	137.14	137.43	137.71	138.58	140.86
24	139.05	137.63	135.12	132.24	133.56	135.39	136.72	137.14	137.53	137.56	138.72	140.82
25	139.03	137.68	135.11	132.17	133.58	135.46	136.81	137.16	137.59	137.53	138.75	140.75
26	139.14	137.68	134.93	132.14	133.64	135.61	136.78	137.15	137.60	137.51	138.83	140.79
27	139.31	137.68	134.73	132.04	133.81	135.66	136.73	137.19	137.61	137.46	138.91	140.95
28	139.29	137.67	134.52	131.91	133.92	135.58	136.65	137.25	137.62	137.43	139.00	141.12
29	139.24	137.67	134.35	131.97	---	135.55	136.64	137.21	137.66	137.41	139.07	141.22
30	139.31	137.86	134.16	131.82	---	135.64	136.62	137.19	137.74	137.37	139.07	141.22
31	139.26	---	134.03	131.89	---	135.81	---	137.22	---	137.36	139.12	---
MEAN	139.09	138.60	136.40	132.67	132.75	134.86	136.42	136.93	137.47	137.87	138.10	140.20
MAX	139.49	139.53	137.84	134.03	133.92	135.81	136.81	137.25	137.74	138.20	139.12	141.22
MIN	138.72	137.63	134.03	131.82	132.07	133.70	135.81	136.57	137.17	137.36	137.20	139.21



GROUND-WATER LEVELS

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.--Water-stage recorder--60 minute punch interval.

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.

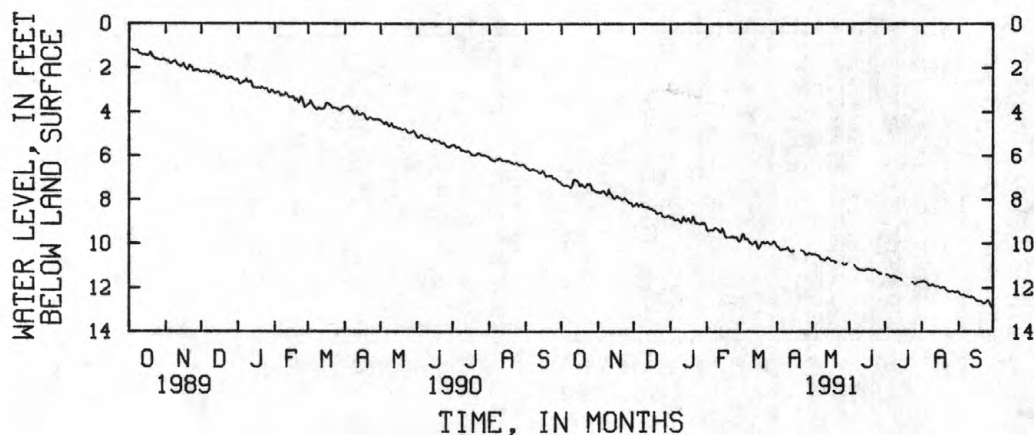
REMARKS.--Flowing well in 1982. Geophysical logs available in District files.

PERIOD OF RECORDS.--September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.03 ft below land-surface datum, Sept. 15, 1989; lowest 12.87 ft below land-surface datum, Sept. 29, 30, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.28	7.65	8.30	8.84	9.39	9.87	10.12	10.47	---	---	11.73	12.20
2	7.32	7.68	8.26	8.81	9.42	9.74	10.15	10.49	---	11.39	11.68	12.29
3	7.37	7.69	8.20	8.83	9.40	9.59	10.24	10.48	---	11.40	11.70	12.31
4	7.37	7.66	8.17	8.90	9.39	9.59	10.27	10.51	---	11.43	11.72	12.31
5	7.36	7.59	8.30	8.94	9.39	9.77	10.27	10.53	10.96	11.46	11.76	12.30
6	7.37	7.63	8.27	8.93	9.40	9.79	10.25	10.54	11.04	11.51	11.83	12.34
7	7.39	7.72	8.24	8.89	9.33	9.78	10.25	10.62	11.10	11.48	11.89	12.38
8	7.42	7.79	8.22	8.95	9.29	9.86	10.25	10.69	11.13	11.46	11.90	12.39
9	7.46	7.74	8.33	9.00	9.31	9.94	10.21	10.70	11.17	11.48	11.88	12.41
10	7.36	7.54	8.32	9.04	9.34	9.97	10.17	10.73	11.19	11.50	11.85	12.42
11	7.17	7.73	8.34	8.92	9.40	10.04	10.26	10.75	11.19	11.52	11.90	12.42
12	7.08	7.76	8.36	8.80	9.49	10.02	10.34	10.72	11.19	11.55	11.93	12.40
13	7.09	7.83	8.34	8.89	9.44	9.94	10.37	10.66	11.20	11.58	11.94	12.43
14	7.15	7.93	8.40	8.99	9.30	9.90	10.36	10.63	11.21	11.58	11.93	12.46
15	7.16	7.95	8.43	8.95	9.42	10.06	10.32	10.66	11.18	11.65	11.94	12.52
16	7.34	7.90	8.40	8.84	9.65	10.20	---	10.74	11.17	---	11.99	12.57
17	7.38	7.84	8.50	8.95	9.70	10.21	---	10.77	11.16	---	12.00	12.59
18	7.30	7.90	8.49	9.03	9.70	10.08	---	10.77	11.17	---	11.98	12.60
19	7.35	7.92	8.51	8.97	9.71	9.96	---	10.80	11.19	---	11.97	12.60
20	7.41	7.96	8.62	8.77	9.71	9.93	---	10.82	11.20	---	11.98	12.62
21	7.45	8.01	8.64	8.86	9.71	9.96	10.30	10.83	11.20	---	12.06	12.66
22	7.39	8.00	8.64	9.01	9.69	9.97	10.30	---	11.19	---	12.11	12.71
23	7.28	7.93	8.61	9.08	9.68	9.96	10.32	---	11.20	---	12.16	12.71
24	7.32	7.96	8.61	9.07	9.74	9.93	10.38	---	11.27	11.72	12.17	12.68
25	7.27	8.03	8.73	9.09	9.72	9.99	10.48	---	11.31	11.76	12.17	12.59
26	7.38	8.09	8.78	9.12	9.70	10.03	10.49	10.88	11.34	11.82	12.15	12.58
27	7.56	8.14	8.81	9.11	9.82	10.03	10.48	10.92	11.35	11.82	12.15	12.68
28	7.56	8.14	8.79	9.06	9.88	10.00	10.42	10.95	11.36	11.77	12.17	12.80
29	7.59	8.15	8.79	9.12	---	9.91	10.44	10.93	---	11.74	12.20	12.87
30	7.64	8.29	8.74	9.06	---	9.92	10.47	10.90	---	11.74	12.19	12.87
31	7.64	---	8.75	9.15	---	10.03	---	---	---	11.72	12.17	---
MEAN	7.36	7.87	8.48	8.97	9.54	9.93	10.32	10.71	---	---	11.97	12.52
MAX	7.64	8.29	8.81	9.15	9.88	10.21	10.49	10.95	---	---	12.20	12.87
MIN	7.08	7.54	8.17	8.77	9.29	9.59	10.12	10.47	---	---	11.68	12.20



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 ft, cased to 1887 ft, open hole from 1887 to 2007 ft.

INSTRUMENTATION.--Data collection platform and water-stage recorder--60 minute collection and punch interval.

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.

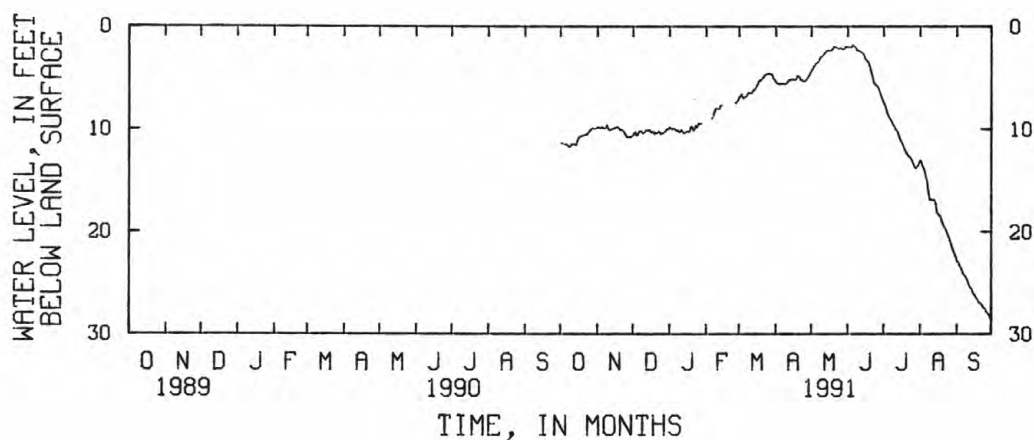
REMARKS.--Geophysical logs available in District files. Well logged to 1866 ft Jan 1990.

PERIOD OF RECORDS.--April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.81 ft below land-surface datum, June 5, 1991; lowest 28.54 ft below land-surface datum, Sept. 30, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	9.84	10.57	9.82	---	6.92	5.36	4.31	2.00	7.44	13.08	22.87
2	11.40	9.81	10.45	9.94	---	6.78	5.54	4.15	1.98	7.67	13.22	22.95
3	11.47	9.84	10.31	10.00	---	6.57	5.57	3.93	2.01	8.00	13.60	23.25
4	11.48	9.86	10.61	9.91	---	6.95	5.57	3.80	2.02	8.40	13.89	23.49
5	11.54	9.78	10.52	9.94	---	7.03	5.61	3.59	1.81	8.69	14.25	23.73
6	11.48	9.93	10.25	10.08	8.96	6.86	5.55	3.55	1.88	8.93	14.73	24.00
7	11.63	9.92	10.20	10.12	8.61	6.83	5.56	3.46	1.99	9.11	15.22	24.20
8	11.73	9.89	10.18	10.11	8.32	6.59	5.61	3.19	2.13	9.32	16.32	24.31
9	11.75	9.58	10.37	10.28	8.02	6.42	5.60	3.02	2.31	9.55	16.90	24.53
10	11.46	9.95	10.40	10.29	7.97	6.48	5.57	2.95	2.38	9.73	16.90	24.83
11	11.54	10.11	10.23	10.07	8.02	6.49	5.42	2.78	2.40	10.04	16.90	25.11
12	11.41	10.09	10.08	10.23	8.01	6.40	5.23	2.62	2.48	10.07	16.90	25.36
13	11.50	9.97	10.12	10.39	7.74	6.23	5.17	2.51	2.58	10.32	16.90	25.50
14	11.60	9.97	10.11	10.36	7.65	6.14	5.22	2.37	2.66	10.70	17.33	25.80
15	11.20	9.95	10.07	10.28	---	5.95	5.10	2.35	3.00	11.03	18.10	26.08
16	10.85	9.85	10.32	10.21	---	5.79	5.19	2.33	3.22	11.24	18.30	26.17
17	10.74	9.85	10.31	10.33	---	5.55	5.20	2.30	3.33	11.47	18.39	26.36
18	10.69	9.78	10.27	10.17	---	5.29	5.10	2.36	3.50	11.76	18.51	26.54
19	10.67	9.92	10.49	9.81	---	5.25	4.83	2.20	3.78	12.05	18.87	26.78
20	10.59	10.06	10.33	9.77	---	5.12	4.85	2.01	4.22	12.28	19.21	26.95
21	10.57	10.06	10.36	10.13	---	4.98	4.92	1.97	4.65	12.50	19.51	26.94
22	10.56	10.09	10.28	10.06	---	4.84	5.17	2.00	5.08	12.67	19.68	27.11
23	10.52	10.22	10.22	9.70	---	4.71	5.22	2.05	5.55	12.77	19.90	27.32
24	10.34	10.42	10.43	9.84	---	4.65	5.33	2.12	5.61	12.86	20.24	27.44
25	10.25	10.63	10.42	9.55	---	4.60	5.32	2.14	5.74	13.10	20.52	27.58
26	10.13	10.79	10.43	9.43	7.46	4.63	5.26	2.10	5.90	13.39	20.84	27.81
27	9.97	10.81	10.28	9.47	7.35	4.55	5.15	2.19	6.11	13.66	21.19	27.96
28	9.92	10.75	10.25	9.45	7.19	4.71	4.98	2.24	6.49	13.83	21.56	28.11
29	9.93	10.79	10.10	---	---	4.65	4.79	2.17	6.80	13.75	21.86	28.36
30	9.94	10.68	9.96	---	---	5.06	4.55	1.96	7.11	13.56	22.16	28.54
31	9.90	---	9.99	---	---	5.14	---	1.97	---	13.29	22.46	---
MEAN	10.89	10.11	10.29	9.99	---	5.75	5.25	2.67	3.69	11.07	17.98	25.87
MAX	11.75	10.81	10.61	10.39	---	7.03	5.61	4.31	7.11	13.83	22.46	28.54
MIN	9.90	9.58	9.96	9.43	---	4.55	4.55	1.96	1.81	7.44	13.08	22.87



GROUND-WATER LEVELS

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 Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole. Casing interval unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

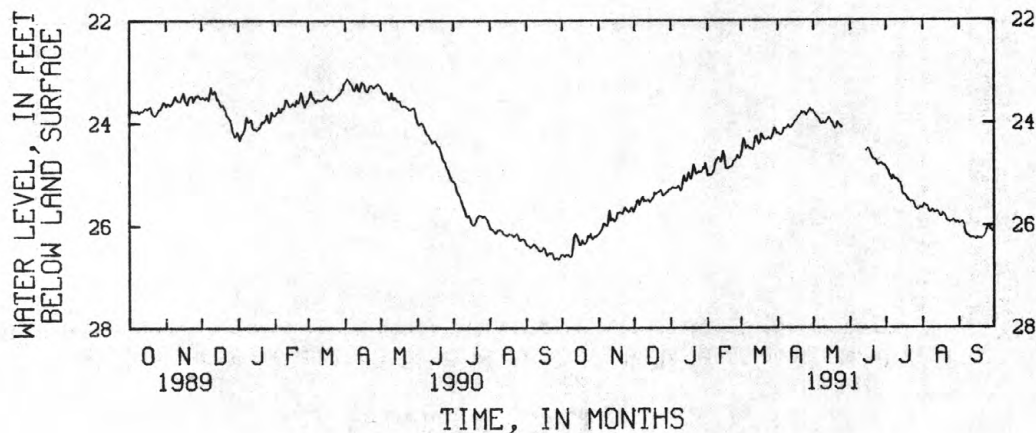
REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.56	26.15	25.67	25.29	25.03	24.62	24.20	23.76	---	24.87	25.64	25.96
2	26.57	26.12	25.63	25.25	25.00	24.48	24.21	23.82	---	24.90	25.59	25.95
3	26.60	26.09	25.53	25.26	25.02	24.30	24.24	23.86	---	24.94	25.61	25.94
4	26.56	26.04	25.49	25.26	25.01	24.35	24.23	23.89	---	25.02	25.62	25.92
5	26.57	25.95	25.59	25.26	24.98	24.49	24.19	23.91	---	25.06	25.64	25.98
6	26.56	25.96	25.53	25.26	24.94	24.45	24.11	23.94	---	25.11	25.71	26.12
7	26.59	25.99	25.47	25.22	24.82	24.44	24.11	24.00	---	25.04	25.74	26.18
8	26.60	26.00	25.43	25.25	24.74	24.49	24.10	24.02	---	25.08	25.73	26.20
9	26.58	25.89	25.52	25.31	24.70	24.49	24.07	23.99	---	25.10	25.69	26.20
10	26.38	25.70	25.51	25.30	24.67	24.50	24.04	24.01	---	25.10	25.71	26.23
11	26.23	25.89	25.52	25.13	24.70	24.52	24.09	24.01	---	25.13	25.75	26.24
12	26.15	25.87	25.50	25.03	24.76	24.44	24.09	23.97	---	25.16	25.74	26.24
13	26.18	25.87	25.50	25.12	24.66	24.27	24.05	23.94	---	25.17	25.72	26.24
14	26.24	25.91	25.54	25.14	24.55	24.25	24.02	23.90	24.54	25.25	25.75	26.25
15	26.31	25.90	25.50	25.07	24.65	24.34	23.98	23.93	24.51	25.37	25.79	26.28
16	26.37	25.83	25.48	24.97	24.87	24.41	23.95	23.98	24.50	25.40	25.83	26.24
17	26.36	25.75	25.46	25.07	24.88	24.36	23.94	24.00	24.53	25.41	25.81	26.25
18	26.28	25.74	25.36	25.10	24.88	24.21	23.89	24.06	24.60	25.44	25.76	26.25
19	26.33	25.74	25.38	25.00	24.87	24.24	23.86	24.11	24.66	25.48	25.78	26.25
20	26.35	25.75	25.37	24.81	24.86	24.30	23.83	24.10	24.70	25.51	25.82	26.26
21	26.33	25.76	25.35	24.90	24.85	24.32	23.78	23.99	24.71	25.53	25.89	26.24
22	26.27	25.71	25.34	24.98	24.79	24.32	23.81	24.01	24.71	25.54	25.91	26.20
23	26.20	25.65	25.30	24.99	24.74	24.30	23.80	24.05	24.77	25.53	25.92	26.16
24	26.21	25.67	25.33	24.96	24.73	24.28	23.80	24.07	24.82	25.54	25.94	26.09
25	26.15	25.70	25.40	24.95	24.67	24.31	23.85	24.09	24.81	25.60	25.92	26.00
26	26.23	25.73	25.41	24.96	24.63	24.32	23.81	---	24.81	25.66	25.91	26.02
27	26.26	25.72	25.38	24.94	24.68	24.26	23.77	---	24.78	25.69	25.89	26.07
28	26.21	25.66	25.36	24.87	24.68	24.20	23.72	---	24.82	25.69	25.92	26.10
29	26.21	25.65	25.35	24.90	---	24.10	23.75	---	24.82	25.67	25.95	26.12
30	26.20	25.73	25.30	24.79	---	24.11	23.77	---	24.83	25.65	25.93	26.10
31	26.17	---	25.29	24.89	---	24.20	---	---	---	25.66	25.93	---
MEAN	26.35	25.84	25.44	25.07	24.80	24.34	23.97	---	---	25.33	25.79	26.14
MAX	26.60	26.15	25.67	25.31	25.03	24.62	24.24	---	---	25.69	25.95	26.28
MIN	26.15	25.65	25.29	24.79	24.55	24.10	23.72	---	---	24.87	25.59	25.92



GROUND-WATER LEVELS

439

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.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 14.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

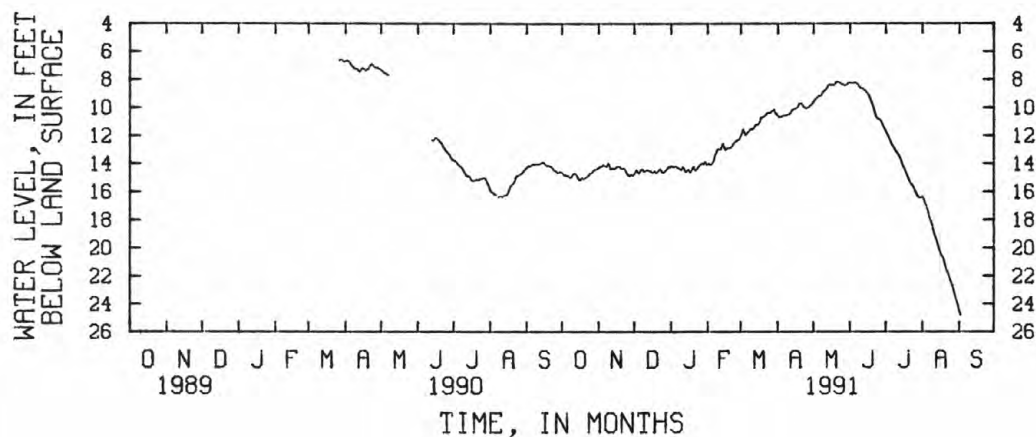
REMARKS.--Obstruction at 1070 ft. Geophysical logs, depth 1070 ft., available in District files.

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

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 6.58 ft below land-surface datum, Mar. 29, 1990; lowest, 24.82 ft below land-surface datum, Sept. 2, 1991.

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	14.67	14.32	14.73	14.20	14.08	12.00	10.56	9.59	8.24	11.70	16.39	24.61
2	14.76	14.26	14.62	14.20	13.99	11.80	10.65	9.52	8.24	11.83	16.50	24.82
3	14.84	14.22	14.47	14.25	14.06	11.56	10.69	9.41	8.25	12.02	16.78	---
4	14.83	14.17	14.63	14.22	14.06	11.79	10.66	9.33	8.26	12.27	16.99	---
5	14.88	14.07	14.71	14.22	13.99	11.97	10.64	9.22	8.20	12.46	17.23	---
6	14.86	14.15	14.55	14.29	13.82	11.84	10.59	9.18	8.24	12.63	17.54	---
7	14.95	14.18	14.45	14.30	13.52	11.78	10.58	9.18	8.30	12.75	17.85	---
8	15.01	14.20	14.41	14.34	13.29	11.69	10.58	9.05	8.39	12.89	18.11	---
9	15.00	13.98	14.56	14.45	13.06	11.56	10.53	8.89	8.54	13.03	18.36	---
10	14.78	14.07	14.56	14.47	12.96	11.53	10.50	8.84	8.62	13.16	18.72	---
11	14.76	14.40	14.52	14.26	12.97	11.55	10.47	8.75	8.65	13.30	19.01	---
12	14.70	14.39	14.46	14.33	12.99	11.45	10.33	8.61	8.69	13.42	19.25	---
13	14.79	14.36	14.50	14.57	12.74	11.27	10.21	8.51	8.77	13.56	19.52	---
14	14.93	14.38	14.57	14.61	12.58	11.23	10.17	8.40	8.83	13.81	19.81	---
15	15.09	14.36	14.53	14.51	12.83	11.23	10.07	8.38	8.98	14.08	20.13	---
16	15.19	14.27	14.65	14.44	13.04	11.18	10.07	8.39	9.10	14.26	20.41	---
17	15.14	14.22	14.64	14.63	12.92	10.99	10.04	8.37	9.21	14.40	20.56	---
18	15.03	14.22	14.53	14.60	12.91	10.72	9.95	8.42	9.37	14.60	20.66	---
19	15.08	14.26	14.68	14.38	12.90	10.71	9.76	8.36	9.58	14.84	20.94	---
20	15.06	14.35	14.63	14.26	12.88	10.66	9.70	8.22	9.86	15.06	21.26	---
21	15.00	14.37	14.58	14.46	12.84	10.59	9.70	8.15	10.13	15.26	21.57	---
22	14.95	14.35	14.50	14.50	12.71	10.51	9.87	8.16	10.38	15.43	21.77	---
23	14.89	14.37	14.42	14.42	12.54	10.42	9.95	8.21	10.68	15.53	21.97	---
24	14.81	14.55	14.56	14.30	12.49	10.38	10.03	8.27	10.78	15.62	22.24	---
25	14.66	14.72	14.63	14.15	12.41	10.38	10.08	8.32	10.81	15.81	22.46	---
26	14.69	14.85	14.63	14.08	12.34	10.36	10.03	8.32	10.87	16.03	22.71	---
27	14.60	14.89	14.52	14.04	12.33	10.25	9.97	8.40	10.98	16.20	22.98	---
28	14.47	14.82	14.46	14.00	12.23	10.25	9.90	8.45	11.18	16.35	23.31	---
29	14.45	14.82	14.38	14.04	---	10.13	9.84	8.40	11.35	16.41	23.62	---
30	14.43	14.85	14.26	13.87	---	10.39	9.74	8.27	11.51	16.43	23.91	---
31	14.37	---	14.28	14.04	---	10.48	---	8.24	---	16.41	24.22	---
MEAN	14.83	14.38	14.54	14.30	13.05	11.05	10.20	8.64	9.43	14.24	20.22	---
MAX	15.19	14.89	14.73	14.63	14.08	12.00	10.69	9.59	11.51	16.43	24.22	---
MIN	14.37	13.98	14.26	13.87	12.23	10.13	9.70	8.15	8.20	11.70	16.39	---



GROUND-WATER LEVELS

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 Formation.

WELL CHARACTERISTICS.--Drilled observation, diameter 4 in, depth 91 ft, cased to 82 ft. Open hole from 82 to 91 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

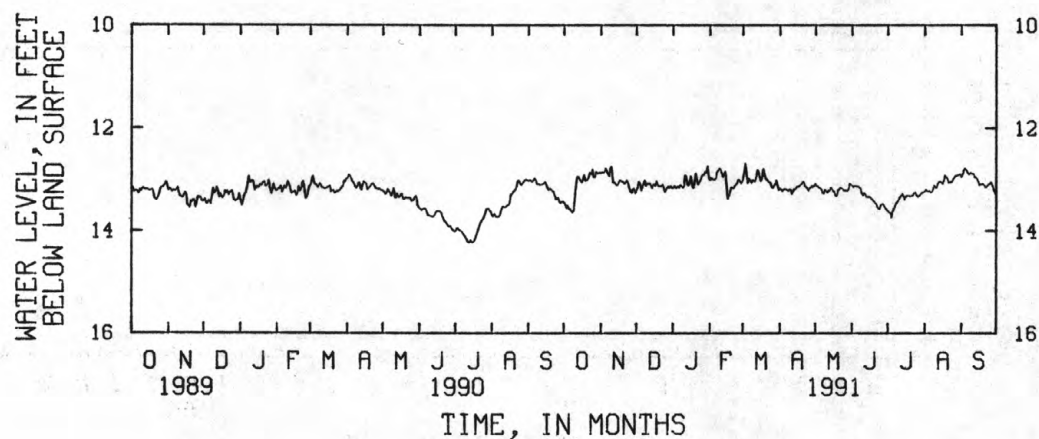
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.45	12.88	13.20	13.17	13.01	12.96	13.18	13.09	13.12	13.62	13.23	12.95
2	13.49	12.86	13.15	13.12	12.97	12.86	13.20	13.13	13.15	13.64	13.20	12.90
3	13.56	12.87	13.04	13.16	12.99	12.69	13.22	13.13	13.13	13.65	13.22	12.82
4	13.51	12.86	13.08	13.16	13.00	12.93	13.20	13.16	13.13	13.74	13.23	12.78
5	13.57	12.78	13.22	13.14	13.00	13.07	13.19	13.17	13.14	13.63	13.22	12.81
6	13.58	12.85	13.13	13.16	12.98	12.99	13.19	13.19	13.13	13.57	13.25	12.86
7	13.61	12.89	13.07	13.11	12.86	13.02	13.21	13.26	13.16	13.52	13.24	12.90
8	13.64	12.93	13.02	13.13	12.83	13.06	13.22	13.27	13.17	13.46	13.18	12.89
9	13.61	12.78	13.12	13.15	12.79	13.02	13.20	13.21	13.27	13.44	13.12	12.87
10	13.36	12.75	13.08	13.15	12.80	13.02	13.20	13.23	13.31	13.40	13.15	12.89
11	13.11	13.06	13.09	12.93	12.88	13.04	13.28	13.26	13.27	13.35	13.16	12.89
12	12.96	13.06	13.07	12.92	12.95	12.97	13.24	13.22	13.29	13.32	13.08	12.96
13	12.94	13.07	13.10	13.10	12.90	12.81	13.19	13.22	13.34	13.28	13.05	12.96
14	12.99	13.11	13.17	13.12	12.85	12.85	13.19	13.16	13.35	13.32	13.04	12.99
15	13.02	13.11	13.10	13.04	13.11	12.97	13.15	13.18	13.33	13.39	13.06	13.04
16	13.06	13.05	13.11	12.94	13.37	13.03	13.14	13.23	13.34	13.33	13.08	13.11
17	13.00	13.02	13.12	13.12	13.33	12.95	13.14	13.24	13.37	13.32	13.03	13.10
18	12.91	13.04	13.03	13.17	13.24	12.80	13.12	13.32	13.39	13.32	12.93	13.10
19	13.02	13.04	13.11	13.09	13.16	12.91	13.08	13.32	13.42	13.32	12.95	13.09
20	13.02	13.07	13.13	12.88	13.16	12.99	13.06	13.22	13.45	13.33	12.98	13.11
21	12.99	13.08	13.13	13.02	13.17	13.00	13.05	13.19	13.47	13.31	13.06	13.15
22	12.94	13.05	13.14	13.10	13.12	13.04	13.12	13.16	13.53	13.31	13.06	13.15
23	12.87	13.02	13.10	13.07	13.10	13.05	13.15	13.17	13.57	13.27	13.04	13.12
24	12.90	13.11	13.14	13.02	13.06	13.07	13.16	13.18	13.57	13.25	13.05	13.10
25	12.81	13.18	13.24	12.94	13.01	13.15	13.22	13.22	13.51	13.30	13.00	13.08
26	12.96	13.24	13.21	12.91	13.01	13.17	13.17	13.21	13.48	13.34	12.96	13.06
27	12.96	13.26	13.16	12.91	13.07	13.12	13.16	13.22	13.48	13.32	12.93	13.12
28	12.86	13.19	13.14	12.85	13.06	13.10	13.13	13.22	13.53	13.30	12.93	13.21
29	12.88	13.18	13.16	12.87	---	13.02	13.15	13.18	13.57	13.27	12.92	13.26
30	12.88	13.27	13.13	12.74	---	13.11	13.13	13.09	13.59	13.25	12.91	13.29
31	12.86	---	13.16	12.94	---	13.20	---	13.10	---	13.25	12.90	---
MEAN	13.14	13.02	13.12	13.04	13.03	13.00	13.17	13.20	13.35	13.39	13.07	13.02
MAX	13.64	13.27	13.24	13.17	13.37	13.20	13.28	13.32	13.59	13.74	13.25	13.29
MIN	12.81	12.75	13.02	12.74	12.79	12.69	13.05	13.09	13.12	13.25	12.90	12.78



GROUND-WATER LEVELS

441

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 Limestone 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.

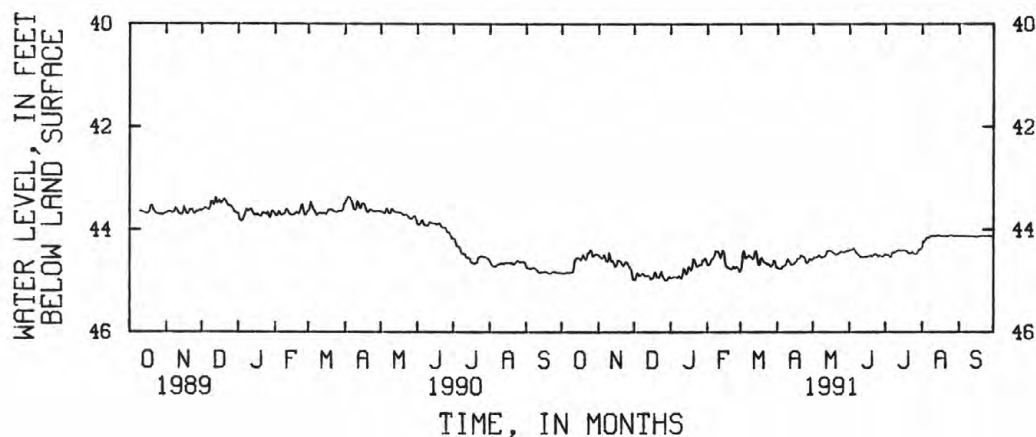
REMARKS.--Depth, measured Jan. 17, 1979, 356 ft. Caliper, electric, and gamma logs available in District files.

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 44.98 ft below land-surface datum, Dec. 27 - 29, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.84	44.50	44.97	44.94	44.68	44.80	44.74	44.57	44.40	44.48	44.33	44.12
2	44.84	44.52	44.97	44.93	44.69	44.69	44.75	44.54	44.39	44.49	44.23	44.12
3	44.84	44.54	44.89	44.92	44.67	44.44	44.76	44.54	44.39	44.49	44.23	44.12
4	44.84	44.55	44.83	44.92	44.61	44.40	44.76	44.54	44.37	44.49	44.19	44.12
5	44.83	44.52	44.89	44.92	44.57	44.55	44.74	44.53	44.36	44.52	44.15	44.12
6	44.83	44.49	44.89	44.92	44.56	44.55	44.71	44.50	44.42	44.53	44.15	44.12
7	44.84	44.57	44.87	44.93	44.48	44.52	44.70	44.50	44.45	44.45	44.15	44.12
8	44.83	44.62	44.84	44.90	44.42	44.50	44.69	44.53	44.47	44.45	44.12	44.12
9	44.83	44.62	44.86	44.93	44.42	44.52	44.62	44.54	44.50	44.44	44.12	44.13
10	44.83	44.45	44.89	44.95	44.42	44.53	44.57	44.53	44.52	44.43	44.12	44.13
11	44.76	44.58	44.89	44.88	44.46	44.57	44.61	44.53	44.53	44.40	44.12	44.13
12	44.60	44.62	44.90	44.76	44.54	44.56	44.66	44.49	44.53	44.40	44.12	44.13
13	44.55	44.61	44.89	44.77	44.50	44.44	44.68	44.43	44.53	44.40	44.12	44.13
14	44.55	44.66	44.92	44.86	44.39	44.40	44.68	44.41	44.52	44.40	44.11	44.13
15	44.54	44.71	44.96	44.85	44.44	44.54	44.66	44.40	44.53	44.40	44.11	44.13
16	44.57	44.70	44.95	44.73	44.65	44.67	44.64	44.41	44.52	44.40	44.12	44.14
17	44.59	44.61	44.94	44.73	44.72	44.69	44.62	44.42	44.52	44.40	44.12	44.13
18	44.55	44.60	44.84	44.79	44.73	44.56	44.57	44.44	44.52	44.40	44.12	44.13
19	44.49	44.60	44.82	44.76	44.74	44.54	44.56	44.45	44.51	44.41	44.12	44.13
20	44.54	44.64	44.91	44.57	44.76	44.61	44.56	44.48	44.52	44.44	44.12	44.12
21	44.58	44.68	44.92	44.58	44.77	44.63	44.50	44.48	44.50	44.46	44.12	44.12
22	44.55	44.70	44.93	44.66	44.76	44.65	44.51	44.47	44.48	44.46	44.12	44.12
23	44.46	44.66	44.88	44.71	44.71	44.66	44.52	44.45	44.46	44.45	44.12	44.13
24	44.45	44.62	44.81	44.71	44.75	44.67	44.55	44.44	44.49	44.43	44.11	44.13
25	44.39	44.64	44.90	44.69	44.74	44.67	44.62	44.43	44.52	44.47	44.11	44.12
26	44.40	44.68	44.94	44.69	44.72	44.72	44.65	44.43	44.51	44.47	44.11	44.12
27	44.51	44.72	44.98	44.69	44.76	44.71	44.63	44.43	44.51	44.47	44.12	44.12
28	44.51	44.75	44.98	44.59	44.81	44.68	44.58	44.43	44.52	44.45	44.12	44.13
29	44.48	44.82	44.98	44.60	---	44.60	44.57	44.43	44.52	44.40	44.12	44.13
30	44.48	44.96	44.93	44.55	---	44.61	44.59	44.40	44.51	44.38	44.12	44.13
31	44.48	---	44.91	44.57	---	44.72	---	44.41	---	44.38	44.12	---
MEAN	44.63	44.63	44.91	44.77	44.62	44.59	44.63	44.47	44.48	44.44	44.14	44.13
MAX	44.84	44.96	44.98	44.95	44.81	44.80	44.76	44.57	44.53	44.53	44.33	44.14
MIN	44.39	44.45	44.81	44.55	44.39	44.40	44.50	44.40	44.36	44.38	44.11	44.12



GROUND-WATER LEVELS

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 Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 48 ft, casing and screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

DATUM.--Land-surface datum is 8.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

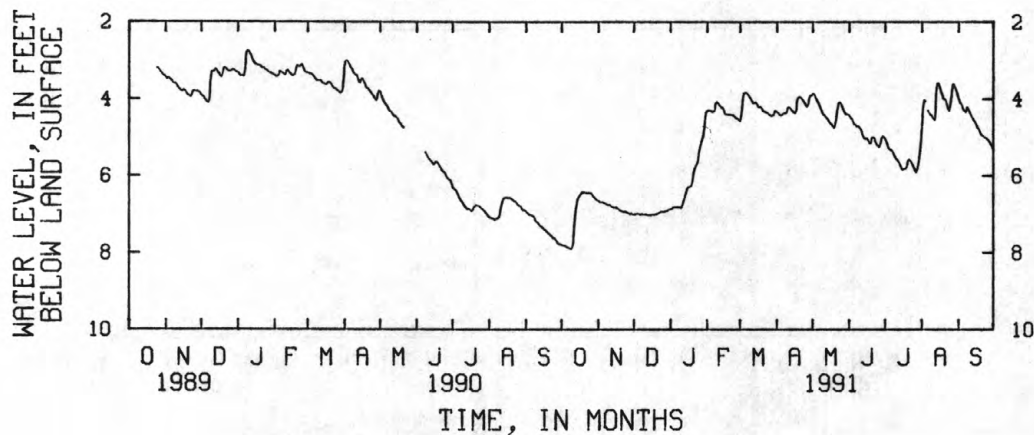
REMARKS.--Geophysical logs available in District files.

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, 7.90 ft below land-surface datum, Oct. 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEARS OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.80	6.65	7.01	6.87	4.30	4.57	4.33	3.86	4.43	5.03	4.77	3.99
2	7.81	6.68	7.01	6.86	4.29	4.39	4.36	3.87	4.48	5.10	4.17	4.10
3	7.82	6.69	7.00	6.83	4.29	4.04	4.40	3.94	4.51	5.19	4.03	4.13
4	7.82	6.69	6.99	6.82	4.30	3.85	4.41	4.01	4.59	5.28	4.05	4.19
5	7.85	6.69	7.00	6.82	4.31	3.84	4.42	4.07	4.65	5.32	---	4.28
6	7.86	6.71	7.01	6.82	4.32	3.84	4.38	4.11	4.66	5.32	4.30	4.31
7	7.88	6.72	7.01	6.82	4.31	3.86	4.37	4.18	4.72	5.37	4.35	4.34
8	7.89	6.74	7.00	6.82	4.12	3.90	4.37	4.28	4.70	5.42	4.41	4.22
9	7.90	6.76	7.01	6.82	4.07	3.95	4.35	4.34	4.71	5.49	4.42	4.25
10	7.86	6.75	7.01	6.83	4.09	4.00	4.24	4.40	4.76	5.53	4.48	4.33
11	7.67	6.78	7.01	6.78	4.14	4.06	4.20	4.42	4.81	5.58	4.52	4.40
12	7.13	6.80	7.02	6.68	4.19	4.11	4.24	4.46	4.94	5.61	4.54	4.44
13	6.82	6.81	7.02	6.55	4.22	4.10	4.28	4.50	5.00	5.68	3.81	4.51
14	6.67	6.82	7.02	6.44	4.22	4.09	4.31	4.53	5.04	5.76	3.59	4.57
15	6.57	6.83	7.03	6.36	4.29	4.13	4.33	4.59	5.03	5.82	3.58	4.62
16	6.51	6.83	7.02	6.30	4.38	4.19	4.37	4.63	5.04	5.84	3.67	4.67
17	6.48	6.84	7.02	6.28	4.39	4.22	4.33	4.65	5.09	5.82	3.79	4.75
18	6.44	6.88	7.02	6.28	4.40	4.21	4.02	4.71	5.15	5.82	3.89	4.78
19	6.43	6.90	7.01	6.23	4.40	4.24	3.96	4.75	5.15	5.78	3.99	4.85
20	6.43	6.92	7.00	6.01	4.40	4.30	3.94	4.68	5.01	5.63	4.00	4.93
21	6.44	6.93	7.00	5.86	4.41	4.32	3.95	4.44	4.99	5.57	4.03	4.96
22	6.44	6.94	6.97	5.77	4.42	4.33	4.00	4.21	5.03	5.59	4.15	4.98
23	6.44	6.94	6.95	5.72	4.42	4.34	4.04	4.09	5.12	5.64	4.25	5.00
24	6.44	6.94	6.94	5.64	4.45	4.37	4.08	4.08	5.19	5.71	4.31	5.02
25	6.44	6.96	6.94	5.38	4.49	4.40	4.14	4.13	5.21	5.78	4.11	5.05
26	6.45	6.98	6.94	5.23	4.49	4.42	4.19	4.21	5.25	5.84	3.86	5.08
27	6.51	6.99	6.94	5.14	4.52	4.43	4.18	4.29	5.18	5.91	3.62	5.12
28	6.54	7.00	6.93	5.02	4.55	4.43	3.98	4.35	5.03	5.83	3.61	5.18
29	6.57	6.99	6.92	4.91	---	4.42	3.91	4.40	4.97	5.67	3.71	5.23
30	6.61	7.00	6.89	4.60	---	4.32	3.90	4.39	4.98	5.48	3.79	5.28
31	6.63	---	6.88	4.35	---	4.31	---	4.40	---	5.18	3.90	---
MEAN	7.00	6.84	6.98	6.12	4.33	4.19	4.20	4.32	4.91	5.57	4.06	4.65
MAX	7.90	7.00	7.03	6.87	4.55	4.57	4.42	4.75	5.25	5.91	4.77	5.28
MIN	6.43	6.65	6.88	4.35	4.07	3.84	3.90	3.86	4.43	5.03	3.58	3.99



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.--Water-stage recorder--60 minute punch interval.

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.

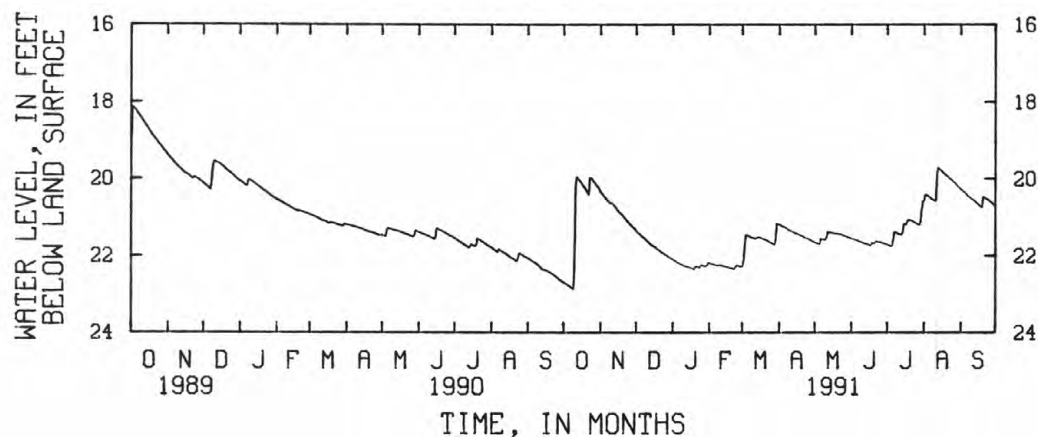
REMARKS.--Geophysical logs available in District files. Water-quality data on file in District office.

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, 22.87 ft below land-surface datum, Oct. 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.70	20.34	21.36	22.10	22.20	22.29	21.19	21.66	21.56	21.71	20.58	20.28
2	22.71	20.38	21.39	22.11	22.20	22.12	21.20	21.67	21.57	21.73	20.43	20.31
3	22.74	20.41	21.42	22.14	22.21	21.75	21.22	21.68	21.58	21.74	20.41	20.34
4	22.76	20.46	21.44	22.16	22.22	21.47	21.24	21.69	21.59	21.75	20.44	20.36
5	22.78	20.51	21.47	22.18	22.23	21.47	21.25	21.70	21.60	21.76	20.46	20.39
6	22.80	20.54	21.50	22.19	22.24	21.49	21.27	21.57	21.61	21.61	20.49	20.42
7	22.82	20.57	21.52	22.21	22.25	21.50	21.28	21.57	21.62	21.39	20.51	20.46
8	22.84	20.60	21.55	22.23	22.25	21.51	21.31	21.58	21.63	21.39	20.53	20.48
9	22.87	20.65	21.58	22.24	22.25	21.52	21.33	21.58	21.65	21.40	20.55	20.50
10	22.24	20.62	21.61	22.25	22.25	21.54	21.35	21.59	21.66	21.42	20.57	20.53
11	20.14	20.66	21.64	22.27	22.25	21.55	21.36	21.53	21.67	21.43	20.59	20.55
12	19.96	20.69	21.67	22.28	22.26	21.56	21.38	21.39	21.68	21.45	19.82	20.57
13	20.01	20.72	21.70	22.28	22.27	21.54	21.39	21.40	21.69	21.46	19.73	20.59
14	20.04	20.76	21.72	22.29	22.27	21.52	21.41	21.40	21.70	21.40	19.75	20.62
15	20.08	20.80	21.74	22.30	22.28	21.52	21.42	21.40	21.71	21.19	19.78	20.65
16	20.13	20.84	21.76	22.31	22.29	21.53	21.43	21.41	21.73	21.17	19.81	20.68
17	20.17	20.88	21.78	22.32	22.30	21.54	21.44	21.42	21.73	21.18	19.84	20.71
18	20.21	20.91	21.80	22.34	22.31	21.56	21.46	21.42	21.68	21.11	19.87	20.73
19	20.26	20.94	21.83	22.36	22.32	21.57	21.47	21.42	21.68	21.06	19.90	20.75
20	20.32	20.97	21.85	22.30	22.32	21.58	21.49	21.42	21.69	21.07	19.92	20.48
21	20.37	21.01	21.88	22.29	22.34	21.60	21.50	21.43	21.64	21.08	19.94	20.49
22	20.40	21.05	21.90	22.29	22.35	21.61	21.52	21.44	21.63	21.10	19.98	20.51
23	19.98	21.09	21.92	22.30	22.30	21.63	21.54	21.44	21.64	21.12	20.01	20.53
24	19.98	21.12	21.94	22.30	22.26	21.65	21.55	21.46	21.65	21.13	20.03	20.55
25	20.03	21.16	21.96	22.25	22.26	21.67	21.56	21.47	21.65	21.15	20.06	20.57
26	20.07	21.19	21.98	22.25	22.27	21.68	21.58	21.48	21.66	21.17	20.09	20.60
27	20.10	21.22	22.00	22.26	22.28	21.70	21.59	21.49	21.67	21.19	20.12	20.62
28	20.15	21.25	22.02	22.27	22.28	21.71	21.61	21.51	21.68	21.20	20.15	20.65
29	20.19	21.28	22.05	22.27	---	21.59	21.63	21.52	21.69	21.13	20.19	20.69
30	20.23	21.31	22.06	22.26	---	21.17	21.64	21.53	21.70	20.82	20.22	20.71
31	20.29	---	22.08	22.20	---	21.18	---	21.55	---	20.60	20.25	---
MEAN	20.98	20.83	21.75	22.25	22.27	21.59	21.42	21.51	21.65	21.29	20.16	20.54
MAX	22.87	21.31	22.08	22.36	22.35	22.29	21.64	21.70	21.73	21.76	20.59	20.75
MIN	19.96	20.34	21.36	22.10	22.20	21.17	21.19	21.39	21.56	20.60	19.73	20.28



GROUND-WATER LEVELS

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, diameter 8 in, depth 216 ft, casing depth and screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

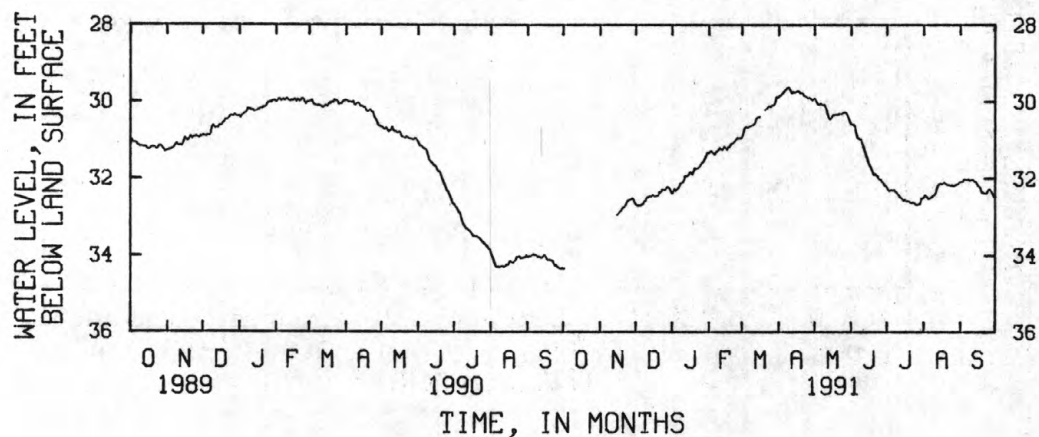
Obstruction between 30 to 40 ft. Water-quality data available in District files.

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, 34.36 ft below land-surface datum, Oct. 1, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.36	---	32.66	32.38	31.34	30.93	29.86	29.92	30.59	32.23	32.49	32.10
2	34.34	---	32.70	32.33	31.30	30.81	29.85	29.97	30.60	32.29	32.42	32.07
3	---	---	32.71	32.27	31.29	30.70	29.82	30.03	30.61	32.32	32.46	32.08
4	---	---	32.69	32.32	31.33	30.66	29.79	30.07	30.64	32.30	32.48	32.03
5	---	---	32.71	32.28	31.35	30.67	29.74	30.08	30.81	32.30	32.53	32.02
6	---	---	32.67	32.25	31.37	30.67	29.71	30.05	30.93	32.31	32.52	32.03
7	---	---	32.67	32.19	31.31	30.65	29.68	30.08	30.97	32.29	32.50	32.03
8	---	---	32.59	32.13	31.30	30.64	29.66	30.08	30.97	32.34	32.47	32.02
9	---	---	32.58	32.11	31.25	30.63	29.62	30.08	30.98	32.36	32.44	32.05
10	---	---	32.51	32.10	31.21	30.61	29.67	30.13	31.08	32.40	32.42	32.04
11	---	---	32.48	32.01	31.23	30.59	29.73	30.22	31.16	32.43	32.39	32.03
12	---	---	32.47	31.94	31.25	30.54	29.77	30.34	31.24	32.48	32.25	32.04
13	---	---	32.45	31.94	31.22	30.44	29.75	30.43	31.36	32.50	32.18	32.08
14	---	---	32.46	31.93	31.18	30.41	29.76	30.46	31.46	32.54	32.15	32.08
15	---	32.94	32.42	31.90	31.21	30.41	29.75	30.44	31.53	32.57	32.13	32.14
16	---	32.93	32.43	31.83	31.25	30.39	29.74	30.37	31.63	32.55	32.14	32.18
17	---	32.88	32.46	31.84	31.19	---	29.72	30.35	31.70	32.58	32.12	32.21
18	---	32.85	32.44	31.90	31.19	---	29.74	30.35	31.76	32.58	32.10	32.27
19	---	32.80	32.45	31.82	31.13	---	29.79	30.34	31.83	32.59	32.12	32.36
20	---	32.75	32.44	31.74	31.10	30.22	29.78	30.34	31.90	32.61	32.13	32.36
21	---	32.74	32.35	31.75	31.09	30.20	29.79	30.34	31.88	32.62	32.16	32.38
22	---	32.70	32.36	31.74	31.06	30.18	29.85	30.31	31.91	32.63	32.16	32.38
23	---	32.65	32.30	31.73	31.02	30.14	29.86	30.32	31.93	32.62	32.17	32.38
24	---	32.58	32.29	31.69	30.98	30.11	29.87	30.32	32.01	32.64	32.19	32.33
25	---	32.56	32.29	31.64	30.95	30.14	29.91	30.29	32.02	32.67	32.17	32.29
26	---	32.55	32.29	31.61	30.96	30.10	29.90	30.29	32.04	32.68	32.20	32.29
27	---	32.54	32.24	31.57	30.95	30.10	29.91	30.28	32.08	32.68	32.17	32.34
28	---	32.50	32.21	31.51	30.95	30.08	29.93	30.30	32.13	32.66	32.17	32.38
29	---	32.53	32.23	31.47	---	30.00	29.97	30.38	32.17	32.66	32.16	32.44
30	---	32.63	32.27	31.38	---	29.88	29.95	30.46	32.19	32.52	32.13	32.48
31	---	---	32.34	31.33	---	29.90	---	30.54	---	32.51	32.10	---
MEAN	---	---	32.46	31.89	31.18	30.39	29.80	30.26	31.47	32.50	32.27	32.20
MAX	---	---	32.71	32.38	31.37	30.93	29.97	30.54	32.19	32.68	32.53	32.48
MIN	---	---	32.21	31.33	30.95	29.88	29.62	29.92	30.59	32.23	32.10	32.02



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.--Middendorf and Cape Fear Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 695 ft cased to 690 ft, screened intervals 265-270, 275-290, 328-333, 376-381, 460-470, 680-690 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

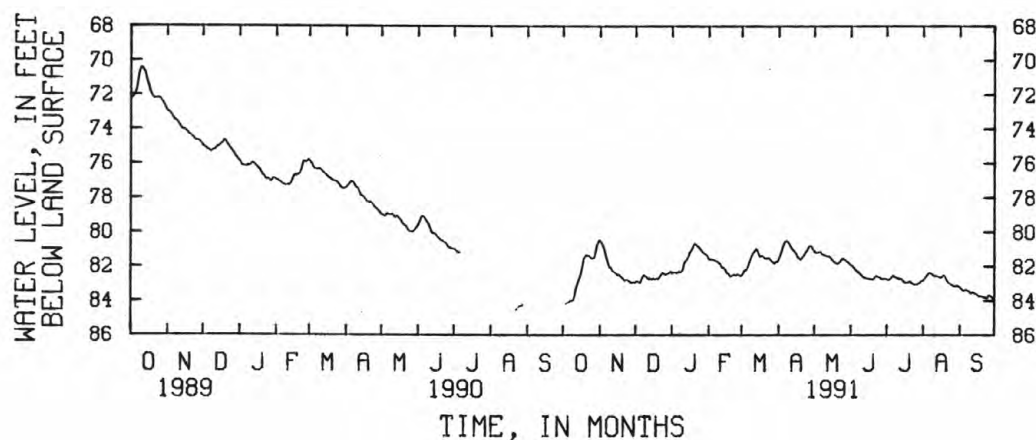
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	80.47	82.93	82.39	81.57	82.53	81.57	81.09	81.91	82.76	82.83	83.23
2	---	80.56	82.89	82.35	81.59	82.40	81.38	81.18	81.96	82.81	82.72	83.32
3	84.21	80.72	82.90	82.36	81.59	82.27	81.22	81.20	82.05	82.80	82.63	83.39
4	84.13	80.87	82.93	82.36	81.59	82.21	80.99	81.19	82.13	82.74	82.56	83.41
5	84.09	81.09	82.94	82.38	81.61	82.20	80.75	81.15	82.21	82.65	82.46	83.39
6	84.06	81.37	82.76	82.36	81.65	82.01	80.58	81.14	82.28	82.59	82.40	83.38
7	84.00	81.63	82.61	82.33	81.67	81.79	80.51	81.21	82.34	82.56	82.39	83.40
8	84.00	81.88	82.51	82.34	81.71	81.64	80.51	81.29	82.38	82.61	82.43	83.43
9	84.00	82.05	82.54	82.31	81.76	81.45	80.57	81.31	82.44	82.64	82.47	83.48
10	83.89	82.05	82.58	82.19	81.80	81.27	80.69	81.33	82.53	82.68	82.54	83.57
11	83.52	82.24	82.69	81.96	81.89	81.15	80.83	81.37	82.61	82.70	82.59	83.55
12	83.25	82.29	82.74	81.71	82.04	81.08	80.93	81.40	82.67	82.73	82.55	83.53
13	83.00	82.33	82.70	81.64	82.09	80.97	81.00	81.40	82.67	82.72	82.59	83.56
14	82.84	82.40	82.74	81.56	82.08	81.04	81.10	81.42	82.70	82.79	82.61	83.57
15	82.60	82.46	82.74	81.42	82.20	81.26	81.19	81.52	82.71	82.86	82.63	83.63
16	82.38	82.48	82.70	81.19	82.37	81.40	81.30	81.61	82.71	82.93	82.65	83.68
17	82.11	82.50	82.74	81.08	82.40	81.42	81.45	81.67	82.76	82.95	82.61	83.73
18	81.72	82.59	82.73	80.97	82.48	81.35	81.53	81.73	82.75	82.95	82.55	83.74
19	81.48	82.64	82.72	80.83	82.58	81.42	81.59	81.80	82.75	82.94	82.55	83.74
20	81.36	82.70	82.74	80.68	82.57	81.52	81.54	81.83	82.77	82.90	82.65	83.77
21	81.34	82.79	82.64	80.69	82.53	81.54	81.46	81.84	82.65	82.90	82.84	83.80
22	81.36	82.83	82.56	80.77	82.49	81.55	81.38	81.79	82.59	82.97	82.94	83.81
23	81.36	82.80	82.44	80.84	82.49	81.54	81.28	81.70	82.57	83.01	82.98	83.84
24	81.49	82.80	82.37	80.90	82.53	81.53	81.14	81.64	82.61	83.04	83.02	83.84
25	81.52	82.84	82.42	80.97	82.49	81.61	81.07	81.56	82.66	83.04	83.09	83.71
26	81.54	82.89	82.45	81.10	82.48	81.68	80.89	81.57	82.70	83.05	83.12	83.68
27	81.52	82.96	82.47	81.18	82.52	81.75	80.81	81.61	82.72	83.04	83.15	83.71
28	81.29	82.96	82.43	81.20	82.56	81.80	80.80	81.68	82.74	83.01	83.16	83.81
29	80.92	82.93	82.40	81.28	---	81.78	80.88	81.74	82.73	82.97	83.17	83.87
30	80.63	82.96	82.34	81.31	---	81.73	80.98	81.79	82.72	82.89	83.14	83.86
31	80.48	---	82.33	81.40	---	81.72	---	81.85	---	82.84	83.17	---
MEAN	82.42	82.20	82.63	81.55	82.12	81.63	81.06	81.50	82.53	82.84	82.75	83.61
MAX	84.21	82.96	82.94	82.39	82.58	82.53	81.59	81.85	82.77	83.05	83.17	83.87
MIN	80.48	80.47	82.33	80.68	81.57	80.97	80.51	81.09	81.91	82.56	82.39	83.23



GROUND-WATER LEVELS

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.--Black Creek Formation.

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.--Water-stage recorder--60 minute punch interval.

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.

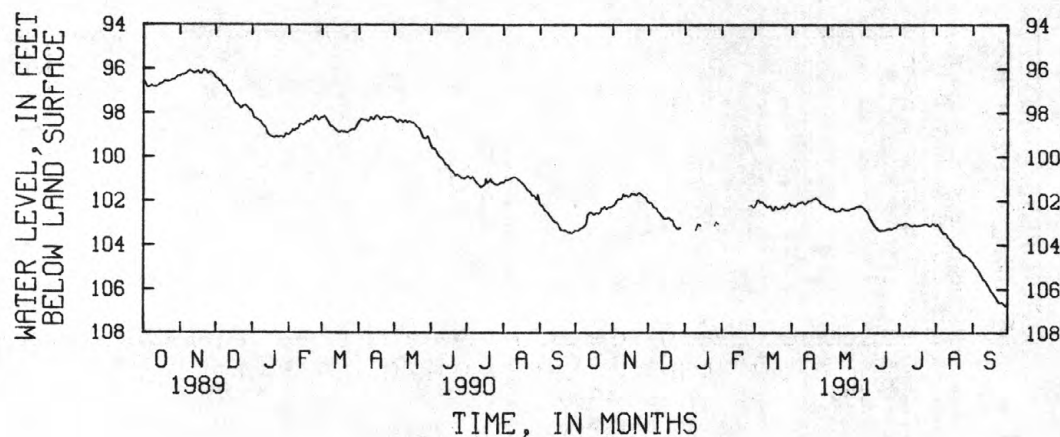
REMARKS.--Driller's log and geophysical logs available in District files.

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, 106.75 ft below land-surface datum, Sept. 29, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103.34	102.22	102.05	---	---	102.25	102.18	102.26	102.33	103.08	103.12	104.81
2	103.34	102.19	102.08	---	---	102.10	102.19	102.31	102.39	103.07	103.04	104.91
3	103.35	102.13	102.07	---	---	101.95	102.23	102.35	102.45	103.06	103.14	104.99
4	103.29	102.05	102.12	---	---	101.95	102.24	102.36	102.51	103.07	103.21	105.04
5	103.26	101.93	102.25	---	---	102.06	102.18	102.37	102.66	103.01	103.30	105.11
6	103.23	101.91	102.29	---	---	102.05	102.12	102.37	102.79	103.01	103.40	105.20
7	103.19	101.91	102.31	---	---	102.04	102.09	102.43	102.88	103.00	103.47	105.30
8	103.15	101.91	102.33	---	---	102.11	102.07	102.48	102.96	103.03	103.47	105.39
9	103.10	101.83	102.47	---	---	102.16	102.04	102.47	103.06	103.06	103.48	105.49
10	102.96	101.69	102.52	103.31	---	102.20	102.03	102.47	103.14	103.10	103.56	105.56
11	102.61	101.78	102.60	103.18	---	102.27	102.10	102.47	103.20	103.12	103.65	105.61
12	102.57	101.74	102.66	103.06	---	102.29	102.14	102.43	103.25	103.13	103.70	105.69
13	102.51	101.75	102.70	103.07	---	102.22	102.11	102.37	103.30	103.11	103.76	105.78
14	102.53	101.80	102.79	103.10	---	102.22	102.04	102.34	103.34	103.09	103.84	105.86
15	102.55	101.80	102.80	---	---	102.34	102.00	102.36	103.35	103.13	103.92	105.96
16	102.60	101.74	102.79	---	---	102.42	101.99	102.40	103.33	103.12	104.01	106.06
17	102.61	101.67	102.81	---	---	102.39	101.98	102.40	103.34	103.12	104.08	106.12
18	102.54	101.69	102.74	---	---	102.25	101.95	102.40	103.34	103.12	104.10	106.20
19	102.55	101.69	102.80	---	---	102.28	101.94	102.41	103.33	103.10	104.13	106.28
20	102.57	101.70	102.88	---	---	102.34	101.90	102.39	103.31	103.09	104.16	106.34
21	102.53	101.72	102.86	---	---	102.35	101.86	102.37	103.29	103.07	104.27	106.45
22	102.46	101.69	102.98	---	---	102.34	101.89	102.35	103.27	103.06	104.34	106.55
23	102.32	101.63	103.13	---	102.23	102.29	101.92	102.34	103.26	103.05	104.40	106.60
24	102.32	101.65	103.18	---	102.23	102.24	101.96	102.32	103.28	103.05	104.46	106.61
25	102.25	101.70	103.25	---	102.20	102.28	102.07	102.28	103.27	103.08	104.45	106.59
26	102.29	101.75	103.27	103.09	102.19	102.30	102.11	102.26	103.24	103.12	104.47	106.61
27	102.35	101.81	103.25	102.96	102.26	102.26	102.14	102.25	103.22	103.13	104.53	106.69
28	102.29	101.81	103.24	102.99	102.29	102.21	102.17	102.25	103.20	103.08	104.59	106.74
29	102.28	101.85	---	103.03	---	102.13	102.23	102.23	103.14	103.04	104.63	106.75
30	102.28	102.00	---	---	---	102.09	102.27	102.24	103.10	103.05	104.68	106.72
31	102.24	---	---	---	---	102.18	---	102.28	---	103.07	104.73	---
MEAN	102.69	101.82	102.69	---	---	102.21	102.07	102.36	103.08	103.08	103.94	105.93
MAX	103.35	102.22	103.27	---	---	102.42	102.27	102.48	103.35	103.13	104.73	106.75
MIN	102.24	101.63	102.05	---	---	101.95	101.86	102.23	102.33	103.00	103.04	104.81



GROUND-WATER LEVELS

447

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.--Water-stage recorder--60 minute punch interval.

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.

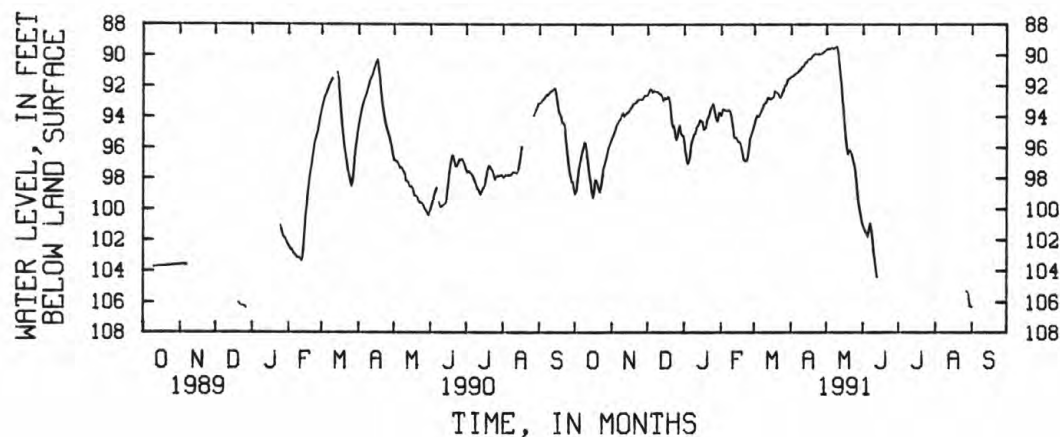
REMARKS.--Gamma logged Feb., 1969 to 530 ft. Fluid-Temperature Resistance logged Oct. 1969 to 535 ft. Water-level influenced by nearby pumping. Water-quality data available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	99.02	95.41	92.50	95.74	93.92	94.49	91.40	89.61	101.14	---	---	106.33
2	98.84	95.21	92.40	96.33	93.56	94.24	91.39	89.61	101.29	---	---	---
3	98.15	95.02	92.21	96.90	93.51	93.92	91.33	89.58	101.51	---	---	---
4	97.47	94.80	92.23	97.06	93.59	94.00	91.24	89.58	101.55	---	---	---
5	97.03	94.53	92.41	96.84	93.58	93.94	91.21	89.53	101.79	---	---	---
6	96.59	94.39	92.32	96.26	93.62	93.70	91.13	89.52	101.34	---	---	---
7	96.27	94.27	92.34	95.69	93.56	93.57	91.05	89.57	100.91	---	---	---
8	95.97	94.18	92.36	95.41	93.58	93.41	90.97	89.52	101.23	---	---	---
9	95.67	93.92	92.38	95.18	93.80	93.20	90.88	89.42	102.04	---	---	---
10	95.78	93.77	92.42	95.07	94.32	93.08	90.80	89.46	102.83	---	---	---
11	96.44	93.98	92.52	94.71	94.84	93.04	90.74	90.17	103.34	---	---	---
12	97.14	93.88	92.54	94.60	95.38	92.79	90.60	90.93	103.95	---	---	---
13	97.73	93.79	92.69	94.48	95.38	92.76	90.48	91.62	104.39	---	---	---
14	98.30	93.74	92.96	94.21	95.39	92.87	90.43	92.45	---	---	---	---
15	98.84	93.65	92.79	94.26	95.63	92.82	90.30	93.51	---	---	---	---
16	99.25	93.51	92.82	94.32	95.62	92.80	90.26	94.46	---	---	---	---
17	98.88	93.39	92.82	94.80	95.72	92.70	90.23	95.24	---	---	---	---
18	98.13	93.27	92.68	94.80	96.11	92.35	90.16	95.95	---	---	---	---
19	98.13	93.16	92.82	94.69	96.49	92.39	90.00	96.43	---	---	---	---
20	98.47	93.13	93.40	94.15	96.80	92.44	89.95	96.17	---	---	---	---
21	98.75	93.06	94.29	93.99	96.90	92.49	89.90	96.20	---	---	---	---
22	98.92	92.98	94.71	93.81	96.89	92.69	89.93	96.47	---	---	---	---
23	98.50	92.89	94.59	93.51	96.73	92.75	89.93	96.68	---	---	---	---
24	97.91	92.88	95.05	93.32	96.15	92.56	89.92	96.94	---	---	---	---
25	97.30	92.86	95.51	93.16	95.55	92.37	89.94	97.28	---	---	---	---
26	97.02	92.86	95.29	93.41	95.23	92.20	89.90	97.97	---	---	---	---
27	96.67	92.81	94.80	93.92	95.01	91.99	89.87	98.82	---	---	105.31	---
28	96.32	92.66	94.57	94.26	94.70	91.85	89.81	99.57	---	---	105.32	---
29	96.08	92.61	95.08	94.28	---	91.62	89.78	100.09	---	---	105.54	---
30	95.85	92.63	95.22	93.75	---	91.52	89.69	100.44	---	---	106.25	---
31	95.62	---	95.24	93.74	---	91.50	---	100.83	---	---	106.26	---
MEAN	97.45	93.64	93.42	94.73	95.06	92.84	90.44	93.99	---	---	---	---
MAX	99.25	95.41	95.51	97.06	96.90	94.49	91.40	100.83	---	---	---	---
MIN	95.62	92.61	92.21	93.16	93.51	91.50	89.69	89.42	---	---	---	---



GROUND-WATER LEVELS

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.--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.--Water-stage recorder--60 minute punch interval.

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.

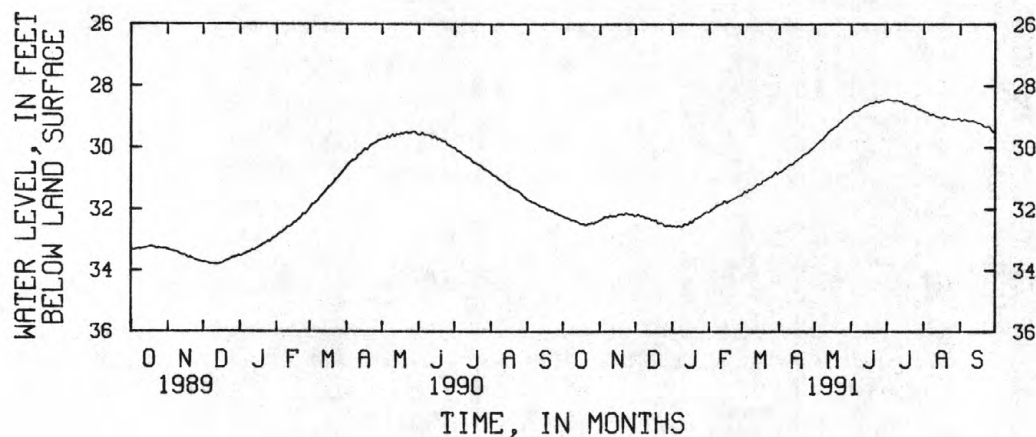
REMARKS.--Geophysical logs available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.23	32.35	32.21	32.56	32.09	31.52	30.80	29.95	28.88	28.44	28.82	29.11
2	32.25	32.34	32.20	32.54	32.04	31.46	30.78	29.92	28.85	28.44	28.83	29.14
3	32.27	32.31	32.16	32.55	32.01	31.41	30.77	29.88	28.82	28.44	28.85	29.12
4	32.27	32.28	32.19	32.57	31.98	31.44	30.74	29.84	28.80	28.45	28.86	29.09
5	32.30	32.24	32.22	32.57	31.95	31.45	30.70	29.80	28.81	28.45	28.89	29.09
6	32.31	32.25	32.21	32.55	31.92	31.38	30.67	29.76	28.80	28.47	28.93	29.12
7	32.33	32.25	32.22	32.54	31.88	31.37	30.64	29.75	28.78	28.47	28.94	29.13
8	32.35	32.25	32.24	32.56	31.87	31.37	30.61	29.71	28.74	28.47	28.92	29.15
9	32.36	32.21	32.27	32.56	31.85	31.34	30.57	29.66	28.72	28.46	28.92	29.15
10	32.36	32.19	32.27	32.55	31.83	31.33	30.55	29.62	28.70	28.47	28.95	29.14
11	32.39	32.23	32.29	32.49	31.82	31.30	30.57	29.58	28.66	28.48	28.99	29.13
12	32.39	32.22	32.29	32.47	31.81	31.26	30.54	29.52	28.64	28.49	29.00	29.15
13	32.41	32.22	32.30	32.50	31.75	31.20	30.51	29.47	28.63	28.49	29.01	29.16
14	32.44	32.23	32.35	32.50	31.72	31.18	30.46	29.44	28.62	28.52	29.01	29.17
15	32.46	32.21	32.34	32.45	31.75	31.20	30.43	29.42	28.59	28.56	29.03	29.20
16	32.48	32.17	32.36	32.41	31.79	31.19	30.41	29.40	28.57	28.58	29.04	29.21
17	32.48	32.16	32.37	32.43	31.75	31.15	30.38	29.36	28.55	28.57	29.03	29.22
18	32.46	32.16	32.34	32.41	31.73	31.08	30.34	29.33	28.55	28.58	29.01	29.23
19	32.50	32.15	32.42	32.36	31.70	31.07	30.32	29.32	28.55	28.60	29.01	29.25
20	32.51	32.16	32.46	32.30	31.68	31.06	30.29	29.29	28.53	28.63	29.03	29.29
21	32.51	32.17	32.45	32.30	31.66	31.03	30.24	29.24	28.51	28.64	29.06	29.32
22	32.47	32.14	32.45	32.29	31.64	31.01	30.22	29.20	28.49	28.64	29.07	29.34
23	32.47	32.12	32.44	32.26	31.63	30.98	30.20	29.17	28.50	28.64	29.08	29.34
24	32.47	32.14	32.49	32.24	31.61	30.95	30.19	29.13	28.53	28.65	29.09	29.33
25	32.44	32.15	32.52	32.23	31.58	30.95	30.17	29.10	28.51	28.68	29.09	29.31
26	32.45	32.16	32.54	32.19	31.57	30.92	30.14	29.07	28.49	28.71	29.10	29.37
27	32.46	32.17	32.54	32.15	31.56	30.88	30.09	29.04	28.48	28.74	29.09	29.43
28	32.42	32.16	32.53	32.11	31.55	30.84	30.05	29.01	28.48	28.75	29.09	29.48
29	32.42	32.19	32.54	32.10	---	30.79	30.03	28.97	28.46	28.76	29.09	29.50
30	32.40	32.21	32.51	32.06	---	30.85	29.99	28.93	28.45	28.78	29.07	29.51
31	32.37	---	32.55	32.09	---	30.84	---	28.91	---	28.80	29.07	---
MEAN	32.40	32.21	32.36	32.38	31.78	31.15	30.41	29.41	28.62	28.58	29.00	29.24
MAX	32.51	32.35	32.55	32.57	32.09	31.52	30.80	29.95	28.88	28.80	29.10	29.51
MIN	32.23	32.12	32.16	32.06	31.55	30.79	29.99	28.91	28.45	28.44	28.82	29.09



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 Limestone Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 200 ft, cased to 98 ft, open hole from 98 to 200 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

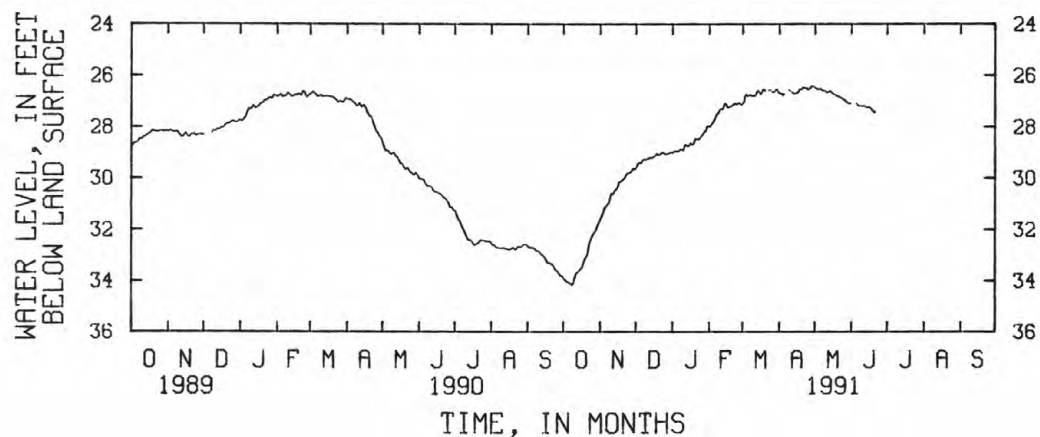
REMARKS.--Geophysical logs available in District files.

PERIOD OF RECORD.--February 1977 to June 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 25.43 below land-surface datum, Apr. 24, 1983; lowest, 34.15 ft below land-surface datum Oct. 8, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.91	31.59	29.60	29.00	27.99	27.10	26.67	26.45	---	---	---	---
2	33.97	31.51	29.52	28.96	27.95	27.02	26.69	26.50	---	---	---	---
3	34.01	31.40	29.42	28.95	27.88	26.79	26.73	26.52	---	---	---	---
4	34.03	31.27	29.38	28.95	27.81	26.71	26.75	26.53	---	---	---	---
5	34.06	31.13	29.42	28.95	27.72	26.79	26.73	26.53	27.10	---	---	---
6	34.08	31.07	29.35	28.94	27.64	26.78	---	26.52	27.16	---	---	---
7	34.12	31.03	29.29	28.88	27.54	26.74	---	26.57	27.19	---	---	---
8	34.15	30.97	29.26	28.88	27.47	26.76	---	26.60	27.18	---	---	---
9	34.14	30.83	29.28	28.89	27.38	26.79	26.56	26.59	27.19	---	---	---
10	33.94	30.60	29.25	28.89	27.31	26.78	26.57	26.62	27.19	---	---	---
11	33.82	30.64	29.23	28.76	27.30	26.79	26.63	26.66	27.19	---	---	---
12	33.70	30.57	29.22	28.68	27.30	26.75	26.67	26.64	27.19	---	---	---
13	33.67	30.50	29.18	28.72	27.20	26.62	26.70	26.62	27.23	---	---	---
14	33.61	30.45	29.19	28.75	27.09	26.58	26.69	26.61	27.25	---	---	---
15	33.57	30.40	29.19	28.71	27.13	26.65	26.68	26.65	27.24	---	---	---
16	33.53	30.28	29.15	28.63	27.24	26.71	26.68	26.70	27.24	---	---	---
17	33.43	30.16	29.13	28.68	27.24	26.67	26.63	26.72	27.28	---	---	---
18	33.26	30.13	29.06	28.69	27.22	26.56	26.55	26.74	27.34	---	---	---
19	33.16	30.09	29.05	28.62	27.20	26.56	26.53	26.78	27.39	---	---	---
20	33.09	30.06	29.09	28.47	27.17	26.59	26.51	26.80	27.42	---	---	---
21	32.97	30.03	29.07	28.46	27.15	---	26.45	26.81	27.45	---	---	---
22	32.78	29.94	29.04	28.47	27.11	---	26.46	26.84	---	---	---	---
23	32.52	29.84	29.00	28.48	27.09	26.57	26.48	26.87	---	---	---	---
24	32.40	29.81	29.00	28.42	27.12	26.56	26.49	26.89	---	---	---	---
25	32.26	29.80	29.04	28.36	27.09	26.60	26.54	26.91	---	---	---	---
26	32.19	29.78	29.05	28.32	27.07	26.64	26.52	26.95	---	---	---	---
27	32.14	29.75	29.05	28.25	27.11	26.65	26.47	27.00	---	---	---	---
28	32.02	29.66	29.04	28.16	27.13	26.61	26.41	27.05	---	---	---	---
29	31.92	29.62	29.03	28.15	---	26.55	26.41	27.07	---	---	---	---
30	31.82	29.65	28.99	28.00	---	26.53	26.43	27.09	---	---	---	---
31	31.70	---	28.98	27.96	---	26.64	---	27.09	---	---	---	---
MEAN	33.22	30.42	29.18	28.61	27.34	26.69	26.58	26.74	---	---	---	---
MAX	34.15	31.59	29.60	29.00	27.99	27.10	26.75	27.09	---	---	---	---
MIN	31.70	29.62	28.98	27.96	27.07	26.53	26.41	26.45	---	---	---	---



GROUND-WATER LEVELS

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 Formation.

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.--Water-stage recorder--60 minute punch interval.

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.

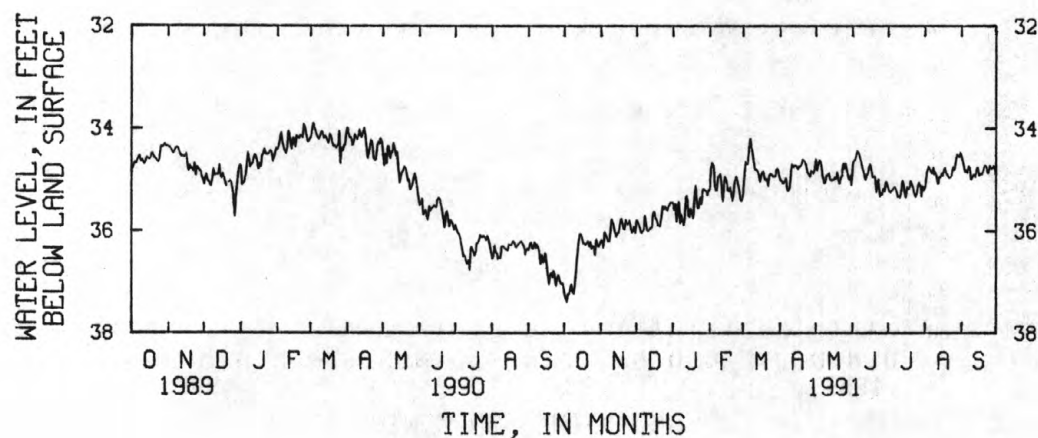
REMARKS.--1976 Caliper, electric, and gamma logs available in District files.

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, 37.38 ft below land-surface datum, Oct. 3, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.21	36.20	35.79	35.45	35.19	35.28	35.02	34.60	34.76	35.18	35.17	34.54
2	37.28	36.17	35.80	35.59	34.78	34.91	35.00	34.82	34.63	35.23	35.01	34.63
3	37.38	36.32	35.89	35.48	34.67	34.65	35.07	34.74	34.61	35.25	34.82	34.73
4	37.23	36.02	35.96	35.82	34.70	34.69	35.07	34.63	34.53	35.21	34.75	34.85
5	37.23	36.06	36.03	35.56	35.08	34.69	35.03	34.63	34.44	35.20	34.79	34.82
6	37.10	36.11	36.02	35.43	35.20	34.33	34.98	34.75	34.47	35.15	34.83	34.87
7	37.04	36.18	35.96	35.86	35.21	34.20	35.20	34.94	34.55	35.15	34.87	34.74
8	37.18	36.21	35.70	35.68	34.94	34.38	35.22	35.07	34.62	35.24	34.77	34.76
9	37.22	36.00	35.82	35.80	34.94	34.55	35.16	35.07	34.74	35.34	34.90	35.00
10	36.98	35.77	35.99	35.88	34.89	34.69	34.93	34.93	34.84	35.32	34.86	34.98
11	36.79	35.82	36.00	35.74	35.16	34.81	34.70	34.91	34.93	35.36	34.98	34.92
12	36.47	35.93	35.95	35.34	35.42	34.80	34.75	34.87	35.01	35.22	35.08	34.90
13	36.23	36.04	35.95	35.31	35.08	34.86	34.73	35.00	34.91	35.02	34.95	34.95
14	36.07	36.11	35.93	35.71	34.94	34.90	34.72	35.02	34.88	35.09	34.95	34.79
15	36.05	36.04	35.66	35.73	35.01	35.04	34.75	35.00	34.74	35.28	34.88	34.76
16	36.14	36.02	35.62	35.57	35.20	34.93	34.80	35.01	34.69	35.35	34.92	34.92
17	36.23	35.86	35.75	35.67	35.24	34.86	34.74	34.96	34.85	35.15	34.81	34.89
18	36.24	35.76	35.79	35.75	35.16	34.84	34.74	34.99	34.95	35.18	34.77	34.90
19	36.27	35.86	35.89	35.42	35.26	34.99	34.70	34.86	34.95	35.17	34.89	34.87
20	36.23	35.94	35.89	35.11	35.42	35.02	34.61	35.03	34.94	35.03	34.90	34.77
21	36.20	35.97	35.92	35.43	35.28	34.98	34.62	35.08	35.25	35.10	34.96	34.72
22	36.29	35.79	35.72	35.56	35.01	35.13	34.66	34.97	35.07	35.14	34.96	34.75
23	36.21	35.85	35.52	35.55	34.94	34.92	34.74	34.93	34.99	35.28	34.95	34.85
24	36.33	35.87	35.57	35.35	34.99	34.88	34.87	34.68	35.33	35.34	34.82	34.88
25	36.30	35.80	35.53	35.47	35.11	34.90	34.89	34.79	35.26	35.27	34.75	34.73
26	36.30	35.94	35.55	35.21	35.24	34.94	34.95	34.69	35.29	35.14	34.81	34.78
27	36.46	36.02	35.61	35.18	35.41	34.93	34.84	34.77	35.18	35.06	34.63	34.78
28	36.16	36.01	35.53	35.21	35.42	34.94	34.85	34.93	35.23	35.10	34.51	34.73
29	36.27	35.92	35.49	35.23	---	34.80	34.89	35.00	35.06	35.33	34.53	34.77
30	36.30	36.03	35.45	35.30	---	34.78	34.80	34.94	35.05	35.13	34.55	34.89
31	36.25	---	35.45	35.21	---	34.88	---	35.11	---	35.20	34.47	---
MEAN	36.57	35.99	35.77	35.50	35.10	34.82	34.87	34.89	34.89	35.20	34.83	34.82
MAX	37.38	36.32	36.03	35.88	35.42	35.28	35.22	35.11	35.33	35.36	35.17	35.00
MIN	36.05	35.76	35.45	35.11	34.67	34.20	34.61	34.60	34.44	35.02	34.47	34.54



GROUND-WATER LEVELS

451

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.--Water-stage recorder--60 minute punch interval.

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.

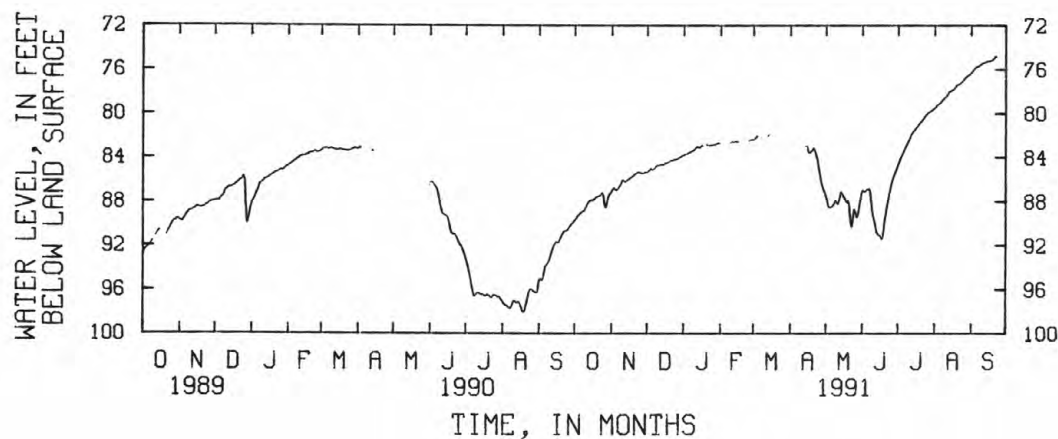
REMARKS.--Geophysical logs available in District Files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89.69	87.02	85.31	83.81	---	82.36	---	87.56	87.01	84.69	79.52	76.30
2	89.53	86.87	85.26	83.72	---	82.27	---	87.98	87.01	84.41	79.37	76.15
3	89.40	86.78	85.13	83.71	---	82.18	---	88.38	87.09	84.11	79.25	75.98
4	89.25	86.93	85.01	83.67	---	82.06	---	88.56	87.01	83.88	79.18	75.88
5	89.14	86.96	85.10	83.59	---	---	---	88.52	86.90	83.63	79.09	75.81
6	89.01	86.85	85.09	83.52	---	---	---	88.46	86.91	83.40	78.97	75.74
7	88.93	86.69	85.00	83.50	---	---	---	88.38	86.81	83.14	78.86	75.69
8	88.88	86.53	84.85	83.43	---	---	---	88.12	87.48	82.90	78.74	75.60
9	88.77	86.36	84.77	83.34	82.69	---	---	87.90	88.62	82.68	78.60	75.51
10	88.54	86.05	84.73	83.31	82.60	---	---	88.01	89.42	82.46	78.53	75.45
11	88.28	86.14	84.71	83.14	82.57	---	---	88.23	89.71	82.24	78.45	75.41
12	88.11	86.18	84.66	83.03	82.60	---	---	87.97	90.16	81.98	78.25	75.37
13	87.97	86.14	84.64	83.05	82.58	82.03	83.01	87.47	90.79	81.76	78.06	75.32
14	87.89	86.09	84.66	83.07	82.54	81.92	82.94	87.13	91.00	81.60	77.97	75.27
15	87.88	86.01	84.60	83.05	82.55	---	82.96	87.31	91.02	81.49	77.93	75.25
16	87.87	85.92	84.54	82.93	82.56	---	83.50	87.56	91.12	81.34	77.90	75.23
17	87.80	85.82	84.53	82.91	---	---	83.63	87.71	91.39	81.20	77.81	75.21
18	87.66	85.75	84.46	---	---	---	83.52	87.85	91.40	81.07	77.63	75.15
19	87.58	85.63	84.39	---	---	---	83.38	88.07	90.48	80.94	77.48	75.09
20	87.57	85.55	84.36	82.83	---	---	83.29	87.91	89.58	80.82	77.40	75.00
21	87.52	85.49	84.28	82.84	---	---	83.18	88.52	88.87	80.69	77.36	74.84
22	87.47	85.43	84.27	82.90	---	---	83.57	90.06	88.25	80.56	77.33	74.80
23	87.34	85.38	84.24	82.90	---	---	83.89	90.36	87.73	80.38	77.22	---
24	87.21	85.35	84.19	82.89	---	---	84.25	89.39	87.20	80.19	77.11	---
25	87.54	85.37	84.21	82.85	82.49	---	85.06	88.66	86.62	80.07	77.00	---
26	88.36	85.42	84.15	82.82	82.41	---	85.81	88.93	86.18	79.98	76.88	---
27	88.55	85.45	84.09	82.82	82.39	---	86.18	89.42	85.79	79.92	76.75	---
28	88.01	85.43	84.01	82.77	82.39	---	86.69	89.30	85.51	79.84	76.66	---
29	87.62	85.34	83.96	82.74	---	---	86.96	88.56	85.25	79.76	76.58	---
30	87.38	85.37	83.89	82.69	---	---	87.15	87.87	84.97	79.70	76.51	---
31	87.18	---	83.84	82.68	---	---	---	87.35	---	79.60	76.39	---
MEAN	88.19	86.01	84.55	83.12	---	---	---	88.31	88.24	81.63	77.90	---
MAX	89.69	87.02	85.31	83.81	---	---	---	90.36	91.40	84.69	79.52	---
MIN	87.18	85.34	83.84	82.68	---	---	---	87.13	84.97	79.60	76.39	---



GROUND-WATER LEVELS

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.--Pee Dee and Black Creek Formations.

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.

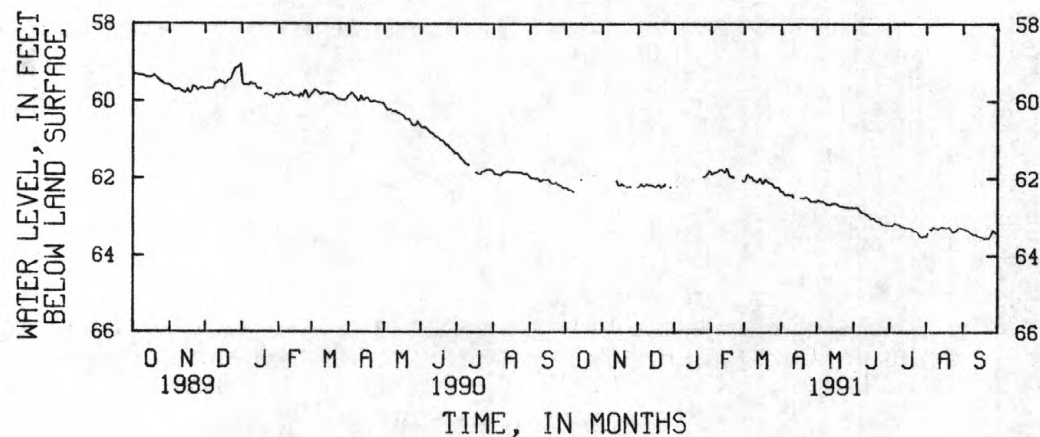
REMARKS.--Also known as HO-1 and HO-53. Driller's and geophysical logs available in District files.

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, 63.56 ft below land-surface datum, Sept. 19, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62.24	---	62.23	---	61.88	62.07	62.33	62.57	62.75	63.22	63.51	63.30
2	62.25	---	62.22	---	61.88	62.01	62.34	62.56	62.75	63.23	63.42	63.32
3	62.29	---	62.17	62.21	61.86	61.91	62.38	62.57	62.75	63.21	63.36	63.33
4	62.30	---	62.14	---	61.84	61.88	62.41	62.59	62.75	63.21	63.34	63.34
5	62.30	---	62.20	---	61.84	61.95	62.41	62.59	62.79	63.16	63.33	63.34
6	62.31	---	62.20	---	61.83	61.97	62.41	62.59	62.84	63.18	63.30	63.37
7	62.34	---	62.19	---	61.80	61.96	62.41	62.61	62.87	63.19	63.27	63.40
8	62.34	---	62.15	---	61.77	62.02	62.42	62.65	62.88	63.19	63.28	63.42
9	---	---	62.16	---	61.77	62.05	62.42	62.67	62.89	63.20	63.29	63.44
10	---	61.86	62.17	---	61.77	62.06	62.42	62.67	62.91	63.23	63.29	63.45
11	---	---	62.17	---	61.79	62.09	62.48	62.68	62.92	63.25	63.31	63.45
12	---	61.97	62.18	---	61.83	62.09	---	62.68	62.94	63.26	63.29	63.46
13	---	62.08	62.18	---	61.82	62.05	---	62.66	62.97	63.26	63.26	63.49
14	62.03	62.15	62.20	---	61.74	61.99	---	62.65	63.01	63.27	63.26	63.49
15	---	62.18	62.22	---	61.79	62.06	---	62.65	63.03	63.29	63.26	63.51
16	---	62.18	62.21	62.05	61.91	62.12	---	62.65	63.03	63.29	63.27	63.51
17	---	62.15	62.20	---	61.94	62.11	62.49	62.65	63.03	63.29	63.28	63.52
18	---	62.17	62.17	62.18	61.95	62.03	62.49	62.66	63.04	63.29	63.28	63.54
19	---	62.18	62.17	---	61.95	62.03	62.50	62.70	63.08	63.31	63.28	63.56
20	---	---	62.23	61.94	61.97	62.07	62.50	62.71	63.10	63.33	63.25	63.55
21	---	62.22	62.22	61.94	---	62.10	62.48	62.71	63.10	63.35	63.30	63.55
22	---	62.23	62.21	---	---	62.11	62.48	62.71	63.11	63.35	63.34	63.55
23	---	62.21	62.18	62.01	---	62.12	62.50	62.73	63.12	63.36	63.38	63.54
24	61.93	62.21	62.16	61.99	---	62.13	62.52	62.74	63.17	63.38	63.39	63.49
25	61.91	62.22	---	61.96	---	62.18	62.58	62.74	63.19	63.43	63.36	63.41
26	---	---	---	61.96	---	62.22	62.59	62.74	63.19	63.47	63.35	63.35
27	---	---	---	61.94	62.05	62.23	62.59	62.74	63.20	63.50	63.32	63.36
28	---	---	62.23	61.88	62.08	62.23	62.59	62.75	63.21	63.51	63.29	63.39
29	---	---	62.23	61.89	---	62.23	62.59	62.75	63.22	63.51	63.29	63.40
30	---	62.22	---	61.80	---	62.24	62.60	62.75	63.22	63.50	63.29	---
31	---	---	---	61.80	---	62.32	---	62.75	---	63.49	63.29	---
MEAN	---	---	62.19	---	---	62.08	62.48	62.67	63.00	63.31	63.31	63.44
MAX	---	---	62.23	---	---	62.32	62.60	62.75	63.22	63.51	63.51	63.56
MIN	---	---	62.14	---	---	61.88	62.33	62.56	62.75	63.16	63.25	63.30



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.--Water-stage recorder--60 minute punch interval.

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.

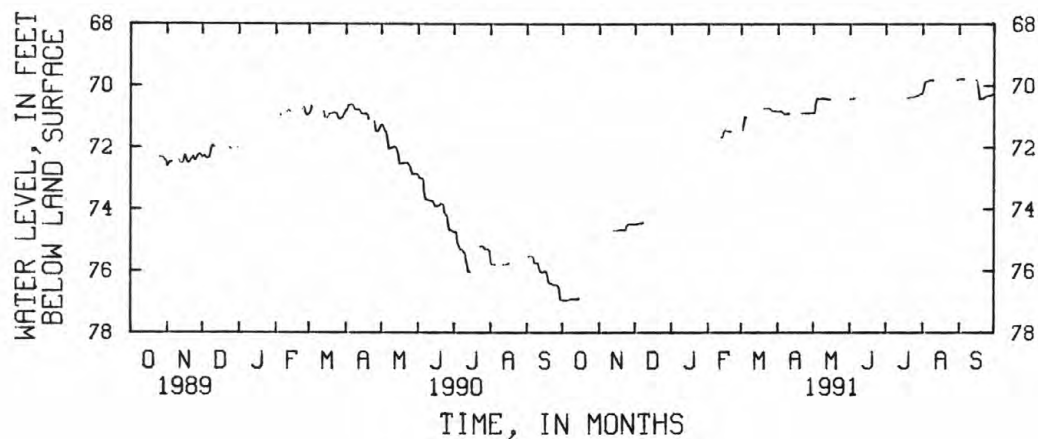
REMARKS.--Geophysical logs available in District files.

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, 76.94 ft below land-surface datum, Oct. 4, 5, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.93	---	74.49	---	---	---	70.83	70.89	70.43	---	70.22	69.79
2	76.93	---	74.49	---	---	71.44	70.83	70.88	70.42	---	70.06	69.79
3	76.93	---	74.48	---	---	71.21	70.83	70.54	70.42	---	69.89	69.79
4	76.94	---	74.46	---	---	71.03	70.84	70.42	70.42	---	69.86	69.79
5	76.94	---	74.45	---	---	71.03	70.88	70.42	70.42	---	69.86	69.79
6	76.93	---	74.45	---	---	---	70.91	70.42	---	---	69.84	---
7	76.92	---	74.45	---	---	---	70.91	70.42	---	---	69.83	---
8	76.91	---	74.43	---	---	---	70.91	70.42	---	---	69.83	---
9	76.91	---	---	---	---	---	70.91	70.42	---	---	69.83	---
10	76.91	---	---	---	---	---	70.91	70.42	---	---	69.83	---
11	76.91	---	---	---	---	---	---	70.42	---	---	---	---
12	76.91	---	---	---	71.67	---	---	70.43	---	---	---	---
13	76.91	74.69	---	---	71.67	---	---	70.44	---	---	---	---
14	76.90	74.69	---	---	71.51	---	---	70.44	---	---	---	---
15	76.88	74.69	---	---	71.45	---	---	70.44	---	---	---	69.81
16	---	74.69	---	---	71.46	---	---	---	---	---	---	69.84
17	---	74.68	---	---	71.47	---	---	---	---	---	---	70.14
18	---	74.68	---	---	71.47	---	---	---	---	---	---	70.44
19	---	74.68	---	---	71.47	---	---	---	---	70.41	---	70.44
20	---	74.68	---	---	71.48	70.74	---	---	---	70.40	---	70.43
21	---	74.68	---	---	---	70.74	70.90	---	---	70.38	---	70.43
22	---	74.68	---	---	---	70.74	70.90	---	---	70.37	---	70.41
23	---	74.67	---	---	---	70.74	70.90	---	---	70.37	---	70.36
24	---	74.54	---	---	---	70.74	70.90	---	---	70.37	---	70.35
25	---	74.49	---	---	---	70.74	70.90	---	---	70.35	---	70.35
26	---	74.49	---	---	---	70.77	70.90	---	---	70.35	---	70.34
27	---	74.49	---	---	---	70.82	70.90	---	---	70.34	---	70.33
28	---	74.49	---	---	---	70.82	70.89	---	---	70.31	---	70.31
29	---	74.49	---	---	---	70.82	70.89	---	---	70.30	---	70.30
30	---	74.49	---	---	---	70.83	70.89	---	---	70.28	69.82	70.29
31	---	---	---	---	---	70.83	---	---	---	70.26	69.80	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---



GROUND-WATER LEVELS

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.--Black Creek and Middendorf Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 350 ft, cased to 350 ft. Screened intervals unknown.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

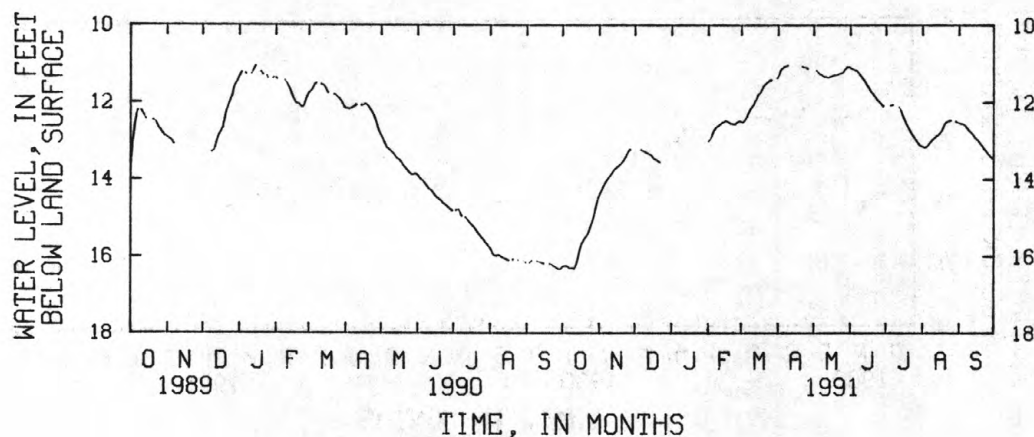
REMARKS.--June 3, 1977, Gamma logged to 350 ft. April 1980, Gamma logged to 338 ft. Pump test data available in District files. Water-level affected by nearby irrigation well.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.27	14.40	---	---	13.00	12.50	11.32	---	11.10	---	13.15	12.53
2	16.25	14.32	---	---	12.98	12.51	11.24	---	11.13	---	13.16	12.55
3	16.25	14.26	---	---	12.92	12.49	11.17	11.18	11.14	---	13.17	12.55
4	16.25	14.20	---	---	12.85	12.45	11.13	11.21	11.16	---	13.16	12.56
5	16.27	14.14	---	---	12.78	12.39	11.10	11.24	11.17	12.08	13.13	12.58
6	16.28	14.08	13.23	---	12.72	12.33	11.08	11.27	11.18	12.08	13.09	12.60
7	16.30	14.03	13.25	---	12.68	12.25	11.07	11.29	11.21	12.06	13.05	12.64
8	16.30	13.99	13.26	---	12.63	12.20	11.06	11.30	11.24	---	13.02	12.69
9	16.31	13.95	13.28	---	12.62	12.14	11.05	11.33	11.29	---	12.98	12.72
10	16.31	13.90	13.29	---	12.60	12.10	---	11.34	11.33	---	12.95	12.75
11	16.31	13.86	13.31	---	12.56	12.05	---	11.34	11.37	---	12.93	12.79
12	16.26	13.81	13.33	---	12.53	11.99	---	11.35	11.41	12.12	12.90	12.83
13	16.16	13.77	13.35	---	12.52	11.94	---	11.36	11.45	12.18	12.86	12.86
14	16.02	13.74	13.36	---	12.51	11.86	---	11.35	11.50	12.25	12.85	12.90
15	15.88	13.71	13.39	---	12.48	11.80	---	11.34	11.55	12.33	12.82	12.93
16	15.76	13.68	13.43	---	12.48	11.78	---	11.33	11.60	12.41	12.76	12.97
17	15.68	13.65	13.46	---	12.49	11.74	---	11.32	11.66	12.48	12.72	13.00
18	15.61	13.62	13.48	---	12.51	11.68	---	11.30	11.71	12.54	12.67	13.04
19	15.56	13.59	13.49	---	12.53	11.61	---	11.30	11.75	12.60	12.60	13.08
20	15.52	13.56	13.52	---	12.55	11.56	---	11.30	11.79	12.66	12.55	13.12
21	15.47	13.53	13.54	---	12.55	11.53	11.07	11.28	11.83	12.73	12.51	13.16
22	15.40	13.48	13.55	---	12.56	11.50	11.09	11.27	11.87	12.78	12.49	13.21
23	15.34	13.42	---	---	12.57	11.47	11.09	11.26	11.91	12.83	12.48	13.24
24	15.26	13.36	---	---	12.55	11.45	11.10	11.25	11.95	12.87	12.47	13.28
25	15.18	13.30	---	---	12.53	11.43	11.11	11.24	11.97	12.92	12.47	13.33
26	15.09	13.25	---	---	12.50	11.42	11.14	11.21	12.01	12.96	---	13.36
27	14.98	13.22	---	---	12.49	---	---	11.17	12.04	13.01	---	13.40
28	14.85	---	---	---	12.49	---	---	11.13	12.08	13.06	---	13.43
29	14.71	---	---	---	---	---	---	11.10	12.10	13.10	12.49	13.45
30	14.59	---	---	---	---	---	---	11.09	---	13.12	12.51	13.46
31	14.48	---	---	---	---	11.37	---	11.09	---	13.14	12.52	---
MEAN	15.71	13.77	---	---	12.61	11.91	---	11.26	11.57	---	12.80	12.97
MAX	16.31	14.40	---	---	13.00	12.51	---	11.36	12.10	---	13.17	13.46
MIN	14.48	13.22	---	---	12.48	11.37	---	11.09	11.10	---	12.47	12.53



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.--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.--Water-stage recorder--60 minute punch interval.

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.

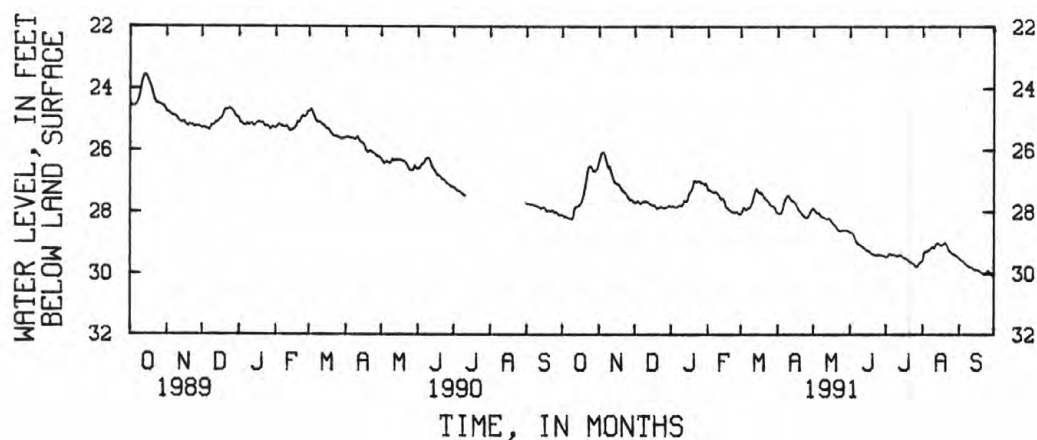
REMARKS.--Water-quality data available in District files.

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, 30.08 ft below land-surface datum, Sept. 30, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.12	26.36	27.71	27.85	27.28	28.07	28.04	27.89	28.67	29.46	29.57	29.51
2	28.14	26.21	27.71	27.83	27.30	27.98	28.06	27.94	28.67	29.47	29.35	29.56
3	28.18	26.11	27.67	27.83	27.32	27.88	28.06	27.99	28.71	29.44	29.30	29.58
4	28.17	26.07	27.67	27.85	27.34	27.87	28.03	28.04	28.75	29.37	29.29	29.59
5	28.19	26.08	27.72	27.86	27.36	27.94	27.92	28.04	28.85	29.38	29.29	29.63
6	28.21	26.20	27.73	27.85	27.39	27.92	27.75	28.06	28.96	29.40	29.25	29.68
7	28.22	26.34	27.72	27.82	27.36	27.88	27.64	28.12	29.02	29.38	29.23	29.72
8	28.23	26.50	27.67	27.79	27.37	27.89	27.56	28.16	29.04	29.40	29.19	29.75
9	28.24	26.59	27.69	27.80	27.41	27.84	27.49	28.18	29.07	29.42	29.14	29.77
10	28.18	26.53	27.66	27.81	27.45	27.73	27.47	28.19	29.10	29.44	29.15	29.79
11	27.92	26.74	27.67	27.74	27.53	27.62	27.54	28.22	29.12	29.44	29.17	29.79
12	27.85	26.84	27.69	27.65	27.60	27.48	27.61	28.23	29.15	29.41	29.07	29.82
13	27.83	26.95	27.71	27.66	27.59	27.32	27.65	28.23	29.19	29.41	29.02	29.85
14	27.82	27.04	27.75	27.66	27.58	27.26	27.66	28.22	29.23	29.41	29.02	29.87
15	27.79	27.09	27.77	27.60	27.68	27.31	27.68	28.25	29.26	29.46	29.04	29.89
16	27.76	27.10	27.78	27.43	27.83	27.37	27.75	28.31	29.27	29.49	29.08	29.88
17	27.69	27.11	27.81	27.37	27.87	27.40	27.82	28.36	29.29	29.51	29.09	29.90
18	27.56	27.17	27.80	27.32	27.90	27.37	27.88	28.40	29.33	29.52	29.06	29.92
19	27.44	27.22	27.86	27.22	27.94	27.43	27.96	28.44	29.36	29.54	29.04	29.95
20	27.23	27.27	27.90	27.01	27.97	27.51	28.00	28.49	29.38	29.59	29.00	29.97
21	26.98	27.33	27.88	27.00	28.00	27.56	28.04	28.55	29.39	29.62	29.06	30.00
22	26.78	27.36	27.88	27.02	28.01	27.61	28.10	28.59	29.41	29.64	29.14	30.03
23	26.55	27.38	27.85	27.02	28.01	27.64	28.15	28.62	29.41	29.65	29.23	30.03
24	26.53	27.44	27.84	27.00	28.03	27.67	28.17	28.63	29.41	29.68	29.29	29.99
25	26.52	27.51	27.88	27.02	28.02	27.74	28.21	28.61	29.41	29.72	29.31	29.92
26	26.59	27.57	27.88	27.05	28.02	27.79	28.19	28.61	29.40	29.77	29.36	29.94
27	26.67	27.62	27.88	27.07	28.07	27.81	28.13	28.61	29.40	29.78	29.38	30.00
28	26.67	27.62	27.86	27.07	28.09	27.83	28.05	28.61	29.42	29.74	29.38	30.04
29	26.69	27.63	27.85	27.13	---	27.85	27.99	28.61	29.43	29.67	29.42	30.07
30	26.64	27.69	27.81	27.09	---	27.91	27.92	28.62	29.44	29.64	29.44	30.08
31	26.51	---	27.82	27.16	---	28.01	---	28.65	---	29.62	29.47	---
MEAN	27.48	26.96	27.78	27.44	27.69	27.69	27.88	28.34	29.18	29.53	29.22	29.85
MAX	28.24	27.69	27.90	27.86	28.09	28.07	28.21	28.65	29.44	29.78	29.57	30.08
MIN	26.51	26.07	27.66	27.00	27.28	27.26	27.47	27.89	28.67	29.37	29.00	29.51



GROUND-WATER LEVELS

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.--Water-stage recorder--60 minute punch interval.

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.

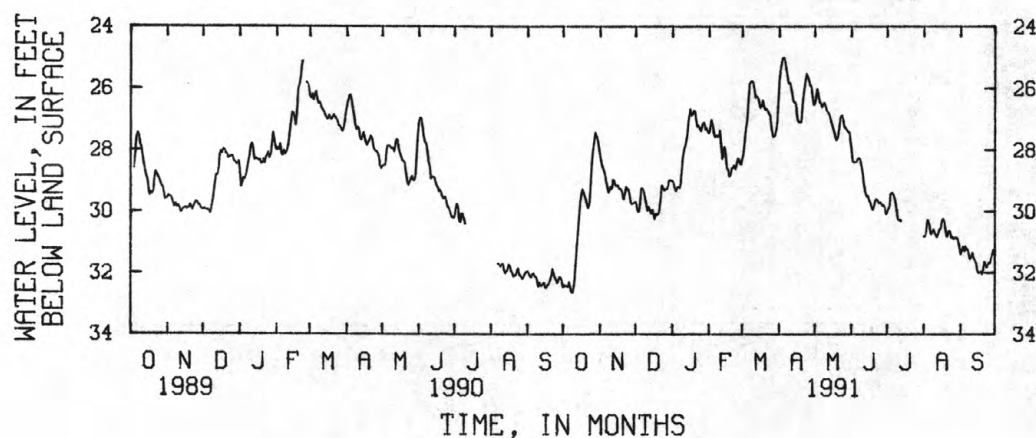
REMARKS.--1957 water-quality data on file in District office.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.46	28.15	29.70	28.99	27.46	28.28	25.75	26.47	28.01	30.03	30.81	31.40
2	32.40	28.39	29.82	29.11	27.25	28.01	25.39	26.23	28.37	29.94	30.82	31.29
3	32.43	28.55	30.02	29.28	27.03	27.63	25.16	26.02	28.40	29.85	30.67	31.17
4	32.44	28.67	30.00	29.36	27.20	27.26	25.02	26.22	28.41	29.43	30.28	31.28
5	32.46	28.76	29.63	29.22	27.46	27.01	25.00	26.46	28.40	29.39	30.34	31.15
6	32.31	29.02	29.24	29.22	27.59	26.30	25.12	26.49	28.31	29.43	30.55	31.24
7	32.47	29.14	29.26	29.25	27.53	25.84	25.44	26.62	28.27	29.52	30.76	31.25
8	32.63	29.39	29.41	29.11	27.57	25.78	25.73	26.53	28.29	29.67	30.70	31.45
9	32.65	29.33	29.56	28.53	27.55	25.77	25.85	26.47	28.43	29.96	30.61	31.56
10	32.46	29.21	29.81	28.17	27.37	25.80	25.84	26.56	28.64	30.24	30.67	31.48
11	32.13	29.27	29.99	27.93	27.87	26.07	26.05	26.74	29.03	30.29	30.76	31.35
12	31.45	28.97	29.86	27.83	28.30	26.31	26.27	26.78	29.26	30.29	30.84	31.54
13	30.86	29.00	29.94	27.61	28.12	26.26	26.43	26.84	29.45	30.32	30.76	31.59
14	30.33	29.16	30.07	27.26	27.90	26.32	26.43	26.98	29.53	---	30.60	31.69
15	29.81	29.19	29.96	26.92	28.20	26.46	26.56	27.15	29.51	---	30.58	31.91
16	29.47	29.15	30.11	26.67	28.61	26.63	26.96	27.28	29.67	---	30.33	32.01
17	29.28	29.25	30.25	26.88	28.63	26.59	27.11	27.40	29.75	---	30.25	31.98
18	29.38	29.28	30.09	26.85	28.87	26.39	27.08	27.51	29.89	---	30.33	31.97
19	29.51	29.31	30.12	26.74	28.83	26.59	27.12	27.68	29.95	---	30.55	32.05
20	29.63	29.46	30.09	26.72	28.61	26.69	26.91	27.63	29.85	---	30.82	31.94
21	29.76	29.62	29.94	27.05	28.59	26.68	26.32	27.44	29.66	---	30.80	31.64
22	29.89	29.39	29.58	27.25	28.49	26.73	26.05	27.08	29.60	---	30.65	31.75
23	29.78	29.20	29.15	27.20	28.63	26.81	25.76	26.88	29.64	---	30.66	31.83
24	29.16	29.28	29.20	27.30	28.54	26.87	25.52	26.87	29.74	---	30.86	31.73
25	28.49	29.30	29.32	27.39	28.30	27.20	25.60	27.07	29.71	---	30.83	31.67
26	28.05	29.50	29.29	27.24	28.30	27.46	25.77	27.27	29.75	---	30.89	31.68
27	27.71	29.74	29.29	27.12	28.45	27.58	25.91	27.29	29.82	---	30.85	31.51
28	27.43	29.76	29.23	27.11	28.49	27.56	25.95	27.36	29.80	---	30.89	31.40
29	27.54	29.74	29.00	27.33	---	27.41	26.31	27.41	29.86	---	30.86	31.25
30	27.66	29.72	28.97	27.30	---	27.21	26.55	27.43	30.11	---	31.01	31.40
31	27.92	---	29.00	27.41	---	26.51	---	27.62	---	---	31.15	---
MEAN	30.32	29.20	29.64	27.79	28.06	26.77	26.03	26.96	29.24	---	30.69	31.57
MAX	32.65	29.76	30.25	29.36	28.87	28.28	27.12	27.68	30.11	---	31.15	32.05
MIN	27.43	28.15	28.97	26.67	27.03	25.77	25.00	26.02	28.01	---	30.25	31.15



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.--Middenforf and Cape Fear Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320-335 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

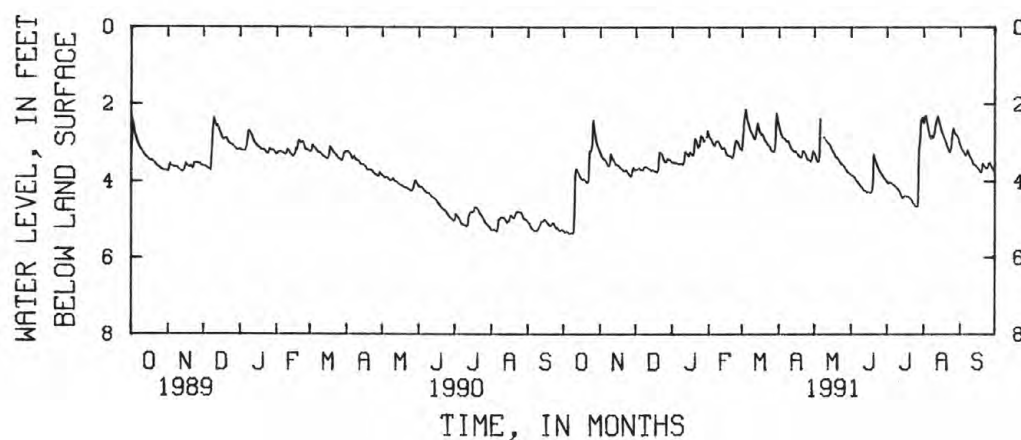
REMARKS.--1971 Gamma and Caliper logged to 297 ft. Also known as MLB-134.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.29	3.26	3.69	3.51	2.84	3.19	2.58	3.27	3.83	4.01	2.51	3.08
2	5.34	3.34	3.69	3.50	2.89	2.74	2.70	3.37	3.84	4.06	2.33	3.16
3	5.33	3.39	3.67	3.52	2.94	2.34	2.81	3.44	3.87	4.03	2.31	3.21
4	5.32	3.41	3.65	3.51	3.00	2.14	2.87	3.49	3.91	4.03	2.52	3.25
5	5.33	3.43	3.69	3.52	3.06	2.39	2.89	3.47	3.97	4.05	2.70	3.32
6	5.38	3.50	3.69	3.53	3.10	2.49	2.91	2.39	4.01	4.08	2.83	3.33
7	5.36	3.55	3.70	3.55	2.99	2.59	2.97	---	4.04	4.10	2.90	3.20
8	5.36	3.59	3.62	3.54	2.97	2.70	3.00	---	4.08	4.13	2.84	3.28
9	5.36	3.57	3.62	3.54	2.97	2.76	2.97	2.88	4.13	4.16	2.89	3.36
10	5.25	3.29	3.61	3.56	3.03	2.83	3.04	2.92	4.16	4.20	2.80	3.41
11	3.78	3.40	3.65	3.45	3.11	2.89	3.14	2.98	4.22	4.23	2.57	3.45
12	3.67	3.43	3.66	3.23	3.17	2.92	3.19	3.01	4.24	4.29	2.46	3.55
13	3.75	3.49	3.67	3.26	3.15	2.74	3.21	3.03	4.26	4.38	2.33	3.56
14	3.81	3.55	3.72	3.31	3.14	2.50	3.23	3.07	4.31	4.44	2.47	3.58
15	3.87	3.57	3.70	3.34	3.22	2.63	3.23	3.15	4.28	4.44	2.58	3.63
16	3.94	3.57	3.71	3.25	3.31	2.75	3.28	3.21	4.29	4.40	2.70	3.66
17	3.96	3.60	3.74	3.27	3.32	2.81	3.31	3.25	4.31	4.40	2.80	3.70
18	3.94	3.65	3.72	3.32	3.34	2.78	3.35	3.32	4.30	4.41	2.87	3.76
19	3.98	3.67	3.77	3.31	3.35	2.87	3.38	3.38	4.17	4.41	2.94	3.76
20	4.01	3.70	3.68	2.91	3.37	2.94	3.38	3.39	3.32	4.44	3.03	3.54
21	4.03	3.73	3.25	2.93	3.39	2.99	3.22	3.42	3.45	4.47	3.13	3.58
22	3.99	3.72	3.25	3.05	3.26	3.03	3.23	3.47	3.53	4.51	3.19	3.63
23	3.22	3.71	3.28	3.12	3.02	3.07	3.29	3.51	3.60	4.59	3.25	3.66
24	3.22	3.76	3.36	3.08	2.95	3.11	3.35	3.55	3.68	4.63	3.18	3.66
25	3.14	3.79	3.44	2.84	2.98	3.18	3.43	3.57	3.73	4.68	2.85	3.53
26	2.44	3.83	3.49	2.85	3.04	3.22	3.44	3.61	3.77	4.68	2.64	3.51
27	2.73	3.86	3.49	2.91	3.13	3.23	3.46	3.65	3.83	4.68	2.75	3.59
28	2.88	3.78	3.42	2.97	3.18	3.24	3.48	3.71	3.89	3.15	2.80	3.66
29	3.03	3.63	3.43	---	---	2.99	3.41	3.76	3.92	2.91	2.83	3.69
30	3.13	3.69	3.43	2.87	---	2.25	3.23	3.77	3.96	2.41	2.89	3.72
31	3.19	---	3.48	2.69	---	2.47	---	3.81	---	2.36	2.97	---
MEAN	4.10	3.58	3.58	3.24	3.11	2.80	3.17	3.34	3.96	4.12	2.77	3.50
MAX	5.38	3.86	3.77	3.56	3.39	3.24	3.48	3.81	4.31	4.68	3.25	3.76
MIN	2.44	3.26	3.25	2.69	2.84	2.14	2.58	2.39	3.32	2.36	2.31	3.08



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 Formation.

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.

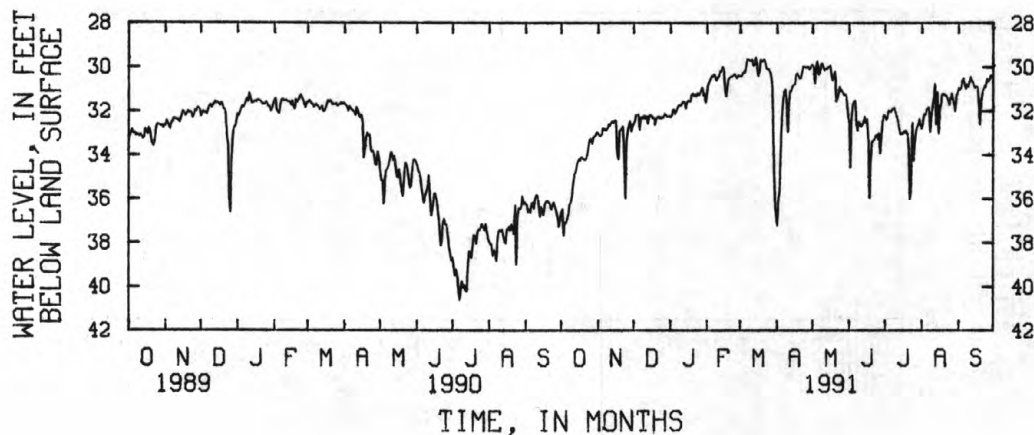
REMARKS.--Test hole Electric and Gamma logged Feb. 20, 1973 to a depth of 300 ft. Gamma logged Apr. 6, 1979 to a depth of 220 ft. Electric logged Apr. 6, 1979, depth 220 ft. Caliper logged Apr. 6, 1979, depth 220 ft. Gamma logged in 1981 to a depth of 204 ft. Water-level affected by nearby pumpage.

PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 29.58 ft below land-surface datum, Mar. 14, 1991; lowest, 43.84 ft below land-surface datum, Sept. 19, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.68	33.00	32.57	32.28	31.10	30.41	37.21	29.90	32.50	32.21	32.79	30.97
2	36.47	33.11	32.43	32.20	30.76	30.41	36.07	30.01	34.56	32.38	32.42	31.01
3	37.68	33.12	32.17	31.96	30.66	30.31	35.75	30.75	32.20	32.29	32.15	30.95
4	37.08	33.07	32.18	31.91	30.51	30.22	34.01	29.88	31.71	31.98	32.15	30.63
5	37.09	32.77	32.15	32.11	30.43	30.25	32.35	29.73	31.58	32.01	31.93	30.53
6	36.90	32.85	32.83	31.98	30.40	29.87	31.45	30.34	31.51	32.04	31.86	30.78
7	36.76	32.80	32.31	31.90	30.34	29.64	31.11	30.30	32.63	31.91	31.84	30.99
8	36.27	32.85	32.28	31.75	30.45	29.67	30.99	29.92	32.89	31.88	32.93	30.81
9	36.13	32.73	32.32	31.70	30.60	29.68	31.64	29.83	32.52	31.85	32.11	30.90
10	35.84	32.61	32.21	31.74	30.49	29.68	32.95	29.99	32.54	32.08	31.83	30.68
11	35.37	32.63	32.31	31.64	30.42	29.66	31.66	30.13	32.69	32.25	31.42	30.47
12	34.89	32.53	32.24	31.58	30.21	29.93	31.10	30.11	32.63	32.46	30.75	30.65
13	34.79	32.47	32.56	31.58	30.19	29.92	31.08	30.08	32.53	32.82	32.59	30.68
14	34.48	32.53	32.22	31.88	30.00	29.58	30.87	30.02	32.27	33.04	31.15	30.87
15	34.29	32.42	32.19	31.61	30.04	29.82	30.81	29.99	32.51	33.02	33.01	30.94
16	34.18	32.44	32.19	31.53	30.97	30.40	30.76	29.94	32.37	33.03	31.79	30.92
17	34.24	33.91	32.31	31.53	31.35	30.24	30.37	30.39	33.37	32.92	31.73	30.91
18	34.09	34.17	32.32	31.55	30.91	29.67	30.28	30.59	35.96	32.97	31.27	31.71
19	34.13	32.89	32.60	31.27	30.53	29.74	30.41	30.41	34.32	32.90	31.21	32.60
20	34.19	32.85	32.35	31.18	30.50	29.69	30.49	30.22	33.41	33.04	31.24	31.60
21	34.21	32.75	32.31	31.30	30.44	29.67	30.50	31.56	33.34	33.71	31.29	31.18
22	34.15	32.68	32.24	31.23	30.42	29.77	30.21	31.40	33.32	36.01	31.33	30.99
23	33.93	34.09	32.30	31.31	30.38	30.06	29.98	31.11	33.14	35.52	31.52	30.87
24	33.62	35.96	32.33	31.18	30.33	30.08	29.98	30.91	33.06	32.54	31.72	30.88
25	33.29	33.37	32.27	31.27	30.38	30.10	30.01	31.06	33.27	34.25	31.42	30.57
26	33.26	32.83	32.29	31.19	30.50	30.24	30.02	31.08	33.01	33.45	31.20	30.65
27	33.46	32.63	32.14	31.08	30.39	30.37	29.97	31.20	33.92	32.90	31.44	30.58
28	33.21	32.47	32.16	30.93	30.39	30.84	30.09	31.28	32.95	32.71	31.60	30.41
29	33.14	32.91	32.25	31.28	---	33.98	30.08	31.26	32.47	32.62	32.00	30.39
30	33.08	32.61	32.23	31.21	---	35.70	29.92	31.54	32.21	32.37	31.28	30.41
31	32.97	---	32.22	31.60	---	36.66	---	32.19	---	32.65	31.18	---
MEAN	34.83	33.00	32.31	31.56	30.50	30.52	31.40	30.55	32.91	32.83	31.75	30.88
MAX	37.68	35.96	32.83	32.28	31.35	36.66	37.21	32.19	35.96	36.01	33.01	32.60
MIN	32.97	32.42	32.14	30.93	30.00	29.58	29.92	29.73	31.51	31.85	30.75	30.39



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.--Water-stage recorder--60 minute punch 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.

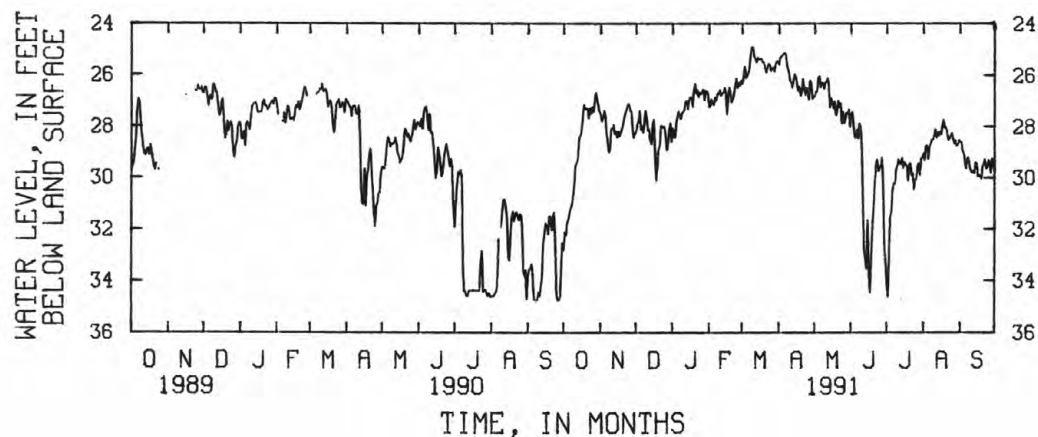
REMARKS.--Water-quality analysis on file in District office. Caliper logged July 23, 1980, depth 546 ft. Gamma logged July 23, 1980, depth 371 ft. Water-level affected by nearby irrigational pumpage.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.84	27.54	28.21	28.09	27.27	26.34	25.58	26.84	27.62	33.95	29.06	28.57
2	32.13	27.81	27.92	28.33	27.21	26.07	25.29	26.66	27.42	34.65	29.32	28.62
3	32.26	27.67	27.81	28.43	26.95	25.65	25.24	26.65	28.01	33.29	28.79	28.95
4	31.75	27.39	27.38	27.82	27.12	26.11	25.21	26.08	28.43	31.51	28.73	29.05
5	31.64	27.58	28.14	27.61	27.16	26.03	25.14	26.03	28.46	31.36	29.29	29.30
6	31.35	28.35	27.99	27.40	26.87	25.91	25.12	26.49	28.14	30.45	28.79	29.65
7	31.18	28.57	28.25	27.58	26.99	25.61	25.28	26.29	28.48	30.21	28.69	29.25
8	31.08	29.02	27.75	27.71	26.74	25.21	25.73	26.31	27.89	30.25	28.53	29.20
9	30.60	28.91	27.37	27.47	26.69	24.90	25.84	26.55	28.00	29.67	28.53	29.57
10	30.28	28.09	27.71	27.42	26.59	24.90	26.20	26.30	28.87	29.53	28.32	29.76
11	29.49	28.09	28.17	27.34	26.82	25.27	26.29	26.22	31.15	29.29	28.13	29.81
12	29.46	27.92	28.14	27.04	26.72	25.34	26.49	26.11	32.83	29.45	28.45	29.74
13	29.19	28.31	28.56	26.98	26.69	25.49	26.17	26.42	33.14	29.48	28.25	29.83
14	28.44	28.21	28.69	27.31	26.50	25.32	25.96	27.26	33.55	29.24	28.36	29.40
15	28.40	28.45	27.88	26.97	26.70	25.34	26.06	26.92	31.65	29.64	28.21	29.46
16	28.12	28.20	27.73	26.86	27.53	25.37	26.43	27.06	33.58	29.40	28.31	29.96
17	27.59	28.38	28.91	26.90	26.88	25.34	26.62	27.29	34.48	29.47	27.93	29.91
18	27.14	28.26	30.14	27.23	26.48	25.48	26.46	27.04	33.31	29.57	27.73	29.94
19	27.33	28.09	29.58	26.58	26.73	25.49	26.82	27.56	31.86	30.14	28.06	30.06
20	27.28	27.93	28.89	26.34	27.07	25.68	26.73	27.44	31.27	29.49	28.03	29.57
21	27.30	27.72	28.78	26.71	26.96	25.89	26.14	27.00	30.17	29.43	28.23	29.45
22	27.70	27.48	27.96	26.61	26.73	25.71	26.50	27.26	29.44	29.93	28.54	29.29
23	27.29	27.35	28.05	26.85	26.41	25.56	26.78	27.10	29.28	29.83	28.49	29.66
24	27.49	27.15	28.03	26.68	26.13	25.57	26.51	27.90	29.76	30.48	28.37	29.61
25	27.27	27.12	28.00	26.73	26.50	25.83	26.73	27.43	29.59	30.10	28.27	29.34
26	27.43	27.38	28.31	26.65	26.32	25.73	26.97	27.88	29.59	30.03	28.52	29.40
27	27.01	27.42	28.94	26.57	26.41	25.71	26.22	27.75	29.23	29.55	28.67	29.80
28	26.69	28.15	28.74	26.97	26.22	25.84	26.28	27.47	30.37	29.44	28.55	29.26
29	26.97	28.44	28.17	26.63	---	25.54	26.92	27.45	32.65	29.92	28.75	29.53
30	27.17	28.32	27.87	26.63	---	25.45	26.87	27.34	33.23	29.26	28.73	29.72
31	27.44	---	28.60	26.74	---	25.44	---	28.03	---	29.21	28.55	---
MEAN	28.95	27.98	28.28	27.13	26.76	25.58	26.15	26.97	30.38	30.23	28.49	29.49
MAX	32.84	29.02	30.14	28.43	27.53	26.34	26.97	28.03	34.48	34.65	29.32	30.06
MIN	26.69	27.12	27.37	26.34	26.13	24.90	25.12	26.03	27.42	29.21	27.73	28.57



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.--Rocks of Paleozoic age.

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.

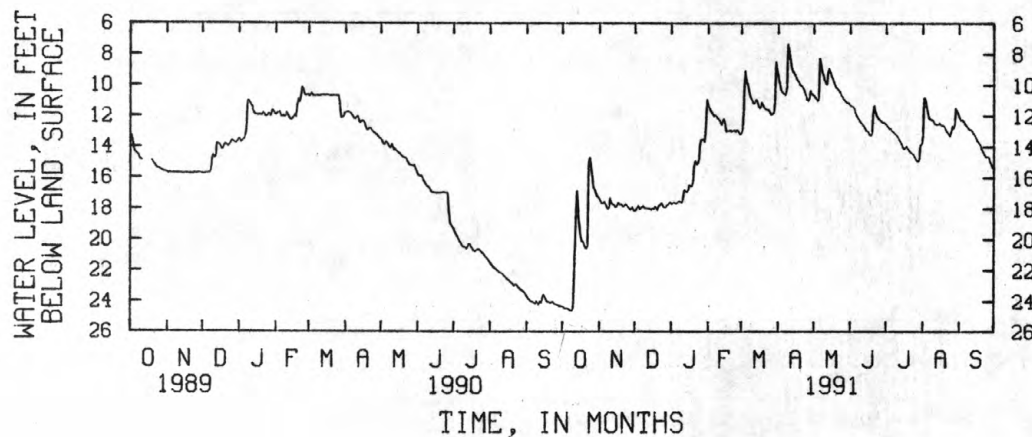
REMARKS.--Water-level affected by nearby pumping.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.36	17.37	18.13	17.71	11.31	13.08	9.48	10.64	11.33	12.57	13.34	12.04
2	24.40	17.53	18.06	17.63	11.50	12.67	9.83	10.79	11.34	12.67	10.84	12.25
3	24.46	17.63	17.94	17.60	11.65	10.82	10.22	10.90	11.42	12.77	10.81	12.29
4	24.46	17.63	17.83	17.62	11.78	9.08	10.42	11.01	11.52	12.85	11.39	12.27
5	24.49	17.56	18.00	17.66	11.90	9.71	10.49	10.96	11.78	12.82	11.79	12.35
6	24.52	17.69	17.95	17.61	11.99	9.93	10.54	8.27	11.99	12.97	12.08	12.51
7	24.56	17.87	17.91	17.51	11.96	10.22	10.64	8.59	12.11	13.04	12.19	12.62
8	24.60	17.98	17.84	17.55	12.05	10.64	10.20	9.11	12.22	13.11	12.23	12.73
9	24.61	17.95	17.94	17.56	12.17	10.87	7.36	9.41	12.35	13.19	12.25	12.83
10	24.37	17.32	17.94	17.59	12.23	11.01	7.61	9.66	12.46	13.29	12.37	12.89
11	21.85	17.65	17.96	17.26	12.40	11.16	8.34	9.88	12.55	13.40	12.53	12.92
12	19.21	17.68	17.99	16.81	12.56	11.15	8.82	9.94	12.63	13.54	12.55	13.02
13	16.85	17.72	17.96	16.86	12.40	10.94	9.10	9.14	12.77	13.64	12.55	13.16
14	18.09	17.84	18.04	16.91	12.20	10.97	9.17	8.93	12.93	13.80	12.55	13.27
15	19.08	17.89	18.04	16.81	12.54	11.29	9.33	9.18	13.00	14.02	12.47	13.43
16	19.73	17.77	17.97	16.48	13.00	11.48	9.54	9.46	13.05	14.13	12.57	13.58
17	20.08	17.63	18.01	16.52	13.00	11.42	9.68	9.59	13.20	14.09	12.61	13.67
18	20.12	17.72	17.87	16.55	12.98	11.12	9.75	9.79	13.25	13.96	12.60	13.79
19	20.24	17.71	17.93	16.36	12.96	11.28	9.96	10.06	13.24	14.09	12.66	13.92
20	20.47	17.74	18.09	15.23	12.96	11.46	10.03	10.17	11.93	14.19	12.78	14.15
21	20.58	17.85	17.82	14.91	13.00	11.51	10.05	10.24	11.34	14.29	12.98	14.34
22	20.45	17.82	17.78	15.09	12.97	11.56	10.23	10.35	11.78	14.37	13.08	14.49
23	15.04	17.69	17.64	15.13	12.94	11.58	10.40	10.45	11.99	14.42	13.19	14.59
24	14.67	17.74	17.64	14.94	13.02	11.60	10.61	10.64	12.12	14.50	13.31	14.66
25	15.45	17.86	17.85	13.83	12.92	11.78	10.91	10.73	12.22	14.66	13.04	14.62
26	16.05	17.96	17.91	13.55	12.94	11.88	11.01	10.87	12.28	14.81	12.67	14.70
27	16.62	18.04	17.92	13.53	13.11	11.85	10.89	10.99	12.36	14.90	12.77	14.94
28	16.79	17.98	17.79	13.51	13.18	11.80	10.37	11.09	12.43	14.94	12.57	15.15
29	17.00	17.93	17.74	13.67	---	11.18	10.51	11.13	12.44	14.78	11.48	15.32
30	17.18	18.13	17.63	12.67	---	8.47	10.62	11.13	12.48	13.89	11.69	15.39
31	17.27	---	17.59	10.92	---	9.07	---	11.22	---	13.81	11.85	---
MEAN	20.25	17.76	17.89	15.92	12.49	11.05	9.87	10.14	12.28	13.79	12.38	13.60
MAX	24.61	18.13	18.13	17.71	13.18	13.08	11.01	11.22	13.25	14.94	13.34	15.39
MIN	14.67	17.32	17.59	10.92	11.31	8.47	7.36	8.27	11.33	12.57	10.81	12.04



GROUND-WATER LEVELS

461

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.--Black Creek and Middendorf Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 260 ft, 8 in from 211 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.

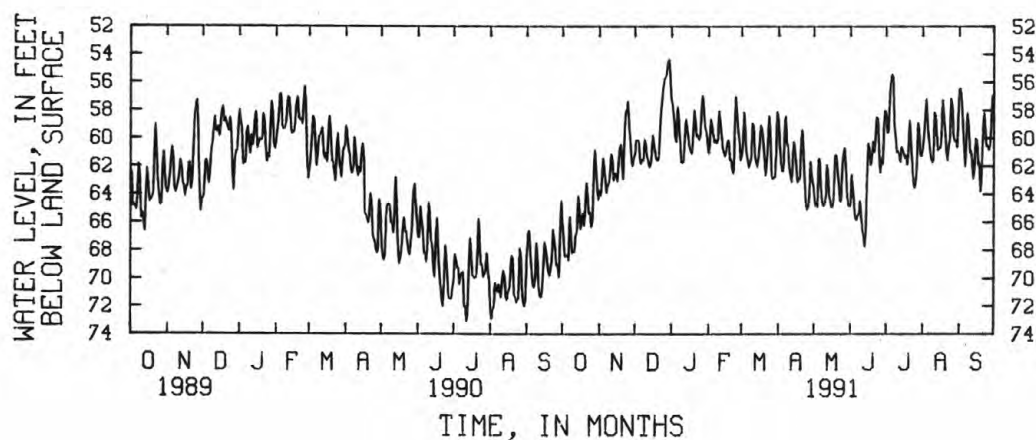
REMARKS.--Original screened interval 415-435 ft cement plugged Jan. 21, 1953. Geophysical logged Sept. 1979 to 364 ft. Water-level affected by pumping of nearby wells. Geophysical logs and water-quality data available in District files.

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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66.10	63.76	61.13	57.32	61.09	61.24	58.62	63.74	64.79	58.14	60.64	56.51
2	67.45	64.10	60.18	57.82	60.54	60.42	60.34	64.83	62.63	59.58	59.92	56.41
3	68.46	63.15	60.14	58.63	58.63	58.15	61.73	64.63	63.72	59.59	58.79	57.51
4	68.42	61.42	60.15	59.95	59.19	59.46	62.36	64.92	64.74	57.46	57.20	59.32
5	68.31	62.08	61.41	60.29	59.81	61.15	62.37	61.52	65.75	55.99	59.00	60.84
6	68.75	63.04	61.82	57.77	60.31	61.50	59.77	61.46	65.86	55.47	59.88	62.03
7	65.61	63.90	61.53	58.78	60.14	62.05	58.42	63.69	65.51	55.56	60.61	59.81
8	66.85	63.32	61.61	60.27	60.36	61.73	60.43	64.55	65.45	59.17	61.52	58.21
9	68.21	63.20	60.09	61.67	60.13	61.41	60.52	64.84	64.52	59.77	61.75	59.21
10	68.10	62.61	60.41	61.76	58.05	58.92	62.15	64.71	65.46	60.98	61.59	61.05
11	68.16	61.15	61.36	61.69	58.82	59.03	62.55	64.24	66.60	60.96	58.16	60.92
12	66.96	61.55	61.59	60.03	59.76	61.14	63.12	61.89	66.91	61.15	58.32	61.89
13	66.65	63.04	62.01	58.67	60.77	61.62	61.46	62.51	67.72	61.71	60.13	62.89
14	64.13	62.54	62.01	59.37	61.09	62.03	60.27	64.10	66.70	60.64	60.86	61.93
15	64.82	62.56	60.97	60.08	61.30	61.35	60.83	64.61	62.67	60.78	60.65	60.03
16	66.49	63.08	59.79	60.63	60.84	60.58	62.14	64.96	60.36	61.06	60.71	60.16
17	65.69	61.91	60.42	60.96	60.23	59.07	63.12	64.82	60.77	61.41	59.81	61.95
18	65.38	60.70	61.12	60.13	60.13	59.33	63.01	63.86	61.93	61.22	57.24	61.78
19	66.26	60.48	61.45	59.73	61.55	59.97	62.88	61.24	61.45	61.89	58.57	63.84
20	64.96	61.91	61.60	58.02	61.54	61.42	60.57	61.20	60.25	60.74	59.72	62.28
21	63.20	62.92	61.40	59.04	62.27	62.65	59.40	62.07	60.98	58.74	60.96	59.46
22	64.09	60.47	59.41	59.86	62.54	61.77	60.80	63.39	60.20	60.01	61.57	58.16
23	65.38	58.15	57.90	59.81	59.12	60.37	63.13	64.47	58.51	61.75	60.46	59.39
24	65.28	58.04	57.09	60.12	57.03	58.41	64.61	64.54	58.55	63.13	60.13	60.59
25	66.33	57.37	56.13	59.87	58.49	59.86	65.11	62.17	61.21	63.55	57.18	60.52
26	66.04	59.30	55.74	58.07	59.58	62.42	64.91	61.14	62.48	63.12	57.81	60.85
27	63.18	60.11	55.60	56.95	60.21	62.90	64.12	60.73	61.41	61.92	59.95	60.66
28	60.82	61.53	55.25	57.88	61.57	62.86	61.69	61.92	61.86	58.89	60.22	58.59
29	62.22	62.00	54.52	59.27	---	62.80	62.72	64.08	59.44	59.37	60.14	56.96
30	63.44	61.36	54.35	59.45	---	60.81	63.25	64.75	58.04	61.23	60.64	58.85
31	64.39	---	56.18	60.11	---	58.12	---	64.89	---	61.31	58.54	---
MEAN	65.81	61.69	59.50	59.52	60.18	60.79	61.88	63.43	62.88	60.20	59.76	60.09
MAX	68.75	64.10	62.01	61.76	62.54	62.90	65.11	64.96	67.72	63.55	61.75	63.84
MIN	60.82	57.37	54.35	56.95	57.03	58.12	58.42	60.73	58.04	55.47	57.18	56.41



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.--Water-stage recorder--60 minute punch interval.

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.

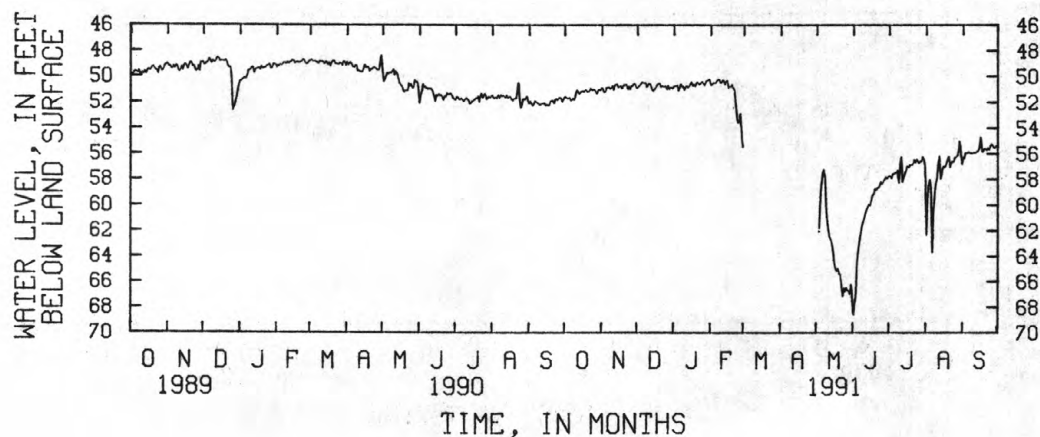
REMARKS.--1978 water-quality data on file in District office. Caliper and gamma logged Oct. 11, 1978, depth 256 ft. Water-level affected by nearby irrigational pumpage.

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, 68.59 ft below land-surface datum, June 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51.62	50.89	50.91	50.76	50.61	---	---	---	68.59	57.74	62.34	56.31
2	51.59	50.93	50.77	50.76	50.65	---	---	---	67.68	57.74	59.46	56.34
3	51.67	51.22	50.71	50.73	50.51	---	---	62.05	67.12	57.94	58.43	55.96
4	51.70	51.17	50.55	50.70	50.49	---	---	59.55	64.52	57.61	58.02	55.93
5	51.65	50.90	50.47	51.10	50.54	---	---	58.32	63.58	57.55	58.88	55.93
6	51.86	50.83	50.49	50.82	50.39	---	---	57.55	62.86	57.49	63.70	55.82
7	51.84	50.82	50.49	50.62	50.27	---	---	57.25	62.33	57.51	60.43	55.98
8	51.69	50.94	50.50	50.81	50.23	---	---	57.84	61.72	57.29	59.09	55.91
9	51.81	50.91	50.80	50.74	50.46	---	---	60.07	61.39	58.33	58.40	55.98
10	51.46	50.72	50.67	51.05	50.49	---	---	61.29	60.93	57.10	58.00	55.91
11	51.08	51.02	50.56	50.84	50.30	---	---	61.98	60.67	56.26	56.80	55.93
12	51.11	50.69	50.58	50.73	50.32	---	---	62.54	60.40	58.20	56.16	55.90
13	51.33	50.62	50.85	50.87	50.62	---	---	62.70	60.19	57.80	58.00	55.87
14	51.29	50.62	51.13	50.72	50.40	---	---	63.13	59.94	57.52	57.54	55.71
15	51.14	50.83	51.07	50.62	50.34	---	---	63.63	60.03	57.36	57.00	55.49
16	51.13	50.78	50.97	50.47	50.87	---	---	64.59	59.68	56.97	57.08	54.73
17	51.20	50.74	50.76	50.70	50.80	---	---	65.02	59.21	57.09	56.99	55.80
18	51.10	50.92	50.63	50.62	50.82	---	---	65.18	59.15	56.92	56.68	55.87
19	51.06	50.74	50.56	50.78	50.64	---	---	64.98	58.73	56.91	56.47	55.63
20	51.17	50.65	50.56	50.51	50.90	---	---	65.39	58.86	56.87	56.22	55.65
21	51.17	50.64	50.80	50.47	51.01	---	---	65.46	58.69	56.69	57.06	55.76
22	51.09	50.63	50.72	50.57	52.22	---	---	66.49	58.66	56.46	56.73	55.56
23	50.96	50.95	50.79	50.62	53.16	---	---	67.16	58.52	56.68	56.61	55.70
24	51.08	50.78	50.79	50.46	53.58	---	---	66.53	58.20	56.44	56.62	55.44
25	51.03	50.98	50.75	50.42	53.52	---	---	66.78	58.37	56.62	56.31	55.27
26	51.01	50.75	50.98	50.54	52.89	---	---	66.52	58.16	56.74	56.26	55.38
27	51.16	50.73	50.72	50.66	54.63	---	---	66.69	58.06	56.60	56.17	55.53
28	51.32	50.60	50.97	50.39	55.47	---	---	66.74	57.83	56.61	55.89	55.53
29	51.10	50.54	50.85	50.35	---	---	---	66.99	57.98	56.24	55.03	55.40
30	51.00	50.82	50.86	50.26	---	---	---	66.27	57.82	56.46	55.83	55.57
31	51.11	---	50.94	50.21	---	---	---	67.04	---	57.05	56.83	---
MEAN	51.31	50.81	50.75	50.64	51.33	---	---	63.65	60.66	57.12	57.58	55.73
MAX	51.86	51.22	51.13	51.10	55.47	---	---	67.16	68.59	58.33	63.70	56.34
MIN	50.96	50.54	50.47	50.21	50.23	---	---	57.25	57.82	56.24	55.03	54.73



GROUND-WATER LEVELS

463

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.--Rocks of Paleozoic to Precambrian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 700 ft, cased to 50 ft, open hole from 50 to 700 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute punch interval.

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.

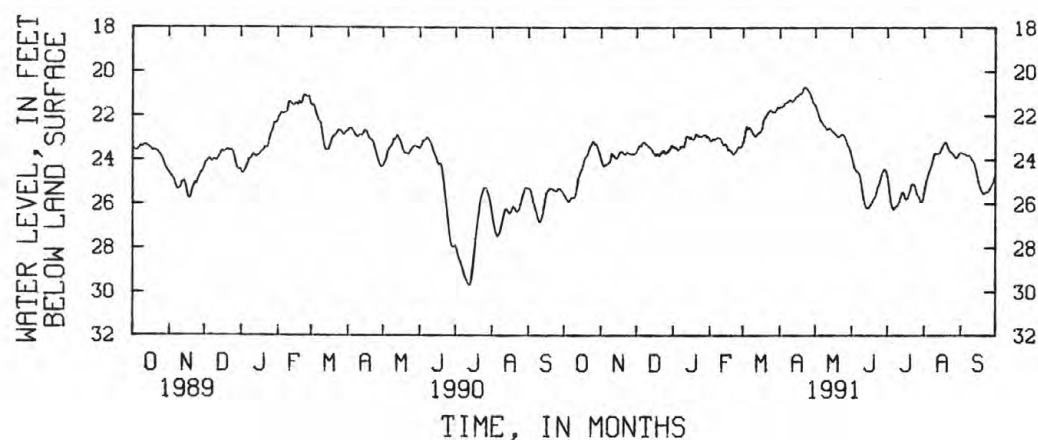
REMARKS.--Water-level affected by stage of Lake Wylie. Geophysical logs available in District files.

PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 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 1990 TO SEPTEMBER 1991
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.58	23.94	23.61	23.41	23.11	23.19	21.60	21.54	23.87	24.77	25.51	23.66
2	25.68	24.13	23.50	23.40	23.12	22.95	21.58	21.68	24.07	25.14	25.23	23.71
3	25.79	24.26	23.38	23.43	23.08	22.66	21.61	21.83	24.33	25.54	24.97	23.70
4	25.86	24.29	23.33	23.49	23.05	22.47	21.55	22.02	24.44	25.95	24.75	23.71
5	25.90	24.20	23.37	23.54	23.06	22.59	21.44	22.19	24.51	26.14	24.57	23.77
6	25.83	24.22	23.25	23.50	23.05	22.55	21.40	22.23	24.54	26.24	24.44	23.79
7	25.74	24.15	23.20	23.39	22.98	22.55	21.39	22.34	24.60	26.21	24.28	23.78
8	25.71	24.11	23.20	23.40	22.98	22.65	21.34	22.42	24.75	26.14	24.06	23.79
9	25.72	24.01	23.29	23.37	23.00	22.77	21.29	22.46	25.06	26.10	23.82	23.86
10	25.70	23.70	23.30	23.41	23.02	22.85	21.28	22.56	25.46	26.06	23.71	23.97
11	25.53	23.79	23.38	23.21	23.15	22.92	21.34	22.61	25.78	25.92	23.71	24.05
12	25.23	23.81	23.42	22.94	23.31	22.89	21.34	22.60	25.96	25.73	23.69	24.14
13	24.87	23.89	23.45	22.92	23.30	22.80	21.28	22.58	26.13	25.54	23.70	24.27
14	24.68	23.94	23.57	22.95	23.25	22.73	21.19	22.58	26.18	25.46	23.67	24.51
15	24.53	23.87	23.67	23.01	23.37	22.74	21.11	22.65	26.19	25.57	23.55	24.76
16	24.43	23.75	23.73	22.95	23.53	22.71	21.10	22.73	26.12	25.74	23.44	25.01
17	24.25	23.65	23.80	23.05	23.52	22.56	21.05	22.75	26.02	25.81	23.33	25.22
18	23.99	23.62	23.72	23.08	23.57	22.23	20.99	22.82	25.94	25.74	23.24	25.37
19	23.88	23.62	23.75	23.00	23.62	22.11	20.99	22.87	25.82	25.58	23.20	25.48
20	23.84	23.69	23.81	22.82	23.71	22.02	20.94	22.94	25.74	25.40	23.25	25.56
21	23.70	23.75	23.71	22.84	23.75	21.93	20.77	22.96	25.64	25.20	23.42	25.55
22	23.52	23.73	23.67	22.91	23.66	21.84	20.70	22.92	25.45	25.10	23.54	25.49
23	23.37	23.65	23.60	22.92	23.59	21.78	20.71	22.87	25.23	25.09	23.61	25.46
24	23.30	23.67	23.59	22.91	23.50	21.73	20.76	22.84	25.09	25.17	23.66	25.48
25	23.15	23.70	23.67	22.93	23.40	21.78	20.86	22.85	24.91	25.36	23.70	25.36
26	23.16	23.71	23.67	22.90	23.40	21.83	20.93	22.93	24.71	25.55	23.77	25.26
27	23.28	23.75	23.62	22.85	23.42	21.81	21.06	23.08	24.57	25.66	23.87	25.17
28	23.28	23.72	23.57	22.84	23.34	21.82	21.20	23.25	24.46	25.74	23.91	25.04
29	23.41	23.73	23.49	22.95	---	21.71	21.38	23.38	24.42	25.92	23.87	24.88
30	23.57	23.69	23.38	22.91	---	21.60	21.47	23.48	24.52	25.91	23.77	24.72
31	23.77	---	23.34	22.98	---	21.65	---	23.66	---	25.79	23.68	---
MEAN	24.52	23.86	23.52	23.10	23.32	22.34	21.19	22.67	25.15	25.65	23.90	24.62
MAX	25.90	24.29	23.81	23.54	23.75	23.19	21.61	23.66	26.19	26.24	25.51	25.56
MIN	23.15	23.62	23.20	22.82	22.98	21.60	20.70	21.54	23.87	24.77	23.20	23.66



	Page		Page
A-003 at Savannah River Site	306	Dissolved, definition of	5
A-011 at Savannah River Site	307	Downstream order and station numbers	8
Accuracy of field data and computed results.	13	Drainage area, definition of	5
Acre-foot, definition of	4	Drainage basin, definition of	5
AIW at Briarcliffe Acres at North Myrtle Beach	42-43		
at Grand Strand Airport at North Myrtle Beach.	44-45	Edisto River basin, crest-stage partial record	
at Highway 9 at Nixons Crossroads.	46-51	stations in	394
at Highway 544 at Socastee	35-40	surface water records in	265
at Vereens Marina at North Myrtle Beach.	41	Edisto River near Branchville.	268
Augusta Canal at Augusta, Ga	295	near Givhans	269-271
Aquifer, definition of	4	Enoree River at Whitmire	130-137
Artesian, definition of	4	Fairforest Creek below Spartanburg	121
		Fecal coliform bacteria, definition of	4
Back River at DuPont Intake near Kittridge	234-240	Fecal streptococcal bacteria, definition of	4
Bacteria, definition of	4	Fork Creek at Jefferson.	72
Beaverdam Creek at 400-D at Savannah River Site	319-321	Four Mile Creek at Road A-12.2 at Savannah River	
at mouth at Savannah River Site	322-323	Site	341
Bed material, definition of	4	at mouth near Jackson.	324-325
Big Beaver Creek near St. Matthews	190		
Biochemical oxygen demand, definition of	4	Gage height, definition of	5
Biomass, definition of	4	Gaging station, definition of	5
Black Creek near Hartsville.	67	Gills Creek at Columbia.	189
near McBee	66	Ground Water Records	399
Black River at Kingstree	89-91	explanation of	15
near Gable	88		
Bottom material, definition of	4	H-008 at Savannah River Site	328
Broad River at Alston.	156	Hanging Rock Creek near Kershaw.	74
near Carlisle.	113-120	Hardness, definition of	5
at Diversion Canal (Forebay)	161	Hartwell Lake near Hartwell, Ga.	280
at Diversion Dam	160	Hartwell Lake near Hartwell, GA (Tailrace)	281-282
near Jenkinsville.	147-155	Hellers Creek near Pomaria	138
Broad River Basin, crest-stage partial record		Horn Creek near Colliers	291
stations in	273	Howard Creek near Jocassee	275
Broad River Basin, surface water records in.	273	HP-52 Outfall at Savannah River Site	327
Bush River near Prosperity	174	Hydrologic bench-mark station, definition of	9
		Hydrologic conditions, summary of.	2
C-001 at Savannah River Site	334	graph of	3
C-003 at Savannah River Site	337	Hydrologic unit, definition of	5
C-004 at Savannah River Site	338-340		
Catawba River near Catawba	95	Indian Grave Branch at Savannah River Site	345-347
near Rock Hill	93	Introduction	1
Catfish Canal at Sellers	71		
Cedar Creek near Blythewood.	158	K-011 at Savannah River Site	342-344
Cells/volume, definition of	5		
CFS-day, definition of	5	L-007 Outfall at Savannah River Site	354-356
Chattooga River near Clayton, Ga	274	L-Lake above Dam at Savannah River Site	357-359
Chemical oxygen demand, definition of.	5	Lake Keowee near Six Mile	277
Chlorophyll, definition of	5	Lake Greenwood near Chappells (Pond)	168
Clark Fork Creek near Smyrna	106	Lake Greenwood near Chappells (Tailrace)	169-170
Collection and computation of surface-water data	9	Lake Marion near Pineville	197
Collection and examination of water-quality data	14	Lake Moultrie near Pinopolis	217
Collection and reporting of ground-water data.	15	Lake Moultrie Tailrace near Pinopolis.	218-219
Color unit, definition of.	5	Lake Moultrie Tailrace Canal at Moncks Corner.	220
Combahee River basin, crest-stage partial record		Lake Murray near Columbia (Pond)	175
stations in.	395	Lake Murray near Columbia (Tailrace)	176-177
surface water records in	272	Lakes and reservoirs in Pee Dee River basin and	
Coneross Creek near Seneca	279	Santee River basin	387
Congaree River at Columbia	188	Lawsons Fork Creek at Treatment Plant	111
Congaree River near Fort Motte	191-195	Land surface datum, definition of.	12
Contents, definition of.	5	Lawsons Fork Creek at Dewey Site near Inman	110
Control, definition of	5	Little Fork Creek at Jefferson	73
Control structure, definition of	5	Little Horse Creek near Graniteville.	296
Cooperation.	1	Little Pee Dee River at Galivants Ferry.	78
Cooper River at Customs House at Charleston	263-264	Little River basin, Surface Water records in	35
at Customs House at Charleston (Auxiliary)	259-262	Little River near Mount Carmel	286
at Mobay at North Charleston	250-258	Little River near Silverstreet	173
near Goose Creek	241-249	Little River near Walhalla	276
Cooper River Basin, surface water records in	217	Lower Three Runs below Par Pond at Savannah River	
Coosawhatchie River near Hampton	273	Site	375-377
Crest-Stage Partial-Record Stations.	388-396	near Snelling	378
Crowders Creek near Clover	92	Lynches River at Effingham	75-77
Cubic foot per second, definition of	5		
Cubic feet per second per square mile,	5		
		Map showing location of crest-stage stations	18
D-003 at Savannah River Site	318	Map showing location of ground-water wells	19
D-006 at Savannah River Site	315-317	Map showing location of stage-only stations	16
Data, accuracy of.	13	Map showing location of streamflow stations.	15
other data available	13	Map showing water-quality stations	17
Dean Swamp Creek near Salley	265	Measuring point, definition of	12
Definition of terms	4	Methylene blue active substance, definition of	5
Discharge, definition of	5	Micrograms per gram, definition of	5

Page	Page
Micrograms per liter, definition of	5
Middle Saluda River near Cleveland	162
Milligrams per liter, definition of	6
Minim Creek at AIW near North Santee	209-212
Monticello Reservoir near Jenkinsville	139-145
National Geodetic Vertical Datum of 1929 (NGVD).	6
National stream-quality accounting network (NASQAN), definition of	9
Neals Creek near Carlisle	112
Ninety-six Creek near Ninety-six	171
North Fork Edisto River at Orangeburg	267
North Pacolet River at Fingerville	107
North Santee River near North Santee	207-208
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	365
P-013 at Savannah River Site	350-352
P-019 at Savannah River Site	370-372
Pacolet River near Fingerville	109
Parr Shoals Reservoir at Parr	146
Partial record station, definition of	6
Particle size, definition of	6
Particle size classification, definition of	6
Pee Dee River at Peedee	68-70
Pee Dee River at Highway 701	79-84
Pee Dee River basin, crest-stage partial record stations in	388
surface water records in	64
Pee Dee River near Bennettsville	65
Pen Branch at Road A-13.2 at Savannah River Site	349
at Road B at Savannah River Site	348
Pesticides, definition of	6
Picocurie, definition of	6
Plankton, definition of	6
Preface	iii
Publications on TWRI	17-19
Radiochemical program, definition of	9
Recoverable from bottom material, definition of	8
Rediversion Canal at Santee River	200
Reedy River near Ware Shoals	166
Reedy River near Greenville	165
Reservoirs and lakes in Pee Dee River basin and Santee River basin	387
Revised records	13
Richard B. Russell Lake near Calhoun Falls	285
Rocky Creek at Great Falls	96
Rocky River near Starr	284
Runoff in inches, definition of	6
Salkehatchie River near Miley	272
Saluda River at Chappells	172
below Lake Murray near Columbia	178-182
near Columbia	183-187
near Greenville	163
near Ware Shoals	164
Santee River at Trezesvants Landing	196
below St. Stephens	201-202
near Honey Hill	205-206
near Jamestown	204
near Pineville	198
near Russellville	199
Santee River basin, crest-stage partial-record stations in	390
surface water records in	92
Savannah River at Augusta, Ga	299-302
at Burtons Ferry Bridge near Millhaven, Ga	379
at New Savannah Bluff Lock and Dam at Augusta, Ga	297-298
at Stevens Creek Dam near Morgana	292
above Hardeeville	385-386
below Hartwell Lake near Hartwell, Ga	283
below Steel Creek near Millett	273-374
below Stevens Creek Dam near Morgana	293
near Clyo, Ga	380-384
near Jackson	311-313
near North Augusta	294
Savannah River basin, crest-stage partial record stations in	396
surface water records in	274
Scape Ore Swamp near Bishopville	85-87
Stage records, explanation of	9
Sediment, definition of	6, 14
Site No. 1 at Savannah River Site	326
Site No. 3 at Savannah River Site	329
Site No. 4 at Savannah River Site	330
Site No. 5 at Savannah River Site	331
Site No. 5B at Savannah River Site	332
Site No. 6 at Savannah River Site	333
Site No. 7 at Savannah River Site	336
Smith Branch at North Main Street at Columbia	159
Solute, definition of	7
South Fork Edisto River near Denmark	266
South Pacolet River near Campobello	108
South Rabon Creek near Gray Court	167
South Santee R. at State Pier nr McClellanville	213-216
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	366
above Road B at Savannah River Site	353
below L-Lake Dam	360-364
near Snelling	367-369
Steele Creek near Fort Mill	94
Stevens Creek near Modoc	290
Streamflow, definition of	7
Substrate, definition of	7
Surface area, definition of	7
Surface Water Records	25
Suspended, recoverable, definition of	7
Suspended, total, definition of	7
Temperature, water	14
Thurmond Lake near Clarks Hill	287
Thurmond Lake near Clarks Hill (Tailrace)	288-289
Tims Branch at Road C at Savannah River Site	308
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	335
Twelve Mile Creek near Liberty	278
Tyger River near Delta	122-129
Upper Three Runs above Road C at Savannah River Site	309
at Road A at Savannah River Site	310
near New Ellenton	303-305
Waccamaw River basin, surface water records in	26
Waccamaw River at Bucksport	52-57
near Longs	26
at Hagley Landing	58-63
at Conway Marina at Conway	27-28
at Peachtree Landing near Bucksville	29-34
Water Discharge Records, Definition of	9
Water Quality Records, explanation of	14
Water year, definition of	8
Wateree River below Eastover	98-105
near Camden	97
Watstore Access, to	16
Wedboo Creek near Jamestown	203
Wells, description of	8
Numbers of	8
Water-level measurements in wells	399-463
West Branch Cooper River at Mepkin Abbey	221-224
West Branch Cooper River at Pimlico near Moncks Corner	225-233
West Fork Little River near Salem Crossroads	157
Whites Creek near Wallace	64
WRD, definition of	8
WSP, definition of	8
X-004 at Savannah River Site	314

