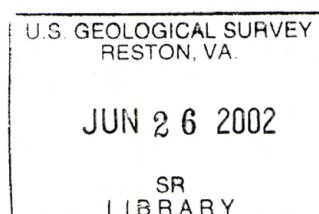
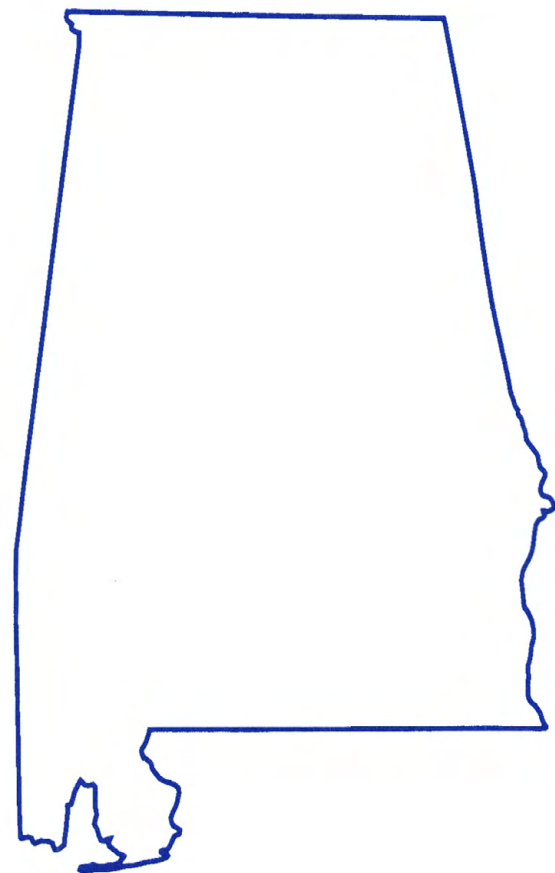


Water Resources Data Alabama Water Year 2001

Water-Data Report AL-01-1



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



Prepared in cooperation with the Alabama Department of Environmental Management, the Alabama Department of Transportation, and with other State, municipal, and Federal agencies

CALENDAR FOR WATER YEAR 2001

2000

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

2001

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

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

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

U.S. DEPARTMENT OF THE INTERIOR

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U.S. GEOLOGICAL SURVEY

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PREFACE

This volume of the annual hydrologic data report of Alabama 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 network 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 Alabama 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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This report was prepared in cooperation with the State of Alabama and with other agencies.

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13. ABSTRACT (Maximum 200 words) Water resources data for the 2001 water year for Alabama consist of records of stage, discharge, and water quality of streams; stages and contents of lakes and reservoirs; and water levels in wells. This report includes records on both surface and ground water in the State. Specifically, it contains: (1) discharge records for 132 streamflow-gaging stations, for 39 partial-record or miscellaneous streamflow stations; (2) stage and content records for 14 lakes and reservoirs and stage at 42 stations; (3) water-quality records for 23 streamflow-gaging stations, for 43 ungaged streamsites, and for 2 precipitation stations; (4) water temperature and specific conductance at 12 surface-water stations; (5) dissolved oxygen at 12 stations; (6) turbidity at 3 stations; (7) sediment data at 42 stations; (8) water-level records for 2 recording observation wells; and (9) water-quality records for 41 ground-water stations. Also included are lists of active and discontinued continuous-record surface-water discharge stations, continuous-record surface-water stage stations, continuous-record surface-water-quality stations, and partial-record and miscellaneous surface-water-quality stations. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating Federal, State, and local agencies in Alabama.				
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CONTENTS

	Page
Preface.....	iii
List of surface-water stations, in downstream order, for which records are published in this volume.....	vii
List of ground-water wells, by county, for which records are published in this volume.....	ix
List of precipitation-quality stations, by county, for which records are published in this volume.....	ix
Introduction.....	1
Cooperation.....	1
Summary of hydrologic conditions.....	2
Surface water.....	2
Surface-water quality.....	2
Sediment.....	2
Ground-water levels.....	2
Ground-water quality.....	2
Precipitation quality.....	2
Special networks and programs.....	4
Explanation of records.....	4
Station identification numbers.....	4
Downstream order system.....	5
Latitude-longitude system for wells.....	5
Records of stage and water discharge.....	5
Data collection and computation.....	6
Data presentation.....	6
Station manuscript.....	6
Data table of daily mean values.....	7
Statistics of monthly mean data.....	8
Summary statistics.....	8
Identifying estimated daily discharge.....	9
Accuracy of the records.....	9
Other records available.....	9
Records of surface-water quality.....	10
Classification of records.....	10
On-site measurements and sample collection.....	10
Water temperature.....	10
Sediment.....	10
Laboratory measurements.....	11
Data presentation.....	11
Remark codes.....	11
Other records available.....	11
Records of ground-water levels.....	12
Data collection and computation.....	12
Data presentation.....	12
Records of ground-water quality.....	13
Data collection and computation.....	13
Data presentation.....	13
Records of precipitation quality.....	13
On-site measurements and sample collection.....	13
Data presentation.....	14
Access to WATSTORE data.....	14
Definition of terms.....	15
Publications on Techniques of Water-Resources Investigations.....	25
Station records, surface water.....	53
Discharge at partial-record and miscellaneous sites.....	423
Flood hydrograph partial-record stations.....	423
Crest-stage partial-record stations.....	440
Discharge measurements at partial record and miscellaneous sites.....	441
Analyses of samples collected at water-quality partial-record stations.....	443
Analyses of samples collected at miscellaneous stations.....	486
Water-quality data collected during short-term studies.....	499
Station records, ground-water.....	580
Ground-water levels.....	580
Ground-water quality data collected during short-term studies.....	582
Analysis of samples collected at precipitation stations.....	612
Index.....	663

ILLUSTRATIONS

Page

Figure 1. System for numbering wells and miscellaneous sites (latitude and longitude)	5
2. Comparison of discharge for water year 2001 to the base period 1971-00 at two long-term representative gaging stations	28
3. Comparison of monthly low water levels for water year 2001 to the highest and lowest monthly low water levels for the period of record for an observation well	29
4. Map showing location of surface-water stations in Apalachicola, Choctawhatchee, Yellow, and Blackwater River basins	35
5. Map showing location of surface-water stations in Escambia, Perdido, and Fish River basins	36
6. Map showing location of surface-water stations in Coosa River basin	37
7. Map showing location of surface-water stations in Tallapoosa River basin	38
8. Map showing location of surface-water stations in Alabama River basin	39
9. Map showing location of surface-water stations in Cahaba River basin	40
10. Map showing location of surface-water stations in Upper Tombigbee River basin	41
11. Map showing location of surface-water stations in Mulberry Fork River basin	42
12. Map showing location of surface-water stations in Locust Fork River basin	43
13. Map showing location of surface-water stations in Black Warrior River basin	44
14. Map showing location of surface-water stations in Lower Tombigbee River basin	45
15. Map showing location of surface-water stations in Mobile River basin	46
16. Map showing location of surface-water stations in Escatawpa River basin	47
17. Map showing location of surface-water stations in Upper Tennessee River basin	48
18. Map showing location of surface-water stations in Middle Tennessee River basin	49
19. Map showing location of surface-water stations in Lower Tennessee River basin	50
20. Map showing location of observation wells	51
21. Map showing location of water-quality precipitation site	52

TABLES

Table 1. Mean, maximum, and minimum streamflow for water year 2001 and recurrence intervals at selected stations	3
2. Sites in Alabama by basin and figure number	30
3. Peak discharges and peaks above base for water year 2001	615

LISTS

List of active and discontinued continuous-record surface-water discharge stations	627
List of active and discontinued continuous-record surface-water stage stations	634
List of active and discontinued continuous-record surface-water-quality stations	635
List of active and discontinued partial-record and miscellaneous surface-water-quality stations	637

[Letter after station name designates type of data: (d) discharge, (c) chemical, (t) water temperature, (s) sediment, (g) gage height, (e) elevation, (k) specific conductance, (o) dissolved oxygen, (u) turbidity]

	Station number	Page
EASTERN GULF OF MEXICO BASINS		
APALACHICOLA RIVER BASIN		
Chattahoochee River (head of Apalachicola River) at West Point, Ga. (dg)	02339500	55
Chattahoochee River at Columbus, Ga. (dg)	02341500	57
Uchee Creek near Fort Mitchell (d)	02342500	60
South Fork Cowikiee Creek near Batesville (d)	02342933	61
Chattahoochee River at Coast Guard Dock at Eufaula (e)	0234296910	62
Chattahoochee River near Columbia (d)	02343801	63
Lakes and Reservoirs in Apalachicola River basin in Alabama		64
CHOCTAWHATCHEE RIVER BASIN		
Choctawhatchee River near Newton (dg)	02361000	66
Choctawhatchee River near Bellwood (dg)	02361500	69
Double Bridges Creek:		
Little Double Bridges Creek near Enterprise (d)	02362240	71
Pea River at Arifton (d)	02363000	72
Pea River at Elba (g)	02364000	74
BLACKWATER RIVER BASIN		
Blackwater River near Bradley (d)	02369800	75
ESCAMBIA RIVER BASIN		
Conecuh River (head of Escambia River) at Brantley (d)	02371500	76
Patsaliga Creek near Brantley (d)	02372250	77
Conecuh River below Point "A" Dam at River Falls (dg)	02372422	78
Sepulga River near McKenzie (d)	02373000	81
Conecuh River at State Highway 41 near Brewton (dg)	02374250	82
Murder Creek near Evergreen (d)	02374500	84
Murder Creek at Brewton (dg)	02374700	85
Burnt Corn Creek at State Highway 41 near Brewton (dg)	02374745	87
Big Escambia Creek at Sardine Bridge, near Stanley Crossroads (d)	02374950	89
Escambia River near Century, Fla (d)	02375500	90
PERDIDO RIVER BASIN		
Perdido River at Barrineau Park, Fla. (d)	02376500	91
Styx River near Elsanor (d)	02377570	92
FISH RIVER BASIN		
Magnolia River at U.S. Highway 98 near Foley (d)	02378300	93
Fish River near Silver Hill (d)	02378500	94
MOBILE RIVER BASIN		
Coosa River (head of Alabama River) (Mobile River main stem)		
Chattooga River at Chattoogaville, Ga. (d)	02398037	95
Mills Creek near Dewey (d)	02398250	96
Chattooga River above Gaylesville (dcs)	02398300	97
West Fork Little River at Desoto State Park and near Fort Payne (d)	02398950	100
Little River near Blue Pond (d)	02399200	101
Coosa River at Leesburg (e)	02399500	102
Terrapin Creek at Ellisville (d)	02400100	103
Coosa River at Gadsden Steamplant near Gadsden (g)	02400496	104
Coosa River at Gadsden (g)	02400500	105
Big Willis Creek near Reece City (d)	02401000	106
Big Canoe Creek at Ashville (d)	02401390	107
Choccolocco Creek at Oxford (d)	02403395	108
Choccolocco Creek at Jackson Shoals near Lincoln (d)	02404400	109
Kelly Creek near Vincent (d)	02405500	110
Talladega Creek at Alpine (d)	02406500	111
Coosa River at Childersburg (g)	02407000	112
Coosa River at Gaston Steamplant near Wilsonville (g)	02407526	113
Hatchet Creek below Rockford (d)	02408540	114
Coosa River at Jordan Dam near Wetumpka (d)	02411000	115
Coosa River at Wetumpka (g)	02411600	118
Tallapoosa River below Tallapoosa, Ga. (d)	02411930	119
Tallapoosa River near Heflin (d)	02412000	120
Little Tallapoosa River below Bowdon, Ga. (d)	02413210	121
Little Tallapoosa River near Newell (d)	02413300	122
Tallapoosa River at Wadley (dg)	02414500	123
High Pine Creek near Roanoke (d)	02414525	125
Tallapoosa River near New Site (d)	02414715	126
Hillabee Creek near Hackneyville (d)	02415000	127
Sougahatchee Creek near Loachapoka (d)	02418230	128
Tallapoosa River below Tallassee (d)	02418500	129
Uphapee Creek near Tuskegee (d)	02419000	131
Tallapoosa River at Milstead (g)	02419500	132
Tallapoosa River near Montgomery (dg)	02419890	133
Three Mile Branch at North Boulevard at Montgomery (dcs)	02419977	135
Alabama River (continuation of Coosa River):		
Alabama River at Montgomery (g)	02419988	146

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

	Station number	Page
EASTERN GULF OF MEXICO BASINS--Continued		
MOBILE RIVER BASIN--Continued		
Alabama River near Montgomery (gs)	02420000	147
Catoma Creek near Montgomery (d)	02421000	150
Pintalla Creek at Liberty Church Road near Pintalla (dcs)	02421115	151
Mulberry Creek at Jones (d)	02422500	153
Alabama River at Selma (gs)	02423000	154
Cahaba River at Trussville (dtko)	02423130	156
Cahaba River near Mountain Brook (d)	02423380	163
Little Cahaba River below Leeds (dtko)	02423397	164
Little Cahaba River near Leeds (dtko)	02423398	170
Cahaba River near Cahaba Heights (d)	02423425	176
Cahaba River near Hoover (dtko)	02423496	177
Cahaba River near Acton (d)	02423500	183
Cahaba Valley Creek at Cross Creek Road at Pelham (dcs)	0242354750	184
Cahaba River near Helena (d)	02423555	197
Shades Creek near Homewood (d)	02423586	198
Shades Creek near Greenwood (d)	02423630	199
Cahaba River at Centreville (dgcs)	02424000	200
Cahaba River near Suttle (d)	02424590	208
Cahaba River near Marion Junction (ds)	02425000	209
Pine Barren Creek near Snow Hill (d)	02427250	212
Alabama River at Claiborne Lock and Dam near Monroeville (d)	02428400	213
Alabama River below Claiborne Lock and Dam near Monroeville (g)	02428401	214
Alabama River at Claiborne (cs)	02429500	215
Tombigbee River:		
Buttahatchee River below Hamilton (d)	02438000	221
Tombigbee River at Bevillock and Dam near Pickensville (d)	02444160	222
Bogue Chitto Creek near Memphis (dcs)	02444490	223
Tombigbee River near Cochrane (g)	02444500	232
Sipsey River near Elrod (d)	02446500	233
Tombigbee River at Heflin Lock and Dam near Gainesville (d)	02447025	224
Noxubee River near Geiger (d)	02448500	235
Bodka Creek near Geiger (d)	02448900	236
Mulberry Fork (head of Black Warrior River):		
Duck River near Berlin (g)	02449840	237
Blue Springs Creek near Blountsville (d)	02449882	238
Mulberry Fork near Garden City (d)	02450000	239
Mulberry Fork near Arkadelphia (d)	02450180	240
Sipsey Fork near Grayson (d)	02450250	241
Clear Creek at New Hope Church near Popular Spring (d)	02450825	242
Blackwater Creek near Manchester (d)	02453000	243
Mulberry Fork at Cordova (g)	02453500	244
Lost Creek above Parrish (d)	02454055	245
Locust Fork near Cleveland (d)	02455000	246
Turkey Creek at Sewage Plant near Pinson (dtko)	02455980	247
Locust Fork at Sayre (d)	02456500	253
Fivemile Creek at Lawson Road near Tarrant City (d)	02456980	254
Barton Branch near Tarrant City (d)	02456998	255
Fivemile Creek at Ketona (d)	02457000	256
Fivemile Creek near Republic (dtko)	02457595	257
Fivemile Creek below Prudes Creek near Graysville (dtko)	02457670	263
Village Creek at 86th Street North at Roebuck (d)	02458148	269
Village Creek at Apalachee Street in Birmingham (d)	02458200	270
Village Creek at 24th Street at Birmingham (d)	02458300	271
Village Creek at Ave. W at Ensley (dtko)	02458450	273
Village Creek near Pratt City (d)	02458502	279
Village Creek near Docena (dtko)	02458600	280
Black Warrior River (continuation of Mulberry Fork):		
Valley Creek at Center Street at Birmingham (d)	02461130	286
Valley Creek near Bessemer (d)	02461500	287
Halls Creek at Bessemer (d)	02461630	288
Valley Creek below Bessemer (d)	02461640	289
Valley Creek near Oak Grove (d)	02462000	290
Black Warrior River at Bankhead Lock and Dam near Bessemer (d)	02462500	291
Black Warrior River below Bankhead Lock and Dam near Bessemer (ecs)	02462501	292
Black Warrior River at Holt Lock and Dam near Holt (d)	02462951	295
Black Warrior River below Holt Lock and Dam near Holt (e)	02462952	296
North River near Samantha (d)	02464000	297
Turkey Creek near Tuscaloosa (d)	02464146	298
Binion Creek below Gin Creek near Samantha (d)	02464360	299
Lake Tuscaloosa near Tuscaloosa (e)	02464800	300
Black Warrior River at Oliver Lock and Dam at Northport (ds)	02465000	301

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

	Station number	Page
EASTERN GULF OF MEXICO BASINS--Continued		
MOBILE RIVER BASIN--Continued		
Alabama River--Continued		
Black Warrior River below Oliver Lock and Dam at Tuscaloosa (e).....	02465005	304
Elliotts Creek at Moundville (d)	02465493	305
Black Warrior River at Selden Lock and Dam near Eutaw (d).....	02466030	306
Black Warrior River below Selden Lock and Dam near Eutaw (e).....	02466031	307
Tombigbee River at Demopolis Lock and Dam near Coatopa (d)	02467000	308
Tombigbee River below Demopolis Lock and Dam near Coatopa (e).....	02467001	310
Sucarnoochee River at Livingston (d)	02467500	311
Tombigbee River near Nanafalia (g)	02469525	312
Tombigbee River at Coffeerville Lock and Dam near Coffeerville (d).....	02469761	313
Tombigbee River below Coffeerville Lock and Dam near Coffeerville (ces).....	02469762	314
Satilpa Creek near Coffeerville (d).....	02469800	321
Bassett Creek at U.S. Highway 43 near Thomasville (d)	02470072	322
Chickasaw Creek near Kushla (d).....	02471001	323
Threemile Creek at Ziegler Boulevard at Springhill (dectkou).....	02471013	324
Threemile Creek at Stanton Road at Mobile (ectkou).....	0247101490	340
Threemile Creek at U.S. Highway 43 near Prichard (ectkou)	02471016	352
Fowl River at Half Mile Road near Laurendine (d).....	02471078	371
Lakes and Reservoirs in Mobile River basin in Alabama.....		372
PASCAGOULA RIVER BASIN		
Pascagoula River:		
Escatawpa River near Agricola, Miss. (d)	02479560	379
Big Creek at County Road 63 near Wilmer (dc)	02479945	380
Crooked Creek near Fairview (dc)	02479980	383
Hamilton Creek at Snow Road near Semmes (dc)	02480002	386
MISSISSIPPI RIVER BASIN		
Mississippi River:		
OHIO RIVER BASIN		
Ohio River:		
TENNESSEE RIVER BASIN		
Tennessee River:		
Short Creek:		
Scarham Creek near McVillie (dcs)	03573182	389
Paint Rock River near Woodville (d)	03574500	393
Flint River:		
Mountain Fork:		
Hester Creek near Plevna (dcs)	0357479650	394
Flint River at Brownsboro (dcs)	03575100	402
Tennessee River at Whitesburg (dg).....	03575500	410
Indian Creek near Madison (d)	03575830	412
Limestone Creek near Athens (d)	03576250	413
Tennessee River at Decatur (g)	03577150	414
Big Nance Creek at Courtland (d)	03586500	415
Tennessee River at Florence (dg)	03589500	416
Tennessee River at Smithsonia (g)	03590680	419
Lakes and Reservoirs in Tennessee River basin in Alabama.....		420
DISCHARGE AND WATER-QUALITY AT PARTIAL-RECORD AND MISCELLANEOUS SITES		
Discharge at partial-record and miscellaneous sites		
Flood hydrograph partial-record stations		423
Crest-stage partial-record station		440
Discharge measurements made at miscellaneous sites.....		441
Analyses of samples collected at water-quality partial-record stations.....		443
Analyses of samples collected at miscellaneous stations		486
Water-quality data collected during short-term studies		
National Water-Quality Assessment Program Mobile Study Unit.....		499
Birmingham Watershed Study.....		553
GROUND-WATER STATIONS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME		
GROUND- WATER LEVELS		
Montgomery County		580
Tuscaloosa County		581
GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES		
National Water-Quality Assessment Program Mobile Study Unit		582
National Water-Quality Assessment Program Lower Tennessee Study Unit.....		601

PRECIPITATION STATION, BY COUNTY, FOR WHICH RECORD IS PUBLISHED IN THIS VOLUME

PRECIPITATION-QUALITY RECORD

Dallas County, near Marion Junction	612
Mobile County, at Mobile	613

INTRODUCTION

The Water Resources Division of the U.S. Geological Survey, in cooperation with State and Federal agencies, obtains a large amount of data pertaining to the water resources of Alabama each water year. These data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. To make these data readily available to interested parties outside the Geological Survey, the data are published annually in this report series entitled "*Water Resources Data - Alabama*."

This report includes records on both surface and ground water in the State. Specifically, it contains: (1) discharge records for 132 streamflow-gaging stations, for 39 partial-record or miscellaneous streamflow stations; (2) stage and content records for 14 lakes and reservoirs and stage at 42 stations; (3) water-quality records for 23 streamflow-gaging stations, for 43 ungaged streamsites, and for 2 precipitation stations; (4) water temperature and specific conductance at 12 surface-water stations; (5) dissolved oxygen at 12 stations; (6) turbidity at 3 stations; (7) sediment data at 42 stations; (8) water-level records for 2 recording observation wells; and (9) water-quality records for 41 ground-water stations.

This series of annual reports for Alabama began with the 1961 water year with a report that contained only data relating to the quantities of surface water. Water-quality records for water years 1964 through 1974 were similarly released either in separate reports or in conjunction with streamflow records. Beginning with the 1975 water year, the report format was changed to present, in one volume, data on quantities of surface water, quality of surface and ground water, and ground-water levels.

Prior to introduction of this series and for several years concurrent with it, water-resources data for Alabama were published in U.S. Geological Survey Water-Supply Papers. Data on stream discharge and stage and on lake or reservoir contents and stage, through September 1960, were published annually under the title "*Surface-Water Supply of the United States*." For the 1961 through 1970 years, the data were published in two 5-year reports. Data on chemical quality, temperature, and suspended sediment for the 1941 through 1970 water years were published annually under the title "*Quality of Surface Waters of the United States*," and water levels for the 1935 through 1974 water years were published under the title "*Ground-Water Levels in the United States*." The above mentioned Water-Supply Papers may be consulted in the libraries of the principal cities of the United States and may be purchased from U.S. Geological Survey, Branch of Information Services, Federal Center, Box 25286, Denver, CO 80225.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have 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 volume is identified as "*U.S. Geological Survey Water-Data Report AL-01-1*." For archiving and general distribution, the reports for 1971-74 water years also are identified as water-data reports. These water-data reports are for sale in paper copy or microfiche by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information 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 (334) 213-2332.

COOPERATION

The U.S. Geological Survey and organizations of the State of Alabama have had cooperative agreements for the systematic collection of streamflow records since 1900. Cooperative agreements between the U.S. Geological Survey and the Geological Survey of Alabama for collection of water-resources data have been continuous since 1935. There have been cooperative agreements for the collection of ground-water level records since 1940, and for the collection of water-quality records since 1962. Organizations that assisted in collecting data for this report through cooperative agreements with the Survey and Federal, State, and local agencies who provided assistance in the form of funds and/or services are:

Alabama Department of Conservation
Alabama Department of Economic and Community Affairs
Alabama Department of Environmental Management
Alabama Department of Transportation
Alabama Power Company
Baldwin County Emergency Management Agency
Calhoun County Commission
City of Birmingham, Waterworks Board
City of Brewton
City of Century, Florida
City of Hoover
City of Huntsville
City of Mobile, Waterworks and Sewer Board
City of Montgomery, Waterworks Board
City of Roanoke

City of Springville
City of Thomasville
City of Tuscaloosa
Coffee County Commission
Dallas County Commission
Jefferson County Environmental Services
Marengo County Commission
Sumter County Commission
Tennessee Valley Authority
Town of Blountsville
Town of Courtland
Town of Garden City
Town of Goodwater
Town of Parrish
U.S. Army Corps of Engineers, Mobile District

SUMMARY OF HYDROLOGIC CONDITIONS

The 2001 water year began with severe drought conditions in Alabama, however, significant precipitation during the last half of the year dramatically increased streamflow in many areas of the State. This resulted in significant increases in the annual mean discharges for all 20 stations listed in table 1. Eight of these stations had an annual mean discharge this year that more than doubled the mean discharge of last year. One station, Conecuh River at Brantley, tripled the mean discharge of last year. Fifteen of the stations in table 1 had an annual mean discharge for 2001 that exceeded 80 percent of their respective long-term yearly averages, and eight of these stations either equalled or exceeded their respective long-term yearly averages. Although Chickasaw Creek near Kushla more than doubled last year's mean discharge this year, it was still only 63 percent of its long-term annual mean discharge.

The severe drought conditions continued to set new minimum monthly mean records. Eight stations set at least one new minimum monthly mean record this year. Fish River at Silverhill set new minimum monthly mean records for January, April, and May. The mean discharge for May at this station broke the previous minimum monthly mean that was set last year. Uchee Creek near Ft. Mitchell set new minimum monthly mean records for October and February. New minimum monthly mean records were set in October at Conecuh River at Brantley, Murder Creek at Evergreen, Mulberry Creek at Jones, Buttahatchee Creek below Hamilton, Sipsey Fork near Grayson, and Chickasaw Creek near Kushla. In the past 2 years, eight new minimum monthly mean records were set at Chickasaw Creek near Kushla; seven at Murder Creek near Evergreen; and six were set at Fish River at Silverhill, Sipsey Fork near Grayson, and Choctawhatchee River near Newton.

The last 7 months of the year were dramatically different. In 5 of those 7 months, no less than 10 of the 20 stations listed in table 1 exceeded their long-term monthly mean discharges. In March, all 20 stations had greater than 80 percent of their respective long-term mean discharges for March, and 17 of these stations exceeded their long-term mean. For eight of those stations, it was the first time in 19 consecutive months that their long-term mean monthly discharges had been exceeded. Notably, Uchee Creek exceeded its long-term monthly mean discharge in March for the first time since September 1998. In contrast to March, 17 of the 20 stations had 50 percent or less than their long-term monthly mean discharge for May. Nine stations exceeded their long-term monthly means in at least 3 of the last months of the year, and five of those stations exceeded their long-term monthly means in all 4 months.

The driest month of the year, as it relates to monthly mean discharges, was October when mean monthly discharges were less than 25 percent of the long-term mean discharge for October at 13 of 20 stations; and six of those stations had less than 10 percent of their respective long-term mean discharge for October. No station had a mean discharge in October greater than 50 percent of their long-term mean. Big Nance Creek at Courtland had a mean monthly discharge in October of 0.82 ft³/s, about 1 percent of its long-term mean discharge for October.

The wettest month was September, when 13 of the 20 stations exceeded their long-term mean discharges. Seven of these stations more than tripled their long-term monthly mean. The 10,350 ft³/s at Black Warrior River and the 543 ft³/s at Kelly Creek were nearly 5 times and 8 times their long-term mean discharges for September, respectively; and set a new record maximum mean discharge for September at both stations.

The table below lists the stations in table 1 and the percentage of their long-term monthly mean discharges that occurred each month during the year. For example, the mean discharge for February 2001 at station Uchee Creek near Fort Mitchell was 16 percent of long-term February mean discharge at that station.

2001 monthly mean discharges expressed as a percentage of the long-term monthly mean

Station number and name	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
02342500 Uchee Creek	5	20	35	29	16	229	111	20	91	14	18	47
02361000 Choctawhatchee River	21	50	78	62	36	182	105	33	125	62	53	51
02371500 Conecuh River	10	21	30	71	41	249	113	21	176	38	95	50
02374500 Murder Creek	29	62	61	58	47	220	84	53	169	73	131	174
02378500 Fish River	41	65	53	45	51	111	40	43	97	99	120	51
02401000 Big Wills Creek	41	97	34	57	64	129	69	42	81	75	97	93
02405500 Kelly Creek	6	34	12	45	66	139	183	43	146	34	100	794
02411000 Coosa River	48	66	36	55	63	129	77	48	141	99	99	132
02412000 Tallapoosa River	9	83	33	56	56	121	63	45	95	62	43	53
02422500 Mulberry Creek	35	58	34	37	72	163	70	34	112	47	61	115
02424000 Cahaba River	33	57	25	45	54	122	99	38	140	65	105	432
02438000 Buttahatchee River	26	81	35	94	101	83	138	42	309	83	108	191
02446500 Sipsey River	23	45	29	67	98	144	100	48	278	64	64	377
02450250 Sipsey Fork	4	36	21	89	137	105	173	67	555	116	171	238
02456500 Locust Fork	12	57	27	65	93	180	162	49	198	131	103	573
02465000 Black Warrior River	10	68	34	65	89	137	140	50	187	105	145	491
02467000 Tombigbee River	19	73	49	83	104	138	102	32	192	58	96	361
02471001 Chickasaw Creek	14	106	58	57	79	121	30	18	68	61	103	61
03574500 Paint Rock River	7	105	69	95	91	97	77	40	330	209	621	201
03586500 Big Nance Creek	1	48	58	88	103	84	84	29	460	179	216	362

Of the stations listed in table 1, instantaneous peak discharges with recurrence intervals of less than 2 years occurred at 12 stations, less than 5 years at 6 stations, and less than 10 years at 2 stations. Although the number of peaks above base discharge increased during the 2001 water year, the number of peaks was still below average. The most significant flooding events occurred in April, affecting south and central Alabama, and in September, affecting north Alabama.

Baseflows of streams were less than normal throughout the State as only 1 of the 17 unregulated sites in table 1 had minimum 7-day average discharge equal to a 2-year recurrence interval. Four stations had minimum 7-day average discharges equal to or greater than a 5-year recurrence and 12 had recurrence intervals of 10 years or greater.

Chemical quality of surface water in Alabama generally is suitable for most uses. Dissolved-solids concentrations in water in streams in 2001 were typically less than 200 mg/L except for streams in west-central Alabama where concentrations occasionally exceeded 500 mg/L. The pH of water in most streams was near 7.0 and dissolved-oxygen concentrations were seldom less than 5.0 mg/L. Trace constituent concentrations generally were low and similar to concentrations observed in previous years. Suspended-sediment concentrations were low except during periods of high streamflow.

TABLE 1.—MEAN, MAXIMUM, AND MINIMUM STREAMFLOW AND RECURRENCE INTERVALS AT SELECTED STATIONS

Station name	Station number	Length of record (years)	Mean		Maximum		Minimum 7-day average (ft ³ /s)	Recurrence interval (years)
			Yearly mean (ft ³ /s)	Percent of long-term average	Peak discharge (ft ³ /s)	Recurrence interval (years)		
Uchee Creek near Fort Mitchell	02342500	55	353	82	15,200	5	6.4	>10
Choctawhatchee River near Newton	02361000	71	798	84	11,800	<5	62	>10
Conecuh River at Brantley	02371500	64	667	101	16,900	10	20	>10
Murder Creek at Evergreen	02374500	64	288	102	12,400	10	41	>10
Fish River near Silver Hill	02378500	31	80	70	1,930	2	38	>10
Big Wills Creek near Reece City	02401000	42	228	75	3,480	2	43	>2
Kelly Creek near Vincent	02405500	33	324	98	8,540	5	3.4	>5
Coosa River at Jordan Dam near Wetumpka	02411000	77	13,040	80	145,000	<2	regulated	
Tallapoosa River near Heflin	02412000	49	452	67	7,220	2	27	>10
Mulberry Creek at Jones	02422500	59	240	78	5,150	2	35	>10
Cahaba River at Centreville	02424000	74	1,340	84	18,900	2	136	>10
Buttahatchee River below Hamilton	02438000	31	507	97	17,200	2	25	>10
Sipsey River near Elrod	02446500	58	789	98	6,960	2	34	>5
Sipsey Fork near Grayson	02450250	35	202	122	8,630	5	1.2	>10
Locust Fork at Sayre	02456500	63	1,710	117	28,700	5	38	>5
Black Warrior River at Northport	02465000	81	8,520	107	124,000	5	regulated	
Tombigbee River at Demopolis L&D near Coatopa	02467000	73	23,700	100	131,000	2	regulated	
Chickasaw Creek near Kushla	02471001	50	172	63	3,620	2	21	>10
Paint Rock River near Woodville	03574500	65	707	104	12,900	2	8.6	>5
Big Nance Creek at Courtland	03586500	54	296	106	5,190	2	.5	>10

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 50 sites in small drainage basins around the country whose purpose is to provide consistent data on the streamflow representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by human activities. At 10 of these sites, water-quality information is being gathered on major ions and nutrients, primarily to assess the effects of acid deposition on stream chemistry. Additional information on the Hydrologic Benchmark Program can be found at <http://water.usgs.gov/hbn/>.

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

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) provides continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from a network of 225 precipitation chemistry monitoring sites. This long-term, nationally consistent monitoring program, coupled with ecosystem research, provides critical information toward a national scorecard to evaluate the effectiveness of ongoing and future regulations intended to reduce atmospheric emissions and subsequent impacts to the Nation's land and water resources. Reports and other information on the NADP/NTN Program, as well as all data from the individual sites, are available through the World Wide Web at: <http://nadp.sws.uiuc.edu/>.

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

Assessment activities are being conducted in 59 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

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

EXPLANATION OF RECORDS

The surface-water and ground-water records published in this report are for the 2001 water year that began on October 1, 2000, and ended September 30, 2001. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage and contents data for lakes and reservoirs, water-quality data for surface and ground water, ground-water-level data, and precipitation-quality data. The locations of the stations and wells where the data were collected are shown in figures 4-21. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Station Identification Numbers

Each data station in this report, whether streamsite, well, or other site, is assigned a unique identification number. This number is unique in that it applies specifically to a given station and to no other. The number usually is assigned when a station is first established and is retained for that station indefinitely. The system used by the U.S. Geological Survey to assign identification numbers for surface-water stations and for ground-water well sites differ, but both are based on geographic location. The "downstream order" system is used for surface-water stations and the "latitude-longitude" system is used for wells and other off-stream sites.

Downstream Order System

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 mainstream station are listed before that station. A station on a tributary that enters between two mainstream 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 with respect to the stream to which it is immediately tributary is indicated by an indentation in the "List of Stations" in the front of this report. Each indentation represents one rank. This downstream order and system of indentation show in stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

The station-identification number is assigned according to downstream order. 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 number for each station, such as 02371500, which appears just to the left of the station name includes the two-digit part number "02" plus the downstream-order number "371500", which can be from six to 12 digits. Most of the station-identification numbers in this report are eight digits; however, up to 14 digit numbers are permissible. The part number refers to an area whose boundaries coincide with certain natural drainage lines. Records in this report are in part 2 (Eastern Gulf of Mexico Basin) and part 3 (Ohio River Basin). All records for a drainage basin encompassing more than one State can be arranged in downstream order by assembling pages from the various State reports by station number to include all records in the basin.

Latitude-Longitude System

The identification numbers for wells and other off-stream sites, such as rain gages, are assigned according to the grid system of latitude and longitude. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote degrees, minutes, and seconds of longitude, and the last two digits (assigned sequentially) identify the wells or other sites within a 1-second grid as shown in figure 1. This site-identification number, once assigned, is a pure number, and has no location significance. In the rare instance where the initial determination of latitude and longitude are found to be in error, the station will retain its initial identification number; however, its true latitude and longitude will be listed in the LOCATION paragraph of the station description.

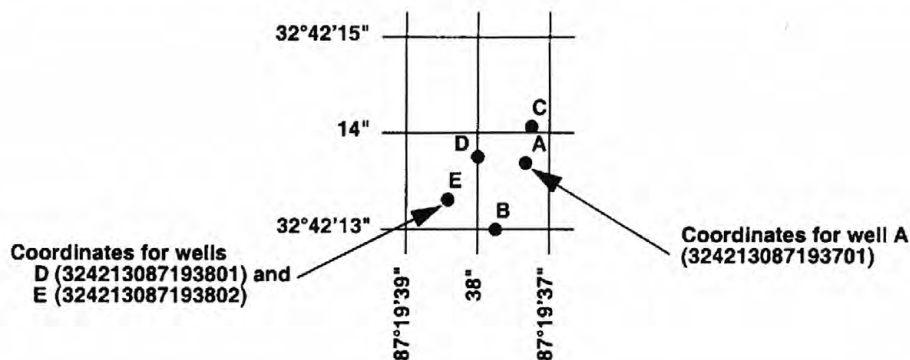


Figure 1.--System for numbering wells and other off-stream sites (latitude and longitude).

Records of Stage and Water Discharge

Records of stage and water discharge may be complete or partial. Complete records of stage or discharge are those obtained using a continuous or specified time-interval stage-recording device through which either instantaneous or mean daily discharges may be computed for any time, or any period of time, during the period of record. Occasionally, other parameters such as tainter gate openings and stream velocity will also be needed to compute discharges. Stations for which daily mean discharges or gage heights are published are referred to as "daily stations". These methods are described in standard textbooks, Water-Supply Paper 2175, and the U.S. Geological Survey *Techniques of Water-Resources Investigations* (TWRI's), Book 3, Chapter A1 through A19 and Book 8, Chapters A2 and B2. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (ISO).

By contrast, partial records are obtained through discrete measurements without using a continuous stage-recording device and pertain only to a few flow characteristics, or perhaps only one. The nature of the partial record is indicated by table titles such as "Crest-stage partial records," or "Low-flow partial records." Records of miscellaneous peak discharge at selected sites or of measurements from specific studies, such as low-flow seepage studies, may be considered as partial records and these are presented under the appropriate heading.

Data Collection and Computation

The data obtained at a complete-record gaging station on a stream or canal consist of a continuous record of stage, individual measurements of discharge throughout a range of stages, and notations regarding factors that may affect the relations between stage and discharge. These data, together with supplemental information, as weather records, are used to compute daily discharges.

Continuous records of stage are obtained with devices that record stage values at selected time intervals or with analog recorders that trace continuous graphs of stage. Measurements of discharge are made with current meters using methods adapted by the Geological Survey as a result of experience accumulated since 1880. These methods are described in standard textbooks, in Water-Supply Paper 2175, and in U.S. Geological Survey Techniques of Water-Resources Investigations, Book 3, Chapter A6.

In computing discharge records, results of individual measurements are plotted against the corresponding stages, and stage-discharge relation curves are then constructed. From these curves, rating tables indicating the approximate discharge for any stage within the range of the measurements are prepared. If it is necessary to define extremes of discharge outside the range of the current-meter measurements, the curves are extended using: (1) logarithmic plotting; (2) velocity-area studies; (3) results of indirect measurements of peak discharge, such as slope-area or contracted-opening measurements, and computations of flow-over-dams or weirs; or (4) step-backwater techniques.

Daily mean discharges are computed by applying the daily mean stages (gage heights) to the stage-discharge curves or tables. 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 determined by the shifting-control method, in which correction factors based on the individual discharge measurements and notes of the personnel making the measurements are applied to the gage heights before the discharges are determined from the curves or tables. This shifting-control method is also used if the stage-discharge relation is changed temporarily because of aquatic growth or debris on the control. For some stations, formation of ice in the winter may so obscure the stage-discharge relations that daily mean discharges must be estimated from other information such as temperature and precipitation records, notes of observations, and records for other stations in the same or nearby basins for comparable periods.

At some stream-gaging stations the stage-discharge relations are 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 relations are affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

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. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated from the recorded range in stage, previous and following record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Information explaining how estimated daily-discharge values are identified in station records is included in the next two sections, "Data Presentation" (REMARKS paragraph) and "Identifying Estimated Daily Discharge."

Computation of records of lake or reservoir contents requires a stage-contents relation which can be obtained from surveys, curves, or tables defining this relationship. The application of stage to the stage-contents curves or tables gives the contents from which daily, monthly, or yearly changes then are determined. If the stage-contents relation changes because of deposition of sediment in a lake or reservoir, periodic resurveys may be necessary to redefine the relation.

Data Presentation

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

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

Station Manuscript

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

LOCATION.--Information on locations is obtained from the most accurate maps available. The location of the gage 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 at the time of determination of drainage area varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps and funds become available.

PERIOD OF RECORD.--This indicates the period for which there are published records 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 records from it can reasonably be considered equivalent with records from the present station.

REVISED RECORDS.--Published records, because of new information, 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 does 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 information was first published is given.

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

REMARKS.--All periods of estimated daily-discharge record 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 statement 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, to conditions that affect natural flow at the station 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 Geological Survey by a cooperating organization are identified here.

EXTREMES OUTSIDE THE 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 errors in published water-quality records are discovered after publication, appropriate updates are made in the U.S. Geological Survey's distributed data system, NWIS, and subsequently to its web-based National data system [<http://water.usgs.gov/nwis/nwis>]. Because the usual volume of updates makes it impractical to document 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 NWIS or NWISWeb to ensure the most recent updates. Updates to NWISWeb are currently made on an annual basis.

For stations meeting certain criteria, all peak discharges and stages occurring during the water year and greater than a selected base discharge are presented in a table in this report. The peaks greater than the base discharge, excluding the highest one, are referred to as secondary peaks. Peak discharges are not published for canals, ditches, drains, or streams for which the peaks are subject to substantial control by man.

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 obtain the record from published data reports may wish to contact the District office to determine if the published records were revised after the station was discontinued. Data obtained from computer files for discontinued stations will be current since these files are updated with appropriate revisions at the time revisions are made.

Manuscript information for lake or reservoir stations differs slightly from that for stream and stage stations. A paragraph describing the dam, beginning storage date, if known, and pertinent contents and elevation information is included in the description. Normally there is no "REMARKS" section. "EXTREMES" sections are presented only for those reservoirs where daily or more frequent pool elevations are available.

Headings for AVERAGE DISCHARGE, EXTREMES FOR PERIOD OF RECORD, AND EXTREMES FOR CURRENT YEAR have been deleted and the information contained in these paragraphs 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. Secondary instantaneous peak discharges above a selected base discharge are listed in a table entitled "*Peak Discharges and Peak Discharges above Base Discharge for Water Year ----.*"

Data Table of Daily Mean Values

The daily table of discharge records for stream-gaging stations gives mean discharge for each day of the water year. In the monthly summary for the table, the line headed "TOTAL" gives the sum of the daily figures for each month; the line headed "MEAN" gives the 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 years 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 YEAR (WY), and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. 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 record is indicated in the manuscript.

Summary Statistics

A table titled "SUMMARY STATISTICS" follows the statistics of monthly mean data tabulation. This table consists of four columns, with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily and instantaneous flows, not only for the current water year but also for the previous calendar year and for a designated period, as appropriate. The designated period selected, "WATER YEARS _____," will consist of all of the station 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 for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of 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 are also given. Runoff data may be omitted if there is extensive regulation or diversion of flow in the drainage basin.

The following summary statistics data, as appropriate, are provided with each continuous record of discharge. Comments to follow clarify information presented under the various line 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 a 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 the secondary instantaneous peak discharges above a selected base discharge are printed in this report in a table entitled "*Peak Discharges and Peak Discharges above Base Discharge for Water Year ---.*"

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 equivalent 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 of area drained, assuming the runoff is distributed uniformly in time and area.

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

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

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

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

The daily table of gage-height stations gives mean gage-height for each day or a gage reading for a designated time. In the monthly summary, the line headed "MEAN" gives the average gage height during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily gage heights, respectively, for the month.

Data for reservoirs are presented following the continuous-station data for the basin in which they are located. Monthend elevations, contents, and monthly and yearly change in contents are presented in tabular form following the reservoir station description.

Data collected at partial-record stations follow the information for continuous-record sites. If collected, 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 data contained in the partial-record station tables are often supplemented by information gathered at miscellaneous sites which are neither continuous record nor partial-record stations. This information is presented in tables similar to those for the partial-record stations and the table headings explain the data which are shown.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified either by flagging individual daily values with the letter symbol "e" and printing a table footnote, "e Estimated," and/or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of the Records

The accuracy of streamflow records 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 measurements of stage, measurement of discharge, and interpretation of records.

The accuracy attributed to the records is indicated under "REMARKS". "Excellent" means that about 95 percent of the daily discharges are within 5 percent of the true; "good," within 10 percent; and "fair," within 15 percent. Records that do not meet the criteria mentioned, are rated "poor." Different accuracies may be attributed to different parts of a given record.

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

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, and 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.

Other Records Available

Information used in the preparation of the records in this publication, such as discharge-measurement notes, gage-height records, temperature measurements, and rating tables are on file in the Alabama District office. Also, most of the daily mean discharges are in computer-readable form, and have been analyzed statistically. Information on the availability of the unpublished information or on the results of statistical analyses of the published records may be obtained from the District office.

Records of discharge or gage height, not published by the U.S. Geological Survey, are collected in Alabama at several sites by the National Weather Service, Tennessee Valley Authority, and the U.S. Army Corps of Engineers. The National Water Data Exchange (NAWDEX), U.S. Geological Survey, Reston, VA 22092, indexes the water data available from more than 400 organizations, and serves as a focal point to help those in need of water data to determine what information is available. Information and assistance on how to use this system can be obtained from the District office.

Records of Surface-Water Quality

Records of surface-water quality are usually obtained at or near stream-gaging stations because interpretation of records of surface-water quality nearly always requires corresponding discharge data. Records of surface-water quality in this report may involve a variety of types of data and measurement frequencies.

Classification of Records

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

A careful distinction needs to be made between "continuing records", as used in this report, and "continuous recordings," which refers to discrete values stored electronically in a data logger are obtained via data collection platform. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently.

On-Site Measurements and Sample Collection

A primary concern of the water-quality data acquisition efforts of the U.S. Geological Survey is how well the data collected represent on-site water-quality conditions. Measurements of unstable variables such as water temperature, pH, and dissolved oxygen are made on site when samples are taken to assure that the reported readings accurately represent the water-quality at the time of sampling. Standard Geological Survey procedures for the collection, treatment, and, if necessary, shipment of samples prior to laboratory analysis are also followed to assure that the constituents for which these samples are analyzed have changed minimally from their on-site values. Procedures for onsite measurements and for collecting, treating, and shipping samples are given in the TWRI Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1-A9. These references are listed in the PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS section of this report. These methods are consistent with ASTM standards and generally follow ISO standards.

One sample can adequately define 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. All samples obtained for the National Stream Quality Accounting Network (NASQAN) program are obtained from at least several verticals. Whether samples collected at other sites are obtained from the centroid of flow or from several verticals, depends on flow conditions and other factors which must be evaluated by the collector.

Water Temperature

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

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

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples are usually obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross section. Although data collected periodically may represent conditions only at the time of sampling, data are useful in establishing seasonal relations between quality and streamflow and in predicting long-term sediment-discharge characteristics of a stream.

In addition to the records of suspended-sediment discharge, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations. Methods used in the computation of sediment records are described in the TWRI Book 3, Chapters C1 and C3. These methods are consistent with ASTM standards and generally follow ISO standards.

Laboratory Measurements

Samples for indicator bacteria are analyzed locally. Samples for the National Stream Quality Accounting Network, the Hydrologic Bench-Mark Network (see definitions), and several long-term trend stations are analyzed in the Geological Survey laboratory in Arvada, Co. or Ocala, Fla. All sediment and bottom material samples are analyzed by the sediment laboratories located in various U.S. Geological Survey District Offices. Methods used to analyze sediment samples and to compute sediment records are described in TWRI Book 5, Chapter C1. Methods used by the U.S. Geological Survey laboratories are given in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, A4, and A5. These methods are consistent with ASTM standards and generally follow ISO standards. In March 1989, 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 1989.

Data Presentation

Water-quality records collected at a surface-water daily-record station are published immediately following that record, regardless of the sampling frequency. Station number and name are the same for both records. If no daily surface-water record is available, continuing water-quality record is published with its own station number and name in the regular downstream-order sequence, while data for partial-record stations and miscellaneous sites appear in separate tables following tables of discharge at partial-record stations and miscellaneous sites. Here each partial-record station and miscellaneous site is published with its own station number and name in the regular downstream-order sequence and without descriptive statements.

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for constituents measured daily. Tables of chemical, physical, biological, and radiochemical data obtained at a frequency less than daily are presented first. In tables where both field and laboratory measurements of the same parameter are published (pH, specific conductance, and alkalinity in this report), the laboratory determinations represent the quality of the sample at the time of analysis. Laboratory values for parameters measured in the field generally will be comparable to the field values for these parameters. Differences between the field and laboratory values represent a summation of (1) actual changes in the sample between the time of collection and the time of analysis, (2) errors in precision associated with instrument operation, and (3) errors in accuracy inherent in the instruments themselves. Tables of "daily values" of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

If the location is identical to that of the discharge-gaging station, the LOCATION and the DRAINAGE AREA statements are not repeated in the descriptive headings. The following information, as appropriate, is provided with each continuing record station. Comments that follow clarify information presented under the various headings of the station description.

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

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

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

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

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

EXTREMES.--Maximums and minimums are given only for constituents measured daily or more frequently. None are given for constituents measured weekly or less frequently, because the true maximums or minimums may not have been sampled. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.--If errors in 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, NWIS, 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.

Remark Codes

The remark codes that may appear with the water-quality data in this report are given at the beginning of the surface-water station records section of this report.

Other Records Available

The Geological Survey of Alabama, Alabama Department of Environmental Management, Alabama Health Department, Alabama Power Company, U.S. Army Corps of Engineers, Tennessee Valley Authority, U.S. Environmental Protection Agency, and National Aeronautics and Space Administration, and various county and city agencies have collected records of water quality at many sites during the current water year.

Records of Ground-Water Levels

Water-level data from National and State networks of observation wells are given in this report. These data are intended to provide a sampling and historical record of water-level changes in the State's most important aquifers. Locations of the observation wells in this report are shown in figure 20. Measurements of water levels collected at numerous miscellaneous wells in several counties are published in this report.

Data Collection and Computation

Measurements of water levels are made in many types of wells under varying conditions, but the methods of measurement are standardized to the extent possible. The equipment and measuring techniques used ensure that measurements at each well are consistently accurate and reliable.

Tables of water-level data are presented by counties arranged in alphabetical order. The prime identification number for a given well is the 15-digit number that appears in the upper left corner of the table. The secondary identification number is the local well number, an alphanumeric number, based on the Federal system of subdivision of public lands, by range and township lines, into rectangular areas of approximately 36 square miles. Each township is divided into 36 sections numbered from 1 in the northeast corner to 36 in the southeast corner. Similarly, each township is assigned a letter from A in the northeast township (of the top tier) through U in the southwest township (fig. 1). The wells within each township are numbered consecutively, as are sections in a township; for example, in township A they are designated A-1, A-2, A-3, and in township B, B-1, B-2, B-3.

Water-level records are obtained from direct measurements with a steel tape or from the graph or punched tape of the water-stage recorder. The water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plan that is approximately at land surface at each well. If known, the elevation of the land-surface datum 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. Well levels in wells equipped with recording gages are reported for every fifth day and the end of each month (eom).

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

Data Presentation

Each well record consists of three parts, the station description, graphs of the water levels for the period of record and current water year, and a summary of water levels for the current water year consisting of the "MEAN", the average water level in feet for each month; the "LOW" and "HIGH", the lowest and highest daily mean water levels, respectively, for each month; and the annual water year mean water level and the highest and lowest water levels of the water year and their dates of occurrence are shown on the line below the monthly summary.

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) 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.

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

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

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 daily mean 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 dates of occurrence are shown on a line below the abbreviated table. Because all values are not published for wells with recorders, the extremes may be values that are not listed in the table. Missing records are indicated by dashes in place of the water level. A hydrograph for a selected period of record follows each water-level table.

Records of Ground-Water Quality

Records of ground-water quality in this report differ from other types of records in that for most sampling sites they consist of only one set of measurements for the water year. The quality of ground water ordinarily changes only slowly; therefore, for most general purposes one annual sampling, or only a few samples taken at infrequent intervals during the year, is sufficient. Frequency measurement of the same constituents is not necessary unless one is concerned with a particular problem, such as monitoring the trends in nitrate concentration. In the special cases where the quality of ground water may change more rapidly, more frequency measurements are made to identify the nature of the changes.

Data Collection and Computation

The records of ground-water quality in this report were obtained as a part of a special study in a specific area. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality Statewide. Such a view can be attained only by considering records for this year in context with similar records obtained in earlier years.

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey TWRI publications referred to in the "On-site Measurements and Sample Collection" and the "Laboratory Measurements" sections in this data report. In addition, the TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. The values reported in this report represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. All samples were obtained by trained personnel. The wells sampled were pumped long enough to assure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Data Presentation

The records of ground-water quality are published in a section titled QUALITY OF GROUND WATER immediately following the ground-water-level records. Data for quality of ground water are listed alphabetically by county, and are identified by well number. The prime identification number for wells sampled is the 15-digit number derived from the latitude-longitude locations. No descriptive statements are given for ground-water-quality records; however, the well number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water. The REMARK codes listed for surface-water-quality records are also applicable to ground-water-quality records.

Records of Precipitation Quality

The precipitation-quality data presented in this report represent analyses of time-composite samples, most often for a collection period of one week. This is in contrast to most of the published surface-water-quality data which represent samples taken at specific times. Location of station for which records of precipitation appear is shown in figure 21.

On-Site Measurements and Sample Collection

Precipitation samples are collected with wet/dry collectors or bulk samplers. The wet/dry collector is the preferred precipitation sampler and consists of a bucket which is open only during periods of wet (rainfall, snow, etc.) precipitation. During dry periods the sample bucket is covered, thus excluding dry-fall precipitation from the sample. Bulk samplers are less desirable because they collect both wet- and dry-fall precipitation. However, they are useful as backups during times when the wet/dry samplers fail to properly function. Bulk samplers consist of a catchment area, such as a funnel, where the sample is collected and then fed through a delivery tube to the sample receptacle. The tubing is looped in order to minimize sample evaporation. If necessary, wet/dry samplers can also be used as makeshift bulk samplers by leaving them in the open position for the collection period.

Accurate measurements of precipitation quantity also are made at each station. One of two types of recording gages is normally used. National Trends Network (NTN) stations are equipped with weighing- bucket rain gages, which graphically record rainfall as well as count rainfall events. The other commonly-used recording gage consists of a rainfall catchment pipe and a float-driven digital recorder which periodically records the water-level in the pipe.

Time-composite wet- and bulk-precipitation samples are collected and brought back to the laboratory and weighed. Rainfall quantity is estimated from the sample weight. A temperature-density correction can be applied if desired but normally this correction results in a very small change in the estimated quantity of rainfall. An estimation of the sampler efficiency is made by computing the ratio of rainfall amount collected in the sample bucket to that measured by the recording rain gage. This collector efficiency ratio is an important indicator of possible collector malfunction. For example, a ratio substantially less than one indicates that the wet/dry collector was not opening properly and thus, excluding rainfall.

After weighing the sample, a small portion is removed for measurement of pH, specific conductance, and, in some instances, titratable acidity. The pH and specific conductance are both determined electrometrically according to methods described in the National Atmospheric Deposition Program "NADP Instruction Manual: Site Operation". The remainder of the sample is then used for laboratory chemical analyses. This portion of the sample is shipped to the laboratory raw and untreated. In the case of NTN operation, the original bucket is resealed and mailed to the Illinois State Water Survey Central Analytical Laboratory (CAL) for analysis. In all other instances, sample portions are preserved, treated, and analyzed according to specific project requirements.

Data Presentation

Records of precipitation quality are published following the "Records of ground-water" section of this report. As with records of daily water discharge and surface-water quality, precipitation-quality records consist of two parts, a station header and a data table. The station header contains the descriptive information pertinent to the establishment, location, and operation of the site. Records are presented alphabetically by county and, within each county, by latitude, longitude, and sequence number. As with ground-water wells, the primary site identifier used for precipitation-quality stations in this report is the 15-digit composite of these three numbers. The following text presents a clarification of the subheadings which follow the station identification number and station name.

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

PERIOD OF RECORD.--This indicates the periods for which there are published precipitation-quality records for the station. Periods of record are presented separately for each type of sample collected at the site (in this report, either wet precipitation, bulk precipitation, or both).

INSTRUMENTATION.--In this section, an abbreviated-style listing of the data-recording and sample-collection equipment permanently housed at the site is presented.

REMARKS.--This section is reserved for comments pertaining to unusual or extraordinary circumstances or to qualifying information which must be used to accurately interpret the data presented for the site. More general comments which may pertain to several or all of the sites are presented in the "EXPLANATION OF RECORDS" section in the introductory part of the report.

ACCESS TO WATSTORE DATA

The U.S. Geological Survey provides near real-time stage and discharge data for many of the gaging stations equipped with the necessary telemetry and historic daily-mean and peak-flow discharge data for most current or discontinued gaging stations through the world wide web (WWW). These data may be accessed at <http://water.usgs.gov>.

Some water-quality and ground-water data also are available through the WWW. In addition, data can be provided in various machine-readable formats on magnetic tape or 3¹/₂ inch floppy disk. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division District Offices. (See address on the back of the title page.)

DEFINITION OF TERMS

Specialized technical terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. Terms such as algae, water level, precipitation are used in their common everyday meanings, definitions of which are given in standard dictionaries. Not all terms defined in this alphabetical list apply to every State. See also table for converting English units to International System (SI) Units on the inside of the back cover.

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

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

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

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

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

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

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

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

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

Ash mass is the mass or amount of residue present after the residue from the dry mass determination has been ashed in a muffle furnace at a temperature of 500 °C for 1 hour. Ash mass of zooplankton and phytoplankton is expressed in grams per cubic meter (g/m^3), and periphyton and benthic organisms in grams per square meter (g/m^2). (See also "Biomass")

Base discharge (for peak discharge) is a discharge value, determined for selected stations, above which peak discharge data are published. The base discharge at each station is selected so that an average of about three peaks per year will be published.

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

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

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

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

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

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

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

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

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

Bottom material (See "Bed material")

Cells/volume refers to the number of cells of any organism that is counted by using a microscope and grid or counting cell. Many

planktonic organisms are multicelled and are counted according to the number of contained cells per sample volume, and are generally reported as cells or units per milliliter (mL) or liter (L).

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

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

π is the ratio of the circumference to the diameter of a circle;

$\pi = 3.14159\ldots$

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

Cfs-day (See "Cubic foot per second-day")

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

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

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

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

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

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

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

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

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

Cubic foot per second (CFS, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point in 1 second. It is equivalent to approximately 7.48 gallons per second or approximately 449 gallons per minute, or 0.02832 cubic meters per second. The term "second-feet" sometimes is used synonymously with "cubic feet per second" but is now obsolete.

Cubic foot per second-day (CFS-DAY, Cfs-day, $[(\text{ft}^3/\text{s})/\text{d}]$) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.98347 acre-feet, 646,317 gallons, or 2,446.6 cubic meters. The daily-mean discharges reported in the daily-value data tables are numerically equal to the daily volumes in cfs-days, and the totals also represent volumes in cfs-days.

Cubic foot per second per square mile [CFSM, $(\text{ft}^3/\text{s})/\text{mi}^2$] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area. (See also "Annual runoff")

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

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

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

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

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

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

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

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

constituent that passes the cross section in a given period of time (tons per day).

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

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

Dissolved-solids concentration in water is the quantity of dissolved material in a sample of water. It is determined either analytically by the "residue-on-evaporation" method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. In the mathematical calculation, the bicarbonate value, in milligrams per liter, is multiplied by 0.4926 to convert it to carbonate. Alternatively, alkalinity concentration (as mg/L CaCO_3) can be converted to carbonate concentration by multiplying by 0.60.

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

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

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

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

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

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

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

Enterococcus bacteria are commonly found in the feces of humans and other warm-blooded animals. Although some strains are ubiquitous and not related to fecal pollution, the presence of enterococci in water is an indication of fecal pollution and the possible

presence of enteric pathogens. Enterococcus bacteria are those bacteria that produce pink to red colonies with black or reddish-brown precipitate after incubation at 41 °C on mE agar and subsequent transfer to EIA medium. Enterococci include *Streptococcus faecalis*, *Streptococcus faecium*, *Streptococcus avium*, and their variants. (See also "Bacteria")

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

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

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

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

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

Fecal coliform bacteria are present in the intestine 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 organisms that produce blue colonies within 24 hours when incubated at 44.5 °C plus or minus 0.2 °C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Fecal streptococcal bacteria are present in the intestine of warm-blooded animals and are ubiquitous in the environment. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. In the laboratory, they are defined as all the organisms that produce red or pink colonies within 48 hours at 35 °C plus or minus 1.0 °C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

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

Flow-duration percentiles are values on a scale of 100 that indicate the percentage of time for which a flow is not exceeded. For

example, the 90th percentile of river flow is greater than or equal to 90 percent of all recorded flow rates.

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

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

Gage values are values that are recorded, transmitted and/or computed from a gaging station. Gage values typically are collected at 5-, 15-, 30-, or 60-minute intervals.

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

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

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algae mats or floating "moss" in lakes. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample. (See also "Phytoplankton")

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

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations (primarily calcium and magnesium) and is expressed as the equivalent concentration of calcium carbonate (CaCO_3).

High tide is the maximum height reached by each rising tide. The high-high and low-high tides are the higher and lower of the two high tides, respectively, of each tidal day. See NOAA web site: <http://www.co-ops.nos.noaa.gov/tideglos.html>

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

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

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

Horizontal datum (See "Datum")

Hydrologic benchmark 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 benchmark station may be used to separate effects of natural from human-induced changes in other basins that have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped benchmark basin.

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

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

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

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

Laboratory Reporting Level (LRL) is generally equal to twice the yearly determined long-term method detection level (LT-MDL). The LRL controls false negative error. The probability of falsely reporting a non-detection for a sample that contained an analyte at a concentration equal to or greater than the LRL is predicted to be less than or equal to 1 percent. The value of the LRL will be reported with a "less than" (<) remark code for samples in which the analyte was not detected. The National Water Quality Laboratory collects quality-control data from selected analytical methods on a continuing basis to determine LT-MDLs and to establish LRLs. These values are reevaluated annually based on the most current quality-control data and may, therefore, change. [Note: In several previous NWQL documents (Connor and others, 1998; NWQL Technical Memorandum 98.07, 1998), the LRL was called the non-detection value or NDV—a term that is no longer used.)

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

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

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

where I_0 is the source light intensity, I is the light intensity at length L (in meters) from the source, λ is the light-attenuation coefficient, and e is the base of the natural logarithm. The light attenuation coefficient is defined as

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

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

Long-Term Method Detection Level (LT-MDL) is a detection level derived by determining the standard deviation of a minimum of 24 method detection limit (MDL) spike sample measurements over an extended period of time. LT-MDL data are collected on a continuous basis to assess year-to-year variations in the LT-MDL. The LT-MDL controls false positive error. The chance of falsely reporting a concentration at or greater than the LT-MDL for a sample

that did not contain the analyte is predicted to be less than or equal to 1 percent.

Low tide is the minimum height reached by each falling tide. The high-low and low-low tides are the higher and lower of the two low tides, respectively, of each tidal day. See NOAA web site: <http://www.co-ops.nos.noaa.gov/tideglos.html>

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

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

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

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

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

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

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

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

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

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

Micrograms per gram (UG/G, mg/g) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the element per unit mass (gram) of material analyzed.

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

Micrograms per liter (UG/L, mg/L) is a unit expressing the concentration of chemical constituents in water as mass (micrograms) of constituent per unit volume (liter) of water. One thousand micro-

grams per liter is equivalent to 1 milligram per liter. One microgram per liter is equivalent to 1 part per billion.

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

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

Minimum Reporting Level (MRL) is the smallest measured concentration of a constituent that may be reliably reported by using a given analytical method (Timme, 1995).

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

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

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

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

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

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

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

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

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

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

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

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. Organic mass is expressed in the same units as for ash mass and dry mass. (See also "Ash mass," "Biomass," and "Dry mass")

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m^2), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

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

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

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

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

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

Particle-size classification, as used in this report, agrees with the recommendation made by the American Geophysical Union Subcommittee on Sediment Terminology. The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay	0.00024 - 0.004	Sedimentation
Silt	0.004 - 0.062	Sedimentation
Sand	0.062 - 2.0	Sedimentation/sieve
Gravel	2.0 - 64.0	Sieve

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

Peak flow (peak stage) is an instantaneous local maximum value in the continuous time series of streamflows or stages, preceded by a period of increasing values and followed by a period of decreasing

values. Several peak values ordinarily occur in a year. The maximum peak value in a year is called the annual peak; peaks lower than the annual peak are called secondary peaks. Occasionally, the annual peak may not be the maximum value for the year; in such cases, the maximum value occurs at midnight at the beginning or end of the year, on the recession from or rise toward a higher peak in the adjoining year. If values are recorded at a discrete series of times, the peak recorded value may be taken as an approximation to the true peak, which may occur between the recording instants. If the values are recorded with finite precision, a sequence of equal recorded values may occur at the peak; in this case, the first value is taken as the peak.

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

Percent shading is determined by using a clinometer to estimate left and right bank shading. The values are added together and divided by 180 to determine percent shading relative to a horizontal surface.

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

Periphyton is the assemblage of microorganisms attached to and living upon submerged solid surfaces. While primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms. Periphyton are useful indicators of water quality.

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

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7 are termed "acidic," and solutions with a pH greater than 7 are termed "basic." Solutions with a pH of 7 are neutral. The presence and concentration of many dissolved chemical constituents found in water are, in part, influenced by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms are also influenced, in part, by the hydrogen-ion activity of water.

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

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

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

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various

percentages of chlorine. They are similar in structure to organochlorine insecticides.

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

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

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

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

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

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

Recurrence interval, also referred to as return period, is the average time, usually expressed in years, between occurrences of hydrologic events of a specified type (such as exceedances of a specified high flow or non-exceedance of a specified low flow). The terms "return period" and "recurrence interval" do not imply regular cyclic occurrence. The actual times between occurrences vary randomly, with most of the times being less than the average and a few being substantially greater than the average. For example, the

100-year flood is the flow rate that is exceeded by the annual maximum peak flow at intervals whose average length is 100 years (that is, once in 100 years, on average); almost two-thirds of all exceedances of the 100-year flood occur less than 100 years after the previous exceedance, half occur less than 70 years after the previous exceedance, and about one-eighth occur more than 200 years after the previous exceedance. Similarly, the 7-day 10-year low flow ($7Q_{10}$) is the flow rate below which the annual minimum 7-day-mean flow dips at intervals whose average length is 10 years (that is, once in 10 years, on average); almost two-thirds of the non-exceedances of the $7Q_{10}$ occur less than 10 years after the previous non-exceedance, half occur less than 7 years after, and about one-eighth occur more than 20 years after the previous non-exceedance. The recurrence interval for annual events is the reciprocal of the annual probability of occurrence. Thus, the 100-year flood has a 1-percent chance of being exceeded by the maximum peak flow in any year, and there is a 10-percent chance in any year that the annual minimum 7-day-mean flow will be less than the $7Q_{10}$.

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

Return period (See "Recurrence interval")

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

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

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

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

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

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

Specific electrical conductance (conductivity) is a measure of the capacity of water (or other media) to conduct an electrical current. It is expressed in microsiemens per centimeter at 25 °C. Specific

electrical conductance is a function of the types and quantity of dissolved substances in water and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is from 55 to 75 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

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

Stage (See "Gage height")

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

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

Substrate is the physical surface upon which an organism lives.

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

0	< no gravel or larger substrate		
1	> 75%		
2	51-75%	4	5-25%
3	26-50%	5	< 5%

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

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

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of undissolved material in a water-sediment mixture. It is operationally defined as the material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative suspended water-sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of "suspended, recoverable" constituents are made either by directly analyzing the suspended material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent. (See also "Suspended")

Suspended sediment is the sediment maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid. (See also "Sediment")

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

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

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

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

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

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

Taxa richness is the total number of distinct species or groups and usually decreases with pollution. (See also "Percent Shading")

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

Kingdom:	Animal
Phylum:	Arthropoda
Class:	Insecta
Order:	Ephemeroptera
Family:	Ephemeridae
Genus:	<i>Hexagenia</i>
Species:	<i>Hexagenia limbata</i>

Temperature preferences:

Cold – preferred water temperature for the species is less than 20 °C or spawning temperature preference less than 16 °C and native distribution is considered to be predominantly north of 45° N. latitude.

Warm – preferred water temperatures for the species is greater than 20 °C or spawning temperature preference greater than 16 °C and native distribution is considered to be predominantly south of 45° N. latitude.

Cool – intermediate between cold and warm water temperature preferences.

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

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

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

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

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

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. This group includes coliforms that inhabit the intestine of warm-blooded animals and those that inhabit soils. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35 °C. In the laboratory, these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35 °C plus or minus 1.0 °C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

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

Total in bottom material is the amount of a given constituent in a representative sample of bottom material. This term is used only

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

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

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

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

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

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

Total sediment load or total load is the sediment in transport as bedload and suspended-sediment load. The term may be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It differs from total sediment discharge in that load refers to the material whereas discharge refers to the quantity of material, expressed in units of mass per unit time. (See also "Sediment," "Suspended-Sediment Load," and "Total load")

Trophic group:

Filter feeder – diet composed of suspended plant and/or animal material.

Herbivore – diet composed predominantly of plant material.

Invertivore – diet composed predominantly of invertebrates.

Omnivore – diet composed of at least 25-percent plant and 25-percent animal material.

Piscivore – diet composed predominantly of fish.

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

values. Consequently, the method of measurement and type of instrument used to derive turbidity records should be included in the "REMARKS" column of the Annual Data Report.

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

Vertical datum (See "Datum")

Volatile organic compounds (VOCs) are organic compounds that can be isolated from the water phase of a sample by purging the water sample with inert gas, such as helium, and subsequently analyzed by gas chromatography. Many VOCs are human-made chemicals that are used and produced in the manufacture of paints, adhesives, petroleum products, pharmaceuticals, and refrigerants. They are often components of fuels, solvents, hydraulic fluids, paint thinners, and dry cleaning agents commonly used in urban settings. VOC contamination of drinking-water supplies is a human health concern because many are toxic and are known or suspected human carcinogens (U.S. Environmental Protection Agency, 1996).

Water table is the level in the saturated zone at which the pressure is equal to the atmospheric pressure.

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

Water year in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 2001, is called the "2001 water year."

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

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

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

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

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

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column and 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. (See also "Plankton")

TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS OF THE U.S. GEOLOGICAL SURVEY

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

The reports listed below are for sale by the U.S.G.S., Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be made in the form of a check or money order payable to the "U.S. Geological Survey." Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and mention the "U.S. Geological Survey Techniques of Water-Resources Investigations."

Book 1. Collection of Water Data by Direct Measurement**Section D. Water Quality**

- 1-D1. Water temperature—influential factors, field measurement, and data presentation, by H. H. Stevens, Jr., J.F. Ficke, and G. F. Smoot: USGS-TWRI book 1, chap. D1. 1975. 65 p.
- 1-D2. Guidelines for collection and field analysis of ground-water samples for selected unstable constituents, by W.W. Wood: USGS-TWRI book 1, chap. D2. 1976. 24 p.

Book 2. Collection of Environmental Data**Section D. Surface Geophysical Methods**

- 2-D1. Application of surface geophysics to ground-water investigations, by A.A. R. Zohdy, G.P. Eaton, and D.R. Mabey: USGS-TWRI book 2, chap. D1. 1974. 116 p.
- 2-D2. Application of seismic-refraction techniques to hydrologic studies, by F.P. Haeni: USGS-TWRI book 2, chap. D2. 1988. 86 p.

Section E. Subsurface Geophysical Methods

- 2-E1. Application of borehole geophysics to water-resources investigations, by W.S. Keys and L.M. MacCary: USGS-TWRI book 2, chap. E1. 1971. 126 p.
- 2-E2. *Borehole geophysics applied to ground-water investigations*, by W.S. Keys: USGS-TWRI book 2, chap. E2. 1990. 150 p.

Section F. Drilling and Sampling Methods

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

Book 3. Applications of Hydraulics**Section A. Surface-Water Techniques**

- 3-A1. General field and office procedures for indirect discharge measurements, by M.A. Benson and Tate Dalrymple: USGS-TWRI book 3, chap. A1. 1967. 30 p.
- 3-A2. Measurement of peak discharge by the slope-area method, by Tate Dalrymple and M.A. Benson: USGS-TWRI book 3, chap. A2. 1967. 12 p.
- 3-A3. Measurement of peak discharge at culverts by indirect methods, by G.L. Bodhaine: USGS-TWRI book 3, chap. A3. 1968. 60 p.
- 3-A4. Measurement of peak discharge at width contractions by indirect methods, by H.F. Matthai: USGS-TWRI book 3, chap. A4. 1967. 44 p.
- 3-A5. Measurement of peak discharge at dams by indirect methods, by Harry Hulsing: USGS-TWRI book 3, chap. A5. 1967. 29 p.
- 3-A6. General procedure for gaging streams, by R.W. Carter and Jacob Davidian: USGS-TWRI book 3, chap. A6. 1968. 13 p.
- 3-A7. Stage measurement at gaging stations, by T.J. Buchanan and W.P. Somers: USGS-TWRI book 3, chap. A7. 1968. 28 p.
- 3-A8. Discharge measurements at gaging stations, by T.J. Buchanan and W.P. Somers: USGS-TWRI book 3, chap. A8. 1969. 65 p.
- 3-A9. Measurement of time of travel in streams by dye tracing, by F.A. Kilpatrick and J.F. Wilson, Jr.: USGS-TWRI book 3, chap. A9. 1989. 27 p.
- 3-A10. Discharge ratings at gaging stations, by E.J. Kennedy: USGS-TWRI book 3, chap. A10. 1984. 59 p.
- 3-A11. Measurement of discharge by the moving-boat method, by G.F. Smoot and C.E. Novak: USGS-TWRI book 3, chap. A11. 1969. 22 p.
- 3-A12. Fluorometric procedures for dye tracing, Revised, by J.F. Wilson, Jr., E.D. Cobb, and F.A. Kilpatrick: USGS-TWRI book 3, chap. A12. 1986. 34 p.
- 3-A13. Computation of continuous records of streamflow, by E.J. Kennedy: USGS-TWRI book 3, chap. A13. 1983. 53 p.
- 3-A14. Use of flumes in measuring discharge, by F.A. Kilpatrick and V.R. Schneider: USGS-TWRI book 3, chap. A14. 1983. 46 p.
- 3-A15. Computation of water-surface profiles in open channels, by Jacob Davidian: USGS-TWRI book 3, chap. A15. 1984. 48 p.
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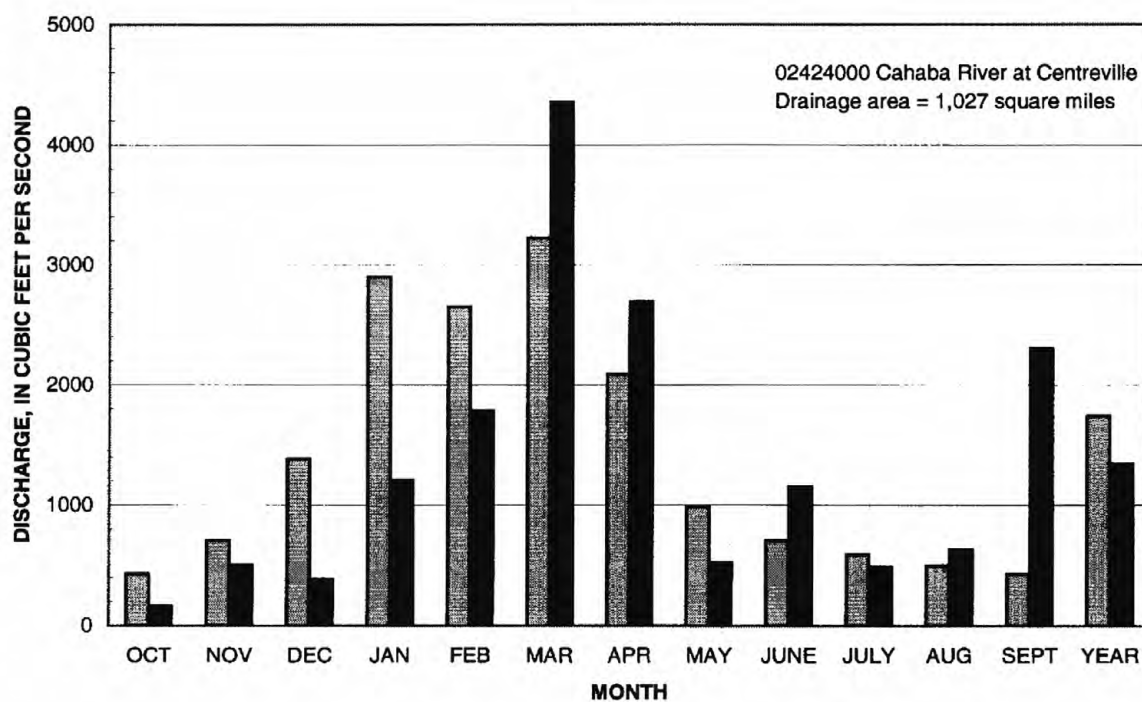
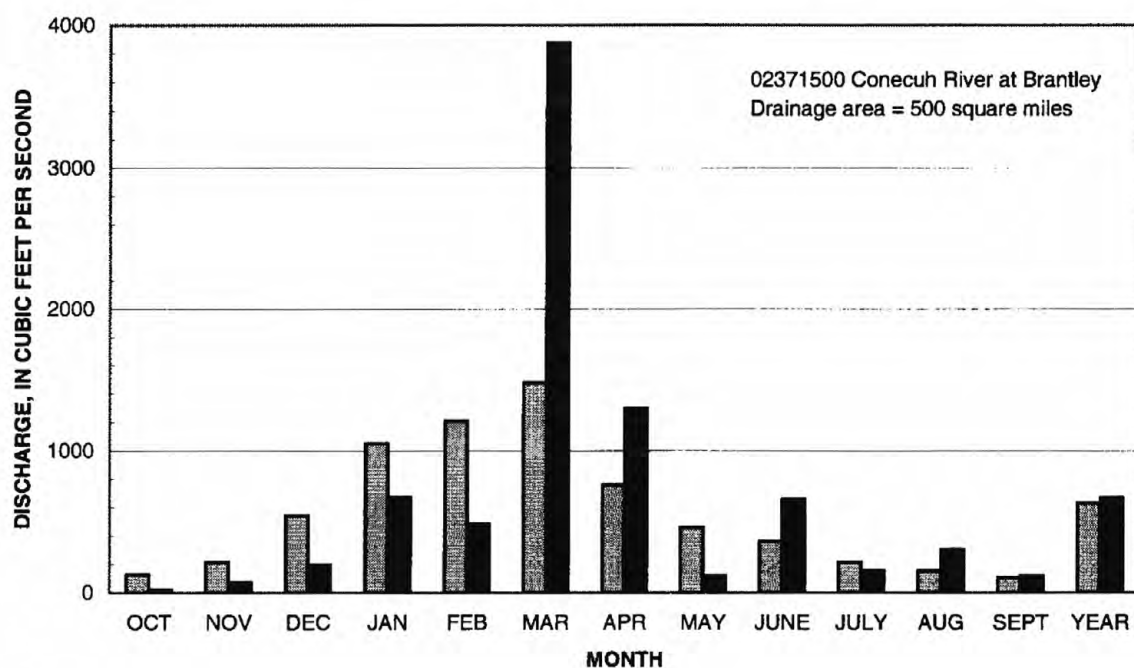
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EXPLANATION



MEDIAN OF MONTHLY AND YEARLY MEAN DISCHARGE
FOR REFERENCE PERIOD, 1971-2000



MONTHLY AND YEARLY MEAN DISCHARGE DURING
WATER YEAR 2001

Figure 2.—Comparison of discharge for water year 2001 to the base period 1971-2000 at two long-term representative gaging stations.

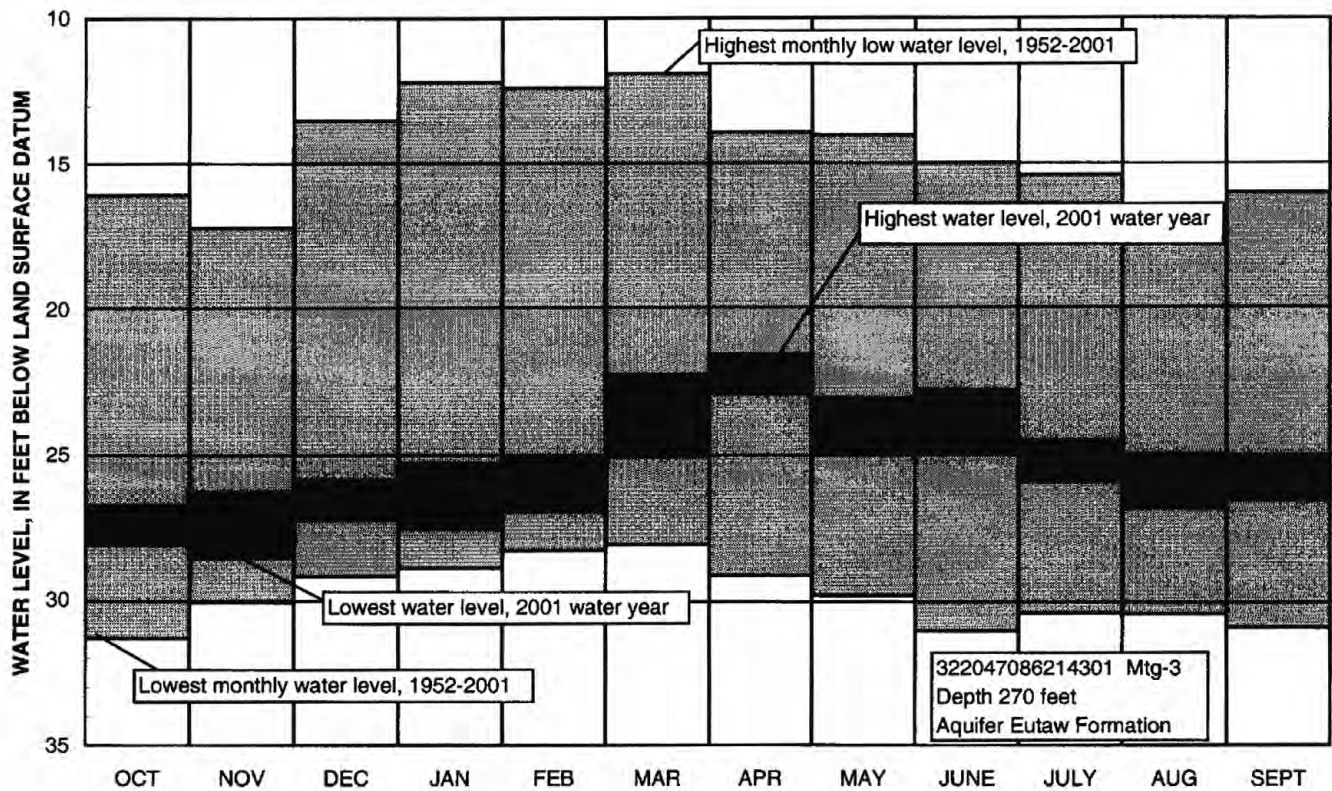


Figure 3.—Comparison of monthly low water levels for water year 2001 to the highest and lowest monthly low water levels for the period of record for an observation well.

TABLE 2.--SITES IN ALABAMA BY BASIN AND FIGURE NUMBER

(Type: Q, continuous streamflow; G, gage height or elevation; FH, flood hydrograph; S, sediment; QW, water quality sample site; QWC, continuous water quality data; L, lake; C, crest stage)

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
APALACHICOLA RIVER BASIN					
West Point Lake near West Point, GA	Troup Co., Ga.	02339400	32°55'05"/85°11'17"	L	4
Chattahoochee River at West Point, GA	Troup Co., Ga.	02339500	32°53'10"/85°10'56"	Q, G	4
Chattahoochee River at Columbus, GA	Muscogee Ga.-Russell	02341500	32°27'45"/84°59'52"	Q, G	4
Uchee Creek near Fort Mitchell	Russell	02342500	32°19'00"/85°00'54"	Q	4
South Fork Cowkie Creek near Batesville	Barbour	02342933	32°01'03"/85°17'45"	Q	4
Chattahoochee River at Coast Guard Dock at Eufaula	Barbour	0234296910	31°54'29"/85°08'42"	G	4
Walter F. George Lake near Fort Gaines, GA	Clay Co., Ga.	02343240	31°37'27"/85°04'03"	L	4
Chattahoochee River near Columbia	Early Co., Ga.-Houston	02343801	31°15'33"/85°06'37"	Q	4
CHOCTAWHATCHEE RIVER BASIN					
Choctawhatchee River near Newton	Dale	02361000	31°20'34"/85°36'38"	Q, G	4
Choctawhatchee River near Bellwood	Geneva	02361500	31°09'33"/85°47'04"	Q, G	4
Little Double Bridges Creek near Enterprise	Coffee	02362240	31°16'20"/85°57'30"	Q	4
Pea River near Arlton	Dale	02363000	31°35'41"/85°46'59"	Q	4
Pea River tributary near Roeton	Coffee	02363005	31°35'45"/85°48'36"	C	4
Pea River at Elba	Coffee	02364000	31°24'48"/86°03'47"	G	4
BLACKWATER RIVER BASIN					
Blackwater River near Bradley	Escambia	02369800	31°01'39"/86°42'36"	Q	4
ESCAMBIA					
Conecuh River at Brantley	Crenshaw	02371500	31°32'24"/86°15'06"	Q	5
Patsaliga Creek near Brantley	Crenshaw	02372250	31°34'46"/86°24'20"	Q	5
Conecuh River below Point A Dam near River Falls	Covington	02372422	31°21'40"/86°31'11"	Q, G	5
Sepulga River near McKenzie	Conecuh	02373000	31°27'13"/86°47'13"	Q	5
Conecuh River at Highway 41 near Brewton	Escambia	02374250	31°04'01"/87°03'42"	Q, G	5
Murder Creek near Evergreen	Conecuh	02374500	31°25'06"/86°59'12"	Q	5
Murder Creek at Highway 41 at Brewton	Escambia	02374700	31°06'03"/87°04'08"	Q, G	5
Burnt Corn Creek near Brewton	Escambia	02374745	31°07'47"/87°05'14"	Q, G	5
Big Escambia Creek near Stanley Crossroads	Escambia	02374950	31°07'46"/87°22'14"	Q	5
Escambia River near Century, FL	Santa Rosa Co, Fla.	02375500	30°57'54"/87°14'03"	Q	5
PERDIDO RIVER BASIN					
Perdido River at Barrineau Park, FL	Baldwin	02376500	30°41'25"/87°26'25"	Q	5
Styx River near Elsanor	Baldwin	02377570	30°36'20"/87°32'50"	Q	5
FISH RIVER BASIN					
Magnolia River at US 98 near Foley	Baldwin	02378300	30°24'23"/87°44'13"	Q	5
Fish River near Silver Hill	Baldwin	02378500	30°32'43"/87°47'55"	Q	5
MOBILE RIVER BASIN					
Chattooga River at Chattoogaville, GA	Chattooga Co., Ga.	02398037	34°20'08"/85°26'43"	Q	6
Mills Creek at Dewey	Cherokee	02398250	34°19'39"/85°30'12"	Q	6
Chattooga River above Gaylesville	Cherokee	02398300	34°17'25"/85°30'33"	Q, QW, S	6
West Fork Little River, DeSoto Park near Fort Payne	DeKalb	02398950	34°29'30"/85°37'00"	Q	6
Little River near Blue Pond	Cherokee	02399200	34°17'20"/85°40'50"	Q	6
Weiss Lake near Leesburg	Cherokee	02399499	34°10'19"/85°45'14"	L	6
Coosa River at Leesburg	Cherokee	02399500	34°10'36"/85°45'15"	G	6
Terrapin Creek at Ellisville	Cherokee	02400100	34°03'54"/85°36'51"	Q	6
Coosa River at Gadsden Steamplant near Gadsden	Etowah	02400496	34°00'50"/85°58'13"	G	6
Coosa River at Gadsden	Etowah	02400500	34°00'37"/85°59'52"	G	6
Big Wills Creek near Reece City	Etowah	02401000	34°05'53"/86°02'17"	Q	6
Big Canoe Creek at Ashville	St. Clair	02401390	33°50'23"/86°15'46"	Q	6
H. Neely Henry Reservoir near Gadsden	Calhoun	02401620	33°47'02"/86°03'10"	L	6

TABLE 2.--SITES IN ALABAMA BY BASIN AND FIGURE NUMBER--Continued

(Type: Q, continuous streamflow; G, gage height or elevation; FH, flood hydrograph; S, sediment; QW, water quality sample site; QWC, continuous water quality data; L, lake; C, crest stage)

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
Choccolocco Creek at Oxford	Calhoun	02403395	33°36'01"/85°49'40"	Q	6
Choccolocco Creek at Jackson Shoals near Lincoln	Talladega	02404400	33°32'54"/86°05'49"	Q	6
Logan Martin Reservoir near Childersburg	St. Clair	02405200	33°24'33"/86°20'17"	L	6
Kelly Creek near Vincent	Shelby	02405500	33°26'51"/86°23'13"	Q	6
Talladega Creek at Alpine	Talladega	02406500	33°21'34"/86°14'03"	Q	6
Coosa River at Childersburg	Shelby	02407000	33°17'30"/86°21'50"	G	6
Coosa River at Gaston Steamplant near Wilsonville	Shelby	02407526	33°14'28"/86°27'30"	G	6
Lay Lake near Clanton	Chilton	02407950	32°57'54"/86°31'03"	L	6
Hatchet Creek below Rockford	Coosa	02408540	32°55'00"/86°16'13"	Q	6
Mitchell Lake near Clanton	Chilton	02409400	32°48'30"/86°26'30"	L	6
Jordan Lake near Wetumpka	Elmore	02410400	32°37'07"/86°15'19"	L	6
Coosa River at Jordan Dam near Wetumpka	Elmore	02411000	32°36'50"/86°15'18"	Q	6
Coosa River at Wetumpka	Elmore	02411600	32°32'13"/86°12'32"	G	6
Tallapoosa River below Tallapoosa, GA	Haralson Co., Ga.	02411930	33°44'27"/85°20'11"	Q	7
Tallapoosa River near Heflin	Cleburne	02412000	33°37'22"/85°30'48"	Q	7
Little Tallapoosa River below Bowdon, GA	Carroll Co., Ga.	02413210	33°29'34"/85°16'45"	Q	7
Little Tallapoosa River near Newell	Randolph	02413300	33°26'14"/85°23'57"	Q	7
Harris Reservoir near Wedowee	Randolph	02413950	33°15'37"/85°37'00"	L	7
Tallapoosa River at Wadley	Randolph	02414500	33°07'00"/85°33'39"	Q, G	7
High Pine Creek near Roanoke	Randolph	02414525	33°09'31"/85°24'06"	Q	7
Tallapoosa River near New Site	Tallapoosa	02414715	32°58'38"/85°44'23"	Q	7
Hillabee Creek near Hackneyville	Tallapoosa	02415000	33°04'00"/85°52'45"	Q	7
Norrell Branch near Dadeville	Tallapoosa	02416481	32°46'20"/85°46'13"	C	7
Lake Martin near Tallassee	Tallapoosa	02417500	32°40'41"/85°54'30"	L	7
Sougahatchee Creek near Loachapoka	Lee	02418230	32°37'36"/85°35'17"	Q	7
Tallapoosa River below Tallassee	Tallapoosa	02418500	32°33'15"/85°53'21"	Q	7
Uphabee Creek near Tuskegee	Macon	02419000	32°28'36"/85°41'42"	Q	7
Tallapoosa River at Milstead	Elmore	02419500	32°26'58"/85°53'33"	G	7
Tallapoosa River near Montgomery	Montgomery	02419890	32°26'23"/86°11'44"	Q, G	7
Threemile Branch at North Boulevard at Montgomery	Montgomery	02419977	32°25'20"/86°15'18"	Q, QW, S	8
Alabama River at Montgomery	Montgomery	02419988	32°23'31"/86°19'04"	G	8
Alabama River near Montgomery	Montgomery	02420000	32°24'41"/86°24'30"	FH, G, S	8
Catoma Creek near Montgomery	Montgomery	02421000	32°18'26"/86°17'58"	Q	8
Pintlalla Creek tributary near Sellers	Montgomery	02421105	32°04'38"/86°21'18"	C	8
Pintlalla Creek at Liberty Church Road near Pintlalla	Montgomery	02421115	32°09'10"/86°21'13"	Q, QW, S	8
Mulberry Creek at Jones	Dallas	02422500	32°34'58"/86°54'13"	Q	8
Alabama River at Selma	Dallas	02423000	32°24'20"/87°01'07"	G	8
Cahaba River at Trussville	Jefferson	02423130	33°37'20"/86°35'58"	Q, QWC	9
Cahaba River near Mountain Brook	Jefferson	02423380	33°28'54"/86°42'46"	Q	9
Little Cahaba River below Leeds	Jefferson	02423397	33°32'56"/86°33'45"	Q, QWC	9
Little Cahaba River near Leeds	Jefferson	02423398	33°31'27"/86°34'32"	Q, QWC	9
Cahaba River near Cahaba Heights	Shelby	02423425	33°24'56"/86°44'23"	Q	9
Cahaba River near Hoover	Jefferson	02423496	33°22'09"/86°47'03"	Q, QWC	9
Cahaba River near Acton	Jefferson	02423500	33°21'48"/86°48'47"	Q	9
Cahaba Valley Creek at Cross Creek Road at Pelham	Shelby	0242354750	33°18'48"/86°48'23"	Q, QW, S	9
Cahaba River near Helena	Shelby	02423555	33°17'04"/86°52'58"	Q	9
Shades Creek near Homewood	Jefferson	02423586	33°26'55"/86°48'49"	Q	9
Shades Creek near Greenwood	Jefferson	02423630	33°19'34"/86°56'59"	Q	9
Cahaba River at Centreville	Bibb	02424000	32°56'42"/87°08'21"	Q, G, QW, S	9

TABLE 2.--SITES IN ALABAMA BY BASIN AND FIGURE NUMBER--Continued

(Type: Q, continuous streamflow; G, gage height or elevation; FH, flood hydrograph; S, sediment; QW, water quality sample site; QWC, continuous water quality data; L, lake; C, crest stage)

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
Cahaba River near Suttle	Perry	02424590	32°31'45"/87°11'56"	Q	9
Cahaba River near Marion Junction	Dallas	02425000	32°26'38"/87°10'49"	Q, S	9
Pine Barren Creek near Snow Hill	Wilcox	02427250	31°59'46"/87°04'06"	Q	8
Alabama River at Claiborne L&D near Monroeville	Monroe	02428400	31°36'54"/87°33'02"	Q	8
Ala. River below Claiborne L&D near Monroeville	Monroe	02428401	31°36'48"/87°33'10"	G	8
Alabama River at Claiborne	Monroe	02429500	31°32'48"/87°30'45"	QW, S	8
Buttahatchee River below Hamilton	Marion	02438000	34°06'22"/87°59'22"	Q	10
Luxapallila Creek at Millport	Lamar	02442500	33°34'30"/88°05'00"	FH	10
Kincaide Creek trib near Ethelsville	Pickens	02443730	33°24'14"/88°10'54"	C	10
Tombigbee River at Beville L&D near Pickensville	Pickens	02444160	33°12'38"/88°17'19"	Q	10
Bogue Chitto Creek near Memphis	Pickens	02444490	33°05'32"/88°17'58"	Q, QW, S	10
Tombigbee River near Cochrane	Pickens	02444500	33°04'52"/88°14'16"	G	10
Sipsey River near Elrod	Tuscaloosa	02446500	33°15'25"/87°46'35"	Q	10
Tombigbee River at Heflin L&D near Gainesville	Greene	02447025	32°50'53"/88°09'22"	Q	10
Noxubee River near Geiger	Sumter	02448500	32°55'57"/88°17'52"	Q	10
Bodka Creek near Geiger	Sumter	02448900	32°48'25"/88°18'43"	Q	10
Duck River near Berlin	Cullman	02449840	34°10'19"/86°41'42"	G	11
Blue Springs Creek near Blountsville	Blount	02449882	34°04'47"/86°36'28"	Q	11
Mulberry Fork near Garden City	Blount	02450000	33°59'42"/86°44'56"	Q	11
Mulberry Fork near Arkadelphia	Blount	02450180	33°52'00"/86°55'20"	Q	11
Sipsey Fork near Grayson	Winston	02450250	34°17'07"/87°23'56"	Q	11
Clear Creek at New Hope Church near Poplar Spring	Winston	02450825	34°04'52"/87°25'22"	Q	11
Lewis Smith Reservoir near Jasper	Walker	02451950	33°56'26"/87°06'28"	L	11
Blackwater Creek near Manchester	Walker	02453000	33°54'30"/87°15'25"	Q	11
Mulberry Fork at Cordova	Walker	02453500	33°45'27"/87°10'13"	G	11
Lost Creek above Parrish	Walker	02454055	33°44'30"/87°19'37"	Q	11
Locust Fork near Cleveland	Blount	02455000	34°01'28"/86°34'27"	Q	12
Turkey Creek at Sewage Plant near Pinson	Jefferson	02455980	33°42'40"/86°41'46"	Q, QWC	12
Locust Fork at Sayre	Jefferson	02456500	33°42'35"/86°59'00"	Q	12
Fivemile Creek at Lawson Road near Tarrant City	Jefferson	02456980	33°36'27"/86°44'35"	Q	12
Barton Branch near Tarrant City	Jefferson	02456998	33°36'38"/86°33'33"	Q	12
Fivemile Creek at Ketona	Jefferson	02457000	33°36'05"/86°45'20"	Q	12
Fivemile Creek near Republic	Jefferson	02457595	33°35'49"/86°52'05"	Q, QWC	12
Fivemile Creek below Prudes Creek near Graysville	Jefferson	02457670	33°38'32"/86°57'15"	Q, QWC	12
Village Creek at 86th Street North at Roebuck	Jefferson	02458148	33°34'37"/86°43'08"	Q	12
Village Creek at Apalachee Street in Birmingham	Jefferson	02458200	33°32'45"/86°47'09"	Q	12
Village Creek at 24th Street at Birmingham	Jefferson	02458300	33°32'33"/86°49'03"	Q	12
Village Creek at Ave. W at Ensley	Jefferson	02458450	33°31'03"/86°52'45"	Q, QWC	12
Village Creek near Pratt City	Jefferson	02458502	33°31'59"/86°53'59"	Q	12
Village Creek near Docena	Jefferson	02458600	33°32'53"/86°55'33"	Q, QWC	12
Valley Creek at Center Street at Birmingham	Jefferson	02461130	33°30'20"/86°50'12"	Q	13
Valley Creek near Bessemer	Jefferson	02461500	33°25'09"/86°58'58"	Q	13
Halls Creek at Bessemer	Jefferson	02461630	33°23'58"/86°59'01"	Q	13
Valley Creek below Bessemer	Jefferson	02461640	33°24'00"/86°59'32"	Q	13
Valley Creek near Oak Grove	Jefferson	02462000	33°26'50"/87°07'20"	Q	13
Black Warrior River at Bankhead L&D near Bessemer	Jefferson	02462500	33°27'30"/87°21'15"	Q	13
Black Warrior River bl Bankhead L&D near Bessemer	Jefferson	02462501	33°27'25"/87°21'18"	G, QW, S	13
Black Warrior River at Holt L&D near Holt	Tuscaloosa	02462951	33°15'11"/87°26'57"	Q	13
Black Warrior River below Holt L&D near Holt	Tuscaloosa	02462952	33°15'10"/87°27'05"	G	13

TABLE 2.--SITES IN ALABAMA BY BASIN AND FIGURE NUMBER--Continued

(Type: Q, continuous streamflow; G, gage height or elevation; FH, flood hydrograph; S, sediment; QW, water quality sample site; QWC, continuous water quality data; L, lake; C, crest stage)

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
North River near Samantha	Tuscaloosa	02464000	33°28'45"/87°35'50"	Q	13
Turkey Creek near Tuscaloosa	Tuscaloosa	02464146	33°24'48"/87°30'38"	Q	13
Binion Creek below Gin Creek near Samantha	Tuscaloosa	02464360	33°25'29"/87°38'33"	Q	13
Lake Tuscaloosa near Tuscaloosa	Tuscaloosa	02464800	33°16'02"/87°30'22"	G	13
Black Warrior River at Oliver L&D near Northport	Tuscaloosa	02465000	33°12'33"/87°35'24"	Q, S	13
Black Warrior River below Oliver L&D at Tuscaloosa	Tuscaloosa	02465005	33°12'28"/87°35'36"	G	13
Elliotts Creek at Moundville	Hale	02465493	32°59'50"/87°37'20"	Q	13
Black Warrior River at Selden L&D near Eutaw	Hale	02466030	32°46'40"/87°50'26"	Q	13
Black Warrior River below Selden L&D near Eutaw	Hale	02466031	32°46'38"/87°50'29"	G	13
Tombigbee River at Demopolis L&D near Coatopa	Marengo	02467000	32°31'15"/87°52'39"	Q	14
Tombigbee River below Demopolis L&D near Coatopa	Marengo	02467001	32°31'15"/87°52'48"	G	14
Sucarnoochee River at Livingston	Sumter	02467500	32°34'25"/88°11'36"	Q	14
Tombigbee River near Nanafalia	Choctaw-Marengo	02469525	32°07'48"/88°02'28"	G	14
Tombigbee River at Coffeetown L&D near Coffeetown	Choctaw	02469761	31°45'30"/88°07'45"	Q	14
Tombigbee River bel Coffeetown L&D near Coffeetown	Choctaw	02469762	31°45'30"/88°07'35"	G, QW, S	14
Harris Creek near Campbell	Clarke	02469795	31°53'53"/88°00'44"	C	14
Satlipa Creek near Coffeetown	Clarke	02469800	31°44'39"/88°01'21"	Q	14
Bassett Creek at U.S. Highway 43 near Thomasville	Clarke	02470072	31°51'50"/87°44'50"	Q	14
Mobile River at Bucks	Mobile	02470630	31°00'10"/88°01'40"	C	15
Chickasaw Creek near Kushla	Mobile	02471001	30°48'10"/88°08'36"	Q	15
Threemile Creek at Ziegler Blvd at Spring Hill	Mobile	02471013	30°42'22"/88°09'04"	Q, G, QW, QWC	15
Threemile Creek at Stanton Road at Mobile	Mobile	0247101490	30°41'48"/88°05'17"	G, QW, QWC	15
Threemile Creek at US Highway 43 near Prichard	Mobile	02471016	30°43'27"/88°03'32"	G, QW, QWC	15
Fowl River at Half Mile Road near Laurendine	Mobile	02471078	30°30'02"/88°10'53"	Q	15
PASCAGOULA RIVER BASIN					
Escatawpa River near Agricola, MS	George Co., MS	02479560	30°48'12"/88°27'31"	Q	16
Big Creek at County Road 63 near Wilmer	Mobile	02479945	30°41'21"/88°20'22"	Q, QW	16
Crooked Creek near Fairview	Mobile	02479980	30°46'48"/88°19'08"	Q, QW	16
Hamilton Creek at Snow Road near Semmes	Mobile	02480002	30°43'33"/88°16'35"	Q, QW	16
TENNESSEE RIVER BASIN					
Scarham Creek near McVie	Marshall	03573182	34°17'54"/86°07'00"	Q, QW, S	17
Guntersville Lake near Guntersville	Marshall	03574000	34°25'17"/86°23'34"	L	17
Paint Rock River near Woodville	Jackson	03574500	34°37'27"/86°18'23"	Q	18
Hester Creek near Plevna	Madison	0357479650	34°57'39"/86°27'49"	Q, QW, S	18
Flint River at Brownsboro	Madison	03575100	34°44'57"/86°26'48"	Q, QW, S	18
Big Cove Creek at Dug Hill Road near Huntsville	Madison	0357526200	34°42'17"/86°30'44"	FH	18
Tennessee River at Whitesburg	Madison	03575500	34°34'18"/86°33'29"	Q, G	18
Aldridge Creek at Toney Drive at Huntsville	Madison	0357568650	34°41'53"/86°33'02"	FH	18
Martin Hollow near Huntsville	Madison	0357568820	34°41'07"/86°32'43"	C	18
Aldridge Creek at Sherwood Drive near Huntsville	Madison	0357568980	34°39'51"/86°33'15"	FH	18
Aldridge Creek near Farley	Madison	03575700	34°37'26"/86°32'28"	FH	18
Indian Creek near Madison	Madison	03575830	34°41'50"/86°42'00"	Q	18
Fagan Creek at Adams Street at Huntsville	Madison	0357586650	34°43'21"/86°34'30"	FH	18
W Fork Pinhook Creek at Blue Springs at Huntsville	Madison	0357587090	34°47'18"/86°35'55"	FH	18
E Fork Pinhook Creek, Winchester Road at Huntsville	Madison	0357587140	34°47'34"/86°35'21"	FH	18
Pinhook Creek at Mastin Lake Road at Huntsville	Madison	0357587400	34°46'17"/86°35'32"	FH	18
Dallas Branch at Huntsville	Madison	0357587728	34°44'44"/86°34'27"	FH	18
Pinhook Creek at Huntsville	Madison	03575890	34°43'39"/86°35'36"	FH	18
Brogan Branch at Oakwood Ave at Huntsville	Madison	0357591500	34°44'58"/86°37'31"	FH	18

TABLE 2.--SITES IN ALABAMA BY BASIN AND FIGURE NUMBER--Continued

(Type: Q, continuous streamflow; G, gage height or elevation; FH, flood hydrograph; S, sediment; QW, water quality sample site; QWC, continuous water quality data; L, lake; C, crest stage)

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
Brogan Branch at Huntsville	Madison	03575933	34°43'24"/86°36'06"	FH	18
Huntsville Spring Branch near Huntsville	Madison	03575950	34°41'24"/86°35'47"	FH	18
McDonald Creek near Huntsville	Madison	03575980	34°41'33"/86°37'39"	FH	18
Limestone Creek near Athens	Limestone	03576250	34°45'06"/86°49'24"	Q	18
Tennessee River at Decatur	Morgan	03577150	34°26'47"/86°58'26"	G	18
Wheeler Lake near Decatur	Lawrence	03586000	34°47'52"/87°22'51"	L	19
Big Nance Creek at Courtland	Lawrence	03586500	34°40'12"/87°19'02"	Q	19
Wilson Lake near Florence	Colbert	03589000	34°47'46"/87°37'27"	L	19
Tennessee River at Florence	Lauderdale	03589500	34°47'13"/87°40'12"	Q, G	19
Tennessee River at Smithsonia	Lauderdale	03590680	34°47'20"/87°53'10"	G	19

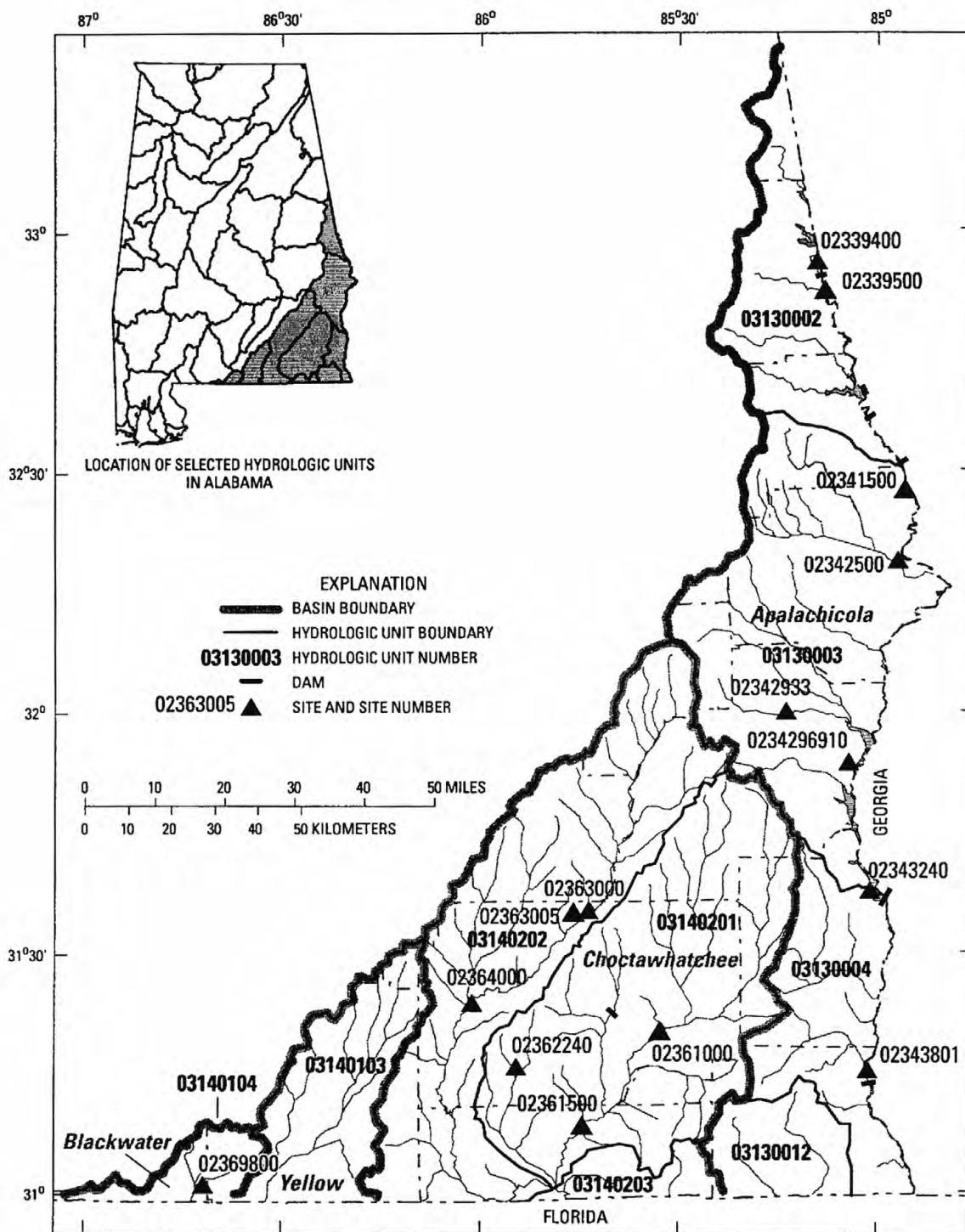


Figure 4. Location of surface-water stations in Apalachicola, Choctawhatchee, Yellow, and Blackwater River basins.

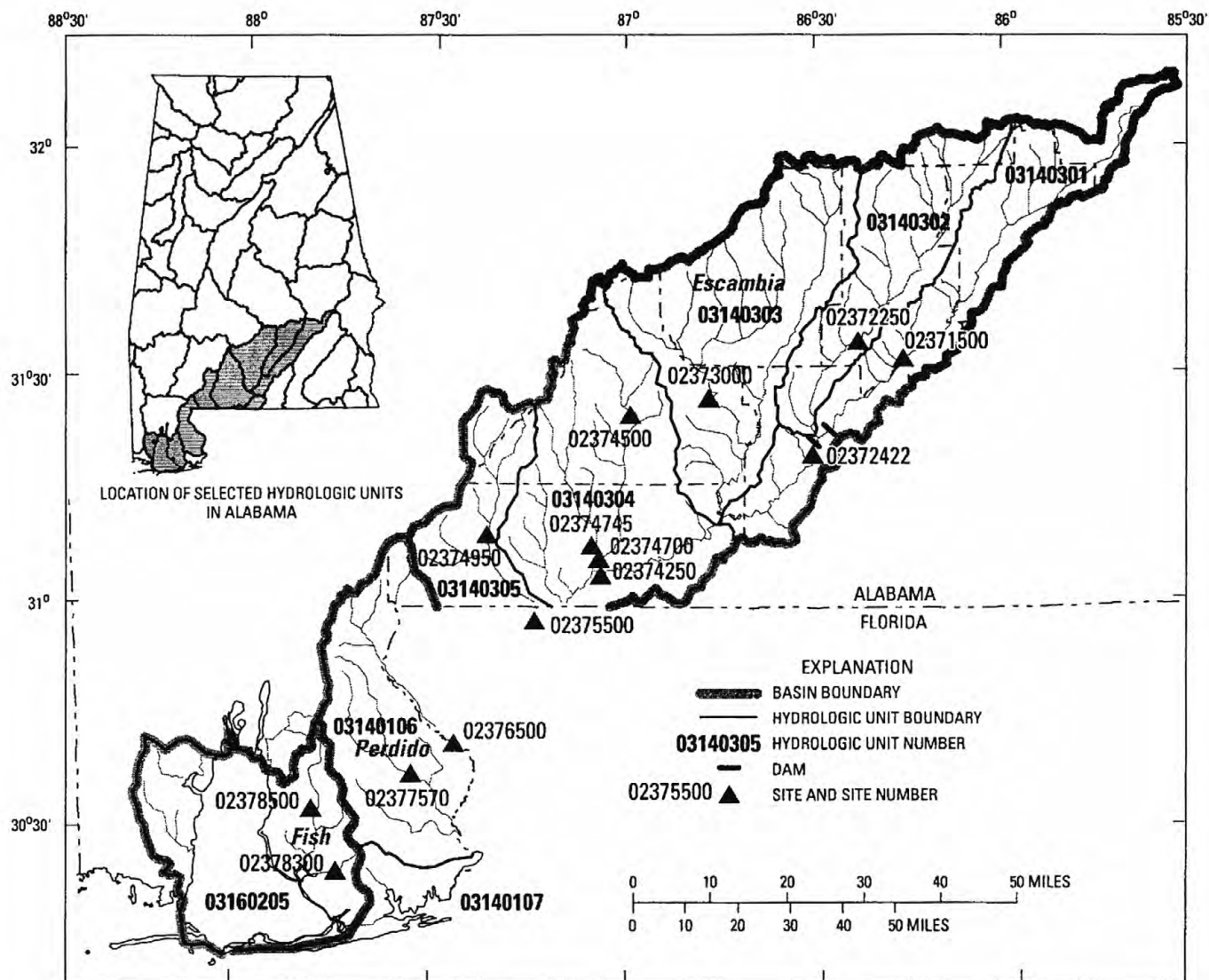
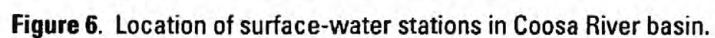
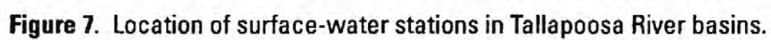


Figure 5. Location of surface-water stations in Escambia, Perdido, and Fish River basins.





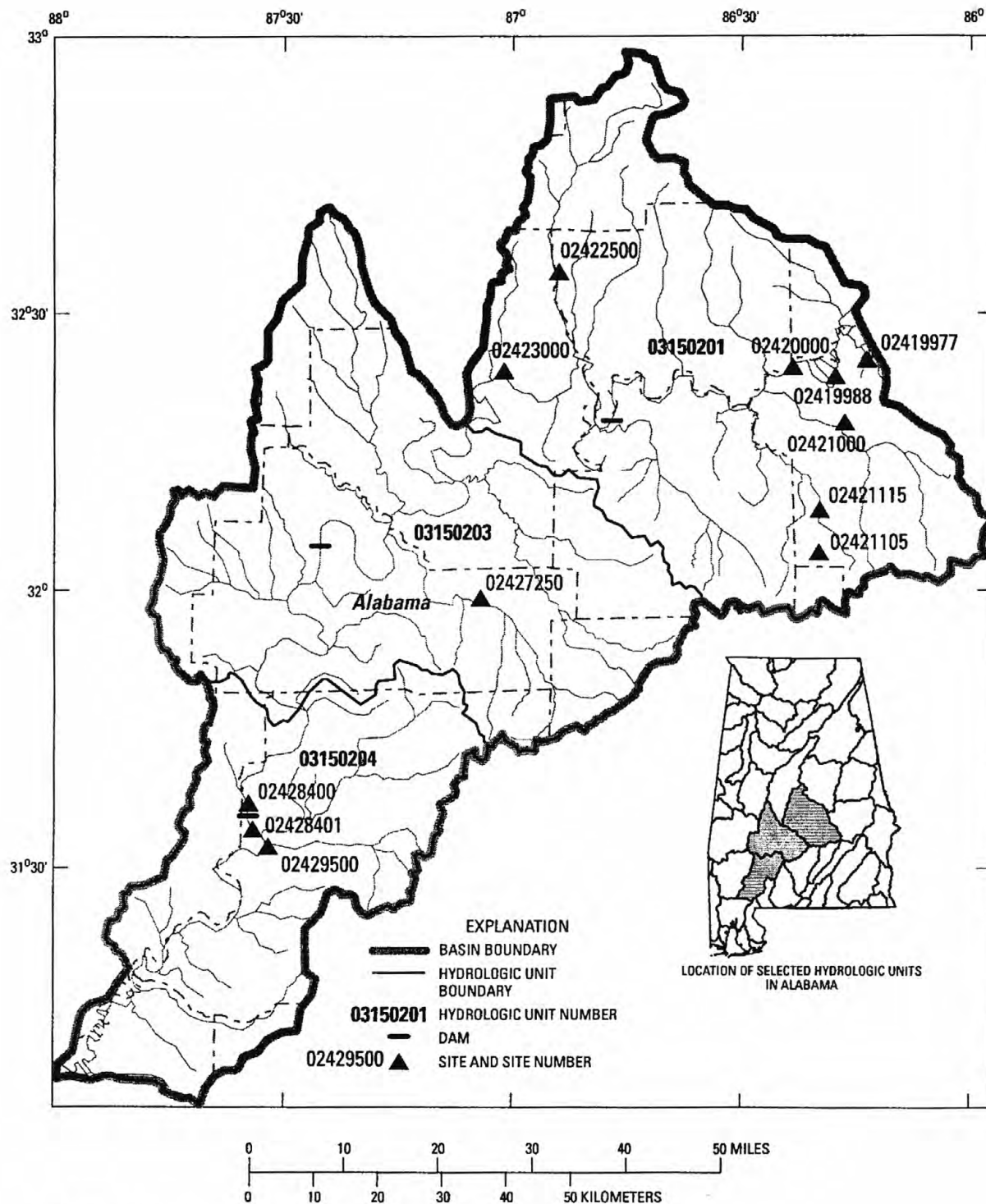
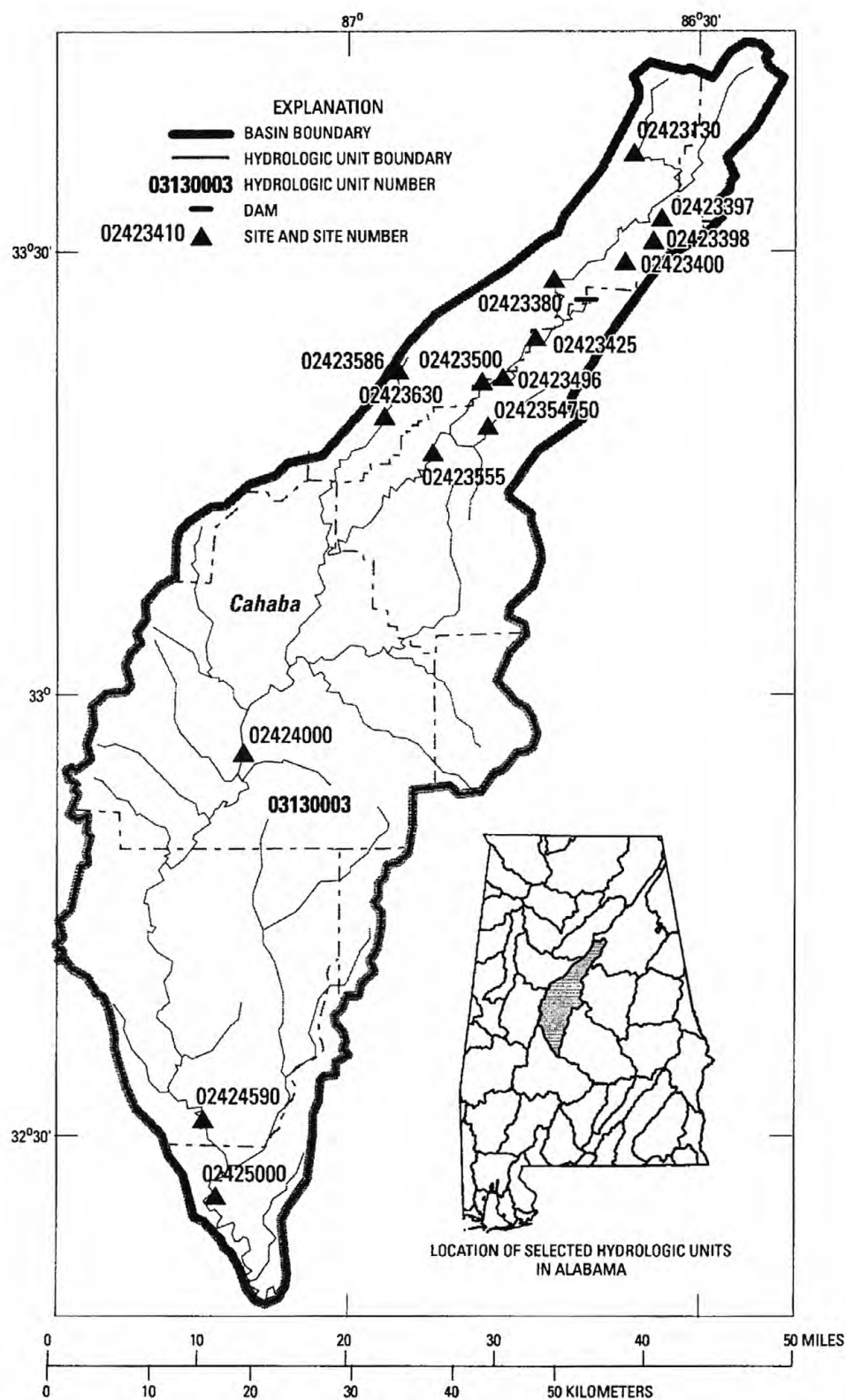


Figure 8. Location of surface-water stations in Alabama River basin.



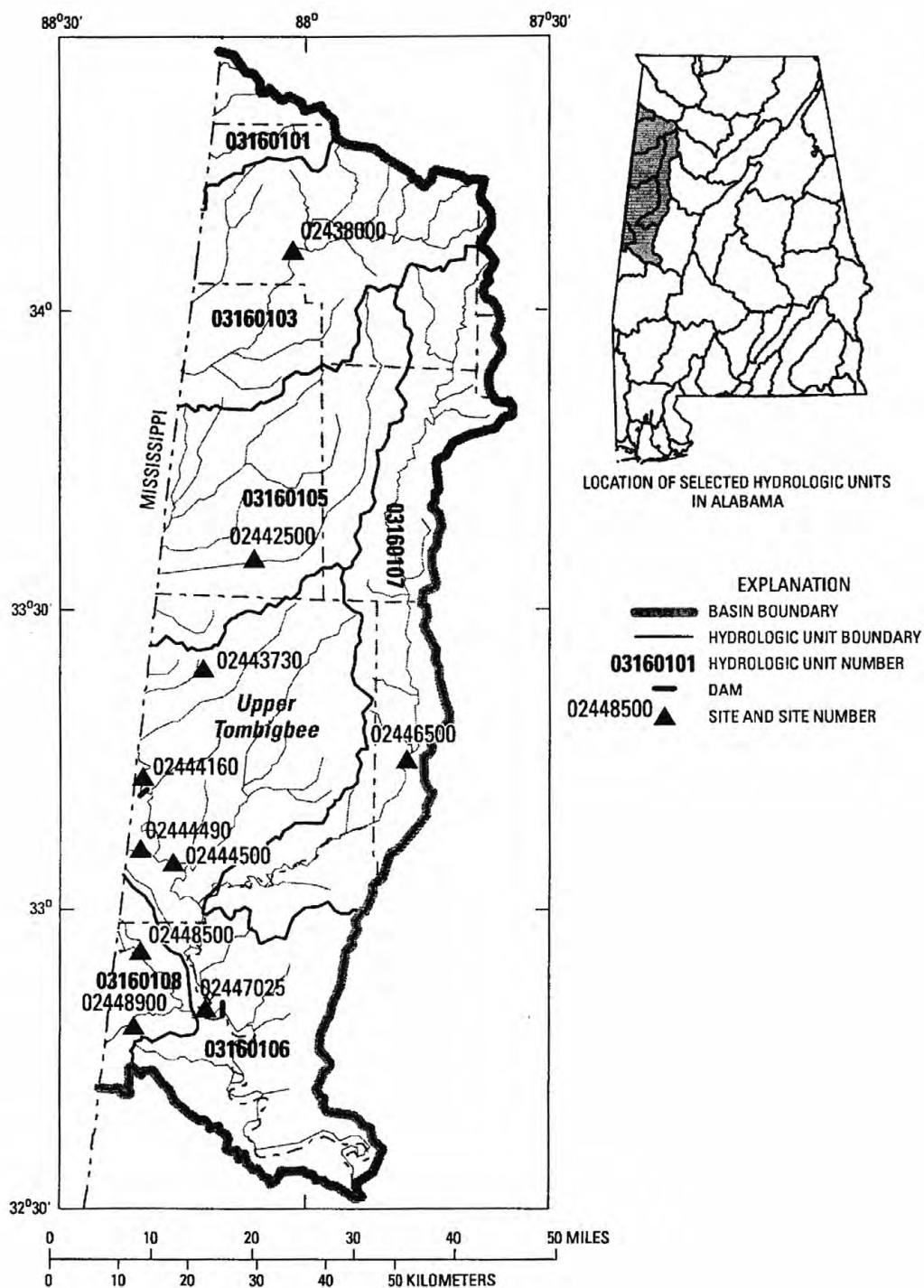


Figure 10. Location of surface-water stations in Upper Tombigbee River basin.

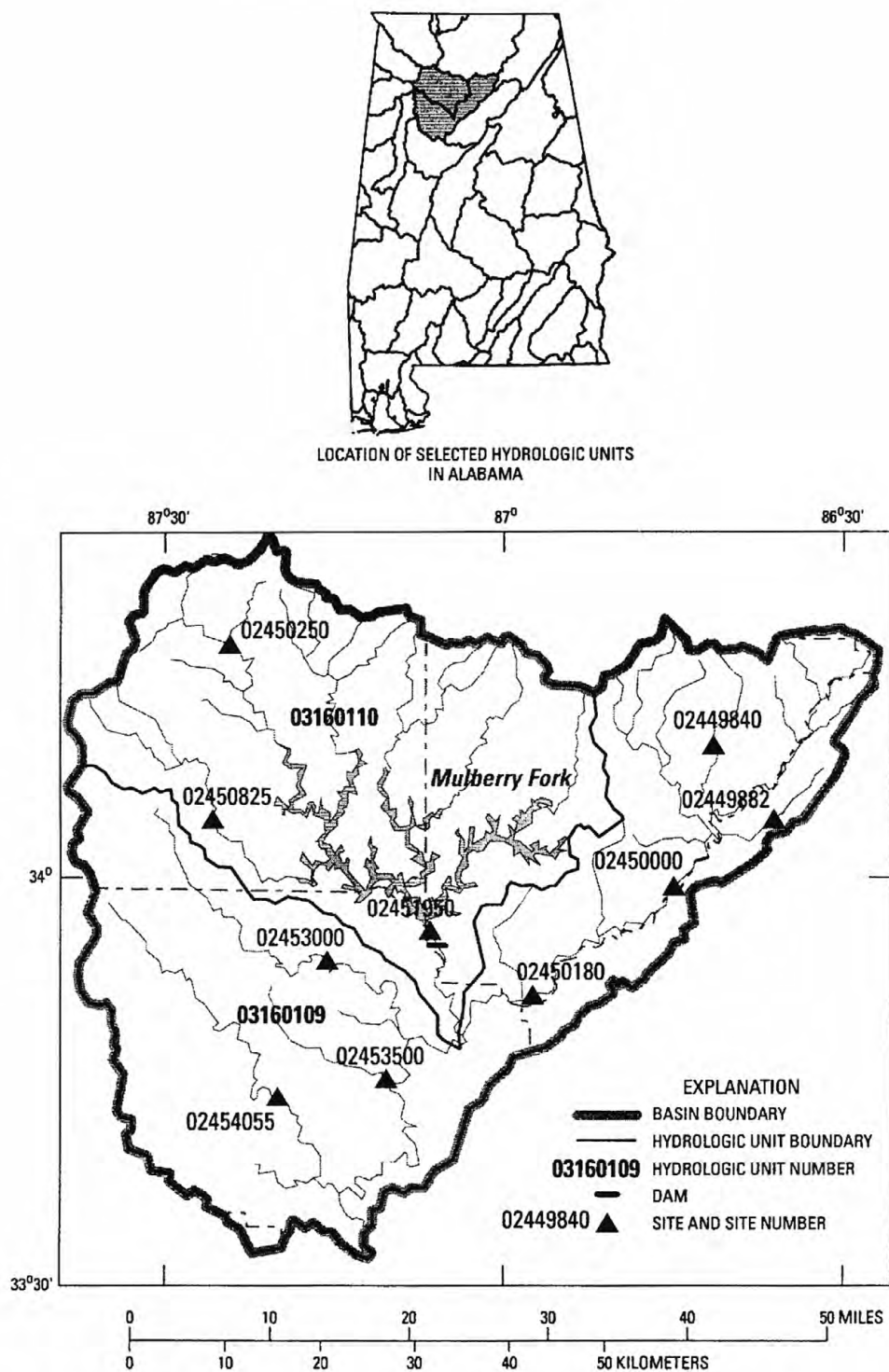


Figure 11. Location of surface-water stations in Mulberry Fork River basin.

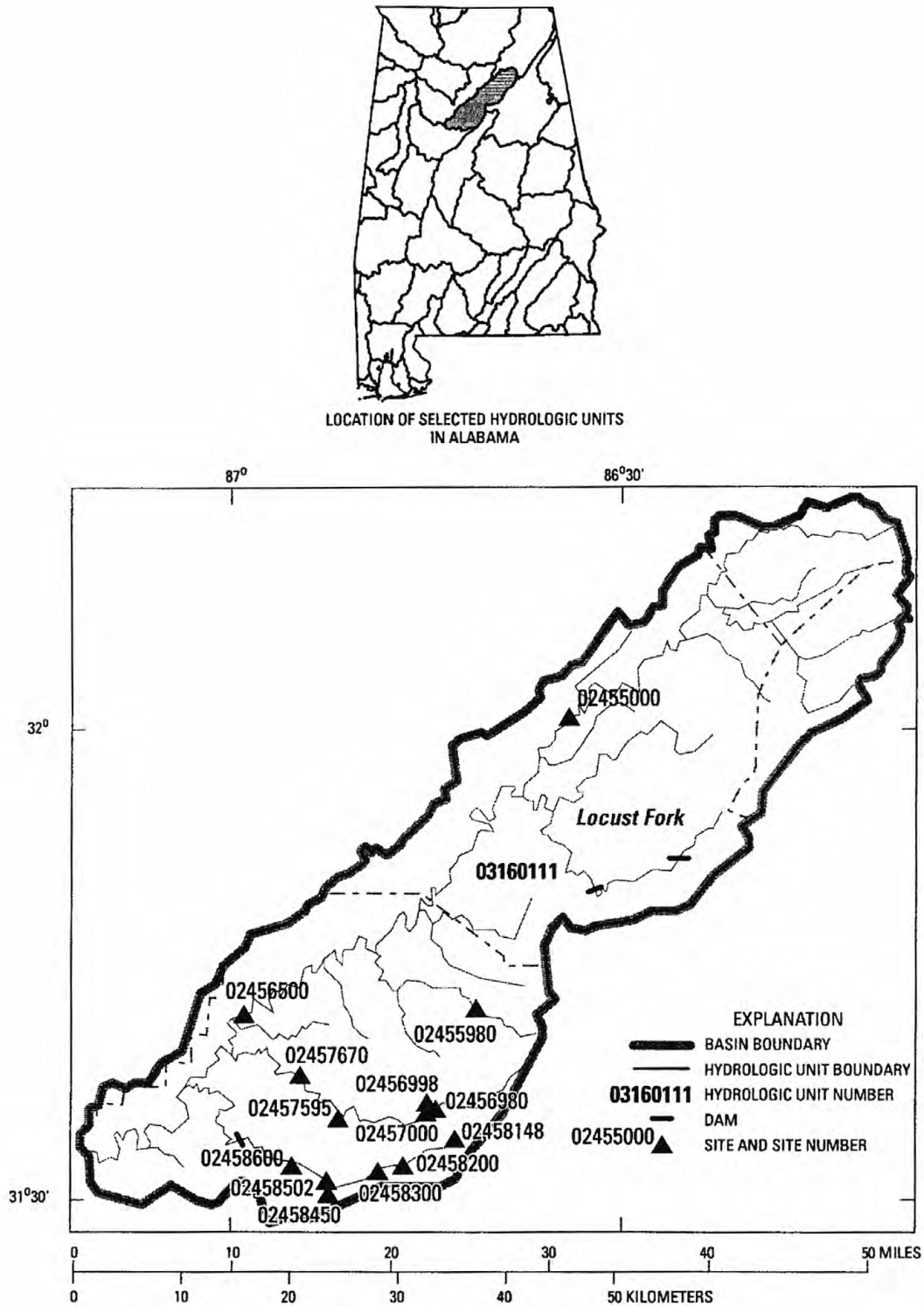


Figure 12. Location of surface-water stations in Locust Fork River basin.

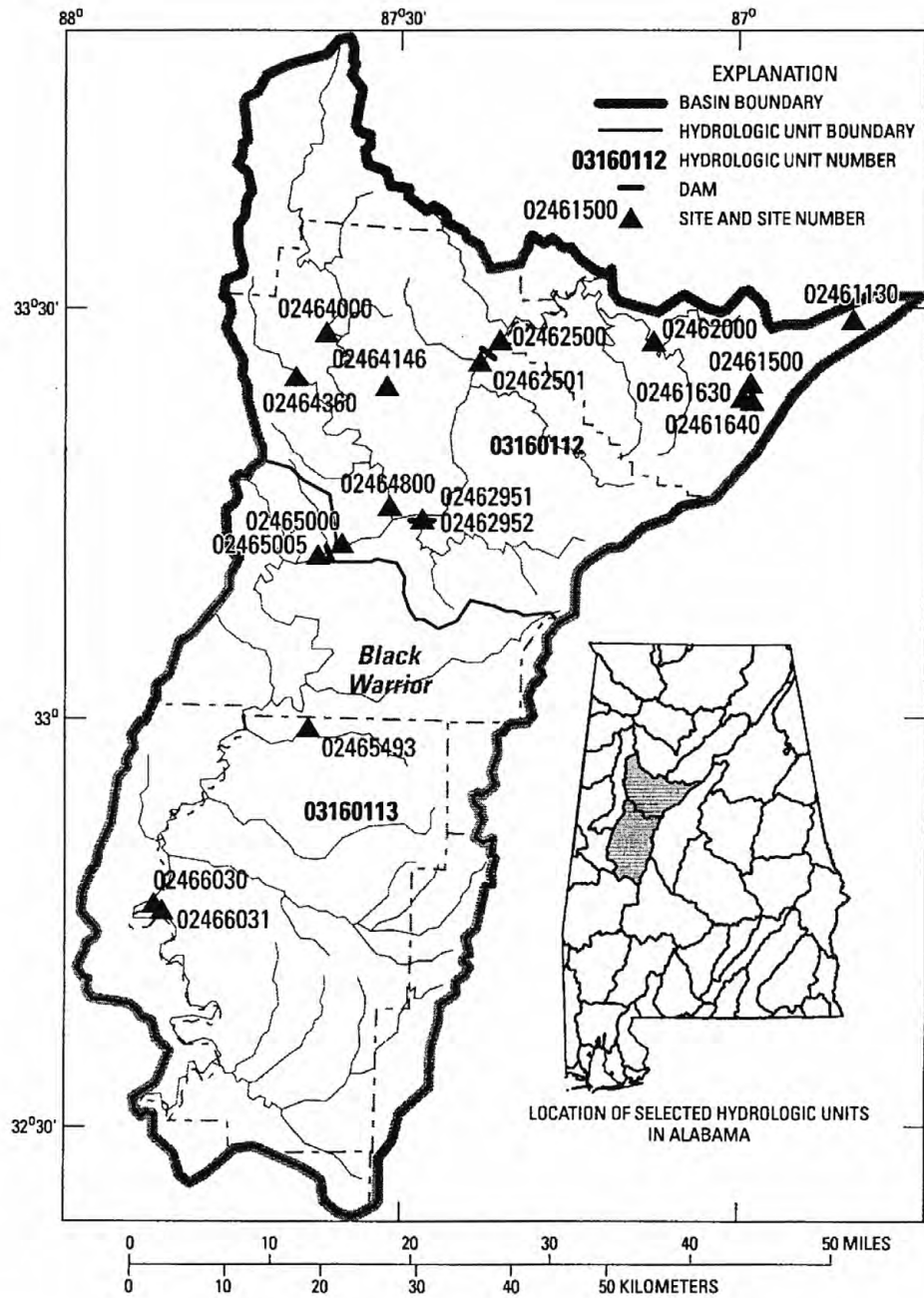


Figure 13. Location of surface-water stations in Black Warrior River basin.

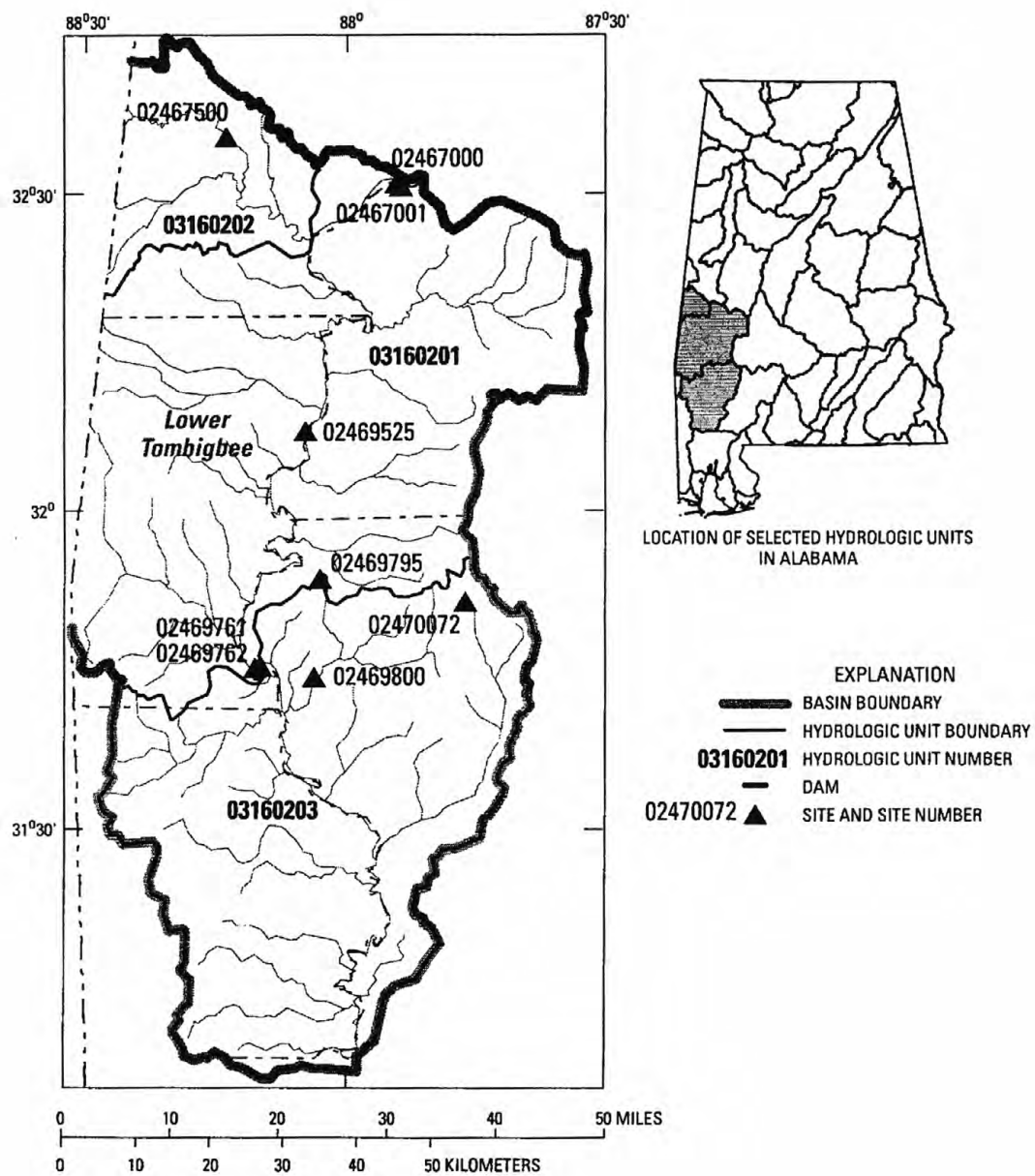


Figure 14. Location of surface-water stations in Lower Tombigbee River basins.

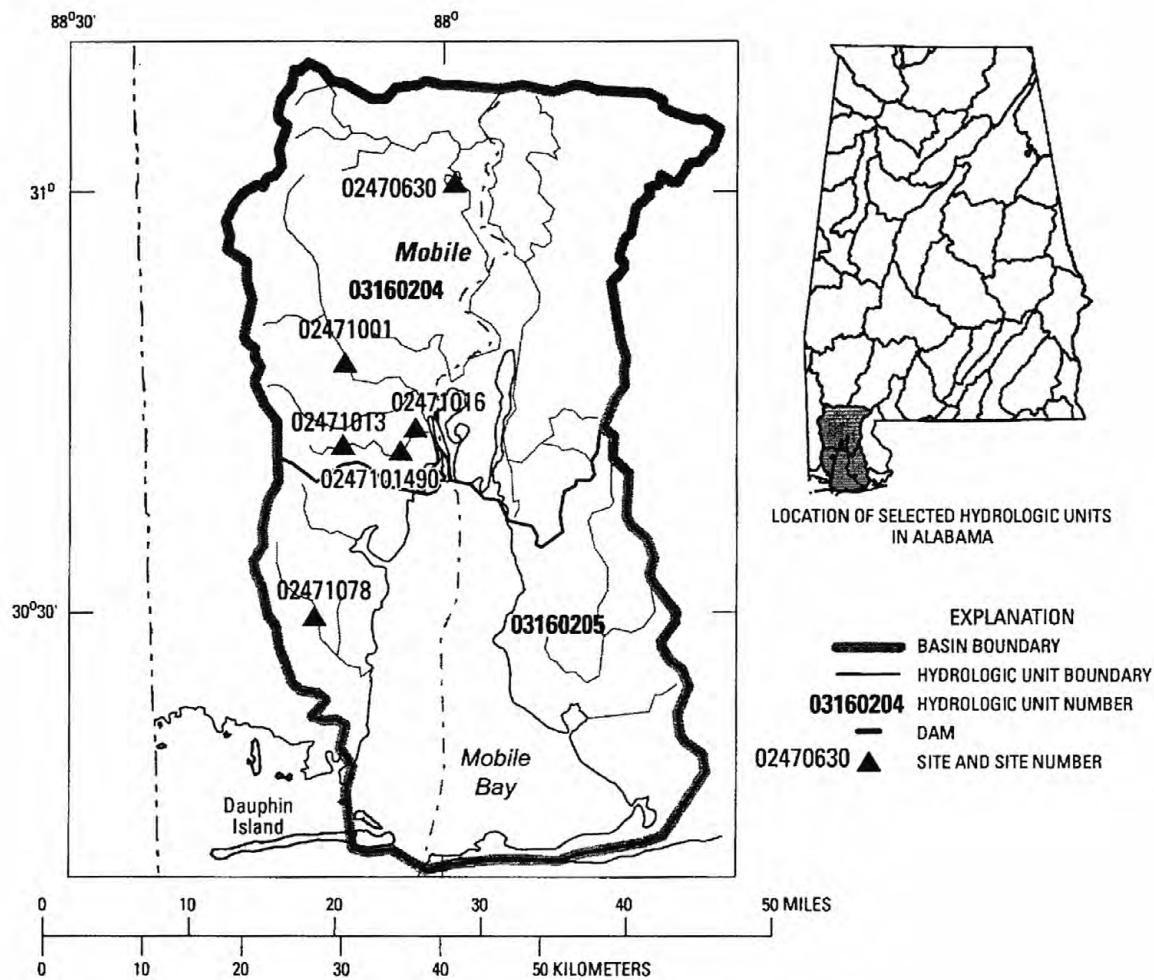


Figure 15. Location of surface-water stations in Mobile River basin.

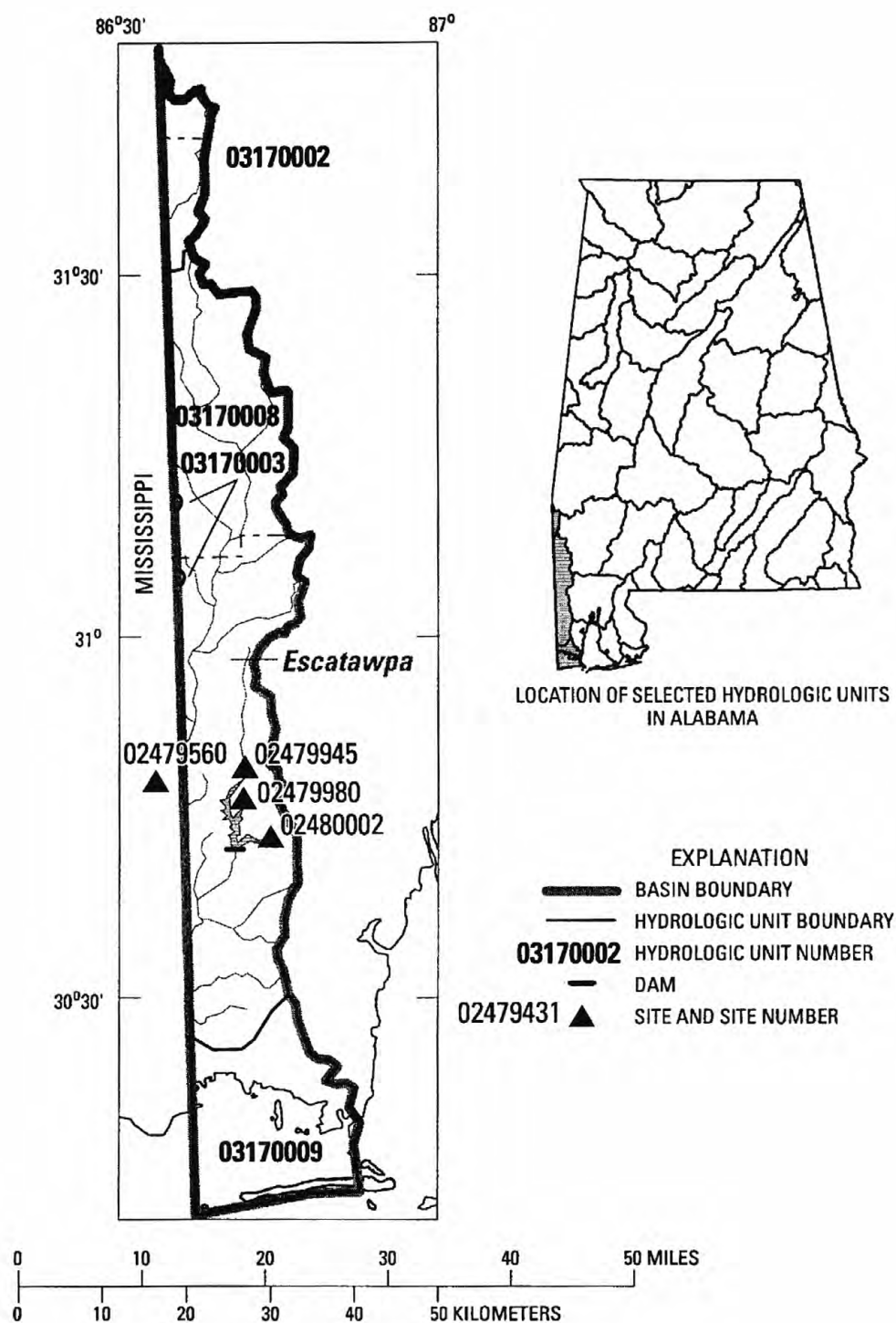


Figure 16. Location of surface-water stations in Escatawpa River basins.

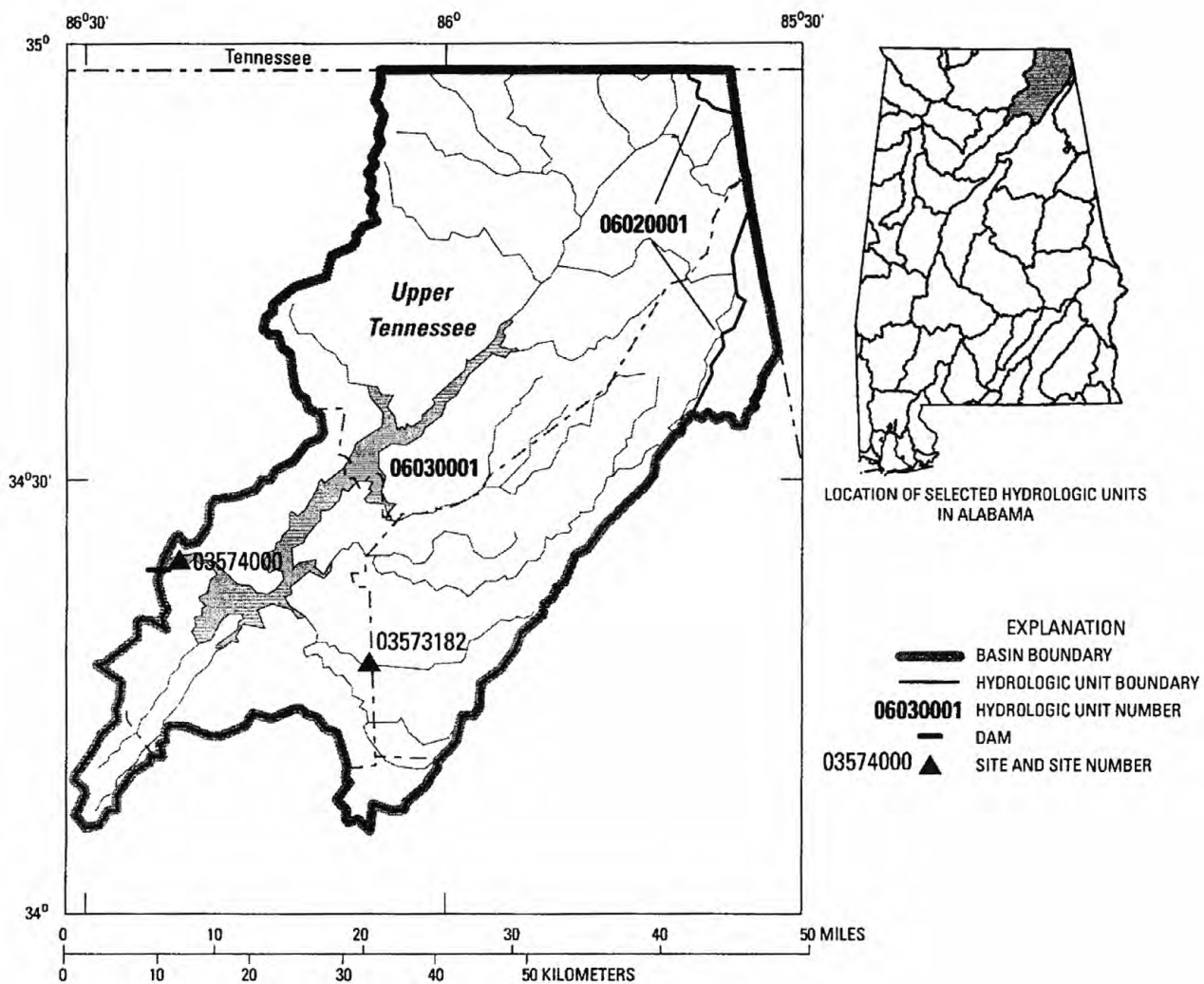


Figure 17. Location of surface-water stations in Upper Tennessee River basin.

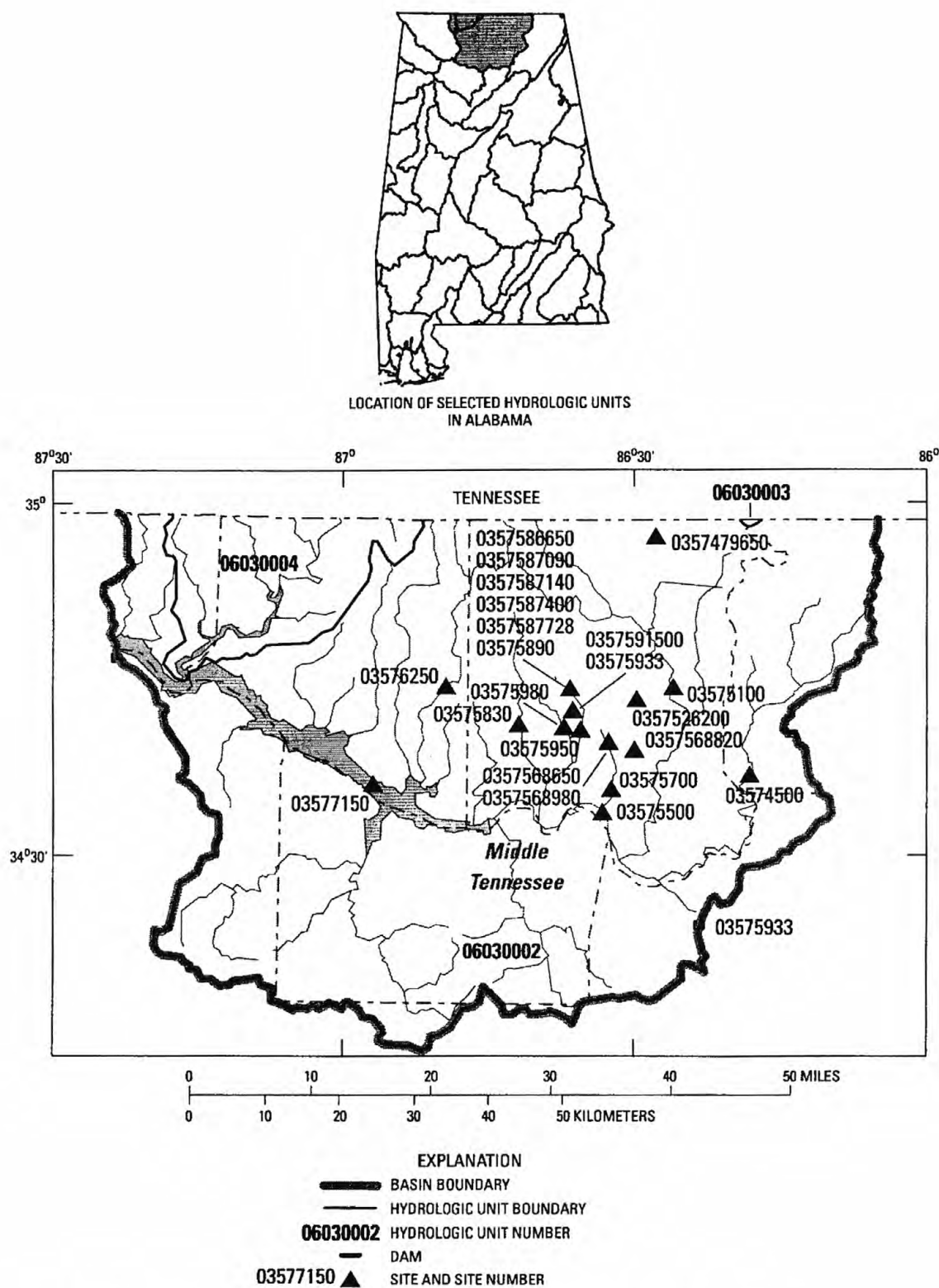


Figure 18. Location of surface-water stations in Middle Tennessee River basin.

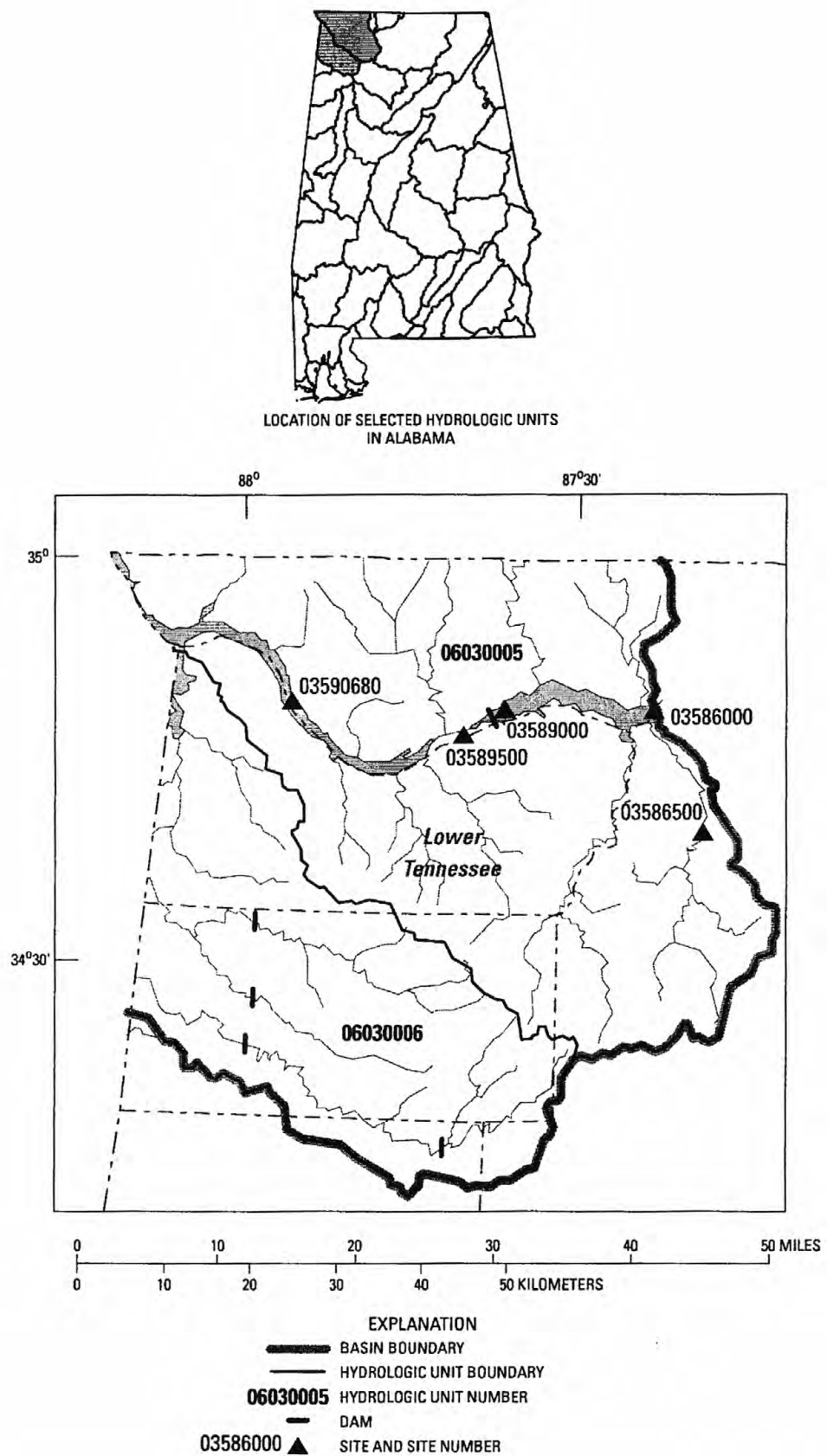


Figure 19. Location of surface-water stations in Lower Tennessee River basin.

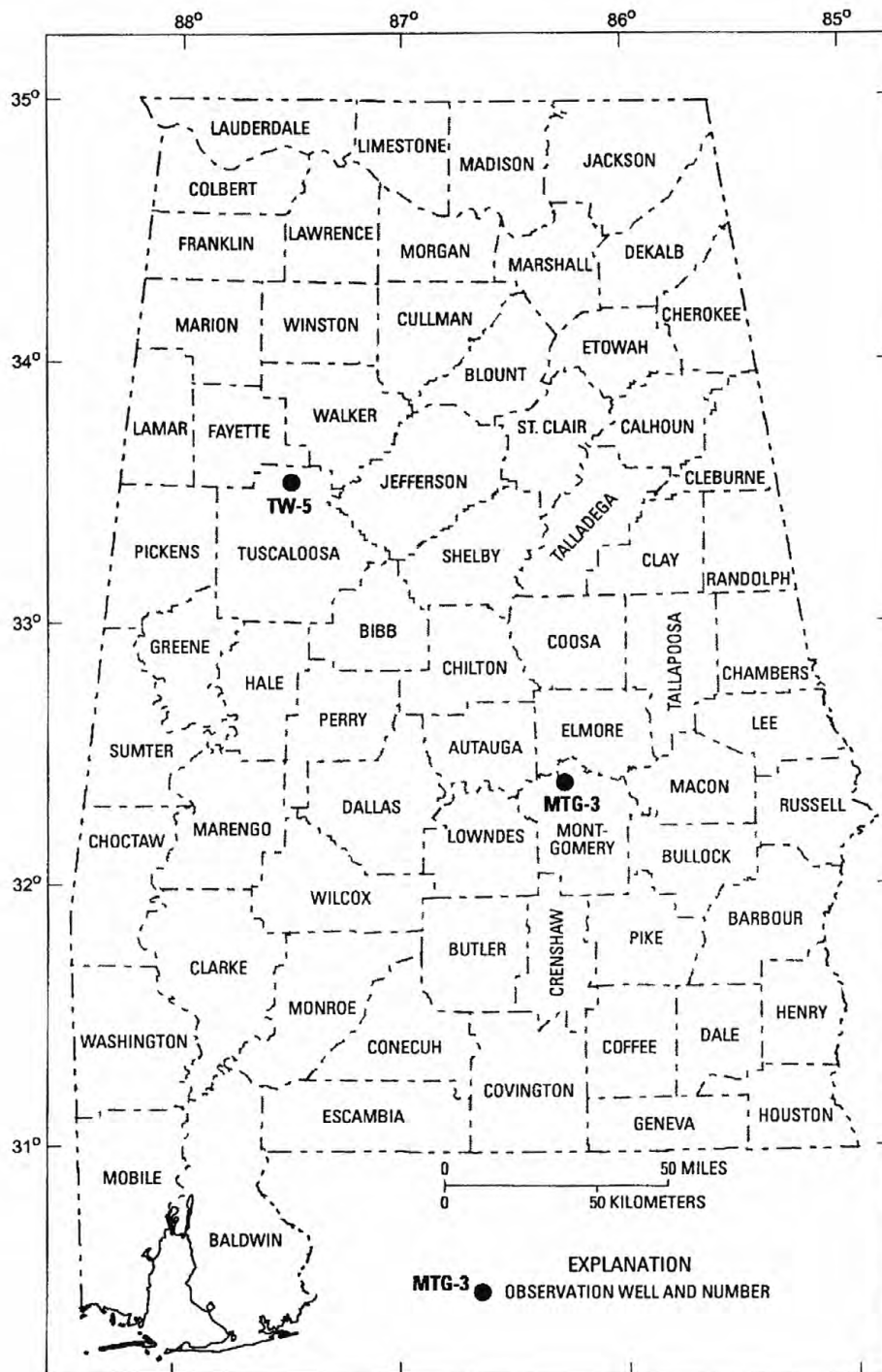


Figure 20. Location of observation wells.

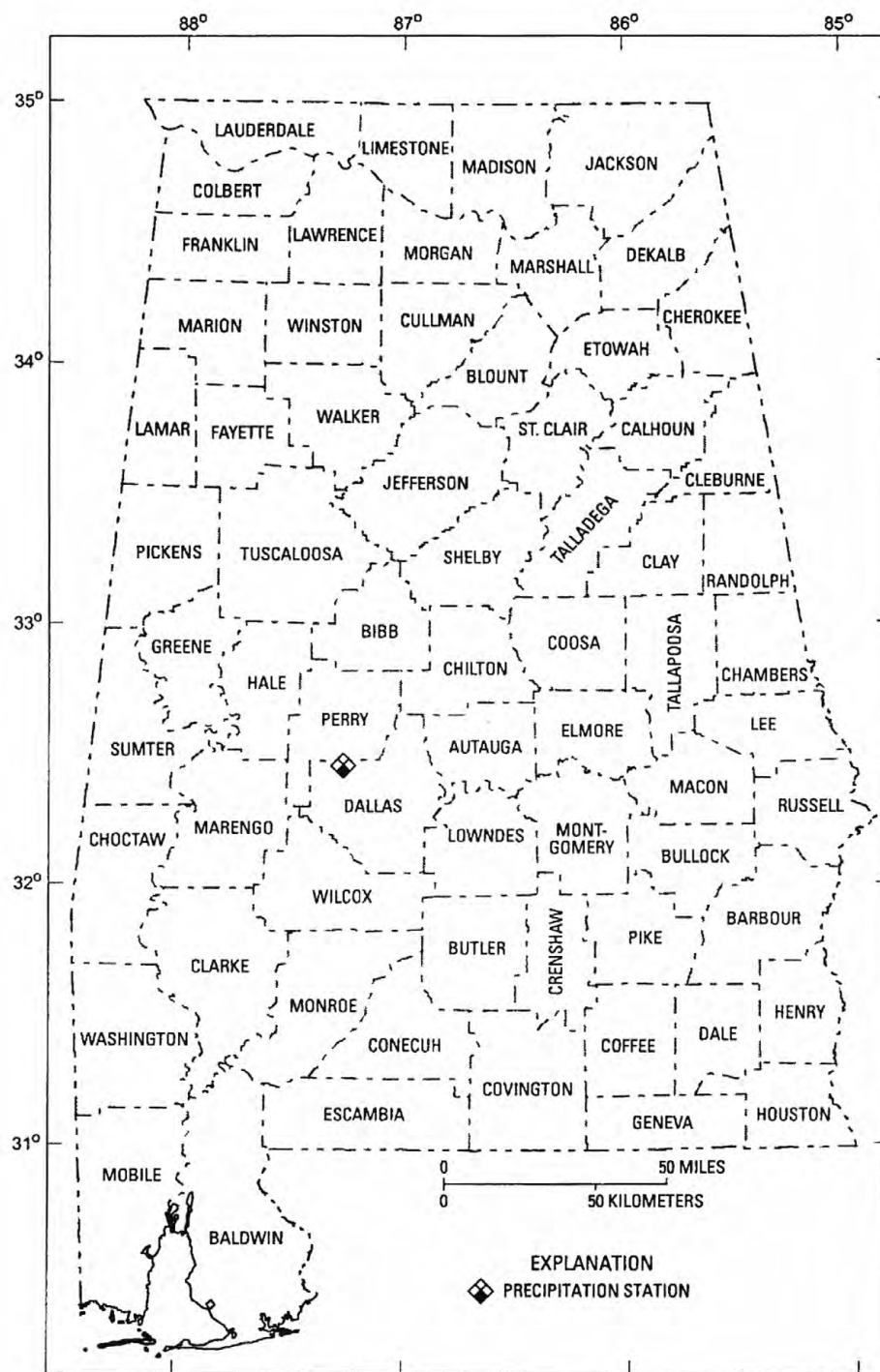


Figure 21. Location of water-quality precipitation station.

HYDROLOGIC-DATA STATION RECORDS

SURFACE-WATER AND GROUND-WATER RECORDS

Remark Codes

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

<u>PRINTED OUTPUT</u>	<u>REMARK</u>
A	Value is an average.
E	Estimated value.
>	Actual value is known to be greater than the value shown.
<	Actual value is known to be less than the value shown.
M	Presence of material verified but not quantified.
N	Presumptive evidence of presence of material.
S	Most probable value.
U	Material specifically analyzed for, but not detected.
V	Analyte was detected in both the environmental sample and the associated blanks.
&	Biological organism estimated as dominant.
c	Laboratory holding time exceeded.

Dissolved Trace-Element Concentrations

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

Change in National Trends Network Procedures

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

APALACHICOLA RIVER BASIN

02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA

LOCATION.--Lat 32°53'10", long 85°10'56", Troup County, Ga., Hydrologic Unit 03130002, on right bank just downstream from Oseligee Creek at West Point, 1 mi upstream from bridge on U.S. Highway 29, 2.5 mi downstream from West Point Dam and at mile 198.9.

DRAINAGE AREA.--3,550 mi², approximately.

PERIOD OF RECORD.--August 1896 to current year. Gage-height records collected at site 0.8 mi downstream since 1899 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 682: 1920, drainage area. WSP 972: 1931-32. WSP 1504: 1912, 1916-17.

GAGE.--Water-stage recorder. Datum of gage is 551.67 ft above sea level. Prior to Oct. 20, 1912, nonrecording gage at site 0.8 mi downstream at datum 2.83 ft lower. Oct. 20, 1912, to Jan. 25, 1925, nonrecording gage at site 500 ft upstream at present datum.

REMARKS.--Records good. Flow regulated by Lake Sidney Lanier since January 1956 and by West Point Lake since October 1974.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1827, that of Dec. 10, 1919. Flood in 1886 reached a stage of 25.6 ft at former site and datum, from floodmarks, by National Weather Service, discharge, 92,800 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	796	3190	4720	3670	5220	6030	2540	3080	5880	1340	4980	795
2	2410	3230	1240	4800	5210	5010	5010	3150	10300	4910	4620	792
3	2750	3570	1100	4550	4920	5690	6730	3110	12900	4300	4260	2200
4	2740	879	4220	5020	3420	9540	25300	3110	9780	4540	2920	3570
5	3400	880	4050	5100	4130	8130	18500	930	9660	4180	2910	2530
6	2780	3230	4200	1140	3840	9220	9890	929	7400	6600	3620	2790
7	818	3170	3690	997	3080	8990	7140	2770	6980	4490	3940	2510
8	811	3590	2020	4630	3120	9040	6700	2730	6960	6430	4280	791
9	3170	3720	967	4810	1650	7080	6240	2740	5370	3730	4950	1320
10	3510	1680	973	4890	987	2440	5380	3030	7370	3360	4600	3440
11	2830	1060	3320	4710	1000	980	4750	2750	6820	3030	2570	2380
12	2860	913	3710	4170	2140	4130	5010	1090	6830	3030	2900	2660
13	2790	2550	3440	1150	3150	11500	4000	1180	6900	4380	3540	2440
14	847	1940	3130	988	2780	18800	909	2850	6060	906	3580	2110
15	817	2240	3200	3720	2790	22700	909	2760	6050	1280	3560	742
16	2530	2240	1260	3730	2700	27700	4080	2730	2540	3000	3560	731
17	2180	2300	1310	3760	1280	22600	4500	2720	2100	2970	3480	2470
18	2120	975	3530	3620	1270	9560	3530	3050	4580	3650	2170	2080
19	2810	1120	4720	3610	4120	9020	4800	1290	4580	2600	2180	2080
20	2500	2510	6100	3890	2420	16200	4790	1950	4600	3260	2840	2090
21	827	4150	5670	3090	3090	22400	915	2920	3880	921	3900	2120
22	831	4470	4140	5380	3090	19100	906	4120	2480	920	3520	1450
23	2150	4210	2590	5950	4030	12400	3730	3090	1050	2660	4540	764
24	2170	4650	2420	6650	4670	8890	3860	3030	1040	2680	4590	2090
25	2190	1150	4280	6670	4440	7670	2970	3360	4120	3700	1790	1950
26	2590	1020	6030	6340	3880	6800	3460	1650	3780	5080	755	3190
27	2260	4510	4100	5080	4020	7130	3120	1610	4140	4690	3880	2180
28	854	5090	4320	3650	5610	6750	959	2260	4800	2290	3870	2180
29	855	5210	3260	5500	---	5260	950	4810	4570	2950	3860	800
30	2240	4640	1190	4870	---	4670	3110	5820	1160	3950	2850	798
31	2930	---	1790	5310	---	2620	---	9300	---	3980	3210	---
TOTAL	65366	84087	100690	131445	92057	318050	154688	89919	164680	105807	108225	58043
MEAN	2109	2803	3248	4240	3288	10260	5156	2901	5489	3413	3491	1935
MAX	3510	5210	6100	6670	5610	27700	25300	9300	12900	6600	4980	3570
MIN	796	879	967	988	987	980	906	929	1040	906	755	731
CFSM	.59	.79	.91	1.19	.93	2.89	1.45	.82	1.55	.96	.98	.55
IN.	.68	.88	1.06	1.38	.96	3.33	1.62	.94	1.73	1.11	1.13	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2001, BY WATER YEAR (WY)

MEAN	3624	4312	5280	6459	7904	8500	7511	5439	4545	4286	4308	3792
MAX	8536	10950	14880	14930	18980	19540	19940	13000	10250	10560	8890	7782
(WY)	1990	1993	1993	1972	1990	1990	1964	1964	1973	1994	1984	1994
MIN	948	1601	1592	1574	2766	1921	1961	1423	1807	1672	1068	1606
(WY)	1956	1956	1956	1956	1989	1988	1988	1999	1978	1988	1956	1986

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1956 - 2001

ANNUAL TOTAL	1068133	1473057	
ANNUAL MEAN	2918	4036	5484
HIGHEST ANNUAL MEAN			8501
LOWEST ANNUAL MEAN			2644
HIGHEST DAILY MEAN	17300	27700	80000
LOWEST DAILY MEAN	793	731	516
ANNUAL SEVEN-DAY MINIMUM	1490	1760	659
MAXIMUM PEAK FLOW		30400	94400
MAXIMUM PEAK STAGE		13.11	24.90
ANNUAL RUNOFF (CFSM)	.82	1.14	1.54
ANNUAL RUNOFF (INCHES)	11.19	15.44	20.99
10 PERCENT EXCEEDS	4730	6810	10200
50 PERCENT EXCEEDS	2630	3360	4350
90 PERCENT EXCEEDS	866	984	1010

APALACHICOLA RIVER BASIN

02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.14	3.33	4.10	3.61	4.33	4.70	3.12	3.39	4.63	2.56	4.17	2.13
2	2.94	3.35	2.49	4.14	4.33	4.23	4.24	3.43	6.39	4.20	4.00	2.12
3	3.11	3.53	2.41	4.03	4.19	4.54	4.99	3.40	7.50	3.90	3.83	2.84
4	3.10	2.22	3.88	4.24	3.49	6.20	11.63	3.41	6.33	3.99	3.21	3.49
5	3.42	2.22	3.79	4.28	3.82	5.63	9.50	2.40	6.28	3.82	3.19	3.00
6	3.13	3.36	3.87	2.41	3.69	6.11	6.37	2.40	5.31	4.93	3.53	3.12
7	2.16	3.33	3.63	2.33	3.33	6.02	5.21	3.25	5.11	3.97	3.67	2.98
8	2.15	3.53	2.83	4.05	3.35	6.04	5.02	3.22	5.10	4.85	3.83	2.12
9	3.34	3.61	2.30	4.15	2.64	5.16	4.73	3.23	4.38	3.64	4.15	2.46
10	3.50	2.68	2.31	4.19	2.32	3.04	4.29	3.35	5.27	3.43	3.98	3.48
11	3.19	2.35	3.45	4.10	2.33	2.32	4.14	3.24	5.05	3.29	3.02	3.00
12	3.20	2.25	3.64	3.86	2.89	3.81	4.25	2.52	5.03	3.28	3.18	3.12
13	3.16	3.07	3.52	2.42	3.38	6.97	3.80	2.59	5.07	3.90	3.48	2.91
14	2.18	2.77	3.37	2.32	3.20	9.57	2.39	3.30	4.70	2.25	3.49	2.76
15	2.16	2.90	3.41	3.63	3.20	10.88	2.39	3.24	4.69	2.45	3.48	2.07
16	3.00	2.91	2.52	3.66	3.16	12.41	3.85	3.22	3.10	3.25	3.48	2.06
17	2.85	2.95	2.56	3.66	2.54	10.81	4.05	3.21	2.88	3.23	3.43	2.93
18	2.81	2.31	3.58	3.58	2.53	6.24	3.62	3.36	4.01	3.55	2.82	2.74
19	3.15	2.42	4.10	3.60	3.83	6.03	4.18	2.57	4.01	3.06	2.82	2.74
20	3.03	3.10	4.73	3.73	3.04	8.65	4.15	2.93	4.02	3.37	3.14	2.75
21	2.17	3.84	4.54	3.36	3.34	10.80	2.39	3.36	3.68	2.26	3.65	2.77
22	2.17	3.98	3.85	4.38	3.35	9.68	2.39	3.85	3.05	2.26	3.45	2.46
23	2.83	3.86	3.12	4.66	3.78	7.31	3.67	3.39	2.37	3.09	3.95	2.09
24	2.85	4.07	3.02	4.97	4.08	5.98	3.74	3.36	2.36	3.10	3.97	2.76
25	2.85	2.42	3.89	4.98	3.96	5.44	3.39	3.50	3.80	3.57	2.63	2.71
26	3.05	2.35	4.71	4.82	3.74	5.03	3.59	2.74	3.64	4.21	2.09	3.34
27	2.90	3.99	3.83	4.22	3.78	5.18	3.42	2.71	3.81	4.04	3.62	2.83
28	2.20	4.27	3.92	3.59	4.49	5.02	2.43	2.99	4.10	2.91	3.62	2.83
29	2.20	4.33	3.46	4.45	---	4.35	2.42	4.15	4.01	3.22	3.62	2.13
30	2.89	4.06	2.48	4.16	---	4.11	3.40	4.60	2.46	3.69	3.13	2.13
31	3.21	---	2.74	4.38	---	3.15	---	6.14	---	3.70	3.31	---
MEAN	2.81	3.18	3.42	3.87	3.43	6.30	4.23	3.30	4.40	3.45	3.45	2.70
MAX	3.50	4.33	4.73	4.98	4.49	12.41	11.63	6.14	7.50	4.93	4.17	3.49
MIN	2.14	2.22	2.30	2.32	2.32	2.32	2.39	2.40	2.36	2.25	2.09	2.06
CAL YR 2000	MEAN 3.20		MAX 9.10		MIN 2.13							
WTR YR 2001	MEAN 3.72		MAX 12.41		MIN 2.06							

APALACHICOLA RIVER BASIN

02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA

LOCATION.--Lat 32°27'45", long 84°59'52", Muscogee County, Ga.-Russell County, Ala., Hydrologic Unit 03130003, on left bank at downstream side of Central of Georgia railway bridge at Columbus, 0.5 mi downstream from Eagle and Phenix Dam, 1.2 mi downstream from City Mills Dam, 2.6 mi downstream from North Highlands Dam, 3.3 mi downstream from Oliver Dam, 17.5 mi downstream from Bartlett's Ferry Dam, and at mile 159.9.

DRAINAGE AREA.--4,670 mi², approximately.

PERIOD OF RECORD.--August 1929 to current year. Records for December 1912, published in WSP 322, have been found to be unreliable and should not be used.

REVISED RECORDS.--WSP 1082: 1943(M). WDR GA-90-1: 1967(M), 1969(M), 1971-72(M). See also period of record.

GAGE.--Water-stage recorder. Datum of gage is 183.14 ft above sea level. Dec. 1-31, 1912, nonrecording gage at site 800 ft upstream at datum 2.0 ft higher, and Aug. 23, 1929, to Sept. 30, 1975, recording gage at present site, at datum 2.0 ft higher. Oct. 1, 1963, to Sept. 30, 1966, water-stage recorder at Walter F. George Reservoir, and since Oct. 1, 1966, water-stage recorder at Alabama State Docks used as auxiliary gage for this station.

REMARKS.--Records fair, except those less than 2,500 ft³/s and those for the periods of estimated daily discharges, which are poor. Flow regulated by Lake Sidney Lanier since January 1956, West Point Lake since October 1974, and by Lake Harding since 1929.

Records of chemical analyses for the period February 1968 to May 1972 are published in reports of the U.S. Geological Survey.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge known since at least 1827, 198,000 ft³/s, Mar. 15, 1929, computation of flow at North Highlands Dam before redevelopment; maximum stage known, 53.2 ft, Mar. 16, 1929, datum in use prior to 1975.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1610	1440	4730	2820	6730	5200	3250	2580	8430	1240	e5700	1970
2	1860	3600	2070	6390	6060	4580	2910	2620	6680	2980	e5570	1570
3	1700	3210	1840	e4920	6380	20700	5200	2670	14100	3120	e4870	2080
4	1920	2040	2930	e5250	5880	39800	42400	2520	8760	3890	e3990	3420
5	5400	1430	3640	e5570	2990	21300	31400	2040	8020	4870	e3650	4180
6	5270	1500	3360	e2070	3670	12400	12700	1970	7860	7130	e4390	2630
7	1480	1420	3740	e1590	2770	9900	11400	2460	7000	3640	e4860	3780
8	1190	1630	3200	e5510	3300	8750	12800	2330	6280	5040	e5220	2500
9	2840	2440	1560	e5160	2930	8620	4490	2150	4530	2510	e5580	1440
10	3250	1850	1620	e5100	1940	972	3750	2590	5700	2600	3900	1920
11	2820	1450	2440	4570	2230	1220	5710	2750	7450	2370	3670	1380
12	2380	1490	2840	5250	2640	5150	6050	1960	6460	2370	2830	1290
13	2150	2010	4340	1740	3380	15400	5350	2020	6840	3040	2660	1310
14	1490	3420	6200	3050	3870	20900	1590	2210	5160	1430	3630	1170
15	1440	1830	6380	4210	3370	39200	3030	2380	5470	1270	2910	1240
16	2020	2050	6200	3270	3470	39400	4620	2740	3840	e3300	2550	1190
17	1630	2200	1620	3530	2270	30600	5190	2430	1940	e3430	3180	1120
18	1710	1520	2890	3970	2500	12300	5620	2560	3470	e3860	2140	1210
19	2130	1620	1860	5120	3980	10600	5010	1570	3690	e3300	2460	1290
20	2250	3580	5630	5840	3730	31900	4280	3650	3980	e2970	2180	1270
21	1480	4500	6360	5800	3560	37700	1700	3980	3520	e1800	2480	1190
22	1480	4330	4540	6580	4710	26600	1690	4140	2500	e1260	2540	1200
23	1350	4640	2440	6080	5700	15000	2890	4130	1330	e3020	3570	1250
24	1390	5310	2400	5860	4120	10400	3910	3680	1200	e3610	3760	1230
25	1430	1730	6090	6140	6330	8170	5060	3110	2480	e4480	1960	1070
26	1790	1620	3930	7330	5500	7140	4100	1700	3450	e5670	e2010	1870
27	1770	4040	4840	6260	6660	7060	3700	1680	2910	e5320	e3990	1700
28	1300	4770	6290	4170	6870	10400	3390	2800	3820	e3690	3520	1490
29	1450	5190	6120	5180	---	8110	3130	4210	4340	e3720	3670	1350
30	1320	5290	3240	6440	---	6890	2580	5790	3410	e4730	2530	3450
31	1450	---	3380	6130	---	4320	---	7330	---	e4960	2490	---
TOTAL	62750	83150	118720	150900	117540	480682	208900	90750	154620	106620	108460	53760
MEAN	2024	2772	3830	4868	4198	15510	6963	2927	5154	3439	3499	1792
MAX	5400	5310	6380	7330	6870	39800	42400	7330	14100	7130	5700	4180
MIN	1190	1420	1560	1590	1940	972	1590	1570	1200	1240	1960	1070
CFSM	.43	.59	.82	1.04	.90	3.32	1.49	.63	1.10	.74	.75	.38
IN.	.50	.66	.95	1.20	.94	3.83	1.66	.72	1.23	.85	.86	.43

APALACHICOLA RIVER BASIN

02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

MEAN	3896	4792	6741	8754	10410	11640	10070	6505	5006	5021	4665	3898
MAX	10480	20100	20090	24030	24380	26140	30030	16020	10330	13470	11660	8369
(WY)	1990	1949	1933	1936	1990	1990	1964	1964	1973	1994	1984	1967
MIN	701	888	1826	1905	3119	3135	3196	2237	1384	1894	1384	938
(WY)	1955	1932	1940	1956	1989	1988	1986	1985	1941	1988	1956	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1929 - 2001	
ANNUAL TOTAL	1131734		1736852		6762	
ANNUAL MEAN	3092		4758		11050	
HIGHEST ANNUAL MEAN					2935	
LOWEST ANNUAL MEAN					120000	
HIGHEST DAILY MEAN	18300	Apr 4	42400	Apr 4	120000	Feb 25 1961
LOWEST DAILY MEAN	921	Jan 2	972	Mar 10	480	Oct 31 1931
ANNUAL SEVEN-DAY MINIMUM	1490	Oct 24	1210	Sep 16	553	Oct 26 1931
MAXIMUM PEAK FLOW			61100	Mar 4	145000	Feb 26 1961
MAXIMUM PEAK STAGE			27.87	Mar 4	47.80	Feb 25 1961
INSTANTANEOUS LOW FLOW					294	Oct 23 1931
ANNUAL RUNOFF (CFSM)	.66		1.02		1.45	
ANNUAL RUNOFF (INCHES)	9.02		13.84		19.67	
10 PERCENT EXCEEDS	5080		7130		12400	
50 PERCENT EXCEEDS	2600		3450		5080	
90 PERCENT EXCEEDS	1420		1450		1860	

e Estimated

APALACHICOLA RIVER BASIN

02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.67	2.24	5.61	5.62	7.48	6.97	8.03	6.65	8.77	6.36	---	5.31
2	2.83	3.53	4.23	7.13	6.93	6.97	7.82	6.62	8.25	6.80	---	5.20
3	2.69	3.40	4.07	6.98	7.11	13.82	8.39	6.54	11.35	6.73	---	5.36
4	2.79	2.78	4.72	6.38	7.03	25.34	22.54	6.41	9.51	6.82	---	5.94
5	4.82	2.33	4.89	6.46	5.94	20.44	21.84	6.17	8.91	7.12	---	6.22
6	5.30	2.45	4.99	5.05	5.97	13.51	13.29	6.17	8.98	7.98	---	5.72
7	2.82	2.35	5.08	5.10	5.55	10.91	11.18	6.33	8.54	6.77	---	6.08
8	2.57	2.40	4.76	6.28	5.65	9.65	11.20	6.18	8.36	7.25	---	5.57
9	3.52	3.05	4.14	6.29	5.55	9.52	7.75	6.13	7.75	6.42	---	5.26
10	3.71	2.66	4.20	6.63	5.23	6.28	7.08	6.16	8.09	6.33	6.26	5.33
11	3.58	2.38	4.63	6.18	5.34	5.96	7.66	6.22	8.89	6.19	6.37	5.10
12	3.27	2.41	4.79	6.47	5.54	7.69	7.86	5.96	8.87	6.08	6.16	4.96
13	3.11	2.67	5.19	5.10	5.77	13.03	7.89	6.05	8.93	6.17	6.22	4.89
14	2.72	3.58	6.20	5.53	6.01	15.28	6.53	6.17	8.37	5.58	6.46	4.78
15	2.71	2.61	6.03	6.15	5.91	21.74	6.99	6.23	8.23	5.55	6.27	4.69
16	3.09	2.79	6.03	5.82	5.97	22.99	7.63	6.30	7.56	---	6.07	4.70
17	2.77	2.90	3.70	5.82	5.41	20.00	7.86	6.24	6.49	---	6.30	4.66
18	2.79	2.49	4.02	5.98	5.46	12.50	8.01	6.29	6.84	---	5.84	4.63
19	3.06	2.62	3.33	6.63	6.14	10.56	7.90	5.95	6.75	---	6.00	4.66
20	3.05	3.79	5.23	7.25	6.09	18.73	7.62	7.21	6.85	---	5.88	4.62
21	2.64	4.34	5.67	7.05	6.11	23.22	6.73	7.35	6.71	---	5.89	4.52
22	2.61	4.31	4.86	7.27	6.49	18.92	6.57	7.38	6.42	---	5.80	4.45
23	2.53	4.65	3.51	7.04	6.75	13.36	6.96	7.34	6.02	---	6.13	4.45
24	2.49	5.12	3.50	6.91	6.19	10.92	7.18	7.19	6.03	---	6.09	4.47
25	2.44	3.39	5.50	6.89	7.11	9.48	7.52	6.85	6.48	---	5.27	4.35
26	2.61	3.40	4.54	7.41	6.81	8.60	7.37	6.21	6.71	---	---	4.61
27	2.55	4.57	4.97	6.78	7.23	8.39	7.02	6.04	6.59	---	---	4.56
28	2.20	5.02	6.19	6.07	7.39	9.87	6.91	6.34	6.74	---	5.77	4.47
29	2.31	5.45	6.77	6.50	---	9.24	6.83	6.77	7.06	---	5.94	4.31
30	2.25	5.67	5.91	7.11	---	9.35	6.76	7.38	6.91	---	5.51	5.06
31	2.28	---	5.71	7.10	---	8.31	---	8.06	---	---	5.53	---
MEAN	2.93	3.38	4.93	6.42	6.22	12.95	8.83	6.54	7.73	---	---	4.96
MAX	5.30	5.67	6.77	7.41	7.48	25.34	22.54	8.06	11.35	---	---	6.22
MIN	2.20	2.24	3.33	5.05	5.23	5.96	6.53	5.95	6.02	---	---	4.31
CAL YR 2000	MEAN 4.38		MAX 13.14		MIN 1.98							

APALACHICOLA RIVER BASIN

02342500 UCHEE CREEK NEAR FORT MITCHELL, AL

LOCATION.--Lat 32°19'00", long 85°00'54", in NE¹/₄SW¹/₄ sec. 3, T. 15 N., R. 30 E., Russell County, Hydrologic Unit 03130003, at bridge on State Highway 165, 2 mi south of Fort Mitchell, 4.8 mi downstream from Little Uchee Creek, and 5.3 mi upstream from mouth.

DRAINAGE AREA.--322 mi².

PERIOD OF RECORD.--October 1946 to current year. Monthly discharge only October 1946 to August 1953, published in WSP 1724.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 201.76 ft above sea level. Prior to Sept. 1, 1953, at site 1,000 ft upstream at same datum; Sept. 1, 1953 to Aug. 15, 1965, at present site at same datum; and Aug. 15, 1965 to Nov. 15, 1990, at site 120 ft upstream at same datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.5	8.2	51	187	307	165	1010	72	15	106	16	13
2	7.7	8.5	46	145	218	175	818	63	22	89	15	16
3	7.0	8.6	42	116	174	2890	960	57	22	77	14	22
4	6.5	8.7	40	99	147	12400	6230	49	65	74	13	159
5	6.2	11	38	92	131	6780	4330	43	115	69	13	186
6	7.9	9.8	39	84	116	2150	2020	38	76	57	17	112
7	12	11	39	78	107	1320	1410	33	48	51	17	72
8	9.9	14	38	97	102	1010	1160	30	44	47	23	57
9	8.5	71	38	138	93	838	1010	27	37	41	24	47
10	7.8	68	42	127	108	749	899	25	42	34	18	40
11	7.4	43	45	97	116	649	808	23	42	30	28	35
12	7.1	35	50	98	115	1040	699	29	728	29	21	46
13	6.9	32	47	111	102	3540	610	41	865	26	26	45
14	6.7	32	83	105	101	2250	545	38	435	24	126	43
15	6.4	25	85	97	104	4130	481	34	263	22	60	39
16	6.4	23	130	112	102	4810	455	28	232	20	42	33
17	6.4	41	261	131	101	2070	391	18	185	18	33	31
18	6.4	39	234	144	97	1330	297	13	135	17	27	28
19	6.4	70	189	202	87	1110	255	12	101	16	28	27
20	6.4	89	156	753	81	6050	234	230	85	16	34	25
21	6.3	83	143	569	76	6890	211	439	71	20	26	24
22	6.4	69	177	292	99	2730	186	200	239	17	20	23
23	6.6	60	188	206	143	1630	160	159	224	14	17	22
24	6.7	53	164	166	134	1280	139	99	139	19	15	23
25	7.0	101	135	145	116	1200	188	54	104	26	18	26
26	7.3	147	111	138	249	1120	271	35	77	27	20	24
27	8.1	135	107	124	255	950	202	28	60	20	14	23
28	8.1	96	380	108	193	837	142	23	53	16	12	22
29	7.8	73	978	102	---	1200	110	21	52	15	11	21
30	7.8	60	627	345	---	1880	86	19	74	17	11	19
31	8.0	---	270	530	---	1390	---	17	---	18	11	---
TOTAL	228.6	1524.8	4973	5738	3774	76563	26317	1997	4650	1072	770	1303
MEAN	7.37	50.8	160	185	135	2470	877	64.4	155	34.6	24.8	43.4
MAX	12	147	978	753	307	12400	6230	439	865	106	126	186
MIN	6.2	8.2	38	78	76	165	86	12	15	14	11	13
CFSM	.02	.16	.50	.57	.42	7.67	2.72	.20	.48	.11	.08	.13
IN.	.03	.18	.57	.66	.44	8.85	3.04	.23	.54	.12	.09	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2001, BY WATER YEAR (WY)

	MEAN	136	259	457	638	860	1079	787	324	170	248	138	92.3
MAX	1028	2493	1708	1544	2049	2470	3376	1568	982	2303	835	319	
(WY)	1965	1949	1954	1978	1949	2001	1964	1953	1989	1994	1948	1948	
MIN	7.37	22.5	72.0	101	135	251	153	37.9	13.0	6.75	7.05	9.59	
(WY)	2001	1982	1955	1981	2001	1955	1967	2000	2000	2000	2000	1954	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1947 - 2001
ANNUAL TOTAL	56155.6	128910.4	
ANNUAL MEAN	153	353	430
HIGHEST ANNUAL MEAN			906
LOWEST ANNUAL MEAN			152
HIGHEST DAILY MEAN	3720	12400	27400
LOWEST DAILY MEAN	2.9	6.2	2.9
ANNUAL SEVEN-DAY MINIMUM	3.3	6.4	3.3
MAXIMUM PEAK FLOW		15200	55100
MAXIMUM PEAK STAGE		17.65	26.45
ANNUAL RUNOFF (CFSM)	.48	1.10	1.34
ANNUAL RUNOFF (INCHES)	6.49	14.89	18.15
10 PERCENT EXCEEDS	380	849	950
50 PERCENT EXCEEDS	36	68	183
90 PERCENT EXCEEDS	5.6	11	28

APALACHICOLA RIVER BASIN

02342933 SOUTH FORK COWIKEE CREEK NEAR BATESVILLE, AL

LOCATION.--Lat 32°01'03", long 85°17'45", in SE¹/₄SE¹/₄ sec. 14, T. 12 N., R. 27 E., Barbour County, Hydrologic Unit 03130003, on left bank at downstream side of bridge on county road, 0.1 mi downstream from Bear Creek, 1.2 mi northeast of Batesville, 11.2 mi northwest of Eufaula, and 13.0 mi upstream from mouth.

DRAINAGE AREA.--112 mi².

PERIOD OF RECORD.--October 1963 to September 1971, October 1972 to September 1974 (annual peak discharge only), October 1974 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 200 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	1.8	5.2	49	72	28	177	24	13	57	9.8	17
2	1.8	1.9	5.0	36	48	136	133	22	14	148	7.8	106
3	1.6	1.9	4.7	28	35	3930	158	20	11	68	6.9	74
4	1.5	1.9	4.5	25	30	6080	2600	18	13	49	6.4	129
5	1.4	2.0	4.4	23	27	593	626	17	11	54	7.8	84
6	1.7	2.1	4.5	20	23	314	324	15	11	47	24	38
7	2.1	2.8	4.5	18	21	226	234	14	12	32	30	24
8	1.8	3.5	4.5	19	20	189	186	13	18	26	61	20
9	1.5	19	4.5	19	19	168	159	13	37	22	31	17
10	1.5	10	4.5	15	34	154	129	13	76	19	91	15
11	1.6	5.0	4.6	15	39	138	113	12	96	17	287	14
12	1.6	3.8	4.6	18	25	867	97	18	844	16	77	14
13	1.6	3.5	4.5	17	23	1130	86	18	253	15	43	13
14	1.5	3.6	28	15	28	320	75	13	216	14	30	12
15	1.5	3.3	28	15	25	1070	72	11	243	13	32	11
16	1.5	4.4	96	26	23	402	89	10	423	11	20	10
17	1.5	6.9	57	57	25	237	63	9.0	132	10	21	9.6
18	1.5	6.0	23	40	22	185	50	8.3	63	9.6	24	9.3
19	1.5	12	21	100	19	204	47	40	50	9.0	18	9.0
20	1.6	12	17	202	18	3660	45	3760	47	8.4	15	8.7
21	1.7	9.8	17	78	18	685	42	262	36	8.1	14	8.4
22	1.6	6.9	20	45	23	339	40	107	41	7.8	12	8.1
23	1.6	5.7	17	34	23	249	38	86	84	7.5	10	7.8
24	1.6	7.6	14	29	18	203	37	45	43	18	9.2	8.0
25	1.6	30	12	26	21	213	44	30	32	30	8.6	8.3
26	1.8	15	10	22	30	171	41	23	25	16	7.9	8.1
27	1.7	11	46	22	23	146	34	19	23	13	7.2	8.4
28	1.8	7.3	1350	20	23	135	30	21	21	13	7.4	8.0
29	1.7	6.4	762	21	---	473	26	22	40	9.8	8.9	7.3
30	1.8	5.7	151	333	---	448	24	16	60	15	8.2	6.8
31	1.8	---	74	152	---	241	---	13	---	16	8.0	---
TOTAL	51.0	212.8	2803.0	1539	755	23334	5819	4712.3	2988	799.2	944.1	713.8
MEAN	1.65	7.09	90.4	49.6	27.0	753	194	152	99.6	25.8	30.5	23.8
MAX	2.1	30	1350	333	72	6080	2600	3760	844	148	287	129
MIN	1.4	1.8	4.4	15	18	28	24	8.3	11	7.5	6.4	6.8
CFSM	.01	.06	.81	.44	.24	6.72	1.73	1.36	.89	.23	.27	.21
IN.	.02	.07	.93	.51	.25	7.75	1.93	1.57	.99	.27	.31	.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2001, BY WATER YEAR (WY)

	MEAN	48.3	62.8	114	193	256	342	152	95.5	56.4	66.8	41.4	31.9
MAX	532	446	421	626	986	1363	432	390	183	872	235	201	201
(WY)	1976	1998	1998	1978	1975	1990	1979	1976	1989	1994	1975	1996	1996
MIN	1.12	4.56	10.1	13.3	27.0	65.5	23.4	2.89	4.10	1.45	1.33	.63	.63
(WY)	1991	1991	1989	1981	2001	1985	1967	2000	1988	2000	1990	1990	1990

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1964 - 2001

ANNUAL TOTAL	11623.47	44671.2	
ANNUAL MEAN	31.8	122	121
HIGHEST ANNUAL MEAN			254
LOWEST ANNUAL MEAN			27.5
HIGHEST DAILY MEAN	1800	Mar 20	19800
LOWEST DAILY MEAN	.08	Jul 19	.08
ANNUAL SEVEN-DAY MINIMUM	.20	Jul 13	.20
MAXIMUM PEAK FLOW			28200
MAXIMUM PEAK STAGE			43.40
ANNUAL RUNOFF (CFSM)	.28		1.08
ANNUAL RUNOFF (INCHES)	3.86		14.69
10 PERCENT EXCEEDS	59	202	227
50 PERCENT EXCEEDS	5.9	20	36
90 PERCENT EXCEEDS	.52	2.1	4.1

LOCATION.—Lat 31°54'29", long 85°08'42", in SE¹/₄ sec. 29, T. 11 N., R. 29 E., Barbour County, Hydrologic Unit 03130003, at Coast Guard Rock near mouth of Chewalla Creek, 1 mi north of Eufaula, and at mile 97.8.

PERIOD OF RECORD.--April 1967 to current year (elevations only). October 1989 to current year in reports of Geological Survey. April 1967 to September 1989 in files of U.S. Army Corps of Engineers.

GAGE.—Water-stage recorder. Datum of gage is sea level.

REMARKS.—Gage is in pool of Walter F. George Lake formed by dam at mile 75.0.

EXTREMES FOR PERIOD SINCE OCTOBER 1989.--Maximum elevation, 195.6 ft, Mar. 18, 1990; minimum elevation, 184.05 ft, June 13, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 191.38 ft. Mar. 5; minimum elevation, 184.60 ft. Nov. 8.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	185.24	184.71	186.73	188.13	188.22	188.27	189.68	189.40	189.33	189.40	188.60	188.07
2	185.25	184.70	186.89	188.21	188.20	188.21	189.72	189.33	189.47	189.30	188.54	188.13
3	185.17	184.79	186.88	188.19	188.20	188.93	189.62	189.22	189.78	189.16	188.47	188.12
4	185.13	184.84	186.90	188.02	188.34	190.86	189.45	189.15	189.93	189.03	188.43	188.18
5	185.16	184.86	186.84	187.91	188.35	191.23	189.82	189.09	189.77	188.94	188.47	188.23
6	185.38	184.93	186.84	187.85	188.17	190.17	189.75	189.10	189.73	188.98	188.58	188.32
7	185.46	184.84	186.84	187.86	188.09	189.52	189.50	189.11	189.70	189.06	188.53	188.30
8	185.43	184.74	186.95	187.84	188.01	189.08	189.51	189.01	189.68	189.12	188.51	188.29
9	185.37	184.80	187.06	187.84	188.03	188.75	189.38	188.96	189.67	189.08	188.40	188.26
10	185.32	184.86	187.12	187.86	188.10	188.72	189.19	188.89	189.69	188.91	188.35	188.17
11	185.36	184.88	187.14	187.91	188.16	188.50	189.22	188.84	189.82	188.82	188.54	188.09
12	185.39	184.95	187.12	187.94	188.19	188.59	189.25	188.85	189.98	188.70	188.71	188.00
13	185.37	184.91	186.89	188.04	188.15	189.02	189.38	188.93	190.02	188.60	188.72	187.94
14	185.37	184.89	186.67	188.08	188.15	189.41	189.50	188.97	189.92	188.60	188.69	187.85
15	185.39	184.92	186.49	188.18	188.20	189.96	189.53	188.95	189.78	188.60	188.72	187.74
16	185.40	184.95	186.34	188.14	188.21	190.32	189.58	188.92	189.56	188.58	188.68	187.75
17	185.30	184.97	186.19	188.08	188.19	190.20	189.62	188.93	189.32	188.55	188.63	187.70
18	185.27	185.01	186.04	188.05	188.19	189.80	189.67	188.91	189.07	188.55	188.61	187.62
19	185.26	185.11	185.75	188.22	188.22	189.29	189.76	188.94	188.91	188.57	188.60	187.60
20	185.23	185.21	185.50	188.54	188.23	189.57	189.76	189.49	188.88	188.57	188.59	187.57
21	185.21	185.25	185.50	188.46	188.31	189.95	189.74	189.57	188.83	188.57	188.50	187.51
22	185.24	185.35	185.58	188.38	188.31	190.03	189.58	189.52	188.90	188.57	188.41	187.42
23	185.23	185.54	185.65	188.24	188.26	189.70	189.47	189.54	189.01	188.55	188.28	187.42
24	185.13	185.71	185.77	188.10	188.21	189.41	189.37	189.47	189.07	188.52	188.18	187.43
25	185.03	185.96	185.88	187.94	188.25	188.97	189.35	189.33	189.08	188.53	188.08	187.38
26	184.94	186.07	185.96	187.83	188.25	188.51	189.38	189.14	189.10	188.55	188.06	187.35
27	184.86	186.10	185.97	187.82	188.26	188.31	189.40	188.99	189.07	188.67	188.00	187.38
28	184.81	186.26	186.51	187.96	188.37	188.26	189.42	188.86	189.01	188.65	187.95	187.35
29	184.											

APALACHICOLA RIVER BASIN

02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL

LOCATION.--Lat 31°15'33", long 85°06'37", Early County, Ga.-Houston County, Ala., Hydrologic Unit 03130004, at left end of George W. Andrews Lock and Dam, 1.3 mi downstream from Omusee Creek, 2.3 mi south of Columbia, and at mile 46.5.

DRAINAGE AREA.--8,210 mi², approximately.

PERIOD OF RECORD.--October 1975 to current year.

GAGE.--Gate-opening and water-stage recorders. Datum of headwater gage and tailwater gage is sea level.

REMARKS.--Records good to fair. Flow regulated by Lake Sidney Lanier, West Point Lake, Lake Harding, Walter F. George Lake, and George W. Andrews Reservoir. No adjustments made for George W. Andrews Reservoir's annual change in contents, which is insignificant.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929, thought to be the highest since 1827, based on station on Chattahoochee River at Columbia, 2.4 mi upstream.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1500	e3330	3540	3720	9150	9820	8810	5340	6200	5500	6330	e2200
2	3830	e3580	2020	5750	9410	10600	11300	5930	e9960	9720	5740	e1930
3	2650	e3600	1900	10400	6860	13400	13100	6010	e15600	7780	5760	e2460
4	2260	2140	3160	9990	5770	49100	59500	5690	13600	9150	2860	e3890
5	2530	1800	4880	9590	8590	69700	49300	3000	12100	6990	3420	e4790
6	2990	1690	4370	4840	7850	62000	43600	2270	9710	6100	4680	3940
7	2360	3420	4140	4310	6040	31600	24200	4490	9380	4940	5180	5850
8	1760	3700	2060	6580	6150	27000	19600	4240	9940	4940	7050	3500
9	3410	3170	887	5910	3700	19300	18300	4660	9950	7410	7320	4050
10	4190	3790	1510	7280	2810	13900	11300	5000	8350	5550	5520	4430
11	2380	2260	3010	5970	2840	10400	9740	5160	12900	5650	3380	4740
12	2620	1480	e5180	5380	4620	e10900	8340	1930	20700	4920	2800	2820
13	3430	3790	9060	3100	4570	e16900	5360	1720	19400	5510	5630	3050
14	1800	3590	11500	2950	5640	e22400	6440	3040	16400	2030	5720	4440
15	1570	2360	11700	4140	4860	e38000	5410	4500	15700	1770	5300	2010
16	3420	e2320	12600	7480	4390	45800	6880	2740	14700	3060	4700	1110
17	3230	3730	10900	7300	3810	47200	6730	2750	10900	2660	e3600	3390
18	2540	2150	8150	6340	4150	40400	7790	3190	9610	2630	e2440	2610
19	2660	e2110	11700	4390	4580	27800	6380	3080	7530	2550	e2550	1970
20	3140	e3710	7720	8210	4490	40100	7290	15700	6640	3630	e3290	2420
21	2210	e4530	7000	12400	4180	e51500	6970	10200	5560	2240	e4150	2600
22	1730	e4690	5340	12000	6600	49200	7270	6440	5090	1670	4460	2610
23	2730	e4790	4190	11300	9630	40000	7320	7030	4140	2570	7150	1880
24	3430	3290	e2830	11000	6320	27400	6270	7200	3160	3680	6510	2760
25	4050	2720	3190	11500	6970	27100	6360	8200	4620	3710	3350	2840
26	3500	2220	5480	10700	9080	23000	5400	6170	4030	4000	2960	2480
27	3690	3410	5130	6560	6480	17900	5400	6040	6140	6370	4440	2870
28	2250	e5080	5130	5560	10300	16700	3120	5800	5660	3460	3330	2740
29	1460	e5450	9080	8270	---	9190	3990	4890	8930	2610	4010	1870
30	2580	e5370	8540	9020	---	8420	5180	e6480	3790	4600	2590	1630
31	3360	---	6090	8770	---	9710	---	e11000	---	5990	3610	---
TOTAL	85260	99270	181987	230710	169840	886440	386650	169890	290390	143390	139830	89880
MEAN	2750	3309	5871	7442	6066	28590	12890	5480	9680	4625	4511	2996
MAX	4190	5450	12600	12400	10300	69700	59500	15700	20700	9720	7320	5850
MIN	1460	1480	887	2950	2810	8420	3120	1720	3160	1670	2440	1110
CFSM	.33	.40	.72	.91	.74	3.48	1.57	.67	1.18	.56	.55	.36
IN.	.39	.45	.82	1.05	.77	4.02	1.75	.77	1.32	.65	.63	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2001, BY WATER YEAR (WY)

	MEAN	6405	7981	11060	13500	16980	19910	13800	9605	7472	7993	7116	6224
MAX	16730	23290	24660	31670	33800	45900	33400	19950	13590	38070	14550	11630	
(WY)	1976	1993	1993	1978	1998	1990	1979	1980	1976	1994	1984	1994	
MIN	2385	2998	3655	4726	4856	6912	4957	4536	3946	2425	2045	2265	
(WY)	1987	1982	2000	1981	1989	2000	1999	1999	2000	1988	1988	1986	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1976 - 2001
ANNUAL TOTAL	1880377	2873537	
ANNUAL MEAN	5138	7873	10640
HIGHEST ANNUAL MEAN			16050
LOWEST ANNUAL MEAN			4950
HIGHEST DAILY MEAN	26600	69700	195000
LOWEST DAILY MEAN	887	887	0
ANNUAL SEVEN-DAY MINIMUM	2510	2300	1640
MAXIMUM PEAK FLOW		73100	202000
MAXIMUM PEAK STAGE		108.19	123.98
ANNUAL RUNOFF (CFSM)	.63	.96	1.30
ANNUAL RUNOFF (INCHES)	8.52	13.02	17.61
10 PERCENT EXCEEDS	11500	13700	21400
50 PERCENT EXCEEDS	3890	5130	8370
90 PERCENT EXCEEDS	2170	2270	1790

e Estimated

APALACHICOLA RIVER BASIN

LAKES AND RESERVOIRS IN APALACHICOLA RIVER BASIN

02339400 WEST POINT LAKE NEAR WEST POINT, GA

LOCATION.--Lat 32°55'05", long 85°11'17", Troup County, Ga., Hydrologic Unit 03130002, at forebay of dam on Chattahoochee River, 2.3 mi upstream from Oseligee Creek, 3.0 mi north of West Point, Ga., 3.2 mi upstream from bridge on U.S. Highway 29, and at mile 201.4.

DRAINAGE AREA.--3,440 mi², approximately.

PERIOD OF RECORD.--October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--Lake is formed by concrete gravity dam with earth dikes at either side. Spillway (crest elevation, 597 ft) is equipped with six tainter gates 50 ft wide by 41 ft high. Storage began Oct. 16, 1974; lake reached maximum power pool, 635 ft, on June 10, 1975. Total capacity at elevation, 641 ft; maximum flood control pool, 774,800 acre-ft. Capacity at elevation, 635 ft, maximum power pool, 604,500 acre-ft. Dead storage below elevation 620 ft, minimum power pool, 298,400 acre-ft. Lake is used for flood control and power. Records furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 690,700 acre-ft, April 16, 1979, elevation, 638.17 ft; minimum, since first filling, 295,200 acre-ft, Nov. 8, 1985, elevation, 619.80 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 662,400 acre-ft, June 2, elevation, 637.16 ft; minimum, 446,700 acre-ft, Nov. 8, elevation, 628.21 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	631.05	508,500	--	--
Oct. 31	629.16	466,700	-41,800	+680
Nov. 30	630.74	501,500	+34,800	+585
Dec. 31	630.44	494,800	-6,700	+109
CAL YR 2000			+35,900	+50
Jan. 31	629.60	476,300	-18,500	-301
Feb. 28	633.08	556,400	+80,100	+1,440
Mar. 31	635.00	604,500	+48,100	+782
Apr. 30	636.03	631,600	+27,100	+455
May 31	636.55	645,700	+14,100	+229
June 30	636.33	639,700	-6,000	-101
July 31	636.15	634,900	-4,800	-78
Aug. 31	634.11	581,900	-53,000	-862
Sept. 30	634.14	582,600	+700	+12
WTR YR 2001			+74,100	+102

APALACHICOLA RIVER BASIN

LAKES AND RESERVOIRS IN APALACHICOLA RIVER BASIN--Continued

02343240 WALTER F. GEORGE LAKE NEAR FORT GAINES, GA

LOCATION.--Lat 31°37'27", long 85°04'03", Clay County, Ga., Hydrologic Unit 03130003, at forebay of dam on Chattahoochee River, 1.6 mi upstream from bridge on State Highway 37, 1 mi north of Ft. Gaines, Ga., and at mile 75.0.

DRAINAGE AREA.--7,460 mi², approximately.

PERIOD OF RECORD.--May 1962 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--Reservoir is formed by concrete gravity dam and navigation lock with earth dikes on either side. The non-overflow section at the dam includes a powerhouse. Filling began in May 1962. Power operations commenced on Mar. 13, 1963. The spillway (crest elevation, 163.0 ft) is equipped with 14 tainter gates 42 ft wide by 29 ft high. Total capacity at elevation 190.0 ft, full summer pool, 934,400 acre-ft, of which 244,400 acre-ft between elevations 190.0 and 184.0 ft, minimum pool, is controlled storage. Lake is used for navigation and power. Records furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 1,160,900 acre-ft, Mar. 19, 1990, elevation, 194.60 ft; minimum, after first filling, 660,400 acre-ft, Apr. 23, 1965, elevation, 183.17 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 996,200 acre-ft, Mar. 4, elevation, 191.33 ft; minimum, 719,300 acre-ft, Nov. 8, elevation, 184.79 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	185.41	742,900	--	--
Oct. 31	184.85	721,500	-21,400	-348
Nov. 30	186.92	802,300	+80,800	+1,360
Dec. 31	188.29	859,500	+57,200	+930
CAL YR 2000			+1,700	+2
Jan. 31	188.32	860,800	+1,300	+21
Feb. 28	188.43	865,600	+4,800	+86
Mar. 31	189.79	925,100	+59,500	+968
Apr. 30	189.51	912,600	-12,500	-210
May 31	189.25	901,100	-11,500	-187
June 30	189.53	913,500	+12,400	+208
July 31	188.75	879,300	-34,200	-556
Aug. 31	188.27	858,700	-20,600	-335
Sept. 30	187.50	826,300	-32,400	-545
WTR YR 2001			+83,400	+115

CHOCTAWHATCHEE RIVER BASIN

02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL

LOCATION.--Lat 31°20'34", long 85°36'38", in SE¹/₄ sec. 2, T. 4 N., R. 24 E., Dale County, Hydrologic Unit 03140201, on left bank at downstream side of bridge on State Highway 123, 100 ft upstream from abandoned mill dam, 1,800 ft upstream from Hurricane Creek, 0.8 mi north of Newton, 1 mi downstream from Atlantic Coast Line Railroad bridge, and at mile 133.0.

DRAINAGE AREA.--686 mi².

PERIOD OF RECORD.--June 1906 to August 1908, October 1911 to August 1912 (gage heights only), November 1921 to September 1927, May 1935 to current year. Monthly discharge only for period January to April 1925, published in WSP 1304. Gage-height records collected near same site from 1931 to December 1971 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 2106: 1967. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 138.56 ft above sea level. See WSP 1304 or 1724 for history of changes prior to Sept. 9, 1938. Prior to May 15, 1997, gage located 300 ft downstream, below abandoned mill dam.

REMARKS.--No estimated daily discharges. Records good except those of estimated periods, which are fair. Prior to January 1941 moderate diurnal fluctuation at low flow caused by gristmills above station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1900, 42 ft present site and datum, Mar. 15, 1929, from information by State Highway Department (discharge not determined).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	163	66	269	2280	1060	729	1680	415	269	2390	399	262
2	128	66	249	1520	935	685	1480	366	321	1770	250	293
3	124	66	242	1070	771	3850	1290	356	253	1490	187	357
4	113	66	229	797	652	9590	5180	328	227	998	150	422
5	105	65	217	705	592	11500	6240	297	210	607	130	450
6	121	69	211	657	543	8950	4180	220	192	433	213	447
7	184	79	209	616	487	3730	3240	191	171	360	407	383
8	145	87	209	588	457	2380	2330	186	186	323	475	307
9	121	264	210	567	447	1920	1750	171	268	291	491	250
10	105	409	210	523	536	1770	1520	156	590	251	540	216
11	98	398	219	558	572	1520	1410	178	1440	245	609	193
12	89	347	236	592	541	2650	1240	236	2600	213	541	176
13	83	278	228	578	513	5200	1160	223	2140	188	544	167
14	79	268	404	552	484	4640	1210	218	1900	172	437	160
15	70	238	549	542	457	4780	954	216	2060	156	395	149
16	67	206	885	549	449	3720	1000	218	1390	141	413	140
17	65	256	1640	722	449	2660	941	202	906	128	407	131
18	67	300	1320	811	434	2310	915	177	618	114	450	125
19	67	474	1040	1120	410	1950	881	147	471	102	322	119
20	65	558	834	2160	390	4460	820	232	391	106	266	115
21	65	470	631	1740	386	4690	797	187	393	148	236	112
22	65	370	582	1290	450	4020	760	388	384	116	208	107
23	63	291	557	1230	505	3200	718	496	611	97	184	102
24	62	275	515	969	489	2370	688	453	639	90	168	169
25	62	651	473	723	479	2020	703	377	583	309	152	382
26	62	635	446	615	781	1790	622	289	518	298	139	413
27	62	528	429	575	776	1610	537	258	362	349	130	411
28	63	436	1410	545	724	1480	496	246	291	390	122	324
29	63	354	3300	530	---	1760	435	246	535	409	124	253
30	63	295	3090	982	---	2010	418	269	1350	335	164	201
31	66	---	2830	1230	---	1820	---	228	---	622	184	---
TOTAL	2755	8865	23873	27936	15769	105764	45595	8170	22269	13641	9437	7336
MEAN	88.9	296	770	901	563	3412	1520	264	742	440	304	245
MAX	184	651	3300	2280	1060	11500	6240	496	2600	2390	609	450
MIN	62	65	209	523	386	685	418	147	171	90	122	102
CFSM	.13	.43	1.12	1.31	.82	4.97	2.22	.38	1.08	.64	.44	.36
IN.	.15	.48	1.29	1.51	.86	5.74	2.47	.44	1.21	.74	.51	.40

CHOCTAWHATCHEE RIVER BASIN

02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2001, BY WATER YEAR (WY)

MEAN	417	590	981	1454	1573	1875	1446	793	590	704	568	481
MAX	1707	2641	4544	5739	2862	5926	4323	2619	1667	7668	2384	2274
(WY)	1976	1949	1954	1925	1949	1990	1944	1953	1922	1994	1939	1937
MIN	77.6	161	204	337	496	358	322	88.7	76.2	70.3	95.0	95.1
(WY)	1988	1991	1956	1981	1989	1955	2000	2000	2000	2000	1988	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1922 - 2001	
ANNUAL TOTAL	120387		291410			
ANNUAL MEAN	329		798		955	
HIGHEST ANNUAL MEAN					1737	
LOWEST ANNUAL MEAN					325	
HIGHEST DAILY MEAN	3300	Dec 29	11500	Mar 5	72200	Mar 18 1990
LOWEST DAILY MEAN	37	Jul 26, 27	62	Oct 24-27	37	Jul 26, 27 2000
ANNUAL SEVEN-DAY MINIMUM	43	Jul 22	62	Oct 23	43	Jul 22 2000
MAXIMUM PEAK FLOW			11800	Mar 5	87500	Mar 18 1990
MAXIMUM PEAK STAGE			24.02	Mar 5	40.30	Mar 18 1990
ANNUAL RUNOFF (CFSM)	.48		1.16		1.39	
ANNUAL RUNOFF (INCHES)	6.53		15.80		18.92	
10 PERCENT EXCEEDS	646		1910		1970	
50 PERCENT EXCEEDS	212		409		587	
90 PERCENT EXCEEDS	57		107		187	

HOCTAWHATCHEE RIVER BASIN

02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.88	3.40	4.24	8.56	6.18	5.52	7.43	4.67	4.23	8.79	4.71	4.21
2	3.75	3.40	4.17	7.01	5.93	5.42	7.01	4.52	4.40	7.53	4.28	4.31
3	3.74	3.40	4.15	6.10	5.61	11.64	6.62	4.50	4.19	6.93	4.07	4.50
4	3.69	3.40	4.11	5.57	5.34	21.51	14.28	4.41	4.10	5.97	3.94	4.68
5	3.66	3.39	4.07	5.37	5.19	23.73	16.33	4.33	4.05	5.20	3.86	4.75
6	3.72	3.47	4.05	5.26	5.07	20.47	12.49	4.08	3.99	4.81	4.15	4.74
7	3.96	3.54	4.05	5.16	4.93	11.58	10.59	3.98	3.92	4.61	4.74	4.57
8	3.82	3.58	4.05	5.09	4.86	8.78	8.75	3.96	3.96	4.50	4.91	4.35
9	3.72	4.18	4.05	5.04	4.83	7.91	7.79	3.91	4.23	4.41	4.91	4.18
10	3.66	4.64	4.05	4.93	5.05	7.61	7.33	3.86	5.07	4.28	4.99	4.07
11	3.63	4.61	4.08	5.02	5.15	7.08	7.11	3.93	6.88	4.26	5.14	3.99
12	3.59	4.47	4.13	5.10	5.07	9.37	6.75	4.13	9.23	4.16	4.98	3.93
13	3.56	4.27	4.11	5.07	5.00	14.46	6.58	4.09	8.28	4.07	4.98	3.90
14	3.54	4.24	4.61	5.01	4.93	13.39	6.67	4.07	7.80	4.02	4.72	3.88
15	3.48	4.14	5.00	4.98	4.86	13.65	6.15	4.07	8.13	3.96	4.61	3.83
16	3.42	4.03	5.70	5.00	4.84	11.59	6.23	4.07	6.73	3.90	4.65	3.80
17	3.38	4.20	7.25	5.41	4.84	9.35	6.09	4.02	5.78	3.85	4.64	3.77
18	3.43	4.33	6.61	5.60	4.80	8.65	6.03	3.93	5.17	3.80	4.75	3.74
19	3.44	4.80	6.04	6.21	4.73	7.96	5.94	3.83	4.80	3.74	4.40	3.71
20	3.39	5.02	5.64	8.32	4.68	13.00	5.81	4.11	4.59	3.76	4.23	3.70
21	3.39	4.80	5.20	7.49	4.67	13.48	5.75	3.97	4.60	3.93	4.14	3.69
22	3.38	4.53	5.08	6.60	4.84	12.17	5.65	4.57	4.57	3.81	4.04	3.67
23	3.35	4.31	5.02	6.49	4.98	10.51	5.55	4.87	5.15	3.72	3.96	3.65
24	3.32	4.25	4.91	5.99	4.94	8.77	5.46	4.76	5.22	3.69	3.90	3.89
25	3.32	5.24	4.81	5.50	4.91	8.10	5.48	4.56	5.08	4.46	3.85	4.57
26	3.32	5.21	4.74	5.25	5.62	7.65	5.27	4.30	4.92	4.43	3.80	4.65
27	3.31	4.95	4.69	5.15	5.61	7.28	5.04	4.20	4.51	4.58	3.76	4.65
28	3.33	4.71	6.79	5.08	5.51	6.99	4.93	4.16	4.31	4.69	3.73	4.41
29	3.34	4.49	10.73	5.04	---	7.56	4.76	4.16	4.95	4.74	3.74	4.19
30	3.34	4.32	10.31	6.01	---	8.07	4.69	4.24	6.66	4.54	3.89	4.02
31	3.40	---	9.74	6.51	---	7.72	---	4.11	---	5.18	3.96	---
MEAN	3.52	4.24	5.36	5.77	5.11	10.68	7.15	4.21	5.32	4.66	4.34	4.13
MAX	3.96	5.24	10.73	8.56	6.18	23.73	16.33	4.87	9.23	8.79	5.14	4.75
MIN	3.31	3.39	4.05	4.93	4.67	5.42	4.69	3.83	3.92	3.69	3.73	3.65
WTR YR 2001	MEAN 5.38		MAX 23.73		MIN 3.31							

CHOCTAWHATCHEE RIVER BASIN

02361500 CHOCTAWHATCHEE RIVER NEAR BELLWOOD, AL

LOCATION.--Lat 31°09'33", long 85°47'04", in SW¹/₄ sec. 7, T. 2 N., R. 23 E., Geneva County, Hydrologic Unit 3140201, at bridge on county road, 0.1 mi downstream of Wilkerson Creek, 1 mi southeast of Bellwood, 4.0 mi downstream of Claybank Creek, and at mile 109.3.

DRAINAGE AREA.--1,280 mi².

PERIOD OF RECORD.--December 1921 to October 1925, December 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 90 ft above sea level (from topographic map). From December 1921 to October 1925, gage located 1.2 mi upstream of current location.

REMARKS.--Estimated daily discharges: Mar. 12, 13. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR DECEMBER 7, 2000 TO SEPTEMBER 30, 2001.--Maximum discharge, 16,900 ft³/s, Mar. 5, gage height, 15.70 ft; minimum daily discharge, 403 ft³/s, Sept. 23.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	3980	1920	1520	3260	866	631	2520	1540	653
2	---	---	---	2970	1610	1540	2830	828	915	3250	1070	1260
3	---	---	---	2050	1430	2790	2450	794	771	2430	728	1320
4	---	---	---	1610	1250	10600	3640	757	593	2000	597	1370
5	---	---	---	1420	1150	16300	8930	724	540	1510	526	1300
6	---	---	---	1360	1100	14300	8950	695	497	1190	1250	1290
7	---	---	495	1310	1030	9980	6300	664	456	1000	2360	1200
8	---	---	488	1310	985	5580	4850	633	442	854	2170	1030
9	---	---	491	1240	958	4000	3920	620	612	766	1690	846
10	---	---	498	1110	1080	3660	3270	607	1150	687	1390	731
11	---	---	506	1060	1300	3240	2780	587	2560	749	1460	643
12	---	---	528	1110	1160	e3350	2440	735	5610	1190	1430	578
13	---	---	521	1120	1070	e7650	2230	864	6410	900	1540	554
14	---	---	821	1080	1040	10000	2110	751	4320	692	1450	532
15	---	---	1390	1030	1030	8880	2010	670	3750	601	1210	499
16	---	---	1450	1020	1020	9670	2030	593	3340	536	1060	466
17	---	---	3320	1180	984	7170	1950	522	2250	495	976	437
18	---	---	2900	1450	946	4960	1690	493	1700	464	1120	423
19	---	---	2050	1500	883	4160	1540	461	1340	437	992	432
20	---	---	1720	3160	866	5200	1430	899	1350	419	887	433
21	---	---	1350	3220	839	9230	1380	1820	1170	495	832	429
22	---	---	1190	2310	859	8230	1330	1100	1240	592	719	414
23	---	---	1090	1870	943	6360	1250	1100	1610	496	632	403
24	---	---	971	1700	953	5090	1200	1020	1580	439	607	533
25	---	---	894	1380	931	4100	1170	876	1300	616	559	1110
26	---	---	854	1210	1400	3620	1150	738	1160	1050	515	967
27	---	---	788	1180	1660	3140	1050	657	984	1040	494	864
28	---	---	1420	1160	1390	2810	1010	659	803	976	493	744
29	---	---	4360	1050	---	3090	964	634	955	1070	514	648
30	---	---	5470	1600	---	4000	911	630	1760	1360	613	619
31	---	---	4780	2320	---	3750	---	586	---	996	562	---
TOTAL	---	---	---	51070	31787	187970	80025	23583	51799	31820	31986	22728
MEAN	---	---	---	1647	1135	6064	2668	761	1727	1026	1032	758
MAX	---	---	---	3980	1920	16300	8950	1820	6410	3250	2360	1370
MIN	---	---	---	1020	839	1520	911	461	442	419	493	403
CFSM	---	---	---	1.29	.89	4.74	2.08	.59	1.35	.80	.81	.59
IN.	---	---	---	1.48	.92	5.46	2.33	.69	1.51	.92	.93	.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2001, BY WATER YEAR (WY)

MEAN	636	720	1367	3282	2341	3391	1914	1282	1633	1167	984	719
MAX	745	1020	2227	7874	2882	6064	2668	1980	2853	1905	2038	1280
(WY)	1924	1924	1923	1925	1922	2001	2001	1923	1922	1924	1923	1923
MIN	500	526	730	1221	1135	1528	983	609	584	617	387	247
(WY)	1926	1925	1922	1922	2001	1925	1925	1925	1925	1925	1925	1925

SUMMARY STATISTICS

WATER YEARS 1922 - 2001

ANNUAL MEAN	1689	
HIGHEST ANNUAL MEAN	1930	1923
LOWEST ANNUAL MEAN	1478	1925
HIGHEST DAILY MEAN	26000	Jan 19 1925
LOWEST DAILY MEAN	175	Sep 26 1925
ANNUAL SEVEN-DAY MINIMUM	196	Sep 20 1925
MAXIMUM PEAK FLOW	26600	Jan 19 1925
MAXIMUM PEAK STAGE	18.00	Jan 19 1925
ANNUAL RUNOFF (CFSM)	1.32	
ANNUAL RUNOFF (INCHES)	17.93	
10 PERCENT EXCEEDS	3280	
50 PERCENT EXCEEDS	1090	
90 PERCENT EXCEEDS	500	

e Estimated

CHOCTAWHATCHEE RIVER BASIN

02361500 CHOCTAWHATCHEE RIVER NEAR BELLWOOD, AL--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	9.81	7.09	6.39	8.99	5.01	4.38	8.01	6.42	4.44
2	---	---	---	8.61	6.55	6.43	8.44	4.91	5.12	8.97	5.46	5.87
3	---	---	---	7.29	6.21	8.14	7.93	4.83	4.76	7.89	4.65	6.00
4	---	---	---	6.55	5.86	13.42	9.30	4.73	4.28	7.21	4.29	6.10
5	---	---	---	6.20	5.65	15.50	12.81	4.65	4.12	6.36	4.08	5.95
6	---	---	---	6.08	5.54	14.89	12.84	4.57	3.99	5.74	5.69	5.93
7	---	---	3.98	5.99	5.38	13.26	11.57	4.48	3.84	5.33	7.79	5.76
8	---	---	3.96	5.97	5.29	11.11	10.61	4.40	3.79	4.98	7.50	5.40
9	---	---	3.97	5.84	5.22	9.83	9.74	4.36	4.33	4.75	6.69	4.95
10	---	---	3.99	5.57	5.49	9.46	8.99	4.32	5.61	4.55	6.14	4.66
11	---	---	4.02	5.45	5.96	8.95	8.37	4.26	8.02	4.70	6.28	4.42
12	---	---	4.09	5.57	5.66	---	7.91	4.66	11.11	5.72	6.21	4.24
13	---	---	4.07	5.58	5.49	---	7.58	5.00	11.62	5.08	6.42	4.16
14	---	---	4.86	5.49	5.41	13.31	7.40	4.72	10.14	4.56	6.26	4.10
15	---	---	6.13	5.39	5.39	12.82	7.23	4.50	9.56	4.30	5.77	3.99
16	---	---	6.20	5.37	5.37	13.16	7.27	4.28	9.07	4.11	5.45	3.88
17	---	---	9.05	5.70	5.28	12.01	7.14	4.07	7.62	3.98	5.27	3.77
18	---	---	8.53	6.26	5.20	10.71	6.70	3.97	6.70	3.87	5.58	3.72
19	---	---	7.31	6.33	5.05	10.00	6.42	3.86	6.04	3.77	5.30	3.75
20	---	---	6.74	8.85	5.00	10.82	6.22	4.88	6.05	3.70	5.06	3.76
21	---	---	6.07	8.93	4.94	12.97	6.13	6.92	5.69	3.97	4.92	3.74
22	---	---	5.72	7.70	4.99	12.53	6.02	5.54	5.83	4.28	4.63	3.69
23	---	---	5.52	7.01	5.19	11.61	5.86	5.54	6.55	3.98	4.39	3.64
24	---	---	5.25	6.72	5.21	10.80	5.75	5.36	6.49	3.78	4.32	4.07
25	---	---	5.07	6.11	5.16	9.93	5.70	5.03	5.96	4.28	4.18	5.57
26	---	---	4.97	5.77	6.13	9.41	5.65	4.68	5.67	5.43	4.05	5.24
27	---	---	4.81	5.71	6.63	8.84	5.44	4.46	5.28	5.41	3.98	5.00
28	---	---	6.05	5.66	6.13	8.42	5.34	4.47	4.85	5.27	3.97	4.70
29	---	---	10.15	5.44	---	8.77	5.24	4.40	5.20	5.48	4.04	4.44
30	---	---	11.10	6.49	---	9.84	5.11	4.39	6.80	6.07	4.34	4.36
31	---	---	10.56	7.73	---	9.55	---	4.26	---	5.31	4.19	---
MEAN	---	---	---	6.49	5.59	---	7.66	4.69	6.28	5.19	5.27	4.64
MAX	---	---	---	9.81	7.09	---	12.84	6.92	11.62	8.97	7.79	6.10
MIN	---	---	---	5.37	4.94	---	5.11	3.86	3.79	3.70	3.97	3.64

CHOCTAWHATCHEE RIVER BASIN

02362240 LITTLE DOUBLE BRIDGES CREEK NEAR ENTERPRISE, AL

LOCATION.--Lat 31°16'20", long 85°57'30", in SW¹/₄ sec. 33, T. 4 N., R. 21 E., Coffee County, Hydrologic Unit 03140201, near right bank on downstream side of bridge on County Road 18, 8.4 mi southwest of Enterprise.

DRAINAGE AREA.--21.4 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 195 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.6	4.5	9.4	25	22	32	28	9.8	16	11	14	23
2	4.2	4.9	9.4	25	20	28	25	9.5	18	13	9.4	30
3	4.0	5.1	9.6	23	19	581	24	9.5	14	10	6.3	24
4	3.8	5.2	9.1	22	19	374	114	9.0	11	7.9	5.2	56
5	3.8	5.3	9.1	21	18	65	54	8.4	9.8	7.8	5.8	40
6	17	5.8	9.3	21	17	42	33	8.0	8.5	9.8	105	31
7	16	11	9.3	20	17	34	28	7.7	8.5	8.5	53	20
8	8.2	19	9.2	21	17	30	25	7.5	21	6.7	27	16
9	5.8	140	9.5	20	17	32	24	8.3	38	5.9	17	13
10	5.4	47	9.8	19	37	35	22	8.0	43	5.4	31	12
11	5.6	13	10	21	25	27	21	12	112	5.7	39	13
12	5.4	9.5	10	23	20	170	20	95	206	7.8	20	10
13	5.0	9.7	9.4	21	19	186	19	38	38	8.5	17	9.3
14	4.7	16	58	20	19	47	21	21	25	7.4	16	9.0
15	4.5	11	24	20	18	147	21	17	21	5.7	14	8.2
16	4.3	12	77	27	18	52	24	15	16	4.8	11	7.6
17	4.3	30	98	27	18	35	19	13	12	4.2	10	7.5
18	4.3	21	30	23	16	33	16	12	9.9	3.7	17	7.8
19	4.3	45	32	53	15	54	16	12	8.5	3.4	18	8.4
20	4.5	27	26	57	15	327	15	21	9.6	3.4	48	12
21	4.6	15	23	26	16	68	15	21	10	5.3	20	9.1
22	4.5	12	30	22	17	44	14	16	17	8.2	13	8.0
23	4.3	11	24	21	16	37	13	14	43	6.5	9.6	9.7
24	6.8	17	21	20	15	33	13	16	15	4.5	8.0	17
25	4.4	48	20	19	24	37	14	12	11	5.2	7.8	18
26	3.9	19	19	18	46	32	13	10	8.7	12	7.4	13
27	3.9	13	19	19	23	28	12	11	8.5	27	7.2	11
28	4.0	11	116	18	32	28	11	14	8.4	16	9.7	11
29	4.1	10	92	19	---	58	11	17	7.3	11	21	10
30	4.2	9.9	34	61	---	45	10	14	9.2	13	15	9.1
31	4.3	---	27	30	---	32	---	12	---	12	14	---
TOTAL	168.7	607.9	893.1	782	575	2773	695	498.7	783.9	261.3	616.4	473.7
MEAN	5.44	20.3	28.8	25.2	20.5	89.5	23.2	16.1	26.1	8.43	19.9	15.8
MAX	17	140	116	61	46	581	114	95	206	27	105	56
MIN	3.8	4.5	9.1	18	15	27	10	7.5	7.3	3.4	5.2	7.5
CFSM	.25	.95	1.35	1.18	.96	4.18	1.08	.75	1.22	.39	.93	.74
IN.	.29	1.06	1.55	1.36	1.00	4.82	1.21	.87	1.36	.45	1.07	.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2001, BY WATER YEAR (WY)

	MEAN	26.4	33.5	34.8	49.4	50.5	78.8	35.8	23.1	25.6	37.5	19.4	25.0
MAX	97.7	76.7	48.6	93.8	87.5	322	74.8	47.5	52.1	282	46.3	121	
(WY)	1996	1996	1986	1991	1997	1990	1996	1996	1994	1994	1994	1998	
MIN	5.44	15.6	16.9	23.8	20.5	21.5	10.8	3.73	5.20	1.93	2.79	8.96	
(WY)	2001	1991	1988	1989	2001	2000	2000	2000	2000	2000	2000	1990	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1985 - 2001
ANNUAL TOTAL	5111.8	9128.7	
ANNUAL MEAN	14.0	25.0	
HIGHEST ANNUAL MEAN			36.7
LOWEST ANNUAL MEAN			63.3
HIGHEST DAILY MEAN	270	581	13.9
LOWEST DAILY MEAN	1.1	3.4	5000
ANNUAL SEVEN-DAY MINIMUM	1.3	4.1	1.1
MAXIMUM PEAK FLOW		1280	1.3
MAXIMUM PEAK STAGE		9.24	* 14200
INSTANTANEOUS LOW FLOW		3.4	16.45
ANNUAL RUNOFF (CFSM)	.65	1.17	3.4
ANNUAL RUNOFF (INCHES)	8.89	15.87	1.71
10 PERCENT EXCEEDS	26	43	23.30
50 PERCENT EXCEEDS	8.8	16	61
90 PERCENT EXCEEDS	1.5	5.3	22
			8.3

* From rating extension above 3,500 ft³/s based on contracted opening computation at gage height of 13.90 ft.

CHOCTAWHATCHEE RIVER BASIN

02363000 PEA RIVER NEAR ARITON, AL

LOCATION.--Lat 31°35'41", long 85°46'59", in SW¹/₄ sec. 7, T. 7 N., R. 23 E., Dale County, on left bank at downstream side of abandoned bridge, and about 20 ft upstream from bridge on U.S. Highway 231, 2.2 mi downstream from Bryors Mill Creek, 2.8 mi downstream from Atlantic Coast Line Railroad bridge, 3.5 mi west of Arlton, and at mile 92.5.

DRAINAGE AREA.--498 mi².

PERIOD OF RECORD.--October 1938 to September 1970, October 1970 to September 1982 (flood hydrograph), October 1982 to September 1987 (annual peak discharge), October 1987 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 246.72 ft above sea level. Prior to Nov. 22, 1938, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1900, about 25 ft, present site and datum, March 1929, from information by local residents (discharge not determined).

REVISIONS.--Discharges for July 2-24, 2000 published in 2000 water year report are in error. Discharges should be as follows:

Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)
July 02	16	July 10	7.8	July 18	3.8
July 03	15	July 11	6.8	July 19	3.4
July 04	14	July 12	6.2	July 20	6.1
July 05	13	July 13	6.0	July 21	6.8
July 06	12	July 14	5.5	July 22	6.6
July 07	11	July 15	5.0	July 23	5.5
July 08	10	July 16	4.5	July 24	4.7
July 09	9.0	July 17	4.2		

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	16	134	1780	735	272	1310	181	85	416	164	82
2	36	16	116	1310	692	296	1290	160	80	504	102	91
3	31	16	104	910	639	1870	1250	149	78	632	92	223
4	27	16	94	508	527	4360	3340	134	73	639	79	296
5	25	16	87	352	327	15200	3540	118	64	593	59	334
6	25	16	82	289	243	12100	3300	106	57	368	211	423
7	26	18	80	245	205	4820	3700	95	53	234	625	275
8	24	20	78	221	180	2510	2440	86	55	194	544	189
9	22	34	78	205	166	1610	1630	81	193	171	564	149
10	22	89	78	190	199	1320	1320	77	510	141	659	124
11	21	270	77	180	302	1160	1150	86	733	120	455	106
12	21	217	78	182	319	1650	1010	126	1200	102	401	93
13	20	174	76	179	275	2310	909	132	1390	114	330	87
14	20	126	109	173	241	2580	837	107	1260	98	274	83
15	19	95	192	166	211	2950	780	86	1160	82	295	79
16	19	81	341	195	193	2960	724	85	1200	74	250	73
17	19	91	480	303	196	2350	672	79	1180	62	206	68
18	19	122	481	365	192	1990	629	68	943	53	171	63
19	18	194	435	412	174	1870	572	59	882	46	171	59
20	18	258	373	564	160	2620	495	57	752	40	171	57
21	17	258	301	627	153	2990	429	71	441	35	142	55
22	17	217	270	582	178	4440	373	140	320	33	125	52
23	17	171	259	503	189	4440	334	326	526	30	111	49
24	16	142	246	427	183	2630	279	392	562	29	99	52
25	16	188	226	320	244	1740	264	264	529	28	88	53
26	16	288	202	249	279	1470	309	164	547	33	78	50
27	16	310	183	211	231	1300	341	129	377	41	71	47
28	16	261	713	184	261	1170	293	102	209	88	77	49
29	16	203	1580	169	---	1190	245	85	343	165	73	49
30	16	160	2440	451	---	1280	206	80	483	119	63	46
31	16	---	2630	669	---	1310	---	86	---	131	59	---
TOTAL	652	4083	12623	13121	7894	90758	33971	3911	16285	5415	6809	3456
MEAN	21.0	136	407	423	282	2928	1132	126	543	175	220	115
MAX	41	310	2630	1780	735	15200	3700	392	1390	639	659	423
MIN	16	16	76	166	153	272	206	57	53	28	59	46
CFSM	.04	.27	.82	.85	.57	5.88	2.27	.25	1.09	.35	.44	.23
IN.	.05	.30	.94	.98	.59	6.78	2.54	.29	1.22	.40	.51	.26

CHOCTAWHATCHEE RIVER BASIN
02363000 PEA RIVER NEAR ARITON, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

MEAN	218	333	644	891	1078	1458	1004	450	331	409	301	229
MAX	1404	2305	2558	2930	2147	4272	3411	1693	1222	3587	1526	961
(WY)	1965	1949	1954	1943	1998	1990	1944	1953	1970	1994	1939	1956
MIN	10.5	37.1	98.8	212	246	183	134	33.0	15.2	7.39	20.6	13.6
(WY)	1988	1942	1956	1989	2000	1955	1967	2000	2000	2000	1988	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1939 - 2001	
ANNUAL TOTAL	66260.6		198978			
ANNUAL MEAN	181		545		610	
HIGHEST ANNUAL MEAN					1094	
LOWEST ANNUAL MEAN					171	
HIGHEST DAILY MEAN	2630	Dec 31	15200	Mar 5	38200	Mar 18 1990
LOWEST DAILY MEAN	3.3	Jul 29	16	Oct 24 to Nov 6	3.3	Jul 29 2000
ANNUAL SEVEN-DAY MINIMUM	4.0	Jul 24	16	Oct 24	4.0	Jul 24 2000
MAXIMUM PEAK FLOW			17800	Mar 5	47700	Mar 17 1990
MAXIMUM PEAK STAGE			19.70	Mar 5	24.87	Mar 17 1990
ANNUAL RUNOFF (CFSM)	.36		1.09		1.23	
ANNUAL RUNOFF (INCHES)	4.95		14.86		16.64	
10 PERCENT EXCEEDS	451		1310		1390	
50 PERCENT EXCEEDS	64		189		301	
90 PERCENT EXCEEDS	9.2		28		46	

CHOCTAWHATCHEE RIVER BASIN

02364000 (NWS 01-2577-07) PEA RIVER AT ELBA, AL

LOCATION.--Lat 31°24'48", long 86°03'47", in SW¹/₄SE¹/₄ sec. 8, T. 5 N., R. 20 E., Coffee County, Hydrologic Unit 03140202, on downstream side of bridge on U.S. Highway 84 in Elba, 0.2 mi downstream from Whitewater Creek, 4.5 mi upstream from Elba Dam, and at mile 61.8.

DRAINAGE AREA.--959 mi².

PERIOD OF RECORD.--February 1930 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. February 1930 to December 1971 collected by National Weather Service and published in "Daily River Stages" reports of National Weather Service.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Nonrecording gage. Datum of gage is 159.24 ft above sea level. Prior to June 19, 1934, at datum 0.1 ft lower.

REMARKS.--Stage affected by operation of hydroelectric plant at Elba Dam.

COOPERATION.--Remote telemetry records provided by National Weather Service.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 43.28 ft, (from highwater marks), Mar. 17, 1990; minimum gage height, 0.5 ft, May 14, 15, 1932.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached a stage of 43.5 ft from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.70 ft, Mar. 4; minimum gage height, 2.01 ft, Oct. 27-31.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.36	2.03	3.25	9.65	6.73	5.41	8.09	3.50	3.58	7.06	5.79	4.46
2	2.28	2.04	3.12	7.98	6.27	5.37	7.60	3.39	3.45	7.01	5.82	6.10
3	2.22	2.03	3.00	7.13	5.86	14.52	7.32	3.28	3.33	6.86	5.33	6.20
4	2.17	2.04	2.94	6.08	5.58	22.42	12.62	3.19	3.02	6.99	4.59	7.11
5	2.13	2.04	2.87	5.20	5.08	20.24	16.16	3.08	4.20	7.03	3.86	7.01
6	2.24	2.05	2.83	4.84	4.64	19.10	14.82	2.97	3.91	7.03	6.14	7.00
7	2.34	2.14	2.82	4.61	4.38	21.96	12.87	2.87	2.54	6.40	8.42	6.91
8	2.33	2.33	2.80	4.46	4.22	17.91	12.25	2.78	2.06	6.02	8.59	6.54
9	2.30	3.15	2.80	4.36	4.11	10.94	9.79	2.71	2.71	5.85	7.99	6.17
10	2.22	3.94	2.80	4.24	4.57	8.91	8.32	2.68	6.48	5.61	7.74	5.92
11	2.17	4.00	2.81	4.17	5.14	7.82	7.40	2.64	8.08	5.38	7.73	5.64
12	2.15	3.89	2.81	4.21	5.11	10.67	6.73	2.82	11.04	5.32	7.03	5.15
13	2.14	3.49	2.80	4.18	4.81	17.26	6.28	3.04	10.79	5.22	6.66	4.61
14	2.13	3.26	3.59	4.11	4.55	13.89	5.99	3.03	10.70	5.49	6.46	4.28
15	2.12	3.03	4.19	4.05	4.39	13.66	5.79	2.78	9.75	5.62	6.44	3.82
16	2.12	2.89	4.43	4.30	4.29	12.78	5.68	2.59	8.91	5.12	6.33	3.22
17	2.12	3.07	5.14	5.29	4.27	11.74	5.45	2.56	8.75	4.47	6.10	3.06
18	2.10	3.27	5.01	5.28	4.20	10.29	5.23	2.46	8.20	3.56	6.10	3.13
19	2.09	3.70	4.75	5.38	4.09	9.99	4.99	2.34	7.70	2.63	6.01	3.28
20	2.08	4.17	4.56	6.68	4.00	17.60	4.74	2.61	7.64	3.19	6.29	3.38
21	2.07	4.03	4.27	6.45	3.94	15.87	4.55	2.56	7.24	3.50	6.04	3.42
22	2.07	3.79	4.13	6.10	4.03	14.27	4.52	2.44	6.89	3.06	5.76	3.39
23	2.05	3.52	4.07	5.62	4.11	14.11	4.43	2.90	6.99	3.05	5.36	4.67
24	2.04	3.36	3.93	5.28	4.11	13.77	4.32	3.50	7.45	3.13	4.77	6.01
25	2.03	3.90	3.79	4.96	4.29	10.63	4.35	3.54	7.16	3.67	4.07	6.15
26	2.02	4.26	3.67	4.64	6.29	9.26	4.30	3.06	6.89	3.47	3.23	5.98
27	2.02	4.30	3.55	4.41	5.28	8.38	4.27	2.75	6.75	4.00	2.55	4.33
28	2.01	4.06	5.93	4.25	5.21	7.62	4.12	2.65	6.46	5.10	2.83	2.94
29	2.02	3.73	10.78	4.15	---	8.04	3.89	2.62	6.07	5.56	4.56	3.59
30	2.02	3.45	10.46	6.34	---	8.82	3.67	2.68	6.94	6.00	3.94	2.62
31	2.01	---	11.15	6.91	---	8.41	---	2.53	---	5.76	3.08	---
MEAN	2.13	3.23	4.36	5.33	4.77	12.63	7.02	2.86	6.52	5.10	5.66	4.87
MAX	2.36	4.30	11.15	9.65	6.73	22.42	16.16	3.54	11.04	7.06	8.59	7.11
MIN	2.01	2.03	2.80	4.05	3.94	5.37	3.67	2.34	2.06	2.63	2.55	2.62
CAL YR 2000	MEAN 3.24		MAX 11.15		MIN 1.85							
WTR YR 2001	MEAN 5.38		MAX 22.42		MIN 2.01							

BLACKWATER RIVER BASIN
BLACKWATER RIVER MAIN STEM

02369800 BLACKWATER RIVER NEAR BRADLEY, AL
 (Hydrologic Bench-Mark Station)

LOCATION.--Lat 31°01'39", long 86°42'36", in SE¹/₄SW¹/₄ sec. 24, T. 1 N., R. 13 E., Escambia County, Hydrologic Unit 03140104, in Conecuh National Forest, near left bank on downstream side of bridge on county road, and 1 mi east of Bradley.

DRAINAGE AREA.--87.7 mi².

PERIOD OF RECORD.--October 1967 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 121.87 ft above sea level.

REMARKS.--No estimated daily discharges. Water-discharge records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	21	50	87	109	47	126	44	36	55	57	128
2	24	21	47	75	85	57	104	42	36	48	45	135
3	23	21	45	68	73	171	91	41	33	43	38	127
4	23	21	43	64	66	1140	190	40	31	40	34	97
5	23	21	42	61	62	626	396	38	29	39	32	90
6	25	26	45	58	57	314	322	37	29	45	77	88
7	29	30	41	55	57	195	206	36	28	39	88	73
8	25	39	40	53	52	141	145	35	28	37	70	68
9	24	129	40	51	50	118	116	39	33	32	83	61
10	24	109	39	49	81	120	99	45	38	30	62	53
11	24	62	39	49	88	103	88	38	409	30	50	49
12	23	45	39	57	70	183	79	35	970	37	49	47
13	23	40	37	54	62	522	72	33	404	46	59	44
14	23	55	114	51	58	422	71	31	225	38	91	41
15	22	46	125	49	56	399	81	30	177	32	92	39
16	22	43	140	67	55	384	81	29	123	28	58	37
17	22	104	160	95	55	266	71	27	87	27	50	35
18	22	98	109	79	50	187	63	26	68	26	90	35
19	21	203	108	100	46	164	59	49	57	27	370	35
20	22	165	99	260	45	331	56	239	50	27	603	36
21	22	94	84	215	44	386	53	196	61	37	365	35
22	21	69	102	121	48	293	51	98	65	41	160	33
23	21	59	89	91	47	205	49	75	65	32	93	32
24	21	62	77	78	44	154	55	57	53	30	70	34
25	20	179	69	70	43	131	124	47	45	53	61	36
26	20	129	64	65	47	116	83	42	42	46	54	34
27	21	84	61	61	45	101	63	40	39	54	49	32
28	20	68	151	58	41	96	54	39	39	93	55	31
29	21	60	282	56	---	169	50	45	82	68	129	30
30	21	54	205	165	---	211	47	39	63	47	153	29
31	22	---	114	165	---	163	---	37	---	56	110	---
TOTAL	699	2157	2700	2627	1636	7915	3145	1649	3445	1283	3397	1644
MEAN	22.5	71.9	87.1	84.7	58.4	255	105	53.2	115	41.4	110	54.8
MAX	29	203	282	260	109	1140	396	239	970	93	603	135
MIN	20	21	37	49	41	47	47	26	28	26	32	29
CFSM	.26	.82	.99	.97	.67	2.91	1.20	.61	1.31	.47	1.25	.62
IN.	.30	.91	1.15	1.11	.69	3.36	1.33	.70	1.46	.54	1.44	.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2001, BY WATER YEAR (WY)

MEAN	93.8	108	137	183	204	263	165	135	137	113	110	112
MAX	516	438	528	414	428	1207	491	591	749	571	560	675
(WY)	1996	1990	1973	1978	1985	1990	1980	1978	1970	1994	1975	1998
MIN	22.5	39.5	59.9	56.1	58.4	51.7	39.5	25.3	22.2	26.2	35.5	25.6
(WY)	2001	1982	1988	1981	2001	2000	2000	2000	1968	2000	2000	1968

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1968 - 2001

	2000	2001	1968-2001
ANNUAL TOTAL	17568	32297	
ANNUAL MEAN	48.0	88.5	
HIGHEST ANNUAL MEAN			147
LOWEST ANNUAL MEAN			281
HIGHEST DAILY MEAN	282	1140	45.7
LOWEST DAILY MEAN	17	20	16000
ANNUAL SEVEN-DAY MINIMUM	18	21	17
MAXIMUM PEAK FLOW		1530	18
MAXIMUM PEAK STAGE		11.27	24000
ANNUAL RUNOFF (CFSM)	.55	1.01	25.35
ANNUAL RUNOFF (INCHES)	7.45	13.70	1.67
10 PERCENT EXCEEDS	89	173	22.70
50 PERCENT EXCEEDS	38	54	274
90 PERCENT EXCEEDS	21	26	84
			38

ESCAMBIA RIVER BASIN
ESCAMBIA RIVER MAIN STEM
02371500 CONECUH RIVER AT BRANTLEY, AL

LOCATION.--Lat 31°34'24", long 86°15'06", in SW 1/4 SE 1/4 sec. 16, T. 7 N., R. 18 E., Crenshaw County, Hydrologic Unit 03140301, on left bank 10 ft upstream from bridge on U.S. Highway 331 and State Highway 52, 0.5 mi downstream from Moody Mill Creek, 0.8 mi southeast of Brantley, and at mile 112.3.

DRAINAGE AREA.--500 mi².

PERIOD OF RECORD.--October 1937 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 226.2 ft above sea level (levels by the U.S. Army Corps of Engineers). Prior to Nov. 1, 1938, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1900, about 26 ft, present site and datum, March 1929, from information by local residents; discharge not determined.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	20	80	1070	795	534	1350	229	93	289	62	84
2	28	20	74	1280	804	558	1360	207	79	297	61	129
3	26	20	65	1580	840	2190	1440	190	70	406	53	351
4	24	21	61	1500	845	5380	2020	175	65	385	48	243
5	22	21	58	1040	724	9280	2650	160	60	341	46	235
6	24	21	54	601	562	15900	3790	148	56	290	178	389
7	24	24	52	455	442	10400	4640	137	54	245	646	316
8	24	27	50	392	380	5620	4010	128	57	193	948	214
9	23	44	50	363	345	3660	3090	122	80	168	976	161
10	23	84	50	351	421	2560	2370	118	278	140	983	130
11	23	129	50	334	493	1880	1810	119	670	121	723	110
12	23	110	51	326	521	2080	1410	115	2300	107	490	96
13	22	84	50	316	522	3190	1040	116	2400	104	381	87
14	21	67	79	301	497	2720	823	116	1940	156	355	80
15	21	56	109	288	439	2360	716	108	1870	166	309	73
16	21	51	213	310	403	2820	651	100	1580	157	251	67
17	21	53	205	410	393	3390	625	92	1150	116	224	62
18	21	62	222	475	375	3010	564	83	908	94	315	58
19	21	94	203	547	351	3040	519	76	695	82	707	56
20	20	99	172	814	323	4520	466	74	742	71	378	56
21	20	107	172	925	304	4620	420	71	651	69	259	57
22	20	101	166	933	315	4890	381	75	391	66	194	55
23	20	83	159	953	320	6150	353	85	359	62	150	52
24	20	74	159	1000	290	4800	325	122	494	59	123	50
25	19	86	143	957	324	3670	323	131	582	67	106	49
26	19	118	131	688	507	2770	400	114	635	94	94	49
27	19	151	123	513	468	2120	386	103	524	68	85	47
28	20	121	322	422	564	1700	350	92	332	67	78	45
29	20	95	770	377	---	1500	304	100	259	71	72	44
30	20	83	935	618	---	1440	260	90	381	83	68	42
31	20	---	1000	783	---	1380	---	87	---	73	69	---
TOTAL	680	2126	6028	20922	13567	120132	38846	3683	19755	4707	9432	3487
MEAN	21.9	70.9	194	675	485	3875	1295	119	658	152	304	116
MAX	31	151	1000	1580	845	15900	4640	229	2400	406	983	389
MIN	19	20	50	288	290	534	260	71	54	59	46	42
CFSM	.04	.14	.39	1.35	.97	7.75	2.59	.24	1.32	.30	.61	.23
IN.	.05	.16	.45	1.56	1.01	8.94	2.89	.27	1.47	.35	.70	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2001, BY WATER YEAR (WY)

	MEAN	229	344	648	952	1175	1559	1146	555	373	400	321	234
MAX	1794	2702	2695	2782	2922	4000	4033	2646	2163	3291	2683	1721	
(WY)	1976	1949	1954	1943	1961	1944	1944	1953	1989	1994	1939	1961	
MIN	21.9	63.1	106	154	276	206	134	58.3	32.2	32.2	23.5	27.6	
(WY)	2001	1955	1955	1981	2000	1955	1967	2000	2000	2000	2000	1954	

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1938 - 2001

ANNUAL TOTAL	63804	243365	
ANNUAL MEAN	174	667	659
HIGHEST ANNUAL MEAN			1193
LOWEST ANNUAL MEAN			192
HIGHEST DAILY MEAN	1640	15900	23100
LOWEST DAILY MEAN	14	19	14
ANNUAL SEVEN-DAY MINIMUM	15	20	15
MAXIMUM PEAK FLOW		16900	25700
MAXIMUM PEAK STAGE		22.59	24.51
ANNUAL RUNOFF (CFSM)	.35	1.33	1.32
ANNUAL RUNOFF (INCHES)	4.75	18.11	17.91
10 PERCENT EXCEEDS	458	1830	1470
50 PERCENT EXCEEDS	56	178	332
90 PERCENT EXCEEDS	21	27	71

ESCAMBIA RIVER BASIN

02372250 PATSALIGA CREEK NEAR BRANTLEY, AL

LOCATION.--Lat 31°35'46", long 86°24'20", in SE¹/₄NE¹/₄ sec. 12, T. 7 N., R. 16 E., Crenshaw County, Hydrologic Unit 03140302, near left bank on downstream side of bridge on State Highway 106, 3.0 mi north of Leon, and 10.9 mi northwest of Brantley.

DRAINAGE AREA.--442 mi².

PERIOD OF RECORD.--October 1974 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 220 ft above sea level, from topographic map.

REMARKS.--Estimated daily discharges: Feb. 27, 28. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	16	132	1840	948	717	1520	296	133	331	103	140
2	30	17	115	2120	1020	775	1610	272	116	520	148	379
3	29	17	105	1750	1070	2080	1650	254	109	502	94	386
4	27	17	97	816	1010	7900	2040	238	99	351	70	321
5	27	17	91	546	687	18000	2450	221	91	267	62	317
6	27	18	86	470	506	14000	4080	207	89	285	300	381
7	26	23	84	428	446	6180	4980	194	88	242	653	392
8	26	57	83	404	414	3440	3390	181	85	198	861	248
9	29	126	83	409	388	2350	2380	173	149	167	1220	186
10	28	339	84	415	472	1600	1670	169	585	142	933	151
11	25	350	87	408	605	971	1050	175	773	125	516	124
12	23	255	89	390	649	1340	779	170	1700	120	531	104
13	22	163	88	371	643	2560	642	164	1940	171	707	90
14	21	117	154	356	588	2480	568	155	1940	183	521	81
15	20	93	408	348	492	2700	512	141	1600	134	346	74
16	19	82	487	368	470	3990	493	130	1240	112	250	68
17	19	97	514	496	462	3620	483	121	799	97	204	62
18	18	155	442	593	431	3760	447	112	504	85	271	61
19	18	181	349	778	395	3230	394	105	381	76	555	70
20	18	210	312	1370	367	3120	347	105	322	70	363	67
21	17	239	285	1210	352	3330	323	100	277	81	262	66
22	17	209	269	1150	429	6070	303	99	236	79	213	62
23	16	176	287	1170	428	6400	281	106	409	90	168	57
24	16	149	286	1200	366	3770	261	145	420	79	134	54
25	16	187	271	993	382	2660	290	141	387	72	113	53
26	16	280	243	657	530	2000	491	125	312	89	97	51
27	17	277	213	509	e500	1500	636	118	241	83	85	50
28	16	242	376	451	e600	1160	541	110	199	80	78	48
29	16	198	1190	424	---	1180	402	204	176	79	79	45
30	16	159	1360	807	---	1520	333	250	205	72	73	43
31	17	---	1610	932	---	1500	---	174	---	73	73	---
TOTAL	665	4466	10280	24179	15650	115903	35346	5155	15605	5055	10083	4231
MEAN	21.5	149	332	780	559	3739	1178	166	520	163	325	141
MAX	33	350	1610	2120	1070	18000	4980	296	1940	520	1220	392
MIN	16	16	83	348	352	717	261	99	85	70	62	43
CFSM	.05	.34	.75	1.76	1.26	8.46	2.67	.38	1.18	.37	.74	.32
IN.	.06	.38	.87	2.03	1.32	9.75	2.97	.43	1.31	.43	.85	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	MEAN	275	354	581	889	1116	1516	908	494	378	342	244	249
MAX	1790	1763	1682	2021	2505	4627	2232	1841	1591	1885	1396	1628	
(WY)	1976	1993	1998	1978	1975	1990	1980	1976	1989	1994	1975	1975	
MIN	21.5	75.1	171	162	269	533	202	45.7	22.8	25.4	43.0	40.5	
(WY)	2001	1991	1991	1981	2000	2000	2000	2000	2000	2000	2000	1990	

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1975 - 2001

ANNUAL TOTAL	61773	246618	610
ANNUAL MEAN	169	676	1084
HIGHEST ANNUAL MEAN			1975
LOWEST ANNUAL MEAN			169
HIGHEST DAILY MEAN	1610	18000	34000
LOWEST DAILY MEAN	11	16	11
ANNUAL SEVEN-DAY MINIMUM	13	16	13
MAXIMUM PEAK FLOW		20600	43600
MAXIMUM PEAK STAGE		22.94	25.67
ANNUAL RUNOFF (CFSM)	.38	1.53	1.38
ANNUAL RUNOFF (INCHES)	5.20	20.76	18.75
10 PERCENT EXCEEDS	421	1610	1410
50 PERCENT EXCEEDS	83	261	304
90 PERCENT EXCEEDS	17	30	68

e Estimated

ESCAMBIA RIVER BASIN

ESCAMBIA RIVER MAIN STEM

02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL

LOCATION.—Lat 31°21'40", long 86°31'11", in NE 1/4 sec. 35, T. 5 N., R. 15 E., Covington County, Hydrologic Unit 03140301, on right bank wingwall of Point A Dam, 1.65 mi upstream of U.S. Highway 84 bridge, 1.4 mi northeast of River Falls, 4 mi northwest of Andalusia, and at mile 79.50.

DRAINAGE AREA.—1,273 mi².

PERIOD OF RECORD.—June 1999 to current year. National Weather Service gage located at bridge 1.65 mi downstream. This station, "Conecuh River at River Falls," 02372430 was operated as an observer site from 1928 to 1996. Gage height records published in reports of National Weather Service for period November 1928 to December 1971 and reports of Geological Survey for period January 1972 to September 1996. NWS gage was to same datum as current site.

GAGE.—Water-stage recorder. Elevation of gage is 120.80 ft above sea level.

REMARKS.—No estimated daily discharges. Records good. Gage is located downstream of Point A Dam. Generally, flows less than 2,500 ft³/s can be regulated by operation of Point A Dam. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of March 15, 1929 reached a stage of 52.5 ft and flood of March 18, 1990 reached a stage of 48.0 ft at "Conecuh River at River Falls" 02372430 site located 1.65 mi downstream. Gage readings are to datum of current gage at dam.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76	85	240	2670	2040	2080	3310	755	415	783	506	617
2	85	87	411	2730	2050	2030	3220	824	413	1140	287	881
3	83	87	325	2870	1880	9190	3180	608	346	978	330	1090
4	261	86	323	3380	2110	15800	4880	722	255	950	448	986
5	297	88	369	1740	1850	17000	6550	623	397	1170	594	1120
6	261	87	82	1470	1440	21500	7240	727	244	731	1290	917
7	168	146	222	1190	1110	30100	6920	430	276	540	1420	1280
8	252	335	233	832	1150	19400	10000	476	484	892	1840	1080
9	74	259	93	752	799	14700	9460	660	1110	457	2580	668
10	225	254	420	1150	1330	9850	6910	414	1130	665	2450	785
11	89	392	81	718	1440	5700	4710	697	2460	349	2000	498
12	89	597	316	844	1410	5600	3150	467	3900	562	1760	376
13	89	393	250	769	1200	8090	2450	319	5270	188	1580	714
14	91	334	764	706	1350	9450	1950	348	5430	494	1380	254
15	135	259	600	952	1220	7990	1430	286	4590	343	1100	273
16	503	301	976	1010	1050	7580	1730	444	4110	476	1040	308
17	87	498	950	806	1050	7280	1350	572	2740	461	900	390
18	86	336	721	1200	848	7990	1660	290	1790	285	1740	211
19	86	429	1200	2230	1160	7840	835	433	1440	408	1230	303
20	90	632	575	2990	876	10300	1220	576	1460	182	1510	457
21	86	400	664	2660	857	11300	1130	340	1300	865	933	316
22	89	412	714	2280	710	10700	1200	336	1350	517	861	127
23	85	418	681	2200	955	10300	779	501	543	224	620	384
24	87	474	273	2220	934	13600	1160	105	1250	294	602	354
25	87	539	781	2160	1010	11300	742	453	1160	324	273	327
26	86	631	365	1860	1280	8930	982	450	1040	337	616	183
27	90	484	668	1310	1260	6660	1180	563	1010	288	397	277
28	88	453	1440	1110	1740	4550	1310	127	771	490	338	294
29	90	539	1930	922	---	3960	891	786	961	533	291	197
30	87	533	2520	2040	---	4010	788	612	616	265	399	73
31	84	---	2100	2220	---	3750	---	462	---	102	377	---
TOTAL	4086	10568	21287	51991	36109	308530	92317	15406	48261	16293	31692	15740
MEAN	132	352	687	1677	1290	9953	3077	497	1609	526	1022	525
MAX	503	632	2520	3380	2110	30100	10000	824	5430	1170	2580	1280
MIN	74	85	81	706	710	2030	742	105	244	102	273	73
CFSM	.10	.28	.54	1.32	1.01	7.82	2.42	.39	1.26	.41	.80	.41
IN.	.12	.31	.62	1.52	1.06	9.02	2.70	.45	1.41	.48	.93	.46

ESCAMBIA RIVER BASIN

ESCAMBIA RIVER MAIN STEM

02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

MEAN	220	329	639	1254	981	5644	1837	320	850	1160	510	275
MAX	308	352	687	1677	1290	9953	3077	497	1609	2893	1022	525
(WY)	2000	2001	2001	2001	2001	2001	2001	2001	2001	1999	2001	2001
MIN	132	306	590	830	684	1335	597	143	91.0	62.0	75.2	125
(WY)	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR					FOR 2001 WATER YEAR			WATER YEARS 1999 - 2001			
ANNUAL TOTAL	155950					652280						
ANNUAL MEAN	426					1787			1107			
HIGHEST ANNUAL MEAN									1787			
LOWEST ANNUAL MEAN									429			2001
HIGHEST DAILY MEAN	2660					30100			30100			
LOWEST DAILY MEAN	19					73			19			
ANNUAL SEVEN-DAY MINIMUM	24					86			24			
MAXIMUM PEAK FLOW						32100			32100			
MAXIMUM PEAK STAGE						42.58			42.58			
ANNUAL RUNOFF (CFSM)	.33					1.40			.87			
ANNUAL RUNOFF (INCHES)	4.56					19.06			11.82			
10 PERCENT EXCEEDS	1070					4570			2220			
50 PERCENT EXCEEDS	249					727			456			
90 PERCENT EXCEEDS	24					127			45			

ESCAMBIA RIVER BASIN

ESCAMBIA RIVER MAIN STEM

02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL--Continued

**GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.29	7.32	7.59	10.66	10.00	10.04	11.34	8.49	7.89	8.46	8.00	8.13
2	7.31	7.32	7.85	10.72	10.00	9.98	11.25	8.57	7.82	8.93	7.67	8.53
3	7.31	7.32	7.73	10.88	9.82	20.27	11.21	8.21	7.77	8.77	7.74	8.77
4	7.59	7.32	7.72	11.43	10.07	31.24	13.37	8.36	7.61	8.74	7.96	8.78
5	7.68	7.32	7.80	9.66	9.78	33.31	15.82	8.23	7.86	9.02	8.18	8.94
6	7.62	7.32	7.31	9.34	9.34	37.92	16.90	8.36	7.61	8.38	9.07	8.70
7	7.46	7.43	7.55	9.03	8.83	41.96	16.40	7.91	7.65	8.09	9.23	9.13
8	7.60	7.72	7.57	8.50	8.91	37.22	21.43	7.99	8.00	8.57	9.78	8.84
9	7.29	7.62	7.33	8.32	8.41	29.39	20.50	8.29	8.80	7.97	10.57	8.21
10	7.55	7.61	7.82	8.95	9.20	21.15	16.40	7.89	8.94	8.24	10.43	8.37
11	7.33	7.83	7.30	8.32	9.33	14.55	13.19	8.36	10.44	7.79	9.94	8.02
12	7.33	8.16	7.66	8.61	9.27	14.59	11.18	7.93	12.03	8.05	9.69	7.83
13	7.32	7.85	7.59	8.49	8.86	18.27	10.42	7.69	13.86	7.49	9.49	8.43
14	7.33	7.74	8.47	8.30	9.09	20.47	9.89	7.78	14.10	7.95	9.24	7.61
15	7.39	7.58	8.15	8.70	9.08	18.11	9.30	7.67	12.87	7.73	8.85	7.59
16	7.96	7.69	8.63	8.82	8.84	17.45	9.64	7.94	12.26	8.01	8.85	7.70
17	7.32	7.99	8.57	8.40	8.84	16.96	9.21	8.15	10.74	7.91	8.57	7.84
18	7.32	7.75	8.34	8.95	8.50	18.11	9.57	7.68	9.72	7.63	9.66	7.53
19	7.32	7.90	8.98	10.20	9.00	17.87	8.60	7.92	9.32	7.82	8.96	7.70
20	7.33	8.17	8.11	11.00	8.55	21.97	8.95	8.16	9.35	7.49	9.34	7.96
21	7.32	7.86	8.17	10.65	8.45	23.51	8.91	7.72	9.11	8.52	8.72	7.72
22	7.33	7.87	8.27	10.25	8.30	22.55	9.04	7.76	9.19	8.07	8.53	7.39
23	7.32	7.89	8.26	10.16	8.70	21.83	8.46	8.04	8.09	7.53	8.16	7.82
24	7.32	7.95	7.59	10.18	8.62	27.54	8.97	7.37	9.11	7.65	8.15	7.78
25	7.32	8.00	8.36	10.12	8.67	23.59	8.37	7.94	8.99	7.74	7.64	7.68
26	7.32	8.24	7.74	9.79	9.00	19.64	8.74	7.94	8.86	7.76	8.23	7.46
27	7.33	8.00	8.20	9.17	9.13	16.00	9.02	8.04	8.82	7.68	7.83	7.62
28	7.32	7.91	9.22	8.92	9.66	12.87	9.18	7.39	8.37	7.96	7.76	7.68
29	7.33	8.09	9.87	8.61	---	12.08	8.63	8.52	8.71	8.08	7.67	7.50
30	7.32	7.99	10.50	9.99	---	12.16	8.50	8.21	8.13	7.65	7.82	7.28
31	7.31	---	10.06	10.19	---	11.86	---	7.96	---	7.35	7.77	---
MEAN	7.39	7.76	8.20	9.53	9.08	21.11	11.41	8.02	9.40	8.03	8.69	8.02
MAX	7.96	8.24	10.50	11.43	10.07	41.96	21.43	8.57	14.10	9.02	10.57	9.13
MIN	7.29	7.32	7.30	8.30	8.30	9.98	8.37	7.37	7.61	7.35	7.64	7.28
CAL YR 2000	MEAN 7.94		MAX 10.65		MIN 7.29							
WTR YR 2001	MEAN 9.73		MAX 41.96		MIN 7.28							

ESCAMBIA RIVER BASIN

02373000 SEPULGA RIVER NEAR MCKENZIE, AL

LOCATION.--Lat 31°27'13", long 86°47'13", in SE 1/4 SE 1/4 sec. 30, T. 6 N., R. 13 E., Conecuh County, Hydrologic Unit 03140303, on left bank 100 ft downstream from bridge on U.S. Highway 31, 0.38 mi upstream from Old Town Creek, 2.5 mi upstream from Piney Woods Creek, 5.5 mi downstream from Persimmon Creek, and 7 mi southwest of McKenzie.

DRAINAGE AREA.--470 mi².

PERIOD OF RECORD.--October 1937 to September 1967, October 1968 to September 1970 (annual peak discharge only), October 1974 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Recording gage. Datum of gage is 155.96 ft above sea level (levels by the U.S. Army Corps of Engineers). Prior to Mar. 25, 1939, nonrecording gage, and Mar. 26, 1939, to July 29, 1960, recording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached a stage of 33.0 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.0	3.2	73	1140	1500	2100	1450	485	1170	948	440	283
2	7.4	3.2	62	963	1110	2130	1240	461	1140	1450	543	397
3	7.0	3.2	53	571	734	4690	1060	444	781	1660	319	440
4	6.0	3.0	47	336	455	15100	1220	430	615	1050	285	553
5	5.4	2.9	43	277	365	26000	2480	419	531	972	296	448
6	6.4	3.5	40	243	313	19700	3620	407	487	1330	445	393
7	7.5	29	39	217	272	12600	4700	395	477	878	468	764
8	8.7	35	37	205	241	6800	3360	385	453	654	651	613
9	7.2	38	36	198	216	3080	2590	384	954	500	1160	442
10	6.2	37	36	203	346	1940	1760	380	1870	434	1360	545
11	5.5	45	35	205	533	1490	1200	385	2530	389	984	396
12	5.2	71	35	193	578	2190	1030	401	4340	347	995	293
13	5.1	66	35	179	456	4680	925	510	8810	434	1200	258
14	5.0	55	101	177	347	7250	849	439	9340	365	1030	223
15	4.6	42	410	182	298	7850	797	398	6610	321	861	194
16	4.3	37	539	220	272	7260	759	374	4310	318	713	179
17	4.2	49	420	390	254	6930	711	355	4230	287	589	165
18	4.2	42	314	763	237	4690	678	340	2420	259	706	173
19	3.9	54	244	739	217	3320	646	331	1120	240	496	243
20	4.1	75	192	1540	200	3490	597	327	795	227	411	194
21	4.2	109	175	2050	186	4030	567	319	653	249	341	198
22	4.4	122	179	1410	180	4010	549	320	658	236	289	237
23	4.4	105	184	1040	184	3360	531	330	658	235	261	201
24	3.9	94	210	698	181	2960	517	313	780	232	234	180
25	3.6	124	195	465	221	2610	537	307	586	213	209	169
26	3.2	178	164	378	1100	2370	861	354	483	200	191	150
27	3.2	210	142	327	963	1880	761	370	437	198	177	141
28	3.3	162	263	291	1690	1580	715	391	403	192	168	136
29	3.4	125	1370	281	---	1430	586	885	403	206	157	134
30	3.3	93	2060	836	---	1540	521	3010	767	199	149	129
31	3.4	---	1420	1870	---	1600	---	2300	---	227	152	---
TOTAL	156.2	2016.0	9153	18587	13649	170660	37817	16949	58811	15450	16280	8871
MEAN	5.04	67.2	295	600	487	5505	1261	547	1960	498	525	296
MAX	8.7	210	2060	2050	1690	26000	4700	3010	9340	1660	1360	764
MIN	3.2	2.9	35	177	180	1430	517	307	403	192	149	129
CFSM	.01	.14	.63	1.28	1.04	11.7	2.68	1.16	4.17	1.06	1.12	.63
IN.	.01	.16	.72	1.47	1.08	13.51	2.99	1.34	4.65	1.22	1.29	.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2001, BY WATER YEAR (WY)

	200	306	591	997	1274	1738	1192	511	362	351	289	204
MAX	2449	3381	2779	3332	4255	5505	4418	2271	1960	2674	2227	1188
(WY)	1999	1949	1954	1946	1961	2001	1944	1978	2001	1994	1939	1946
MIN	5.04	15.9	40.8	72.5	142	106	121	30.6	19.2	12.5	11.1	4.71
(WY)	2001	1955	1955	1956	1950	1955	1967	2000	2000	2000	1954	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1938 - 2001

ANNUAL TOTAL	42341.9	368399.2	665
ANNUAL MEAN	116	1009	1314
HIGHEST ANNUAL MEAN			1946
LOWEST ANNUAL MEAN			108
HIGHEST DAILY MEAN	2060	26000	29700
LOWEST DAILY MEAN	2.6	2.9	2.6
ANNUAL SEVEN-DAY MINIMUM	3.2	3.2	3.2
MAXIMUM PEAK FLOW		27000	32800
MAXIMUM PEAK STAGE		25.73	27.19
INSTANTANEOUS LOW FLOW		2.9	2.9
ANNUAL RUNOFF (CFSM)	.25	2.15	1.41
ANNUAL RUNOFF (INCHES)	3.35	29.16	19.22
10 PERCENT EXCEEDS	284	2230	1680
50 PERCENT EXCEEDS	37	365	208
90 PERCENT EXCEEDS	5.0	8.4	37

ESCAMBIA RIVER BASIN

02374250 (NWS 01-1084-07) CONECUH RIVER AT STATE HIGHWAY 41 NEAR BREWTON, AL

LOCATION.--Lat 31°04'01", long 86°03'42", in SW¹/₄NE¹/₄ sec. 9, T. 1 N., R. 10 E., Escambia County, Hydrologic Unit 03140304, on downstream side of bridge on State Highway 41, 1.0 mi south of East Brewton, 2.7 mi upstream from Murder Creek, and at mile 10.1.

DRAINAGE AREA.--2,661 mi².

PERIOD OF RECORD.--April 1999 to current year. February 1929 to September 1997 (gage heights only). October 1971 to September 1997, April 1999 to current year in reports of Geological Survey. July 1930 to December 1971 collected by National Weather Service and published in "Daily River Stages: reports of National Weather Service."

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-level recorder. Datum of gage is 43.10 ft above sea level. Gage datum changed from 53.10 ft in 1999 water year.

REMARKS.--Estimated daily discharges: Mar. 3, 4, June 20 to July 10. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached a gage height of 46.6 ft and flood of March 21, 1990 reached a gage height of 35.04 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	424	227	879	4940	5550	3890	8010	2130	3090	e2400	1380	1760
2	319	236	892	4720	5090	5640	7220	1950	2110	e2600	1290	2030
3	254	232	763	4780	4360	e8500	6550	1930	1870	e2600	1400	2390
4	237	230	717	4710	3890	e18500	6650	1680	1590	e2400	1230	2880
5	227	235	678	4170	3420	24500	9180	1680	1310	e2300	1090	3800
6	271	247	635	3060	3140	26000	11100	1690	1200	e2500	1270	3080
7	365	253	609	2420	2560	29300	12100	1480	1150	e2500	2530	3320
8	385	259	502	1950	2190	45000	12900	1600	1050	e2300	3120	4980
9	329	446	449	1690	1980	56600	13900	1380	1160	e1800	3740	4160
10	330	696	473	1520	1900	50300	14200	1330	1650	e1500	4720	3230
11	300	798	479	1530	2710	35100	12600	1560	4040	1700	5260	2630
12	274	601	555	1520	2900	22400	9470	1320	7680	1580	5190	2330
13	287	659	471	1420	2730	15800	6690	1440	10200	1360	5210	1900
14	241	807	547	1370	2670	15700	5850	1330	11700	1450	4680	1770
15	236	716	754	1310	2470	17400	4800	1280	13400	1190	4200	1660
16	241	648	1370	1510	2380	18600	4200	1290	14300	1250	3610	1460
17	249	665	1550	1990	2020	18800	4050	1130	12900	1170	2820	1370
18	433	828	1830	2390	1990	18300	3480	1140	10700	1150	3140	1300
19	334	1030	1710	2800	1840	17400	3290	1200	8000	1130	4890	1330
20	261	1010	1590	5430	1700	16600	2930	1100	e5500	997	5910	1390
21	238	1020	1470	6990	1710	16500	2910	1220	e5000	1190	5080	1360
22	235	987	1200	6810	1590	16900	2690	1270	e4500	2010	3430	1350
23	229	839	1310	5620	1600	17000	2630	1150	e4300	1630	2570	1280
24	228	981	1330	4670	1570	16400	2390	1170	e4000	1310	2210	1200
25	223	1460	1150	4210	1780	16100	2440	1210	e3500	1090	1900	1210
26	222	1510	1140	3630	2140	16500	2520	955	e3000	1170	1760	1220
27	221	1310	1060	3200	3080	15600	2330	1080	e2700	1150	1450	1170
28	221	1320	1330	2570	3280	12800	2620	1200	e2500	1220	1490	1060
29	227	1060	2710	2220	---	10200	2770	1540	e2300	1180	1790	1060
30	224	1020	4370	2730	---	8850	2390	1520	e2100	1260	1880	1080
31	222	---	5370	4630	---	8390	---	2850	---	1490	1710	---
TOTAL	8487	22330	39893	102510	74240	619570	184860	44805	148500	50577	91950	60760
MEAN	274	744	1287	3307	2651	19990	6162	1445	4950	1632	2966	2025
MAX	433	1510	5370	6990	5550	56600	14200	2850	14300	2600	5910	4980
MIN	221	227	449	1310	1570	3890	2330	955	1050	997	1090	1060
CFSM	.10	.28	.48	1.24	1.00	7.51	2.32	.54	1.86	.61	1.11	.76
IN.	.12	.31	.56	1.43	1.04	8.66	2.58	.63	2.08	.71	1.29	.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

MEAN	545	743	1260	2450	2072	11140	3719	1553	2766	2924	1652	1097
MAX	817	744	1287	3307	2651	19990	6162	2737	4950	6838	2966	2025
(WY)	2000	2001	2001	2001	2001	2001	2001	1999	2001	1999	2001	2001
MIN	274	741	1233	1593	1513	2304	1275	478	366	302	390	382
(WY)	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1999 - 2001	
ANNUAL TOTAL	332329		1448482			
ANNUAL MEAN	908		3968		2457	
HIGHEST ANNUAL MEAN					3968	
LOWEST ANNUAL MEAN					949	
HIGHEST DAILY MEAN	5370	Dec 31	56600	Mar 9	56600	Mar 9 2001
LOWEST DAILY MEAN	217	Jul 20	221	Oct 27, 28	217	Jul 20 2000
ANNUAL SEVEN-DAY MINIMUM	223	Oct 25	223	Oct 25	223	Oct 25 2000
MAXIMUM PEAK FLOW			58100	Mar 9	58100	Mar 9 2001
MAXIMUM PEAK STAGE			30.24	Mar 9	30.24	Mar 9 2001
ANNUAL RUNOFF (CFSM)	.34		1.49		.92	
ANNUAL RUNOFF (INCHES)	4.65		20.25		12.54	
10 PERCENT EXCEEDS	1890		10400		5250	
50 PERCENT EXCEEDS	543		1760		1320	
90 PERCENT EXCEEDS	252		377		316	

e Estimated

ESCAMBIA RIVER BASIN

02374250 (NWS 01-1084-07) CONECUH RIVER AT STATE HIGHWAY 41 NEAR BREWTON, AL--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.30	7.43	9.72	15.84	16.44	14.66	18.73	11.96	13.60	---	10.36	11.21
2	7.86	7.48	9.75	15.62	15.99	16.58	18.04	11.60	11.90	---	10.14	11.76
3	7.57	7.46	9.42	15.67	15.23	19.39	17.44	11.55	11.44	---	10.40	12.44
4	7.48	7.45	9.29	15.60	14.70	25.53	17.53	11.04	10.85	---	10.01	13.26
5	7.43	7.47	9.17	15.03	14.15	26.56	19.66	11.05	10.19	---	9.66	14.60
6	7.64	7.53	9.04	13.64	13.78	26.86	21.17	11.05	9.93	---	10.10	13.60
7	8.06	7.56	8.96	12.72	12.95	27.38	21.87	10.60	9.82	---	12.64	13.88
8	8.15	7.59	8.60	11.94	12.35	29.13	22.38	10.87	9.56	---	13.65	15.91
9	7.91	8.37	8.40	11.48	12.01	30.12	22.96	10.35	9.83	---	14.51	15.01
10	7.92	9.22	8.49	11.14	11.86	29.61	23.11	10.23	10.92	---	15.62	13.82
11	7.78	9.51	8.51	11.15	13.15	28.11	22.17	10.78	14.76	---	16.20	12.85
12	7.66	8.93	8.78	11.15	13.45	26.00	19.89	10.21	18.41	10.80	16.13	12.33
13	7.72	9.12	8.48	10.95	13.20	23.80	17.56	10.51	20.43	10.31	16.14	11.49
14	7.50	9.53	8.75	10.85	13.11	23.75	16.78	10.24	21.55	10.52	15.59	11.23
15	7.48	9.28	9.34	10.71	12.80	24.46	15.72	10.11	22.66	9.91	15.05	10.99
16	7.50	9.08	10.83	11.12	12.66	24.94	15.05	10.14	23.13	10.04	14.35	10.54
17	7.55	9.14	11.20	12.01	12.08	25.01	14.89	9.76	22.33	9.86	13.17	10.34
18	8.33	9.58	11.74	12.67	12.02	24.79	14.18	9.79	20.86	9.81	13.68	10.18
19	7.93	10.09	11.50	13.27	11.75	24.47	13.92	9.92	---	9.75	15.78	10.24
20	7.60	10.06	11.27	16.28	11.48	24.11	13.35	9.69	---	9.42	16.84	10.37
21	7.49	10.07	11.04	17.72	11.50	24.08	13.33	9.98	---	9.90	16.00	10.32
22	7.47	9.99	10.47	17.57	11.27	24.27	12.97	10.11	---	11.69	14.08	10.28
23	7.44	9.62	10.72	16.50	11.29	24.31	12.86	9.79	---	10.91	12.76	10.12
24	7.44	9.96	10.76	15.56	11.11	24.05	12.44	9.87	---	10.18	12.11	9.94
25	7.41	11.01	10.36	15.07	11.25	23.90	12.52	9.95	---	9.65	11.50	9.95
26	7.41	11.12	10.34	14.41	11.96	24.10	12.66	9.31	---	9.85	11.21	9.97
27	7.40	10.72	10.16	13.86	13.58	23.70	12.33	9.64	---	9.81	10.53	9.85
28	7.40	10.74	10.71	12.95	13.89	22.29	12.84	9.92	---	9.98	10.62	9.59
29	7.43	10.17	13.09	12.41	---	20.43	13.10	10.74	---	9.87	11.27	9.58
30	7.42	10.08	15.23	13.18	---	19.41	12.44	10.67	---	10.08	11.46	9.64
31	7.41	---	16.26	15.51	---	19.04	---	13.20	---	10.62	11.10	---
MEAN	7.65	9.18	10.33	13.66	12.89	24.03	16.46	10.47	---	---	12.99	11.51
MAX	8.33	11.12	16.26	17.72	16.44	30.12	23.11	13.20	---	---	16.84	15.91
MIN	7.40	7.43	8.40	10.71	11.11	14.66	12.33	9.31	---	---	9.66	9.58

ESCAMBA RIVER BASIN

02374500 MURDER CREEK NEAR EVERGREEN, AL

LOCATION.—Lat 31°25'06", long 86°59'12", in SW¹/₄NW¹/₄ sec. 8, T. 5 N., R. 11 E., Conecuh County, Hydrologic Unit 03140304, on left bank 30 ft upstream from bridge on U.S. Highway 31, 1 mi upstream from Louisville & Nashville Railroad bridge, 2.5 mi southwest of Evergreen, and at mile 35.6.

DRAINAGE AREA.—176 mi².

PERIOD OF RECORD.—October 1937 to current year.

REVISED RECORDS.—WDR AL-79-1: 1975(P), 1976(P), 1978(P). WDR AL-84-1: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 178.29 ft above sea level (levels by U.S. Army Corps of Engineers). Prior to Mar. 25, 1939, nonrecording gage at same site and datum.

REMARKS.—No estimated daily discharges. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage since 1900, 26.6 ft, present site and datum, March 1929, from information by local residents (discharge not determined).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	44	103	195	352	384	363	146	406	221	306	177
2	40	44	100	158	215	436	317	141	442	217	267	292
3	39	44	98	143	175	1530	292	137	283	192	162	399
4	39	45	96	134	159	8490	575	132	151	161	128	417
5	38	45	94	129	150	2770	1320	127	130	193	129	368
6	39	47	94	125	143	1290	1090	125	135	317	269	415
7	52	102	94	121	137	791	675	120	144	289	329	1460
8	70	211	93	123	134	577	432	116	155	198	286	1150
9	52	233	93	140	132	485	357	132	220	158	328	506
10	46	217	96	129	291	443	324	198	325	142	368	266
11	45	171	97	119	300	430	293	147	533	140	412	229
12	45	110	96	125	225	596	266	128	1340	132	327	219
13	44	93	95	127	176	1930	249	118	2090	138	233	213
14	43	92	192	119	158	1750	244	111	1270	144	200	183
15	42	93	312	123	152	1620	256	103	703	133	192	164
16	42	88	273	194	147	1610	277	99	420	114	171	155
17	42	148	200	291	142	1110	246	95	389	105	272	150
18	42	180	159	292	132	679	209	92	378	100	548	172
19	42	164	157	293	124	546	194	90	241	96	542	279
20	43	215	165	508	121	819	188	100	211	100	556	393
21	43	182	151	414	123	996	184	121	189	219	325	262
22	43	126	174	254	125	814	177	122	183	200	224	186
23	43	108	188	193	122	575	169	167	289	145	178	164
24	42	113	158	172	116	452	172	135	312	118	157	161
25	42	233	137	159	141	446	300	109	235	107	146	172
26	42	277	126	148	348	508	332	101	188	106	138	158
27	43	194	121	142	463	518	282	102	187	137	129	145
28	43	139	233	138	300	397	189	122	169	195	123	137
29	43	119	435	144	—	404	166	146	169	180	120	131
30	43	110	462	379	—	442	154	288	213	141	121	126
31	43	—	352	410	—	422	—	599	—	162	128	—
TOTAL	1356	3987	5244	6141	5303	34260	10292	4469	12100	5000	7814	9249
MEAN	43.7	133	169	198	189	1105	343	144	403	161	252	308
MAX	70	277	462	508	463	8490	1320	599	2090	317	556	1460
MIN	38	44	93	119	116	384	154	90	130	96	120	126
CFSM	.25	.76	.96	1.13	1.08	6.28	1.95	.82	2.29	.92	1.43	1.75
IN.	.29	.84	1.11	1.30	1.12	7.24	2.18	.94	2.56	1.06	1.65	1.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2001, BY WATER YEAR (WY)

MEAN	151	216	278	343	398	502	408	273	238	220	192	177
MAX	479	1063	898	764	1141	1146	1088	795	627	422	757	530
(WY)	1976	1949	1954	1946	1961	1990	1980	1978	1980	1994	1975	1946
MIN	43.7	62.8	89.1	128	140	109	91.4	54.5	71.1	43.4	40.8	46.7
(WY)	2001	1955	1955	1956	2000	1955	2000	2000	2000	2000	2000	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1938 - 2001

ANNUAL TOTAL	35467	105215	282
ANNUAL MEAN	96.9	288	487
HIGHEST ANNUAL MEAN			101
LOWEST ANNUAL MEAN			12200
HIGHEST DAILY MEAN	462	Dec 30	8490
LOWEST DAILY MEAN	33	Jul 20	38
ANNUAL SEVEN-DAY MINIMUM	35	Aug 15	41
MAXIMUM PEAK FLOW			12400
MAXIMUM PEAK STAGE			14.83
ANNUAL RUNOFF (CFSM)	.55		1.64
ANNUAL RUNOFF (INCHES)	7.50		22.24
10 PERCENT EXCEEDS	180		507
50 PERCENT EXCEEDS	76		165
90 PERCENT EXCEEDS	39		63

ESCAMBIA RIVER BASIN

02374700 MURDER CREEK AT BREWTON, AL

LOCATION.—Lat 31°06'03", long 87°04'08", in SW¹/₄ sec. 28, T. 2 N., R. 10 E., Escambia County, Hydrologic Unit 03140304, near right bank at bridge on U.S. Highway 29 and State Highway 41, 0.5 mi upstream of Burnt Corn Creek, 3.6 mi upstream of Conecuh River and at river mile 3.6.

DRAINAGE AREA.—435 mi².

PERIOD OF RECORD.—March 1999 to current year. Gage height record collected by U.S. Army Corps of Engineers and National Weather Service since 1937 during flood events.

GAGE.—Water-stage recorder. Datum of gage is 52.07 ft above sea level. Prior to March 1999, nonrecording gage at same site and at same datum 10 ft higher.

REMARKS.—Estimated daily discharges: Mar. 7-10. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.—Several notable floods have occurred at the site including July 8, 1916, gage height 30.2 ft; March 15, 1929, gage height 37.0 ft; April 11, 1975, gage height 30.93 ft; and Sept. 30, 1998, gage height 25.9 ft, discharge, 18,100 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	113	92	229	594	821	748	776	442	733	447	594	574
2	111	91	213	474	668	1000	690	428	642	470	552	557
3	108	90	201	417	555	5760	633	417	618	435	421	622
4	106	96	195	394	494	12200	947	408	492	400	311	1120
5	105	94	187	364	457	10200	1870	397	392	405	264	1100
6	112	98	184	355	429	6360	1980	386	353	591	324	813
7	122	138	182	343	407	e2500	1590	376	348	570	566	997
8	110	186	186	335	392	e1700	1140	385	370	459	716	1580
9	123	476	178	330	380	e1300	1020	385	428	365	953	1380
10	114	459	180	330	564	e1000	990	420	631	312	798	918
11	105	336	180	319	768	e950	886	476	1320	314	840	673
12	100	266	179	314	633	2070	737	410	2180	330	1230	579
13	97	203	174	317	534	2430	702	375	2240	284	1360	522
14	96	199	300	309	470	2660	786	354	2410	305	986	479
15	92	178	471	308	441	2990	762	342	2140	277	620	422
16	92	194	532	429	424	2870	744	324	1630	245	458	381
17	91	320	495	702	412	2510	711	313	977	215	524	357
18	89	354	408	693	386	1950	653	305	711	199	885	349
19	90	484	389	797	357	1590	603	300	587	191	1010	397
20	88	427	378	1320	342	1980	578	322	668	185	1470	516
21	92	373	362	1130	345	2110	563	339	768	273	1100	549
22	90	314	390	773	360	1930	546	353	819	476	699	428
23	87	242	398	616	362	1640	524	354	972	364	531	359
24	89	342	378	543	345	1390	511	399	887	279	437	331
25	87	708	336	493	364	1280	552	360	620	245	388	341
26	88	574	301	452	698	1340	629	321	500	230	352	334
27	86	479	279	426	743	1250	613	309	434	256	316	311
28	88	365	552	406	698	1030	556	376	408	350	307	292
29	88	296	1000	412	—	943	489	453	376	362	320	271
30	88	254	872	1030	—	975	459	459	409	375	303	259
31	90	—	704	1120	—	876	—	572	—	600	305	—
TOTAL	3037	8728	11013	16845	13849	79532	24240	11860	26063	10809	19940	17811
MEAN	98.0	291	355	543	495	2566	808	383	869	349	643	594
MAX	123	708	1000	1320	821	12200	1980	572	2410	600	1470	1580
MIN	86	90	174	308	342	748	459	300	348	185	264	259
CFSM	.23	.67	.82	1.25	1.14	5.90	1.86	.88	2.00	.80	1.48	1.36
IN.	.26	.75	.94	1.44	1.18	6.80	2.07	1.01	2.23	.92	1.71	1.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	MEAN	183	265	336	453	428	1478	491	282	510	365	359	327
MAX	269	291	355	543	495	2566	808	383	869	626	643	594	594
(WY)	2000	2001	2001	2001	2001	2001	2001	2001	2001	1999	2001	2001	2001
MIN	98.0	239	317	363	364	390	233	139	177	120	124	155	155
(WY)	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1999 - 2001

ANNUAL TOTAL	85515	243727	
ANNUAL MEAN	234	668	454
HIGHEST ANNUAL MEAN			668
LOWEST ANNUAL MEAN			241
HIGHEST DAILY MEAN	1000	Dec 29	12200
LOWEST DAILY MEAN	79	Aug 25	86
ANNUAL SEVEN-DAY MINIMUM	84	Aug 19	88
MAXIMUM PEAK FLOW			13400
MAXIMUM PEAK STAGE			24.44
ANNUAL RUNOFF (CFSM)	.54		1.54
ANNUAL RUNOFF (INCHES)	7.31		20.84
10 PERCENT EXCEEDS	431		1260
50 PERCENT EXCEEDS	183		421
90 PERCENT EXCEEDS	92		123

e Estimated

ESCAMBIA RIVER BASIN

02374700 MURDER CREEK AT BREWTON, AL--Continued

**GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.44	9.34	9.97	11.13	11.91	11.66	11.76	10.24	11.29	10.66	11.09	11.06
2	9.43	9.34	9.91	10.74	11.39	12.47	11.47	10.20	10.91	10.73	10.95	11.00
3	9.42	9.34	9.87	10.56	10.99	18.83	11.26	10.17	10.81	10.62	10.55	11.23
4	9.41	9.36	9.84	10.49	10.81	23.80	12.23	10.13	10.40	10.51	10.19	12.81
5	9.41	9.35	9.81	10.38	10.69	22.68	14.54	10.10	10.08	10.52	10.04	12.75
6	9.44	9.37	9.80	10.35	10.60	19.88	14.77	10.06	9.95	11.12	10.28	11.85
7	9.49	9.56	9.79	10.31	10.53	16.41	13.92	10.03	9.93	11.04	11.26	12.31
8	9.43	9.77	9.81	10.28	10.48	16.89	12.85	10.06	10.00	10.70	11.81	13.91
9	9.49	10.74	9.78	10.27	10.44	17.82	12.51	10.06	10.20	10.39	12.38	13.46
10	9.45	10.70	9.78	10.27	11.04	17.48	12.41	10.17	10.88	10.21	12.03	12.07
11	9.41	10.31	9.78	10.23	11.74	16.13	11.98	10.35	13.05	10.22	12.12	11.03
12	9.38	10.10	9.78	10.22	11.26	14.93	11.31	10.14	15.12	10.27	13.07	10.67
13	9.37	9.87	9.76	10.23	10.93	15.57	11.15	10.02	15.25	10.12	13.40	10.49
14	9.36	9.86	10.21	10.20	10.73	15.94	11.54	9.95	15.53	10.19	12.46	10.36
15	9.35	9.78	10.78	10.20	10.64	16.45	11.43	9.91	15.06	10.10	11.48	10.18
16	9.34	9.83	10.96	10.59	10.59	16.27	11.35	9.85	14.01	9.98	11.00	10.04
17	9.34	10.28	10.85	11.51	10.55	15.70	11.19	9.82	12.39	9.88	11.11	9.96
18	9.33	10.39	10.57	11.48	10.46	14.68	10.94	9.79	11.54	9.82	12.14	9.93
19	9.33	10.81	10.51	11.81	10.36	13.94	10.76	9.77	11.10	9.79	12.49	10.09
20	9.32	10.64	10.47	13.32	10.31	14.76	10.66	9.84	11.39	9.76	13.66	10.47
21	9.34	10.46	10.42	12.81	10.32	15.02	10.61	9.90	11.73	10.08	12.72	10.57
22	9.33	10.26	10.51	11.75	10.37	14.66	10.56	9.95	11.91	10.75	11.50	10.20
23	9.32	10.01	10.54	11.20	10.38	14.04	10.50	9.95	12.38	10.38	10.92	9.97
24	9.33	10.34	10.47	10.95	10.32	13.47	10.46	10.10	12.11	10.10	10.63	9.87
25	9.32	11.55	10.33	10.80	10.38	13.23	10.59	9.97	11.22	9.98	10.47	9.91
26	9.32	11.09	10.22	10.68	11.49	13.37	10.85	9.84	10.82	9.93	10.34	9.88
27	9.31	10.80	10.14	10.59	11.65	13.14	10.79	9.80	10.62	10.02	10.22	9.81
28	9.32	10.43	11.04	10.53	11.49	12.54	10.60	10.02	10.54	10.27	10.19	9.75
29	9.32	10.20	12.47	10.54	---	12.30	10.39	10.28	10.43	10.32	10.24	9.67
30	9.32	10.06	12.08	12.52	---	12.39	10.30	10.30	10.54	10.37	10.18	9.63
31	9.34	---	11.51	12.80	---	12.09	---	10.67	---	11.11	10.19	---
MEAN	9.37	10.13	10.38	10.96	10.82	15.44	11.52	10.05	11.71	10.32	11.33	10.83
MAX	9.49	11.55	12.47	13.32	11.91	23.80	14.77	10.67	15.53	11.12	13.66	13.91
MIN	9.31	9.34	9.76	10.20	10.31	11.66	10.30	9.77	9.93	9.76	10.04	9.63
CAL YR 2000		MEAN 9.92	MAX 12.47		MIN 9.27							
WTR YR 2001		MEAN 11.07	MAX 23.80		MIN 9.31							

ESCAMBIA RIVER BASIN

02374745 BURNT CORN CREEK AT STATE HIGHWAY 41 NEAR BREWTON, AL

LOCATION.--Lat 31°07'47", long 87°05'14", in SW¹/₄ sec. 17, T. 2 N., R. 10 E., Escambia County, Hydrologic Unit 03140304, near right bank at bridge on State Highway 41, 1.8 mi northwest of Brewton, 3.2 mi upstream of Murder Creek, and at river mile 3.2.

DRAINAGE AREA.--182 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 75 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 29, 1998 reached a gage height of 22.15 ft, 18,400 ft³/s (from highwater mark).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	11	91	272	655	468	401	103	71	261	160	62
2	21	11	81	218	408	738	349	97	138	192	108	88
3	20	11	75	187	323	4310	313	92	97	153	85	139
4	19	12	72	167	278	6740	605	88	63	133	59	275
5	18	12	74	156	250	4660	1110	83	49	133	54	325
6	19	13	67	147	232	1680	1380	78	42	383	81	199
7	23	25	63	138	212	1070	935	74	40	372	174	312
8	24	102	61	134	198	785	483	71	54	200	188	794
9	20	133	60	135	190	658	389	68	239	129	342	803
10	18	154	60	129	339	603	344	78	232	103	256	839
11	16	105	59	121	624	556	306	76	704	99	275	453
12	16	65	58	122	447	704	272	69	1080	95	376	331
13	15	50	57	127	307	1160	252	63	1530	86	467	282
14	15	50	161	123	260	1680	370	58	1230	81	286	233
15	14	46	407	119	238	1460	349	54	799	74	261	215
16	14	49	325	233	225	1410	335	52	598	61	165	189
17	13	126	260	542	213	1330	309	49	328	52	176	171
18	13	177	199	597	194	848	238	46	239	46	208	163
19	13	242	196	583	174	656	198	44	191	44	294	162
20	13	255	198	943	162	976	179	45	203	42	409	198
21	12	175	172	894	166	1050	167	56	216	46	487	179
22	13	119	200	558	184	1000	157	73	206	45	228	160
23	12	94	208	391	177	717	146	63	210	52	145	146
24	12	208	172	323	161	550	135	76	270	51	110	137
25	12	597	142	283	199	516	173	61	188	45	87	139
26	11	457	124	252	474	562	340	50	133	52	74	138
27	11	260	112	231	592	505	202	46	118	85	66	133
28	11	168	358	217	424	431	146	47	111	127	60	124
29	11	130	784	238	---	484	125	60	118	100	59	119
30	11	106	769	855	---	519	113	63	208	89	55	113
31	11	---	431	878	---	477	---	61	---	235	55	---
TOTAL	473	3963	6096	10313	8306	39303	10821	2044	9705	3666	5850	7621
MEAN	15.3	132	197	333	297	1268	361	65.9	324	118	189	254
MAX	24	597	784	943	655	6740	1380	103	1530	383	487	839
MIN	11	11	57	119	161	431	113	44	40	42	54	62
CFSM	.08	.73	1.08	1.83	1.63	6.97	1.98	.36	1.78	.65	1.04	1.40
IN.	.10	.81	1.25	2.11	1.70	8.03	2.21	.42	1.98	.75	1.20	1.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	MEAN	71.2	114	175	246	219	706	207	74.8	192	122	120	122
MAX	127	132	197	333	297	1268	361	134	324	222	189	254	
(WY)	2000	2001	2001	2001	2001	2001	2001	1999	2001	1999	2001	2001	2001
MIN	15.3	96.6	153	159	144	145	62.0	24.5	43.6	25.5	31.9	37.5	
(WY)	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1999 - 2001

ANNUAL TOTAL	30953	108161	
ANNUAL MEAN	84.6	296	
HIGHEST ANNUAL MEAN			192
LOWEST ANNUAL MEAN			296
HIGHEST DAILY MEAN	784	Dec 29	6740
LOWEST DAILY MEAN	10	Jun 12, 13	11
ANNUAL SEVEN-DAY MINIMUM	11	Jun 8	11
MAXIMUM PEAK FLOW			8300
MAXIMUM PEAK STAGE			17.56
ANNUAL RUNOFF (CFSM)	.46		1.63
ANNUAL RUNOFF (INCHES)	6.33		22.11
10 PERCENT EXCEEDS	198		428
50 PERCENT EXCEEDS	48		100
90 PERCENT EXCEEDS	14		22

ESCAMBIA RIVER BASIN

02374745 BURNT CORN CREEK AT STATE HIGHWAY 41 NEAR BREWTON, AL--Continued

**GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.33	3.13	4.01	5.06	6.25	5.61	5.63	4.32	4.05	5.22	4.69	3.96
2	3.31	3.12	3.93	4.80	5.40	6.56	5.44	4.27	4.55	4.88	4.35	4.19
3	3.29	3.13	3.88	4.64	5.08	13.21	5.29	4.24	4.27	4.65	4.17	4.57
4	3.29	3.14	3.85	4.53	4.89	16.42	6.22	4.20	3.97	4.53	3.93	5.25
5	3.28	3.14	3.87	4.46	4.76	14.19	7.74	4.15	3.83	4.53	3.89	5.50
6	3.29	3.16	3.80	4.41	4.68	9.28	8.53	4.11	3.74	5.71	4.13	4.91
7	3.36	3.38	3.77	4.35	4.57	7.60	7.25	4.08	3.73	5.68	4.78	5.38
8	3.38	4.18	3.75	4.32	4.50	6.77	6.06	4.05	3.88	4.91	4.86	6.85
9	3.31	4.40	3.74	4.33	4.46	6.44	5.75	4.02	5.09	4.50	5.54	6.85
10	3.26	4.54	3.74	4.29	5.12	6.28	5.58	4.12	5.08	4.32	5.20	6.92
11	3.24	4.21	3.73	4.24	6.12	6.14	5.42	4.10	6.58	4.28	5.28	5.67
12	3.23	3.87	3.72	4.25	5.53	6.56	5.27	4.03	7.65	4.26	5.64	5.14
13	3.22	3.72	3.70	4.28	5.02	7.90	5.18	3.98	8.93	4.18	5.98	4.92
14	3.20	3.72	4.44	4.25	4.81	9.28	5.68	3.93	8.08	4.14	5.33	4.70
15	3.19	3.67	5.60	4.22	4.70	8.77	5.60	3.89	6.84	4.08	5.22	4.61
16	3.18	3.70	5.29	4.83	4.64	8.63	5.54	3.86	6.35	3.95	4.72	4.48
17	3.17	4.36	5.01	6.01	4.58	8.39	5.43	3.83	5.50	3.87	4.78	4.37
18	3.17	4.68	4.71	6.15	4.48	6.96	5.11	3.80	5.12	3.80	4.96	4.33
19	3.16	5.01	4.69	6.06	4.37	6.43	4.91	3.78	4.87	3.77	5.37	4.32
20	3.16	5.07	4.70	7.22	4.30	7.33	4.81	3.78	4.94	3.75	5.79	4.52
21	3.15	4.64	4.56	7.06	4.32	7.56	4.74	3.90	5.01	3.79	6.05	4.42
22	3.15	4.27	4.71	5.91	4.42	7.41	4.68	4.07	4.95	3.79	5.06	4.31
23	3.15	4.07	4.76	5.34	4.39	6.59	4.61	3.97	4.97	3.86	4.60	4.22
24	3.14	4.57	4.55	5.08	4.30	6.12	4.54	4.10	5.26	3.85	4.37	4.17
25	3.13	6.23	4.38	4.91	4.49	6.02	4.75	3.95	4.85	3.79	4.19	4.18
26	3.13	5.77	4.26	4.77	5.63	6.16	5.56	3.84	4.53	3.86	4.08	4.17
27	3.13	5.00	4.18	4.67	6.01	5.98	4.93	3.79	4.43	4.16	4.00	4.14
28	3.13	4.53	5.30	4.60	5.46	5.74	4.62	3.81	4.38	4.49	3.95	4.08
29	3.13	4.30	6.76	4.68	---	5.92	4.48	3.95	4.42	4.29	3.94	4.04
30	3.13	4.13	6.72	6.93	---	6.03	4.39	3.97	4.96	4.21	3.90	4.00
31	3.13	---	5.67	7.01	---	5.90	---	3.95	---	5.10	3.90	---
MEAN	3.21	4.16	4.51	5.09	4.90	7.68	5.46	3.99	5.16	4.33	4.73	4.77
MAX	3.38	6.23	6.76	7.22	6.25	16.42	8.53	4.32	8.93	5.71	6.05	6.92
MIN	3.13	3.12	3.70	4.22	4.30	5.61	4.39	3.78	3.73	3.75	3.89	3.96
CAL YR 2000	MEAN 3.84		MAX 6.76		MIN 3.06							
WTR YR 2001	MEAN 4.83		MAX 16.42		MIN 3.12							

ESCAMBIA RIVER BASIN

02374950 BIG ESCAMBIA CREEK AT SARDINE BRIDGE NEAR STANLEY CROSSROADS, AL

LOCATION.--Lat 31°07'46", long 87°22'14", in SW¹/₄ sec. 16, T. 2 N., R. 7 E., Escambia County, Hydrologic Unit 03140305, on upstream side of Sardine Bridge on county road, 2 mi west of Stanley Crossroads, 13 mi northwest of Flomaton.

DRAINAGE AREA.--193 mi².

PERIOD OF RECORD.--May 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 110 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges: Sept. 9, 10. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	47	145	257	480	342	249	132	137	434	188	152
2	51	47	133	213	335	487	226	128	195	719	166	184
3	50	47	127	192	261	2750	213	128	144	374	150	178
4	49	48	121	179	234	6730	351	129	108	334	141	307
5	48	49	115	172	218	6710	722	120	96	468	137	296
6	56	53	110	165	206	1310	1190	115	92	743	156	261
7	62	88	108	160	197	837	641	111	100	449	188	250
8	58	185	106	159	191	584	401	106	148	322	206	344
9	55	256	106	162	186	439	306	106	223	240	252	e500
10	53	255	105	154	319	367	260	112	363	213	213	e800
11	53	187	105	148	463	322	234	111	873	207	242	452
12	52	135	104	152	392	430	213	112	1590	210	230	334
13	51	114	103	152	285	1080	206	105	1840	193	227	224
14	50	106	205	147	243	1410	406	98	1190	179	253	180
15	49	101	375	150	226	1480	296	94	671	166	256	157
16	49	103	322	239	214	1260	272	90	439	155	200	143
17	49	180	257	467	203	916	240	86	324	145	179	133
18	50	218	222	491	190	558	204	84	236	140	173	128
19	49	255	212	462	178	423	184	82	192	134	175	140
20	49	313	214	565	173	564	173	89	182	128	245	161
21	49	227	192	465	174	601	168	98	205	154	273	140
22	48	177	219	357	181	543	165	95	188	184	209	126
23	48	151	221	273	175	420	157	98	193	178	173	118
24	47	161	190	236	166	332	154	103	208	152	156	117
25	47	356	171	214	186	305	238	93	169	148	147	118
26	46	501	158	197	261	318	271	88	149	173	140	113
27	46	322	151	187	343	284	203	89	142	250	135	108
28	46	209	275	180	308	262	164	87	139	252	132	102
29	47	175	571	181	---	292	149	91	222	205	130	99
30	47	152	522	505	---	296	140	107	286	174	128	96
31	47	---	381	552	---	281	---	98	---	210	132	---
TOTAL	1553	5218	6346	8133	6988	32933	8796	3185	11044	8033	5732	6461
MEAN	50.1	174	205	262	250	1062	293	103	368	259	185	215
MAX	62	501	571	565	480	6730	1190	132	1840	743	273	800
MIN	46	47	103	147	166	262	140	82	92	128	128	96
CFSM	.26	.90	1.06	1.36	1.29	5.50	1.52	.53	1.91	1.34	.96	1.12
IN.	.30	1.01	1.22	1.57	1.35	6.35	1.70	.61	2.13	1.55	1.10	1.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

MEAN	50.1	174	205	262	250	1062	293	103	224	162	124	142
MAX	50.1	174	205	262	250	1062	293	103	368	259	185	215
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
MIN	50.1	174	205	262	250	1062	293	103	80.8	65.7	62.3	69.1
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2000	2000	2000	2000

SUMMARY STATISTICS

FOR 2001 WATER YEAR

WATER YEARS 2000 - 2001

ANNUAL TOTAL	104422											
ANNUAL MEAN	286											
HIGHEST ANNUAL MEAN								286				
LOWEST ANNUAL MEAN								286				2001
HIGHEST DAILY MEAN	6730				Mar 4			6730				Mar 4 2001
LOWEST DAILY MEAN	46				Oct 26-28			45				Aug 18 2000
ANNUAL SEVEN-DAY MINIMUM	47				Oct 24			47				Oct 24 2000
MAXIMUM PEAK FLOW	11400				Mar 5			11400				Mar 5 2001
MAXIMUM PEAK STAGE	16.63				Mar 5			16.63				Mar 5 2001
ANNUAL RUNOFF (CFSM)	1.48							1.48				
ANNUAL RUNOFF (INCHES)	20.13							20.14				
10 PERCENT EXCEEDS	473							412				
50 PERCENT EXCEEDS	181							145				
90 PERCENT EXCEEDS	60							51				

e Estimated

PERDIDO RIVER BASIN

02375500 ESCAMBIA RIVER NEAR CENTURY, FL

LOCATION.--Lat 30°57'54", long 87°14'03", in NW¹/₄ sec. 10, T. 5 S., R. 30 E., Santa Rosa County, Fla., Hydrologic Unit 03140305, on left bank 16 ft downstream from bridge on State Highway 4, 1.2 mi downstream from Escambia Creek, 1.7 mi east of Century, and 52 mi upstream from mouth.

DRAINAGE AREA.--3,817 mi².

PERIOD OF RECORD.--October 1934 to current year.

REVISED RECORDS.--WSP 1384: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 28.34 ft above sea level (Florida Department of Transportation benchmark). Prior to Jan. 13, 1940, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Water-discharge records good. Some gage-height fluctuation during periods of low flow are attributed to regulation by power plants at Point-A Dam, 85.4 mi and Gantt Dam, 90.1 mi upstream from the gaging station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1850, 37.8 ft, March 1929, present datum, discharge not determined, from information by U.S. Army Corps of Engineers, Mobile District.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	659	455	2080	7590	8540	5560	12000	3420	4690	4070	2830	2690
2	698	456	1920	6770	8240	7530	10900	3160	3940	4670	2470	3210
3	593	455	1790	6550	7100	13200	9850	3000	3070	4610	2380	3820
4	543	458	1660	6580	6290	39800	9400	2840	2710	4550	2050	4840
5	522	463	1600	6050	5560	53800	12000	2580	2130	4770	1810	6640
6	519	476	1550	5240	5150	50200	16500	2610	1800	5460	1790	6050
7	650	563	1480	4060	4500	45400	19600	2430	1710	5900	2900	5060
8	729	721	1460	3480	3970	49500	20300	2380	1710	4880	4720	7260
9	712	1240	1330	3120	3530	56300	20600	2290	1860	3710	5640	7760
10	667	1790	1330	2800	3770	60100	21500	2180	2430	3210	6640	7560
11	662	1790	1340	2710	4820	54800	21800	2350	5880	2720	7450	6550
12	595	1450	1330	2750	5470	46800	18500	2290	11100	2890	8010	4980
13	597	1210	1390	2610	5020	40600	12500	2180	15200	2660	8620	3880
14	565	1350	1580	2560	4580	35400	10200	2090	18300	2480	8150	3170
15	527	1320	2280	2450	4250	36000	9340	1980	20100	2310	7210	2950
16	512	1220	3070	2720	4070	37300	7940	1900	21400	2020	6100	2500
17	507	1500	3260	3940	3700	36900	7050	1840	21400	1960	4890	2280
18	580	1830	3410	4920	3440	35800	6330	1710	18100	1860	4810	2120
19	700	2730	3300	5220	3240	33300	5540	1770	13300	1800	6290	2090
20	562	2790	3150	8010	2950	32300	5290	1670	8630	1660	8280	2250
21	507	2430	3060	10000	2960	31800	4770	1760	6350	1880	8440	2410
22	493	2110	2760	10100	2980	31700	4510	1920	6550	2490	6520	2270
23	484	1720	2780	8980	2900	31400	4310	1810	6120	3030	4500	2070
24	473	1910	2800	7400	2750	30500	4110	1790	6230	2210	3700	2000
25	469	4450	2560	6530	2770	28900	3980	1850	5100	1850	3050	1970
26	468	4310	2300	5850	3300	28100	4520	1660	4710	1830	2800	1910
27	465	3620	2380	5250	4760	28200	4100	1570	4080	1960	2450	1830
28	461	2970	2640	4550	5590	26700	4150	1640	3760	2120	2420	1730
29	460	2510	5370	3960	---	22600	4220	2100	3700	2130	2970	1650
30	460	2210	7140	5340	---	16500	3970	2130	3530	2120	2880	1590
31	457	---	7730	7680	---	13400	---	3070	---	2440	2580	---
TOTAL	17296	52507	81830	165770	126200	1060390	299780	67970	229590	92250	145350	107090
MEAN	558	1750	2640	5347	4507	34210	9993	2193	7653	2976	4689	3570
MAX	729	4450	7730	10100	8540	60100	21800	3420	21400	5900	8620	7760
MIN	457	455	1330	2450	2750	5560	3970	1570	1710	1660	1790	1590
CFSM	.15	.46	.69	1.40	1.18	8.96	2.62	.57	2.00	.78	1.23	.94
IN.	.17	.51	.80	1.62	1.23	10.33	2.92	.66	2.24	.90	1.42	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2001, BY WATER YEAR (WY)

MEAN	2976	3201	5556	8462	10130	12910	11000	5791	4412	4010	3981	3127
MAX	24310	14740	24600	31530	21160	34210	31430	19520	22500	20850	23560	12010
(WY)	1999	1949	1954	1936	1965	2001	1980	1978	1970	1994	1975	1975
MIN	558	1033	1157	1895	2596	1783	2068	890	828	687	775	693
(WY)	2001	1955	1955	1956	1989	1955	2000	2000	2000	2000	2000	1968

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1935 - 2001

ANNUAL TOTAL	619874	2446023	
ANNUAL MEAN	1694	6701	6277
HIGHEST ANNUAL MEAN			11690
LOWEST ANNUAL MEAN			1820
HIGHEST DAILY MEAN	7730	60100	106000
LOWEST DAILY MEAN	455	455	455
ANNUAL SEVEN-DAY MINIMUM	457	457	457
MAXIMUM PEAK FLOW		60800	117000
MAXIMUM PEAK STAGE		20.46	24.35
INSTANTANEOUS LOW FLOW		452	452
ANNUAL RUNOFF (CFSM)	.44	1.76	1.64
ANNUAL RUNOFF (INCHES)	6.04	23.84	22.34
10 PERCENT EXCEEDS	3410	18200	14300
50 PERCENT EXCEEDS	1180	3070	3670
90 PERCENT EXCEEDS	561	707	1340

PERDIDO RIVER BASIN

02376500 PERDIDO RIVER AT BARRINEAU PARK, FL

LOCATION.--Lat 30°41'25", long 87°26'25", in NW¹/₄ sec. 23, T. 4 S., R. 6 E., Baldwin County, Ala., Hydrologic Unit 03140106, on right bank 25 ft downstream from bridge on county road, 1,000 ft downstream from Alligator Creek, 0.5 mi southwest of Barrineau Park, and at mile 28.0.

DRAINAGE AREA.--394 mi².

PERIOD OF RECORD.--June 1941 to current year.

REVISED RECORDS.--WSP 1384: Drainage area. WDR FL-76-4: 1973-75 (M).

GAGE.--Water-stage recorder. Datum of gage is 25.77 ft above sea level. Prior to Aug. 22, 1949, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: June 11, 12. Water-discharge records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 15, 1929, reached a stage of 25.7 ft present datum, from information by local resident (discharge not determined).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	202	174	490	668	676	324	556	259	248	298	624	492
2	198	175	440	609	616	327	511	255	241	272	539	457
3	195	175	405	538	567	417	475	254	223	273	468	479
4	192	176	381	479	504	2290	457	254	208	313	378	668
5	192	180	364	442	436	3800	446	250	200	332	329	756
6	196	188	351	417	386	4770	499	245	195	330	306	741
7	223	225	343	397	355	2670	439	238	202	327	310	681
8	210	274	337	389	334	1280	401	233	209	285	325	579
9	200	346	333	379	322	878	376	232	240	258	368	683
10	196	381	329	368	401	714	360	245	266	254	493	826
11	196	345	324	364	477	606	348	257	e650	312	579	816
12	194	293	319	372	470	1060	337	252	e1420	497	1470	723
13	192	270	313	368	429	2760	327	238	1400	731	1660	600
14	190	304	368	359	408	2320	336	227	1010	532	1340	484
15	189	334	497	356	394	2730	422	220	762	389	1380	406
16	187	316	546	405	375	3330	478	216	555	324	902	362
17	186	445	517	495	349	3100	439	213	431	294	769	335
18	185	536	469	570	325	2320	394	210	356	276	690	317
19	185	913	474	636	307	1370	361	208	314	269	985	308
20	184	1030	486	1040	296	1020	343	208	303	257	1240	306
21	184	814	473	1000	310	888	328	205	295	289	767	301
22	184	666	490	846	479	781	316	210	290	344	572	291
23	182	559	490	719	470	695	303	218	371	351	471	285
24	180	660	462	594	417	626	298	209	372	303	417	359
25	177	1470	432	503	395	577	314	204	306	330	380	421
26	177	1270	407	437	410	550	307	202	278	393	350	375
27	177	917	407	395	376	525	301	201	261	515	331	332
28	176	770	831	371	343	500	288	200	256	634	331	306
29	175	662	1080	359	---	552	276	204	259	587	457	290
30	175	568	919	571	---	622	266	209	315	632	443	278
31	174	---	765	726	---	596	---	249	---	560	441	---
TOTAL	5853	15436	14842	16172	11627	44998	11302	7025	12436	11761	20115	14257
MEAN	189	515	479	522	415	1452	377	227	415	379	649	475
MAX	223	1470	1080	1040	676	4770	556	259	1420	731	1660	826
MIN	174	174	313	356	296	324	266	200	195	254	306	278
CFSM	.48	1.31	1.22	1.32	1.05	3.68	.96	.58	1.05	.96	1.65	1.21
IN.	.55	1.46	1.40	1.53	1.10	4.25	1.07	.66	1.17	1.11	1.90	1.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2001, BY WATER YEAR (WY)

	MEAN	513	614	715	948	967	1130	1010	706	667	696	706	735
MAX	2519	1865	2084	2636	2364	2791	3179	2402	2394	2023	2938	3460	
(WY)	1996	1990	1954	1998	1990	1990	1983	1991	1989	1997	1975	1998	
MIN	189	246	302	339	343	269	283	227	238	210	217	213	
(WY)	2001	1956	1955	1957	1957	1955	1968	2001	1968	2000	2000	1968	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1941 - 2001

ANNUAL TOTAL	117960	185824	
ANNUAL MEAN	322	509	783
HIGHEST ANNUAL MEAN			1372
LOWEST ANNUAL MEAN			339
HIGHEST DAILY MEAN	1470	Nov 25	4770
LOWEST DAILY MEAN	171	Aug 27	174
ANNUAL SEVEN-DAY MINIMUM	175	Oct 28	175
MAXIMUM PEAK FLOW			5300
MAXIMUM PEAK STAGE			12.89
ANNUAL RUNOFF (CFSM)	.82		1.29
ANNUAL RUNOFF (INCHES)	11.14		17.54
10 PERCENT EXCEEDS	483		837
50 PERCENT EXCEEDS	300		368
90 PERCENT EXCEEDS	185		200
			294

e Estimated

PERDIDO RIVER BASIN

02377570 STYX RIVER NEAR ELSANOR, AL

LOCATION.--Lat 30°36'20", long 87°32'50", in SW¹/₄ sec. 14, T. 5 S., R. 5 E., Baldwin County, Hydrologic Unit 03140106, near left bank on downstream side of bridge on County Road 87, 0.2 mi downstream of Cowpen Creek, 5 mi northeast of Elsanor, and 11.4 mi upstream from mouth.

DRAINAGE AREA.--192 mi².

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

REVISED RECORDS.--WDR AL-89-1: 1988(P).

GAGE.--Water-stage recorder. Altitude of gage is 20 ft (from topographic map).

REMARKS.--Estimated daily discharges: Nov. 18-21, Dec. 3-5, Feb. 23-27, Mar. 9-12, Apr. 25 to May 7, 16-23. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87	70	280	407	372	207	264	e118	93	119	1110	208
2	85	69	258	342	329	199	241	e120	95	112	563	201
3	84	69	e240	298	280	230	223	e122	90	126	465	194
4	82	69	e230	272	242	1180	213	e125	86	147	335	248
5	81	71	e220	257	217	1920	206	e118	85	154	252	303
6	80	74	214	245	201	978	198	e113	84	149	225	266
7	82	85	208	235	189	568	191	e108	83	154	220	215
8	91	103	203	234	180	413	185	106	83	152	232	207
9	92	123	199	232	174	e350	177	105	86	149	282	362
10	89	131	195	223	225	e320	174	107	88	162	259	303
11	87	116	192	221	274	e300	171	105	604	150	483	235
12	86	103	187	230	257	e600	163	105	1630	149	1630	219
13	84	99	184	226	230	2610	155	105	1150	161	1940	197
14	83	125	205	217	212	2320	149	104	646	141	1450	176
15	82	127	244	214	201	2990	148	103	382	125	871	159
16	81	121	259	257	191	3100	193	e102	254	113	544	149
17	80	195	265	314	179	1700	185	e100	192	107	421	143
18	79	e250	245	316	169	991	170	e98	164	111	414	139
19	78	e600	249	360	161	714	158	e96	148	111	597	137
20	77	e800	255	610	155	592	150	e94	140	104	1360	139
21	76	e650	244	548	238	516	145	e92	137	118	1020	137
22	76	479	266	488	515	454	140	e90	133	184	586	134
23	75	359	268	392	e410	401	135	e93	148	147	404	132
24	75	538	252	311	e330	356	132	88	165	184	308	134
25	74	880	237	258	e265	325	e129	87	140	722	250	171
26	73	771	223	231	e270	298	e126	87	126	791	221	174
27	73	627	220	213	e245	277	e123	86	118	1110	209	151
28	72	488	497	202	222	264	e121	85	114	1080	194	138
29	72	382	617	195	---	284	e119	85	128	679	205	132
30	71	318	573	332	---	303	e117	86	143	524	225	127
31	70	---	498	385	---	287	---	88	---	1200	225	---
TOTAL	2477	8892	8427	9265	6933	26047	5001	3121	7535	9435	17500	5630
MEAN	79.9	296	272	299	248	840	167	101	251	304	565	188
MAX	92	880	617	610	515	3100	264	125	1630	1200	1940	362
MIN	70	69	184	195	155	199	117	85	83	104	194	127
CFSM	.42	1.54	1.42	1.56	1.29	4.38	.87	.52	1.31	1.59	2.94	.98
IN.	.48	1.72	1.63	1.80	1.34	5.05	.97	.60	1.46	1.83	3.39	1.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2001, BY WATER YEAR (WY)

MEAN	336	448	370	651	533	652	450	367	430	517	414	504
MAX	1376	1248	707	1743	1265	1369	1353	1047	1850	1824	907	3155
(WY)	1996	1990	1996	1998	1990	1990	1996	1991	1989	1997	1995	1998
MIN	79.9	129	176	183	162	201	145	94.4	125	95.4	97.1	123
(WY)	2001	2000	1991	2000	2000	2000	2000	2000	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1988 - 2001
ANNUAL TOTAL	57780	110263	
ANNUAL MEAN	158	302	472
HIGHEST ANNUAL MEAN			818
LOWEST ANNUAL MEAN			159
HIGHEST DAILY MEAN	920	3100	42000
LOWEST DAILY MEAN	69	69	69
ANNUAL SEVEN-DAY MINIMUM	70	70	70
MAXIMUM PEAK FLOW		3610	48000
MAXIMUM PEAK STAGE		12.01	28.60
ANNUAL RUNOFF (CFSM)	.82	1.57	2.46
ANNUAL RUNOFF (INCHES)	11.19	21.36	33.43
10 PERCENT EXCEEDS	244	598	814
50 PERCENT EXCEEDS	128	195	270
90 PERCENT EXCEEDS	81	85	135

e Estimated

FISH RIVER BASIN

02378300 MAGNOLIA RIVER AT U.S. HIGHWAY 98 NEAR FOLEY, AL

LOCATION.--Lat 30°24'23", long 87°44'13" in SW¹/₄ sec. 26, T. 7 S., R. 3 E., Baldwin County, Hydrologic Unit 03160205, at bridge on U.S. Highway 98, 3 mi west of Foley.

DRAINAGE AREA.--16.6 mi²

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

GAGE.--Water-stage recorder. Datum of gage is 20 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	12	15	15	15	14	17	13	14	19	181	13
2	11	12	15	15	14	13	16	13	12	19	34	13
3	11	12	15	15	14	21	16	13	12	14	20	15
4	11	12	15	15	14	66	17	13	12	13	17	42
5	11	12	15	15	14	19	16	13	11	13	16	20
6	12	13	15	15	14	16	16	13	11	13	17	15
7	12	13	15	15	14	15	16	13	11	12	50	14
8	12	13	15	15	14	15	16	12	11	12	23	14
9	12	17	15	15	14	16	16	12	13	12	18	18
10	12	14	15	15	16	16	15	12	14	12	17	21
11	11	13	15	15	14	15	15	12	313	12	18	14
12	11	13	15	16	14	40	15	12	116	12	113	14
13	11	14	15	15	14	72	15	12	28	13	46	18
14	11	15	15	15	14	21	14	12	21	12	27	14
15	11	13	16	15	14	317	14	12	17	12	18	13
16	12	14	16	16	14	57	14	12	16	12	17	13
17	12	21	16	16	13	25	14	12	15	12	16	13
18	12	17	16	15	13	24	14	12	15	12	16	13
19	12	24	17	19	13	21	14	12	15	12	15	15
20	12	17	16	27	13	20	14	12	14	11	15	16
21	12	15	17	17	14	19	14	12	14	13	14	14
22	12	14	17	16	15	18	14	12	14	28	14	13
23	12	14	17	15	14	18	14	12	15	13	13	13
24	12	73	16	15	13	17	14	11	14	12	13	20
25	12	87	17	15	13	17	15	11	14	50	13	16
26	12	20	17	15	13	17	14	11	13	45	13	15
27	12	17	17	15	13	17	14	11	14	18	13	14
28	12	17	29	15	15	17	14	11	14	17	13	14
29	12	16	18	15	---	19	13	11	14	17	13	14
30	12	16	16	17	---	18	13	11	14	13	13	14
31	12	---	15	15	---	17	---	12	---	218	13	---
TOTAL	362	580	503	489	389	1017	443	372	831	703	839	475
MEAN	11.7	19.3	16.2	15.8	13.9	32.8	14.8	12.0	27.7	22.7	27.1	15.8
MAX	12	87	29	27	16	317	17	13	313	218	181	42
MIN	11	12	15	15	13	13	13	11	11	11	13	13
CFSM	.70	1.16	.98	.95	.84	1.98	.89	.72	1.67	1.37	1.63	.95
IN.	.81	1.30	1.13	1.10	.87	2.28	.99	.83	1.86	1.58	1.88	1.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	20.3	18.8	20.4	20.7	17.7	28.2	15.4	12.3	22.1	16.9	25.2	16.8
MEAN	20.3	18.8	20.4	20.7	17.7	28.2	15.4	12.3	22.1	16.9	25.2	16.8
MAX	29.0	19.3	24.5	25.6	21.4	32.8	16.0	12.6	27.7	22.7	34.7	18.8
(WY)	2000	2001	2000	2000	2000	2001	2000	2000	2001	2001	1999	1999
MIN	11.7	18.3	16.2	15.8	13.9	23.6	14.8	12.0	16.5	11.1	13.9	15.6
(WY)	2001	2000	2001	2001	2001	2000	2001	2001	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1999 - 2001		
ANNUAL TOTAL	6205.9			7003					
ANNUAL MEAN	17.0			19.2			19.1		
HIGHEST ANNUAL MEAN							19.2		
LOWEST ANNUAL MEAN							19.0		
HIGHEST DAILY MEAN	198	Mar 30		317	Mar 15		317	Mar 15	2001
LOWEST DAILY MEAN	9.9	Jul 18		11	Many days		9.9	Jul 18	2000
ANNUAL SEVEN-DAY MINIMUM	10	Jul 14		11	May 24		10	Jul 14	2000
MAXIMUM PEAK FLOW				600	Jul 31		600	Jul 31	2001
MAXIMUM PEAK STAGE				8.42	Jul 31		8.42	Jul 31	2001
ANNUAL RUNOFF (CFSM)	1.02			1.16			1.15		
ANNUAL RUNOFF (INCHES)	13.91			15.69			15.64		
10 PERCENT EXCEEDS	24			20			24		
50 PERCENT EXCEEDS	14			14			15		
90 PERCENT EXCEEDS	11			12			12		

FISH RIVER BASIN

02378500 FISH RIVER NEAR SILVER HILL, AL

LOCATION.--Lat 30°32'43", long 87°47'55", in NW 1/4 sec. 8, T. 6 S., R. 3 E., Baldwin County, Hydrologic Unit 03160205, near midchannel on upstream side of bridge on State Highway 104, 0.2 mi downstream from Caney Branch, 0.5 mi upstream from Perone Branch, 2.8 mi west of Silver Hill, and 12 mi upstream from mouth.

DRAINAGE AREA.--55.3 mi².

PERIOD OF RECORD.--July 1953 to September 1969, October 1970 to September 1971, November 1986 to current year.

REVISED RECORDS.--WDR AL-97-1: 1989, 1990, 1992, 1994, 1996 (P).

GAGE.--Water-stage recorder. Altitude of gage is 30 ft (from topographic map).

REMARKS.--Estimated daily discharges: Dec. 16-19, Jan. 18, 19, 25-29. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	40	51	58	59	54	58	44	53	42	394	66
2	41	40	50	55	55	53	56	44	46	55	131	63
3	40	40	49	53	53	68	55	44	42	66	86	63
4	40	40	48	52	51	181	55	44	40	68	72	70
5	40	42	48	51	50	104	55	43	39	51	65	70
6	41	43	48	50	49	75	53	43	39	46	64	66
7	44	53	48	50	49	64	53	42	39	43	68	61
8	42	54	47	51	48	59	52	42	39	42	76	60
9	41	63	47	51	48	59	52	43	44	42	72	64
10	40	60	47	49	61	59	51	44	44	42	65	65
11	40	49	47	50	61	55	50	43	1010	49	286	61
12	40	46	46	53	53	170	50	42	872	57	608	68
13	40	48	46	50	51	585	49	42	186	118	349	66
14	40	63	51	49	51	322	49	41	93	77	144	59
15	39	52	53	50	50	950	49	41	68	53	119	56
16	39	50	e50	68	50	579	63	41	58	46	91	56
17	39	81	e50	66	49	162	55	40	52	44	80	56
18	40	78	e54	e57	48	117	49	40	47	50	77	55
19	40	143	e57	e65	47	99	48	41	46	47	240	58
20	40	106	55	110	47	88	47	41	48	43	253	63
21	45	69	52	76	171	81	47	40	45	57	149	59
22	43	58	58	65	229	75	47	41	48	87	92	56
23	41	54	54	60	91	70	46	43	49	54	76	57
24	41	76	50	56	70	66	46	40	45	45	69	58
25	40	165	49	e53	64	64	46	39	43	333	65	60
26	40	89	48	e51	62	62	45	39	42	927	63	56
27	40	67	50	e51	58	60	45	38	41	596	66	55
28	40	59	129	e50	55	60	44	38	42	276	70	53
29	40	55	110	e50	---	68	44	38	41	124	66	53
30	40	52	72	78	---	66	44	38	41	90	66	52
31	40	---	63	67	---	60	---	39	---	266	70	---
TOTAL	1257	1935	1727	1795	1830	4635	1503	1278	3342	3936	4192	1805
MEAN	40.5	64.5	55.7	57.9	65.4	150	50.1	41.2	111	127	135	60.2
MAX	45	165	129	110	229	950	63	44	1010	927	608	70
MIN	39	40	46	49	47	53	44	38	39	42	63	52
CFSM	.73	1.17	1.01	1.05	1.18	2.70	.91	.75	2.01	2.30	2.45	1.09
IN.	.85	1.30	1.16	1.21	1.23	3.12	1.01	.86	2.25	2.65	2.82	1.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2001, BY WATER YEAR (WY)

	MEAN	98.5	99.2	105	129	126	135	125	96.1	114	128	113	117
MAX	349	219	389	411	288	333	369	253	445	674	276	519	519
(WY)	1996	1996	1954	1998	1961	1990	1996	1991	1989	1997	1969	1998	1998
MIN	39.6	46.5	52.4	57.9	61.0	55.6	50.1	41.2	41.5	40.8	42.0	49.9	49.9
(WY)	1969	1956	1956	2001	2000	1955	2001	2001	1955	2000	2000	1963	1963

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1953 - 2001

ANNUAL TOTAL	20193	29235	115
ANNUAL MEAN	55.2	80.1	194
HIGHEST ANNUAL MEAN			58.4
LOWEST ANNUAL MEAN			1968
HIGHEST DAILY MEAN	496	Mar 30	11900
LOWEST DAILY MEAN	36	Aug 30, 31	36
ANNUAL SEVEN-DAY MINIMUM	37	Aug 25	37
MAXIMUM PEAK FLOW		1930	16900
MAXIMUM PEAK STAGE		12.39	22.78
ANNUAL RUNOFF (CFSM)	1.00	1.45	2.09
ANNUAL RUNOFF (INCHES)	13.58	19.67	28.37
10 PERCENT EXCEEDS	66	105	177
50 PERCENT EXCEEDS	50	52	82
90 PERCENT EXCEEDS	40	40	52

e Estimated

MOBILE RIVER BASIN

02398037 CHATTOOGA RIVER AT CHATTOOGAVILLE, GA

LOCATION.—Lat 34°20'08", long 85°26'43", Chattooga County, Hydrologic Unit 03150105, at bridge on Holland-Chattoogaville Road, 0.4 mi downstream from Hinton Creek, and 0.7 mi south of Chattoogaville, Georgia.

DRAINAGE AREA.—281 mi².

PERIOD OF RECORD.—December 1999 to current year.

GAGE.—Water-stage recorder. Datum of gage is 580 ft above sea level (from topographic map).

REMARKS.—No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77	77	171	135	467	612	546	176	187	156	131	126
2	75	76	164	131	403	548	486	173	316	145	126	150
3	72	77	171	121	361	553	517	167	234	159	126	218
4	71	79	179	118	326	771	925	161	263	190	133	218
5	71	83	165	118	296	661	901	154	227	245	145	160
6	72	85	156	119	273	569	742	153	212	461	175	140
7	70	90	152	121	266	514	654	155	206	359	149	130
8	65	161	149	145	248	471	588	149	443	262	137	122
9	66	643	144	161	237	437	532	151	382	212	138	118
10	66	738	143	149	321	402	490	147	311	214	144	112
11	66	284	140	144	329	376	449	142	261	220	147	107
12	67	194	133	167	283	956	414	142	243	203	143	104
13	71	165	126	189	345	2280	416	138	229	186	326	103
14	70	145	141	184	445	1120	484	130	203	170	525	102
15	69	132	149	181	463	1860	443	128	182	148	309	99
16	69	130	170	171	535	1940	471	124	192	152	212	98
17	67	173	490	165	1570	1160	397	122	176	128	178	97
18	66	198	393	294	1100	883	367	119	170	132	168	96
19	69	167	304	1780	796	748	339	123	165	138	158	100
20	68	156	258	2160	675	3150	317	147	125	141	152	102
21	77	142	224	1030	591	5740	297	126	162	148	131	100
22	74	133	206	739	630	3710	278	121	200	155	121	98
23	72	130	190	604	662	1470	260	118	273	143	106	98
24	71	139	188	520	551	1100	248	117	202	136	104	105
25	71	345	176	447	886	895	240	153	175	132	112	122
26	84	507	162	388	1220	747	227	134	173	148	111	102
27	81	334	158	353	831	647	217	124	168	137	179	98
28	81	252	156	311	704	575	208	149	170	129	189	95
29	81	212	151	281	---	601	198	381	164	137	116	94
30	78	188	143	565	---	782	186	274	159	160	111	95
31	75	---	137	586	---	619	---	193	---	141	114	---
TOTAL	2232	6235	5789	12577	15814	36897	12837	4791	6573	5587	5116	3509
MEAN	72.0	208	187	406	565	1190	428	155	219	180	165	117
MAX	84	738	490	2160	1570	5740	925	381	443	461	525	218
MIN	65	76	126	118	237	376	186	117	125	128	104	94
CFSM	.26	.74	.66	1.44	2.01	4.24	1.52	.55	.78	.64	.59	.42
IN.	.30	.83	.77	1.66	2.09	4.88	1.70	.63	.87	.74	.68	.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
MEAN	72.0	208	187	314	416	897	716	167	175	137	130	98.0
MAX	72.0	208	187	406	565	1190	1004	180	219	180	165	117
(WY)	2001	2001	2001	2001	2001	2001	2000	2000	2001	2001	2001	2001
MIN	72.0	208	187	223	273	604	428	155	131	93.0	94.5	79.0
(WY)	2001	2001	2001	2000	2000	2000	2001	2001	2000	2000	2000	2000

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 2000 - 2001

ANNUAL TOTAL	95652	117957	323
ANNUAL MEAN	261	323	323
HIGHEST ANNUAL MEAN			2001
LOWEST ANNUAL MEAN			2001
HIGHEST DAILY MEAN	6430	5740	6430
LOWEST DAILY MEAN	65	65	65
ANNUAL SEVEN-DAY MINIMUM	67	67	67
MAXIMUM PEAK FLOW		6100	7140
MAXIMUM PEAK STAGE		16.33	17.99
ANNUAL RUNOFF (CFSM)	.93	1.15	1.15
ANNUAL RUNOFF (INCHES)	12.66	15.62	15.63
10 PERCENT EXCEEDS	454	650	576
50 PERCENT EXCEEDS	143	168	160
90 PERCENT EXCEEDS	75	85	81

MOBILE RIVER BASIN

02398250 MILLS CREEK NEAR DEWEY, AL

LOCATION.--Lat 34°19'39", long 85°30'12", in SW¹/₄ sec. 20, T. 8 S., R. 11 E., Cherokee County, Hydrologic Unit 03150105, on county road, at Dewey, about 6 mi northeast of Gaylesville.

DRAINAGE AREA.--67.6 mi².

PERIOD OF RECORD.--October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage 595 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 9.9 ft³/s was measured Aug. 23, 2000 and 8.6 ft³/s was measured on Sept. 19, 2000.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.9	14	26	24	102	142	162	46	54	23	18	19
2	9.1	13	26	23	83	130	143	44	47	22	18	22
3	9.1	13	25	23	69	168	170	42	41	28	18	32
4	9.0	13	24	23	62	269	246	41	48	88	18	31
5	8.9	14	23	23	56	185	379	39	42	48	17	22
6	9.6	14	22	22	49	151	275	39	38	44	17	19
7	9.2	17	22	22	44	132	232	39	37	35	20	18
8	9.1	40	22	30	39	119	203	39	45	32	19	18
9	9.1	273	21	29	38	104	181	38	40	33	18	16
10	9.4	58	21	26	75	87	163	36	37	33	19	16
11	9.5	30	21	26	56	77	146	35	35	29	19	15
12	9.1	25	21	35	55	688	131	34	33	27	19	15
13	9.3	22	21	35	109	733	131	34	31	25	22	14
14	9.3	20	23	33	144	306	124	32	30	24	25	14
15	9.2	18	23	33	132	772	124	31	29	23	20	14
16	9.3	20	35	31	189	438	117	31	31	22	19	14
17	9.4	30	128	31	395	282	99	31	27	21	18	13
18	9.5	27	74	123	222	222	89	30	26	21	18	13
19	9.7	25	58	654	176	201	82	32	25	21	17	13
20	10	24	46	393	150	1700	77	40	24	21	17	12
21	11	22	41	209	129	1220	73	34	23	21	16	11
22	11	21	36	160	162	505	69	32	27	20	16	11
23	12	20	33	132	137	342	66	30	28	20	16	11
24	12	24	32	111	115	273	64	31	25	19	16	12
25	12	94	30	90	338	229	59	38	24	19	16	12
26	14	62	28	75	262	199	55	34	23	19	15	11
27	13	42	28	68	195	175	53	31	22	18	15	10
28	14	34	28	58	168	158	51	34	24	18	25	10
29	13	31	27	56	---	199	50	51	24	19	17	10
30	14	28	25	198	---	228	48	39	23	20	16	9.8
31	14	---	24	135	---	185	---	35	---	19	16	---
TOTAL	325.7	1088	1014	2931	3751	10619	3862	1122	963	832	560	457.8
MEAN	10.5	36.3	32.7	94.5	134	343	129	36.2	32.1	26.8	18.1	15.3
MAX	14	273	128	654	395	1700	379	51	54	88	25	32
MIN	8.9	13	21	22	38	77	48	30	22	18	15	9.8
CFSM	.16	.54	.48	1.40	1.98	5.07	1.90	.54	.47	.40	.27	.23
IN.	.18	.60	.56	1.61	2.06	5.84	2.13	.62	.53	.46	.31	.25

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

MEAN	10.5	36.3	32.7	94.5	134	343	129	36.2	32.1	26.8	18.1	15.3
MAX	10.5	36.3	32.7	94.5	134	343	129	36.2	32.1	26.8	18.1	15.3
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
MIN	10.5	36.3	32.7	94.5	134	343	129	36.2	32.1	26.8	18.1	15.3
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001

SUMMARY STATISTICS

FOR 2001 WATER YEAR

ANNUAL TOTAL	27525.5	
ANNUAL MEAN	75.4	
HIGHEST DAILY MEAN	1700	Mar 20
LOWEST DAILY MEAN	8.9	Oct 1
ANNUAL SEVEN-DAY MINIMUM	9.1	Oct 1
MAXIMUM PEAK FLOW	2380	Mar 20
MAXIMUM PEAK STAGE	6.82	Mar 20
ANNUAL RUNOFF (CFSM)	1.12	
ANNUAL RUNOFF (INCHES)	15.15	
10 PERCENT EXCEEDS	183	
50 PERCENT EXCEEDS	30	
90 PERCENT EXCEEDS	13	

MOBILE RIVER BASIN

02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 34°17'25", long 85°30'33", in NW¹/₄ sec. 5, T. 9 S., R. 11 E., Cherokee County, Hydrologic Unit 03150105, on left bank 10 ft upstream from bridge on county road, 600 ft downstream from Mills Creek, 3.5 mi northeast of Gaylesville, and 20.1 mi upstream from mouth.

DRAINAGE AREA.--366 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1959 to September 1967, October 1967 to September 1971 (annual peak discharge only), October 1971 to September 1984 (flood hydrograph only), October 1984 to current year.

REVISED RECORDS.--WSP 1906: Location. WDR AL-83-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 562.11 ft above sea level (Alabama Power Company benchmark). December 4, 1958, to July 20, 1959, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	99	93	240	174	640	850	803	269	288	187	142	145
2	97	93	227	168	554	757	715	262	425	174	134	174
3	94	93	234	156	497	792	754	253	335	189	131	292
4	93	97	243	152	456	1180	1300	246	366	290	143	299
5	91	102	225	152	423	971	1440	235	320	319	144	212
6	96	106	211	154	393	811	1160	230	294	560	197	178
7	91	116	204	157	381	724	1010	233	278	446	167	161
8	87	228	199	192	357	663	895	222	530	335	154	149
9	85	891	193	214	343	613	800	223	463	283	147	142
10	85	950	189	199	443	561	732	215	384	273	155	135
11	86	384	186	191	448	520	665	207	332	286	162	125
12	87	266	178	228	401	1550	610	204	310	255	154	120
13	92	222	170	259	496	3240	600	198	291	232	353	117
14	94	192	189	253	645	1630	669	188	261	204	625	115
15	91	171	199	246	654	2680	626	181	233	173	383	110
16	90	172	227	233	747	2600	649	175	247	171	270	108
17	89	230	649	225	2090	1630	554	171	223	146	223	106
18	85	270	508	410	1510	1280	507	166	212	138	208	102
19	84	228	397	2400	1120	1100	474	174	203	149	194	107
20	87	212	345	2790	934	4210	448	220	156	152	186	112
21	99	190	302	1420	808	6500	427	182	190	157	158	107
22	97	176	275	1030	885	4690	406	173	227	170	142	104
23	92	170	251	825	907	2050	385	166	342	157	122	102
24	91	183	245	704	748	1560	370	166	259	147	112	111
25	91	444	231	608	1270	1280	360	220	219	144	124	142
26	103	654	211	529	1680	1080	341	198	215	159	123	118
27	100	443	207	483	1180	933	328	177	204	148	162	108
28	100	349	203	437	997	831	314	203	207	136	270	102
29	97	298	196	406	---	887	303	476	204	153	135	100
30	97	263	186	811	---	1150	287	382	193	185	126	98
31	93	---	177	814	---	910	---	281	---	159	125	---
TOTAL	2863	8286	7697	17020	22007	50233	18932	6896	8411	6677	5871	4101
MEAN	92.4	276	248	549	786	1620	631	222	280	215	189	137
MAX	103	950	649	2790	2090	6500	1440	476	530	560	625	299
MIN	84	93	170	152	343	520	287	166	156	136	112	98
CFSM	.25	.75	.68	1.50	2.15	4.43	1.72	.61	.77	.59	.52	.37
IN.	.29	.84	.78	1.73	2.24	5.11	1.92	.70	.85	.68	.60	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2001, BY WATER YEAR (WY)

	MEAN	307	405	613	986	1222	1416	899	559	367	346	222	207
MAX	1120	1455	2172	2206	3836	3112	1835	1421	1470	1106	419	476	
(WY)	1990	1993	1962	1962	1990	1964	1964	1966	1989	1989	1985	1989	
MIN	92.4	105	122	252	338	312	245	179	111	108	113	107	
(WY)	2001	1988	2000	1966	1988	1988	1986	1986	1988	1986	1987	2000	

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1959 - 2001

ANNUAL TOTAL	126769	158994											
ANNUAL MEAN	346	436											
HIGHEST ANNUAL MEAN										633			
LOWEST ANNUAL MEAN										1147			1990
HIGHEST DAILY MEAN	7370	Apr 5	6500	Mar 21	20800	Feb 17 1990							
LOWEST DAILY MEAN	84	Oct 19	84	Oct 19	82	Aug 15 1988							
ANNUAL SEVEN-DAY MINIMUM	88	Oct 7	88	Oct 7	88	Oct 7 2000							
MAXIMUM PEAK FLOW			6630	Mar 21	23300	Feb 17 1990							
MAXIMUM PEAK STAGE			16.84	Mar 21	24.25	Feb 17 1990							
ANNUAL RUNOFF (CFSM)	.95		1.19		1.73								
ANNUAL RUNOFF (INCHES)	12.88		16.16		23.49								
10 PERCENT EXCEEDS	628		919		1280								
50 PERCENT EXCEEDS	189		225		324								
90 PERCENT EXCEEDS	97		101		140								

MOBILE RIVER BASIN

02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966-68, 1972, 1974, 1988 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DISIT FIELD MG/L AS CO3 (00452)
OCT 16...	1330	14.4	26.0	763	3.90	90	833	883	10.5	103	8.3	7.8	.0
NOV 08...	1100	17.3	24.0	759	4.44	194	831	793	6.7	70	8.0	7.4	.0
DEC 12...	1130	9.1	6.0	756	4.35	176	556	582	10.8	95	8.2	7.7	--
DATE		BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)		
OCT 16...		187	153	--	.56	.49	--	--	<.041	E.004	--		
NOV 08...		205	168	900	.85	.72	.51	.38	.059	E.004	--		
DEC 12...		168	138	--	.76	.54	--	--	<.040	.006	.354		
DATE		NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L ASN) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)		
OCT 16...		.29	.35	.208	--	--	--	1.33	.525	.510	.434		
NOV 08...		.44	.57	.286	.08	--	--	1.09	.473	.430	.356		
DEC 12...		.18	.40	.360	--	1.57	.020	.374	.179	.157	.122		
DATE		CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
OCT 16...		3.5	.3	130	33.4	10.4	131	5	68	7.98	58.5		
NOV 08...		4.0	--	110	30.4	9.40	114	5	66	8.40	49.6		
DEC 12...		2.9	<.2	120	35.5	7.83	69.5	3	54	5.49	28.4		

MOBILE RIVER BASIN

02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	FLUO- SULFATE DIS- SOLVED (MG/L AS SO ₄) (00945)	SILICA, RIDE, DIS- SOLVED (MG/L AS F) (00950)	DIS- SOLVED (MG/L AS SIO ₂) (00955)	MANGA- IRON, DIS- SOLVED (UG/L AS FE) (01046)	RESIDUE NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, SUM OF AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SOLIDS, CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 16...	187	E.1	4.5	M	23.3	544	527	132	.74
NOV 08...	157	E.1	6.1	30	35.6	483	479	253	.66
DEC 12...	97.4	E.1	4.3	10	22.5	347	333	165	.47

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 16...	1330	90	4	.97	84
NOV 08...	1100	194	14	7.3	92
DEC 12...	1130	176	4	1.9	93

MOBILE RIVER BASIN

02398950 WEST FORK LITTLE RIVER AT DESOTO STATE PARK NEAR FORT PAYNE, AL

LOCATION.—Lat 34°29'30", long 85°37'00", in SW¹/₄ sec. 20, T. 6 S., R. 10 E., DeKalb County, Ala., Hydrologic Unit 03150105, on right bank just off DeSoto Parkway near Park Headquarters, 8 mi northeast of Fort Payne.

DRAINAGE AREA.—42.8 mi².

PERIOD OF RECORD.—October 1997 to current year.

GAGE.—Water-stage recorder. Altitude of gage is 1,370 ft, from topographic map.

REMARKS.—No estimated daily discharges. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	.15	47	31	106	117	98	20	51	22	4.1	2.7
2	2.3	.20	41	28	94	102	89	18	59	16	3.0	8.4
3	2.0	.23	41	26	84	99	109	16	50	14	2.5	26
4	1.8	.41	39	26	76	131	179	14	43	35	2.3	23
5	1.6	.48	41	26	70	136	172	12	35	62	2.0	14
6	1.5	.53	40	25	64	122	148	12	28	102	2.0	8.9
7	1.4	.83	37	26	57	108	127	13	39	68	2.7	6.6
8	1.3	1.6	34	66	52	93	108	12	73	42	3.5	5.3
9	1.2	233	30	70	51	84	96	13	79	27	2.6	4.5
10	1.0	138	28	62	115	74	86	12	59	20	6.7	4.0
11	.82	70	26	59	104	67	77	10	42	18	7.2	3.2
12	.65	47	27	75	100	179	70	9.3	33	14	6.2	2.7
13	.48	35	26	76	111	378	82	8.6	24	9.8	6.8	2.5
14	.36	26	41	72	133	207	100	7.4	20	7.1	7.2	2.2
15	.32	21	49	68	138	430	105	6.5	19	5.3	5.3	1.8
16	.29	24	58	61	194	340	116	5.7	26	4.2	4.4	1.7
17	.28	83	117	57	561	208	98	5.0	17	4.2	3.2	1.5
18	.24	78	102	191	284	164	85	4.4	13	3.7	2.5	1.4
19	.19	62	88	1090	188	141	76	6.6	9.4	3.4	1.9	1.8
20	.14	52	74	708	151	765	68	7.5	7.5	2.5	1.6	2.1
21	.14	43	66	299	127	784	61	5.9	5.9	2.3	1.3	2.4
22	.13	35	59	191	155	562	54	5.6	17	2.4	1.0	2.2
23	.13	31	51	149	150	410	49	5.2	65	2.8	.88	2.0
24	.11	43	47	122	128	238	44	5.3	33	4.3	.69	8.5
25	.10	249	45	102	233	179	39	8.7	22	3.8	.57	9.2
26	.12	168	41	90	234	147	34	7.8	19	15	.52	8.1
27	.20	107	41	82	172	123	30	7.0	17	6.6	.50	6.6
28	.18	79	43	73	141	105	27	38	39	5.0	.51	5.5
29	.16	65	40	70	---	105	25	149	39	5.9	.86	4.5
30	.16	55	36	143	---	120	22	79	29	8.7	1.6	3.7
31	.15	---	32	128	---	108	---	52	---	5.6	1.5	---
TOTAL	22.05	1748.43	1487	4292	4073	6826	2474	576.5	1012.8	542.6	87.63	177.0
MEAN	.71	58.3	48.0	138	145	220	82.5	18.6	33.8	17.5	2.83	5.90
MAX	2.6	249	117	1090	561	784	179	149	79	102	7.2	26
MIN	.10	.15	26	25	51	67	22	4.4	5.9	2.3	.50	1.4
CFSM	.02	1.36	1.12	3.23	3.40	5.14	1.93	.43	.79	.41	.07	.14
IN.	.02	1.52	1.29	3.73	3.54	5.93	2.15	.50	.88	.47	.08	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)

	13.6	29.4	53.8	175	159	148	132	52.8	27.0	18.4	2.50	3.15
MEAN	13.6	29.4	53.8	175	159	148	132	52.8	27.0	18.4	2.50	3.15
MAX	51.2	58.3	78.8	237	254	220	227	109	39.1	50.3	5.17	5.90
(WY)	1998	2001	1998	1998	1998	2001	2000	1999	1999	1999	1998	2001
MIN	.14	3.61	25.0	101	101	104	75.4	17.5	11.6	2.80	.93	.028
(WY)	2000	1999	2000	2000	2000	1998	1999	2000	2000	1998	2000	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1997 - 2001

ANNUAL TOTAL	22246.30	23319.01	
ANNUAL MEAN	60.8	63.9	67.5
HIGHEST ANNUAL MEAN			83.7
LOWEST ANNUAL MEAN			54.7
HIGHEST DAILY MEAN	1880	1090	1880
LOWEST DAILY MEAN	.05	.10	.01
ANNUAL SEVEN-DAY MINIMUM	.09	.12	.01
MAXIMUM PEAK FLOW		1570	3130
MAXIMUM PEAK STAGE		8.91	11.18
ANNUAL RUNOFF (CFSM)	1.42	1.49	1.58
ANNUAL RUNOFF (INCHES)	19.34	20.27	21.42
10 PERCENT EXCEEDS	121	147	150
50 PERCENT EXCEEDS	21	28	26
90 PERCENT EXCEEDS	.24	1.0	.40

MOBILE RIVER BASIN

02399200 LITTLE RIVER NEAR BLUE POND, AL

LOCATION.--Lat 34°17'20", long 85°40'50", in NE 1/4 sec. 3, T. 9 S., R. 9 E., Cherokee County, Hydrologic Unit 03150105, on right bank at Canyon Mouth Park, 0.9 mi upstream from State Highway 176, 2.5 mi upstream from Wolf Creek, 4.2 mi northeast of Blue Pond, and 7.5 miles upstream from mouth.

DRAINAGE AREA.--199 mi².

PERIOD OF RECORD.--October 1958 to September 1967, October 1967 to September 1970 (flood hydrograph and low-flow partial-record station), October 1970 to current year.

REVISED RECORD.--WDR AL-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 589.34 ft above sea level. Dec. 1, 1958, to Aug. 1, 1959, nonrecording gage on highway bridge 0.9 mi downstream, and Aug. 2, 1959, to May 27, 1981, recording gage 0.7 mile downstream at datum 7.96 ft lower.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	3.4	333	159	745	698	553	75	193	85	79	40
2	12	3.5	281	148	614	593	474	71	297	69	60	96
3	10	3.6	251	137	517	628	507	67	227	66	50	283
4	9.2	3.7	233	135	452	989	1010	60	216	131	50	340
5	7.9	3.8	213	136	403	960	1650	55	179	221	41	230
6	7.6	4.3	203	131	358	831	1230	50	140	438	43	156
7	6.3	6.3	190	127	322	697	957	47	121	330	41	113
8	5.6	15	176	246	292	582	771	51	252	201	35	87
9	5.0	2270	161	378	273	511	645	54	268	139	29	68
10	4.4	1310	149	320	523	425	543	54	201	114	43	60
11	3.7	562	143	300	539	374	456	51	144	94	85	53
12	3.3	359	132	374	499	1390	386	48	111	90	85	42
13	3.0	260	122	419	699	3090	379	43	90	71	219	35
14	2.8	199	162	390	934	1670	445	37	73	55	204	29
15	2.6	160	221	370	922	2650	429	33	64	43	155	24
16	2.4	163	287	332	985	2340	499	29	63	34	130	20
17	2.6	524	719	303	2790	1500	419	26	65	29	60	17
18	2.7	545	679	702	1820	1110	358	23	50	25	47	15
19	2.7	408	578	3890	1250	915	316	22	36	22	44	14
20	2.8	350	477	3580	968	4790	269	24	29	20	48	14
21	3.0	284	399	1930	769	4330	220	35	24	28	39	14
22	3.3	233	348	1280	878	2750	192	39	37	31	31	13
23	4.0	202	300	982	899	1920	169	32	160	26	25	11
24	4.1	233	273	787	746	1350	151	31	138	21	21	13
25	4.0	1650	252	634	1130	1040	140	34	86	18	18	15
26	3.9	1280	228	525	1470	832	124	47	65	17	16	18
27	3.8	820	220	464	1090	678	111	48	54	16	72	24
28	3.8	593	233	403	869	574	96	47	57	25	60	21
29	3.6	464	218	374	---	581	90	546	109	44	38	17
30	3.4	383	192	1010	---	709	81	325	104	121	29	14
31	3.4	---	172	958	---	628	---	176	---	104	27	---
TOTAL	150.9	13295.6	8545	21924	23756	42135	13670	2280	3653	2728	1924	1896
MEAN	4.87	443	276	707	848	1359	456	73.5	122	88.0	62.1	63.2
MAX	14	2270	719	3890	2790	4790	1650	546	297	438	219	340
MIN	2.4	3.4	122	127	273	374	81	22	24	16	16	11
CFSM	.02	2.23	1.39	3.55	4.26	6.83	2.29	.37	.61	.44	.31	.32
IN.	.03	2.49	1.60	4.10	4.44	7.88	2.56	.43	.68	.51	.36	.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2001, BY WATER YEAR (WY)

	MEAN	180	374	624	963	953	1099	710	364	168	190	78.2	109
MAX	1080	1583	2020	1848	3000	2596	1939	1114	1101	1690	578	676	
(WY)	1976	1993	1983	1982	1990	1980	1979	1984	1989	1985	1984	1979	
MIN	1.35	2.69	24.1	132	293	209	118	33.1	4.53	1.83	1.77	.58	
(WY)	1988	1988	1966	1981	1978	1974	1986	1986	1988	1960	1980	1999	

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1959 - 2001

ANNUAL TOTAL	111495.67	135957.5	
ANNUAL MEAN	305	372	482
HIGHEST ANNUAL MEAN			784
LOWEST ANNUAL MEAN			192
HIGHEST DAILY MEAN	8130	4790	27100
LOWEST DAILY MEAN	.87	2.4	.20
ANNUAL SEVEN-DAY MINIMUM	1.1	2.7	.29
MAXIMUM PEAK FLOW		8020	* 53800
MAXIMUM PEAK STAGE		8.39	16.98
ANNUAL RUNOFF (CFSM)	1.53	1.87	2.42
ANNUAL RUNOFF (INCHES)	20.84	25.42	32.93
10 PERCENT EXCEEDS	722	959	1200
50 PERCENT EXCEEDS	71	144	165
90 PERCENT EXCEEDS	2.6	11	5.4

* From rating curve extended above 23,000 ft³/s on basis of contracted opening and flow over road.

MOBILE RIVER BASIN

02399500 COOSA RIVER AT LEESBURG, AL

LOCATION.--Lat 34°10'36", long 85°45'15", in SW¹/₄ sec. 12, T. 10 S., R. 8 E., Cherokee County, Hydrologic Unit 03150105, at bridge on U.S. Highway 411, in pool in Weiss Reservoir, 1 mi east of Leesburg, and at mile 226.1.

DRAINAGE AREA.--5,270 mi².

PERIOD OF RECORD.--October 1937 to September 1958. May 1988 to current year (elevations only). Gage-height records October 1959 to April 1988 are unpublished.

GAGE.--Water-stage recorder. Datum of gage is sea level. October 1937 to September 1958 at present site and datum of 517.77 ft above sea level.

REMARKS.--Records good. Since December 1949, flow regulated by Allatoona Reservoir (station 02393500) 158.8 mi upstream. Stage affected by Weiss Reservoir since April 1961.

AVERAGE DISCHARGE.--21 years (water years 1938-58), 8,161 ft³/s, 21.03 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,200 ft³/s, Feb. 14, 1946, Jan. 24, 1947, gage height, 35.1 ft (former datum), from graph based on wire-weight gage reading; minimum daily discharge, 1,130 ft³/s, Oct. 24-26, 1941. Maximum elevation (since May 1988), 570.87, Mar. 19, 1990; minimum elevation (since May 1988), 556.11 ft, Dec. 25, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 564.72 ft, June 26; minimum elevation, 558.43 ft, Nov. 3, 6, 7.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	560.71	558.84	560.36	559.15	559.85	561.08	562.35	563.79	564.48	564.33	564.01	563.08
2	560.65	558.75	560.40	559.08	559.87	561.15	562.40	563.81	564.46	564.43	563.82	563.22
3	560.45	558.62	560.53	558.96	559.91	561.25	562.47	563.79	564.45	564.28	563.59	563.50
4	560.36	558.55	560.45	558.87	559.90	561.58	562.64	563.79	564.46	564.27	563.51	563.76
5	560.28	558.63	560.26	558.81	559.98	561.88	562.72	563.79	564.23	564.44	563.63	563.77
6	560.18	558.63	560.17	558.82	560.13	561.96	562.94	563.88	564.13	564.31	563.45	563.67
7	560.26	558.51	560.01	558.98	560.34	561.91	563.01	564.03	564.09	564.32	563.33	563.56
8	560.41	558.62	559.84	558.99	560.30	561.79	563.05	563.96	563.89	564.47	563.25	563.54
9	560.36	559.19	559.86	558.82	560.24	561.59	563.09	563.93	563.96	564.37	563.10	563.65
10	560.20	560.37	559.97	558.77	560.30	561.65	563.10	563.90	564.18	564.13	563.03	563.66
11	560.16	561.35	559.86	558.76	560.55	561.93	563.01	563.91	564.21	563.86	563.14	563.53
12	560.06	561.82	559.65	558.76	560.66	562.08	562.85	563.94	564.04	563.75	563.34	563.45
13	559.92	561.95	559.45	558.87	560.39	562.16	562.82	563.96	564.11	563.63	563.55	563.33
14	559.90	561.99	559.30	559.03	560.36	562.05	563.10	563.98	564.17	563.55	563.65	563.23
15	559.99	562.02	559.14	559.01	560.36	561.97	563.43	563.96	564.21	563.63	563.55	563.19
16	559.97	561.94	559.14	558.87	560.27	562.16	563.52	563.96	564.27	563.62	563.34	563.27
17	559.77	561.65	559.35	558.75	560.21	562.32	563.40	563.94	564.35	563.52	563.20	563.28
18	559.61	561.64	559.54	558.78	560.68	562.21	563.41	563.90	564.39	563.46	563.28	563.17
19	559.55	561.55	559.62	559.07	560.74	562.18	563.39	563.86	564.34	563.36	563.39	563.09
20	559.44	561.27	559.51	560.02	560.76	562.41	563.33	563.75	564.29	563.29	563.38	562.97
21	559.39	561.08	559.38	560.62	560.68	563.87	563.45	563.74	564.20	563.33	563.26	562.80
22	559.42	560.85	559.15	560.57	560.68	564.27	563.55	563.76	564.19	563.33	563.16	562.68
23	559.46	560.80	559.16	560.06	560.88	564.25	563.65	563.77	564.30	563.35	563.04	562.64
24	559.30	561.00	559.31	559.60	561.04	564.14	563.67	563.73	564.43	563.40	562.95	562.64
25	559.22	561.01	559.38	559.42	561.04	563.78	563.75	563.79	564.58	563.40	562.97	562.51
26	559.11	560.95	559.37	559.22	561.21	563.15	563.76	563.85	564.57	563.59	563.02	562.49
27	558.99	560.89	559.31	559.50	561.30	563.04	563.74	563.84	564.39	563.80	562.96	562.43
28	558.92	560.74	559.31	559.76	561.14	562.84	563.77	564.06	564.32	564.02	562.85	562.43
29	558.97	560.59	559.04	559.79	---	562.50	563.86	564.27	564.32	564.08	562.81	562.50
30	558.99	560.47	559.00	559.72	---	562.29	563.88	564.36	564.23	564.23	562.83	562.55
31	558.87	---	559.10	559.80	---	562.27	---	564.35	---	564.15	562.88	---
MEAN	559.77	560.48	559.61	559.27	560.49	562.38	563.24	563.91	564.27	563.86	563.27	563.12
MAX	560.71	562.02	560.53	560.62	561.30	564.27	563.88	564.36	564.58	564.47	564.01	563.77
MIN	558.87	558.51	559.00	558.75	559.85	561.08	562.35	563.73	563.89	563.29	562.81	562.43
CAL YR 2000	MEAN 561.29		MAX 565.39		MIN 557.36							
WTR YR 2001	MEAN 561.98		MAX 564.58		MIN 558.51							

MOBILE RIVER BASIN

02400100 TERRAPIN CREEK AT ELLISVILLE, AL

LOCATION.--Lat 34°03'54", long 85°36'51", in SW¹/₄ sec. 20, T. 11 S., R. 10 E., Cherokee County, Hydrologic Unit 03150105, on right bank 40 ft downstream from bridge on State Highway 9, 0.2 mi southwest of Ellsville, and 6.7 miles upstream from mouth.

DRAINAGE AREA.--252 mi².

PERIOD OF RECORD.--October 1962 to September 1967, October 1967 to September 1972 (annual peak discharge only), October 1972 to September 1979 (flood hydrograph only), October 1980 to current year.

REVISED RECORD.--WDR AL-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 539.07 ft above sea level.

REMARKS.--Estimated daily discharges: Oct. 22 to Nov. 7, July 10, 11. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	e80	122	114	391	685	621	202	746	539	184	225
2	56	e76	115	111	318	588	544	195	720	464	153	201
3	56	e76	112	107	275	849	612	188	560	313	143	274
4	55	e75	109	107	250	1670	813	182	522	286	152	536
5	54	e75	106	107	233	1260	1190	175	1360	374	162	475
6	59	e80	103	107	214	895	927	170	709	486	153	292
7	82	e100	101	109	203	683	748	165	510	346	147	221
8	79	210	99	159	193	575	635	163	564	270	145	185
9	69	525	97	206	186	502	559	165	632	238	143	164
10	64	743	96	185	234	434	500	165	481	e400	190	152
11	63	338	95	168	243	378	445	157	415	e600	150	143
12	61	183	94	183	231	780	403	188	413	410	148	138
13	59	129	93	207	375	1620	405	180	346	294	595	133
14	62	107	103	198	450	1090	423	152	299	246	510	128
15	61	95	128	190	400	2120	585	140	269	213	285	122
16	61	95	147	181	376	1750	682	134	340	193	212	134
17	61	114	297	171	971	1200	534	128	282	181	179	116
18	62	127	293	247	820	885	439	124	237	169	158	111
19	62	144	220	1500	574	706	380	132	211	163	146	114
20	70	243	179	1730	448	4240	333	193	193	163	139	116
21	72	209	156	1090	377	3180	306	171	185	316	133	112
22	e66	162	143	652	536	2060	285	165	272	187	125	108
23	e64	139	131	499	642	1740	267	175	311	163	121	105
24	e63	129	124	411	499	1440	255	161	251	151	117	118
25	e62	172	119	345	1400	1170	256	194	208	148	114	126
26	e62	241	115	285	1800	968	242	196	208	149	111	120
27	e65	192	115	253	1220	708	229	165	199	147	110	112
28	e70	159	124	231	945	577	221	941	247	140	110	105
29	e75	140	128	224	---	643	215	1870	425	155	109	100
30	e68	131	123	512	---	824	211	869	360	212	111	101
31	e70	---	118	523	---	696	---	587	---	257	123	---
TOTAL	1991	5289	4105	11112	14804	36916	14265	8792	12475	8373	5378	5087
MEAN	64.2	176	132	358	529	1191	476	284	416	270	173	170
MAX	82	743	297	1730	1800	4240	1190	1870	1360	600	595	536
MIN	54	75	93	107	186	378	211	124	185	140	109	100
CFSM	.25	.70	.53	1.42	2.10	4.73	1.89	1.13	1.65	1.07	.69	.67
IN.	.29	.78	.61	1.64	2.19	5.45	2.11	1.30	1.84	1.24	.79	.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2001, BY WATER YEAR (WY)

	205	248	358	577	754	825	629	375	260	217	198	151
MEAN	1261	897	1152	1293	1961	1735	1215	843	972	702	759	305
MAX (WY)	1996	1996	1984	1993	1990	1964	1982	1966	1989	1989	1984	1966
MIN (WY)	64.2	89.7	97.6	137	215	200	143	113	79.0	73.9	61.4	57.9
	2001	1988	1989	1981	2000	1988	1986	1986	1988	1986	2000	2000

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1963 - 2001

ANNUAL TOTAL	71114	128587	
ANNUAL MEAN	194	352	398
HIGHEST ANNUAL MEAN			657
LOWEST ANNUAL MEAN			147
HIGHEST DAILY MEAN	4030	4240	12000
LOWEST DAILY MEAN	48	54	48
ANNUAL SEVEN-DAY MINIMUM	50	60	50
MAXIMUM PEAK FLOW		6620	20100
MAXIMUM PEAK STAGE		15.42	19.82
ANNUAL RUNOFF (CFSM)	.77	1.40	1.58
ANNUAL RUNOFF (INCHES)	10.50	18.98	21.46
10 PERCENT EXCEEDS	316	747	844
50 PERCENT EXCEEDS	122	193	210
90 PERCENT EXCEEDS	55	81	96

e Estimated

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02400496 COOSA RIVER AT GADSDEN STEAMPLANT NEAR GADSDEN, AL

LOCATION.--Lat 34°00'50", long 85°58'13", in SE¹/₄ sec. 2, T. 12 S., R. 6 E., Etowah County, Hydrologic Unit 03150106, at Alabama Power Company intake structure on left bank at Gadsden Steamplant, 1 mi east of Gadsden, 1.1 mi downstream of Coal Creek, and at mile 174.8.

DRAINAGE AREA.--5,800 mi².

PERIOD OF RECORD.--May 1965 to current year. Daily gage heights are published beginning October 1994.

GAGE.--Water-stage recorder. Datum of gage is 485.97 ft above sea level. Gage was used as auxiliary water-stage recorder for station 02400500, Coosa River at Gadsden, AL for the period May 1965 to September 1996.

REMARKS.--No estimated daily gage heights. Records good. Since December 1949, flow regulated by Allatoona Reservoir (station 02393500) 158.8 mi upstream, and since April 1961, by Weiss Reservoir (station 02399499) 51.3 mi upstream.

EXTREMES FOR PERIOD SINCE OCTOBER 1994.--Maximum gage height, 25.75 ft, Oct. 5, 1995; minimum gage height, 13.37 ft, Feb. 8, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.35 ft, Mar. 22; minimum gage height, 17.95 ft, Nov. 10.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	19.18	18.84	---	18.75	19.41	20.38	21.98	22.23	21.65	21.77	21.62
2	---	19.12	18.87	---	18.90	18.68	20.08	22.00	22.49	21.82	21.56	21.69
3	---	19.07	18.88	---	18.88	18.80	20.95	22.07	22.20	21.76	21.36	21.74
4	---	19.10	18.83	---	18.85	19.01	21.17	22.07	22.45	21.74	21.31	21.87
5	---	19.13	18.59	18.78	18.90	19.04	22.25	22.06	22.42	21.85	21.35	22.03
6	---	18.99	18.64	18.89	18.90	19.16	21.80	22.04	22.19	21.76	21.16	21.79
7	---	18.81	18.69	19.01	18.77	19.32	21.63	21.94	21.95	21.78	21.26	21.56
8	---	18.76	18.77	18.84	18.87	19.12	21.53	21.95	21.86	21.97	21.45	21.52
9	---	18.95	18.83	18.83	18.91	18.78	21.40	22.01	21.69	21.73	21.60	21.55
10	---	18.61	18.84	18.84	18.84	19.53	21.37	21.99	21.86	21.91	21.75	21.41
11	---	18.30	18.77	18.82	18.83	20.20	21.10	21.99	21.97	22.03	21.72	21.55
12	---	18.68	18.73	18.90	18.79	20.89	20.92	21.99	21.84	22.03	21.88	21.56
13	19.59	18.83	18.62	18.90	18.83	22.32	20.90	21.99	21.89	21.90	21.78	21.55
14	19.62	18.88	18.81	18.81	19.12	22.98	21.17	22.00	21.97	21.88	21.79	21.61
15	19.67	18.80	18.71	18.89	18.78	22.84	21.58	21.98	22.02	21.93	21.68	21.70
16	19.62	18.84	18.79	18.71	18.97	22.75	21.82	21.98	22.02	21.97	21.61	21.72
17	19.52	18.80	18.86	18.68	19.10	22.37	21.80	21.98	21.96	21.89	21.43	21.59
18	19.51	18.86	18.85	18.83	18.76	22.14	21.86	21.94	21.92	21.80	21.07	21.62
19	19.47	18.93	18.77	19.65	19.25	21.53	21.88	21.89	21.88	21.76	20.91	21.67
20	19.41	18.80	---	20.46	19.06	23.08	21.92	21.70	21.90	21.80	21.09	21.66
21	19.35	18.88	---	20.84	18.85	23.43	21.87	21.74	21.91	22.09	21.23	21.77
22	19.34	18.94	---	20.77	19.19	24.09	21.87	21.78	22.00	22.07	21.30	21.74
23	19.34	18.97	---	20.77	19.03	24.05	21.63	21.85	22.00	21.90	21.31	21.65
24	19.39	18.69	---	20.30	19.01	23.14	21.67	21.92	22.07	21.74	21.19	21.54
25	19.31	18.71	---	19.01	19.04	22.42	21.67	22.04	21.89	21.64	21.14	21.56
26	19.30	18.72	---	19.06	19.48	21.97	21.80	22.02	21.72	21.64	21.17	21.51
27	19.32	18.59	---	18.94	19.88	20.96	21.86	21.94	21.73	21.52	21.18	21.54
28	19.34	18.57	---	18.85	20.04	21.19	21.94	22.15	21.81	21.63	21.18	21.49
29	19.38	18.67	---	18.90	---	21.15	21.99	21.94	21.74	21.87	21.19	21.51
30	19.36	18.77	---	18.92	---	21.34	22.01	21.96	21.65	22.02	21.18	21.38
31	19.27	---	---	18.85	---	21.13	---	21.89	---	21.87	21.29	---
MEAN	---	18.83	---	---	19.02	21.19	21.53	21.96	21.97	21.84	21.38	21.62
MAX	---	19.18	---	---	20.04	24.09	22.25	22.15	22.49	22.09	21.88	22.03
MIN	---	18.30	---	---	18.75	18.68	20.08	21.70	21.65	21.52	20.91	21.38

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02400500 COOSA RIVER AT GADSDEN, AL

LOCATION.--Lat 34°00'37", long 85°59'52", in NW¹/₄ sec. 10, T. 12 S., R. 6 E., Etowah County, Hydrologic Unit 03150106, near midstream in pier of Etowah County Memorial Bridge on Forrest Avenue in Gadsden, 450 ft downstream from Louisville & Nashville Railroad bridge, 1.5 mi upstream from Big Wills Creek, and at mile 172.9.

DRAINAGE AREA.--5,805 mi².

PERIOD OF RECORD.--October 1926 to September 1976. October 1971 to current year (flood hydrograph and gage height record only).

Gage-height records collected at same site since 1890 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1906: 1944, 1947-49, 1951-52, 1954, 1958. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 485.97 ft above sea level. Prior to Oct. 1, 1926, nonrecording gage on Louisville & Nashville Railroad bridge 450 ft upstream at datum 1.15 ft higher. Oct. 1, 1926, to Mar. 31, 1932, water-stage recorder, and Apr. 1, 1932, to May 23, 1935, nonrecording gage, at present site and datum. Since May 4, 1965, auxiliary water-stage recorder 2.2 mi upstream from base gage at present datum.

REMARKS.--No estimated daily gage heights. Record good. Since December 1949, flow regulated by Allatoona Reservoir (station 02393500) 158.8 mi upstream and since April 1961, by Weiss Reservoir (stations 02399499) 53.3 mi upstream.

AVERAGE DISCHARGE.--50 years, (water years 1927-76) 9,468 ft³/s, 22.15 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76,900 ft³/s, Apr. 11, 1936, gage height, 31.13 ft; minimum daily, 100 ft³/s, many days in water year 1967.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 6, 1886, reached a stage of 37.9 ft, from floodmarks established by U.S. Army Corps of Engineers, discharge, 115,000 ft³/s, from rating curve extended above 80,000 ft³/s. Flood of July 15, 1916, reached a stage of 32.7 ft, discharge, 85,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.40 ft, Mar. 22; minimum, 17.75 ft, Nov. 10.

**GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.68	19.01	---	18.67	18.56	19.13	20.25	21.78	21.95	21.43	21.54	21.44
2	19.67	18.93	---	18.63	18.74	18.46	19.88	21.81	22.16	21.59	21.33	21.53
3	19.65	18.87	---	18.61	18.72	18.60	20.77	21.88	21.89	21.52	21.13	21.56
4	19.60	18.91	---	18.55	18.72	18.82	20.91	21.88	21.99	21.53	21.13	21.70
5	19.53	18.94	---	18.66	18.77	18.80	21.98	21.88	22.04	21.60	21.16	21.81
6	19.52	18.80	---	18.80	18.77	18.90	21.59	21.87	21.85	21.47	20.96	21.59
7	19.57	18.62	---	18.90	18.66	19.06	21.41	21.75	21.64	21.56	21.08	21.35
8	19.57	18.58	18.62	18.71	18.74	18.83	21.33	21.76	21.53	21.77	21.25	21.35
9	19.51	18.77	18.69	18.70	18.79	18.55	21.23	21.82	21.44	21.46	21.40	21.38
10	19.49	18.45	18.71	18.72	18.71	19.40	21.17	21.80	21.67	21.62	21.55	21.21
11	19.49	18.13	18.60	18.69	18.74	20.10	20.89	21.81	21.72	21.78	21.56	21.35
12	19.48	18.50	18.55	18.79	18.62	20.68	20.70	21.80	21.62	21.82	21.72	21.38
13	19.42	18.65	18.47	18.80	18.63	21.91	20.71	21.80	21.70	21.68	21.58	21.36
14	19.46	18.70	18.66	18.70	18.96	22.48	21.03	21.81	21.77	21.69	21.56	21.42
15	19.52	18.62	18.53	18.77	18.61	22.27	21.43	21.79	21.82	21.75	21.46	21.54
16	19.45	18.63	18.68	18.58	18.80	22.20	21.63	21.79	21.83	21.77	21.37	21.55
17	19.35	18.60	18.72	18.56	18.84	21.87	21.62	21.80	21.78	21.69	21.24	21.41
18	19.35	18.74	18.68	18.70	18.53	21.71	21.65	21.74	21.73	21.60	20.90	21.43
19	19.31	18.75	18.59	19.34	18.95	21.24	21.66	21.70	21.69	21.56	20.75	21.48
20	19.25	18.63	18.51	20.04	18.79	22.55	21.71	21.49	21.70	21.61	20.90	21.47
21	19.19	18.72	18.42	20.38	18.63	22.70	21.68	21.54	21.71	21.91	21.05	21.58
22	19.19	18.77	18.43	20.27	18.99	23.23	21.69	21.60	21.79	21.88	21.11	21.55
23	19.18	18.82	18.53	20.26	18.83	23.07	21.44	21.65	21.81	21.73	21.11	21.49
24	19.22	18.54	18.67	19.91	18.83	22.32	21.47	21.72	21.90	21.55	21.00	21.36
25	19.15	18.53	18.73	18.79	18.82	21.87	21.49	21.86	21.70	21.46	20.97	21.38
26	19.13	18.55	18.72	18.88	19.17	21.52	21.61	21.82	21.51	21.41	21.01	21.33
27	19.16	18.41	18.66	18.82	19.52	20.70	21.66	21.76	21.52	21.27	20.99	21.36
28	19.18	18.30	18.66	18.75	19.65	20.92	21.75	21.94	21.61	21.41	21.00	21.32
29	19.22	---	18.49	18.76	---	20.85	21.81	21.72	21.50	21.69	21.02	21.34
30	19.18	---	18.62	18.73	---	21.04	21.81	21.71	21.42	21.82	21.01	21.22
31	19.11	---	18.63	18.67	---	20.88	---	21.63	---	21.65	21.11	---
MEAN	19.38	---	---	18.97	18.82	20.80	21.33	21.76	21.73	21.62	21.19	21.44
MAX	19.68	---	---	20.38	19.65	23.23	21.98	21.94	22.16	21.91	21.72	21.81
MIN	19.11	---	---	18.55	18.53	18.46	19.88	21.49	21.42	21.27	20.75	21.21

MOBILE RIVER BASIN

02401000 BIG WILLS CREEK NEAR REECE CITY, AL

LOCATION.--Lat 34°05'53", long 86°02'17", in SE¹/₄ sec. 6, T. 11 S., R. 6 E., Etowah County, Hydrologic Unit 03150105, near right bank on upstream side of bridge on county road, 1 mi upstream from Fisher Creek, 1.8 mi northwest of Reece City, and at mile 25.0.

DRAINAGE AREA.--182 mi².

PERIOD OF RECORD.--October 1943 to September 1970, October 1970 to September 1975 (flood hydrograph only), October 1986 to current year. Prior to October 1986 published as Big Wills Creek "near Crudup".

REVISED RECORD.--WSP 1384: Drainage area. WDR AL-87-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 570 ft, by barometer. Prior to July 10, 1957, nonrecording gage at site 100 ft downstream at same datum.

REMARKS.--Estimated daily discharges: May 15-27, June 18-21, July 14-20. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1884 reached a stage of 16.3 ft, from information by local residents.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	43	114	84	317	386	364	146	195	108	174	107
2	53	43	104	81	277	353	329	140	215	114	104	103
3	50	43	97	79	247	430	330	132	191	106	94	278
4	48	43	93	77	228	687	483	127	207	122	87	291
5	47	43	92	75	213	565	943	124	227	213	84	180
6	47	44	90	74	200	454	666	120	151	217	82	138
7	46	44	88	73	190	398	531	115	136	201	92	118
8	45	52	85	74	178	358	466	115	160	144	80	108
9	44	856	82	119	168	329	422	120	166	124	78	98
10	44	1120	79	118	258	301	390	119	143	161	100	91
11	43	254	77	103	320	272	357	114	124	143	176	86
12	44	173	74	112	256	702	327	114	115	119	146	83
13	44	139	72	118	344	2120	318	108	110	108	116	79
14	44	118	73	115	433	1290	322	104	106	e102	177	77
15	44	108	78	107	393	1310	345	e99	107	e98	137	74
16	44	105	89	103	378	1510	378	e94	114	e94	110	71
17	43	151	128	103	1040	866	304	e89	105	e90	98	68
18	43	202	147	154	802	646	270	e84	e100	e86	90	67
19	43	149	132	878	544	549	251	e91	e96	e83	90	67
20	43	130	123	1790	455	1570	239	e101	e92	e80	88	69
21	43	116	113	915	400	3190	225	e92	e89	173	79	67
22	43	104	106	536	503	2360	212	e86	173	141	77	65
23	43	96	99	435	512	1070	202	e88	415	104	73	63
24	42	100	98	375	399	770	195	e83	198	84	71	62
25	42	218	96	327	482	622	188	e90	130	74	69	65
26	42	284	94	291	696	528	178	e94	112	73	68	73
27	43	196	92	265	487	466	169	e90	112	83	65	64
28	43	160	91	241	434	421	163	139	109	74	69	62
29	43	140	89	226	---	415	156	310	122	89	66	60
30	43	125	88	425	---	460	150	232	129	184	67	59
31	43	---	86	425	---	404	---	151	---	174	82	---
TOTAL	1387	5399	2969	8898	11154	25802	9873	3711	4449	3766	2989	2893
MEAN	44.7	180	95.8	287	398	832	329	120	148	121	96.4	96.4
MAX	58	1120	147	1790	1040	3190	943	310	415	217	177	291
MIN	42	43	72	73	168	272	150	83	89	73	65	59
CFSM	.25	.99	.53	1.58	2.19	4.57	1.81	.66	.81	.67	.53	.53
IN.	.28	1.10	.61	1.82	2.28	5.27	2.02	.76	.91	.77	.61	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2001, BY WATER YEAR (WY)

	MEAN	111	186	279	507	626	645	478	283	183	161	99.8	104
MAX	557	1222	1022	1487	1783	1504	1258	746	637	485	192	614	
(WY)	1996	1949	1968	1947	1990	1964	1964	1997	1997	1989	1950	1950	
MIN	30.1	33.5	43.7	38.5	157	128	151	86.5	44.6	48.2	48.9	35.7	
(WY)	1955	1957	1966	1956	2000	1988	1995	1988	1988	1988	1954	1955	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1944 - 2001
ANNUAL TOTAL	62697	83290	
ANNUAL MEAN	171	228	304
HIGHEST ANNUAL MEAN			501
LOWEST ANNUAL MEAN			112
HIGHEST DAILY MEAN	3700	3190	12600
LOWEST DAILY MEAN	42	42	22
ANNUAL SEVEN-DAY MINIMUM	43	43	23
MAXIMUM PEAK FLOW		3480	15800
MAXIMUM PEAK STAGE		9.91	15.07
ANNUAL RUNOFF (CFSM)	.94	1.25	1.67
ANNUAL RUNOFF (INCHES)	12.81	17.02	22.66
10 PERCENT EXCEEDS	292	466	620
50 PERCENT EXCEEDS	99	115	155
90 PERCENT EXCEEDS	46	51	54

e Estimated

MOBILE RIVER BASIN

02401390 BIG CANOE CREEK AT ASHVILLE, AL

LOCATION.—Lat 33°50'23", long 86°15'46", in SW¹/₄SE¹/₄ sec. 6, T. 14 S., R. 4 E., St. Clair County, Hydrologic Unit 03150106, on downstream side of bridge on U.S. Highway 231, 0.5 mi west-northwest of Ashville, 1.7 mi downstream from Muckleroy Creek, and 22.3 mi upstream from mouth.

DRAINAGE AREA.—141 mi².

PERIOD OF RECORD.—October 1965 to current year.

REVISED RECORDS.—WDR AL-76-1: 1971-75 (P). WDR AL-82-1: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 529.56 ft above sea level.

REMARKS.—Estimated daily discharges: Nov. 8-13. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	12	68	56	325	403	286	65	458	66	28	365
2	11	13	60	54	270	392	250	61	472	64	26	288
3	11	15	55	51	229	923	1190	57	289	58	25	857
4	10	13	51	50	201	1320	6960	53	336	73	27	5390
5	10	14	47	50	179	756	5390	49	244	72	26	3620
6	12	18	45	49	161	515	1950	47	191	145	26	760
7	16	21	43	50	145	407	741	44	161	116	25	388
8	15	e40	41	368	132	348	556	45	265	77	30	304
9	12	e700	39	255	122	310	443	51	225	62	29	241
10	11	e300	38	163	192	273	363	53	163	189	27	195
11	11	e150	37	139	172	241	307	49	131	163	39	165
12	11	e100	36	198	186	548	264	47	114	102	102	139
13	10	e70	36	180	528	1380	264	45	97	75	196	120
14	10	56	49	148	541	552	292	43	134	60	196	105
15	10	46	68	145	415	1530	497	40	138	51	88	91
16	9.9	45	76	131	400	1240	461	37	199	46	58	79
17	10	119	267	119	1060	575	292	35	101	43	49	72
18	10	107	213	323	554	443	231	34	72	39	43	66
19	9.5	123	161	1130	406	382	197	34	60	36	40	65
20	9.1	176	134	1450	341	2270	173	37	51	34	41	73
21	8.2	121	112	545	298	3590	155	39	47	37	37	69
22	8.8	89	101	392	489	1410	140	41	414	35	33	57
23	11	73	86	323	404	673	125	43	535	33	31	52
24	9.8	67	77	275	306	520	115	40	170	31	30	51
25	9.7	219	71	233	728	426	114	48	110	30	30	56
26	10	179	65	197	801	359	100	51	82	29	29	50
27	11	124	64	179	475	315	89	41	103	29	28	44
28	12	96	78	158	492	283	81	502	101	28	33	41
29	12	82	80	156	—	278	74	783	93	26	33	39
30	14	76	70	762	—	368	70	345	80	32	31	37
31	13	—	61	443	—	337	—	208	—	32	37	—
TOTAL	339.0	3264	2429	8772	10552	23367	22170	3067	5636	1913	1473	13879
MEAN	10.9	109	78.4	283	377	754	739	98.9	188	61.7	47.5	463
MAX	16	700	267	1450	1060	3590	6960	783	535	189	196	5390
MIN	8.2	12	36	49	122	241	70	34	47	26	25	37
CFSM	.08	.77	.56	2.01	2.67	5.35	5.24	.70	1.33	.44	.34	3.28
IN.	.09	.86	.64	2.31	2.78	6.16	5.85	.81	1.49	.50	.39	3.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2001, BY WATER YEAR (WY)

	MEAN	103	165	297	506	489	608	453	234	137	92.8	51.6	94.1
MAX	715	785	1042	1017	1219	1720	1568	763	1222	414	171	463	
(WY)	1996	1993	1984	1973	1990	1980	1979	1973	1997	1994	1992	2001	
MIN	10.9	16.7	23.0	43.3	117	151	49.4	38.5	22.0	15.2	15.5	12.4	
(WY)	2001	1979	1966	1981	2000	1986	1986	2000	1988	2000	2000	2000	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR				FOR 2001 WATER YEAR				WATER YEARS 1966 - 2001			
ANNUAL TOTAL	51544.4				96861.0							
ANNUAL MEAN	141				265							
HIGHEST ANNUAL MEAN									268			
LOWEST ANNUAL MEAN									423			
HIGHEST DAILY MEAN	6000				Apr 4				84.8			
LOWEST DAILY MEAN	8.2				Oct 21				10700			
ANNUAL SEVEN-DAY MINIMUM	9.4				Oct 16				8.2			
MAXIMUM PEAK FLOW					9.4				Oct 16			
MAXIMUM PEAK STAGE					8110				Sep 4			
ANNUAL RUNOFF (CFSM)	1.00				16.96				13600			
ANNUAL RUNOFF (INCHES)	13.60				1.88				18.75			
10 PERCENT EXCEEDS	251				523				1.90			
50 PERCENT EXCEEDS	38				86				25.85			
90 PERCENT EXCEEDS	11				17				21			

e Estimated

MOBILE RIVER BASIN

02403395 CHOCCOLOCCO CREEK AT OXFORD, AL

LOCATION.--Lat 33°36'01", long 85°49'40", in NW¹/₄ sec. 32, T. 16 S., R. 8 E., Calhoun County, Hydrologic Unit 03150106, on left bank 75 ft downstream of bridge on Friendship Road, 0.2 mi downstream of Snow Creek, and 1 mi south of Oxford.

DRAINAGE AREA.--222 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 588.84 ft above sea level (levels by Natural Resource Conservation Service).

REMARKS.--No estimated daily discharges. Water-discharge records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	29	102	81	318	676	430	178	293	208	115	116
2	28	29	94	80	265	554	375	175	245	201	102	135
3	26	29	88	78	229	952	1390	166	204	225	96	605
4	27	30	84	77	204	1890	2560	160	205	178	97	373
5	27	33	81	76	188	1270	2970	153	197	246	103	300
6	109	32	77	78	174	905	1950	151	235	261	96	221
7	46	175	75	79	162	682	1100	149	185	237	94	170
8	41	273	72	123	152	522	820	146	220	190	103	145
9	37	617	69	116	161	449	683	147	205	167	98	131
10	35	326	67	116	229	381	591	144	186	204	99	123
11	33	202	67	120	194	331	513	142	231	541	94	114
12	33	141	66	134	199	913	452	148	188	404	98	111
13	32	112	67	133	252	1650	498	156	168	303	247	104
14	30	90	111	134	299	1050	464	142	152	236	174	98
15	29	77	90	134	298	2570	559	133	198	189	130	92
16	30	96	105	130	384	2200	543	126	218	162	115	88
17	30	98	117	128	776	1220	456	121	174	143	106	85
18	29	99	153	176	748	883	386	116	149	135	99	83
19	28	197	134	734	536	834	346	135	135	124	94	82
20	28	180	120	1010	402	3400	318	141	125	172	92	81
21	28	157	113	732	330	3630	292	170	121	249	91	79
22	28	129	105	546	527	2520	273	152	150	155	80	76
23	28	115	95	360	671	1520	258	139	142	131	77	72
24	28	114	89	275	516	1240	243	133	135	120	74	97
25	28	151	85	230	1140	1010	235	159	123	121	69	87
26	40	157	81	200	1690	816	220	139	124	115	68	83
27	30	147	85	182	1060	697	207	157	127	111	66	78
28	29	130	95	167	848	582	197	186	135	105	65	74
29	32	121	95	191	---	539	190	292	135	105	64	70
30	31	112	90	427	---	594	183	286	172	113	64	67
31	30	---	84	391	---	489	---	227	---	126	140	---
TOTAL	1037	4198	2856	7438	12952	36969	19702	4969	5277	5977	3110	4040
MEAN	33.5	140	92.1	240	463	1193	657	160	176	193	100	135
MAX	109	617	153	1010	1690	3630	2970	292	293	541	247	605
MIN	26	29	66	76	152	331	183	116	121	105	64	67
CFSM	.15	.63	.41	1.08	2.08	5.37	2.96	.72	.79	.87	.45	.61
IN.	.17	.70	.48	1.25	2.17	6.19	3.30	.83	.88	1.00	.52	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

MEAN	52.6	104	81.5	221	324	764	664	148	169	184	75.9	71.8
MAX	71.7	140	92.1	240	463	1193	672	160	258	309	100	135
(WY)	2000	2001	2001	2001	2001	2001	2000	2001	1999	1999	2001	2001
MIN	33.5	68.9	70.8	203	191	335	657	136	72.6	49.5	43.5	30.7
(WY)	2001	2000	2000	2000	2000	2000	2001	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1999 - 2001	
ANNUAL TOTAL	60668		108525			
ANNUAL MEAN	166		297		229	
HIGHEST ANNUAL MEAN					297	
LOWEST ANNUAL MEAN					161	
HIGHEST DAILY MEAN	3540		3630		3630	
LOWEST DAILY MEAN	24		26		24	
ANNUAL SEVEN-DAY MINIMUM	26		28		26	
MAXIMUM PEAK FLOW			3910		3910	
MAXIMUM PEAK STAGE			12.27		12.27	
ANNUAL RUNOFF (CFSM)	.75		1.34		1.03	
ANNUAL RUNOFF (INCHES)	10.17		18.19		14.03	
10 PERCENT EXCEEDS	312		682		465	
50 PERCENT EXCEEDS	94		143		116	
90 PERCENT EXCEEDS	30		57		37	

MOBILE RIVER BASIN

02404400 CHOCCOLOCCO CREEK AT JACKSON SHOALS NEAR LINCOLN, AL

LOCATION.--Lat 33°32'54", long 86°05'49", in SE¹/₄SE¹/₄ sec. 15, T. 17 S., R. 5 E., Talladega County, Hydrologic Unit 03150106, on left bank at foot of Jackson Shoals, 50 ft upstream from Alabama Power Company Jackson Shoals transformer station, 900 ft upstream from highway bridge, 1.8 mi downstream from Eastaboga Creek, and 4.5 mi southeast of Lincoln.

DRAINAGE AREA.--481 mi².

PERIOD OF RECORD.--October 1960 to September 1967, October 1967 to September 1970 (annual peak discharge only), October 1970 to September 1974 (gage-height record only in files of Geological Survey), October 1974 to September 1984 (flood hydrograph only), October 1984 to current year.

REVISED RECORD.--WSP 1906: 1961, 1962. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 448.50 ft above sea level (Alabama Power Company benchmark).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE OF PERIOD OF RECORD.--Flood of March 1951 reached a stage of 42.4 ft from floodmarks.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	120	125	230	218	745	1310	1100	534	742	861	326	484
2	113	126	226	206	618	1120	997	524	1010	545	304	348
3	113	126	215	206	545	1670	4950	506	666	549	280	1550
4	112	126	208	202	495	3300	9660	483	608	599	276	1970
5	112	129	199	198	461	2640	5980	471	577	603	283	874
6	139	136	193	195	437	1910	4340	458	573	774	287	898
7	223	147	186	196	385	1440	2880	446	555	648	302	553
8	142	392	191	239	355	1150	2290	438	693	548	307	461
9	133	1110	188	269	345	1000	1950	436	712	485	283	408
10	125	837	184	262	494	897	1710	436	615	549	273	374
11	124	437	180	258	488	802	1450	433	905	686	280	355
12	115	308	169	291	444	1550	1250	472	818	833	276	380
13	114	248	167	283	512	3350	1260	466	591	654	425	357
14	116	219	201	281	572	2290	1300	440	518	558	632	330
15	114	199	234	279	594	4390	1420	404	502	480	372	312
16	111	195	231	272	586	3820	1420	384	742	426	327	297
17	113	235	245	277	1390	2570	1190	363	575	385	296	288
18	113	221	259	300	1380	1850	1040	357	484	357	289	276
19	114	318	280	945	1080	1580	955	351	441	343	272	273
20	115	490	248	1850	864	7090	894	542	404	363	262	269
21	118	358	231	1360	736	7520	838	552	385	705	255	258
22	116	304	228	977	779	5070	784	517	403	529	248	254
23	116	265	221	755	1050	3250	747	482	484	401	233	247
24	116	251	207	594	992	2660	720	427	429	357	227	268
25	121	280	202	508	1510	2250	702	451	395	334	223	290
26	122	327	209	448	2470	1820	665	425	396	335	215	266
27	142	307	209	420	1900	1510	628	398	398	328	217	255
28	130	280	217	394	1520	1350	600	563	398	321	221	247
29	124	260	235	383	---	1240	573	549	487	311	219	237
30	127	245	238	972	---	1400	553	636	497	317	220	228
31	126	---	228	938	---	1230	---	540	---	331	237	---
TOTAL	3839	9001	6659	14976	23747	75029	54846	14484	17003	15515	8867	13607
MEAN	124	300	215	483	848	2420	1828	467	567	500	286	454
MAX	223	1110	280	1850	2470	7520	9660	636	1010	861	632	1970
MIN	111	125	167	195	345	802	553	351	385	311	215	228
CFSM	.26	.62	.45	1.00	1.76	5.03	3.80	.97	1.18	1.04	.59	.94
IN.	.30	.70	.51	1.16	1.84	5.80	4.24	1.12	1.31	1.20	.69	1.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2001, BY WATER YEAR (WY)

	MEAN	323	423	582	971	1519	1605	1119	647	505	434	357	298
	MAX	1792	1572	2028	2273	4066	3625	2150	1576	1676	1258	1697	709
	(WY)	1996	1993	1962	1993	1961	1990	1964	1991	1997	1989	1967	1992
	MIN	124	175	190	223	308	350	225	179	143	138	156	127
	(WY)	2001	1988	2000	1986	1986	1988	1986	1986	1986	1986	1988	2000

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1961 - 2001

ANNUAL TOTAL	139610	257573	
ANNUAL MEAN	381	706	727
HIGHEST ANNUAL MEAN			1148
LOWEST ANNUAL MEAN			221
HIGHEST DAILY MEAN	7070	9660	28300
LOWEST DAILY MEAN	111	111	105
ANNUAL SEVEN-DAY MINIMUM	114	114	108
MAXIMUM PEAK FLOW		16000	36900
MAXIMUM PEAK STAGE		31.38	39.98
ANNUAL RUNOFF (CFSM)	.79	1.47	1.51
ANNUAL RUNOFF (INCHES)	10.80	19.92	20.55
10 PERCENT EXCEEDS	641	1440	1450
50 PERCENT EXCEEDS	238	398	404
90 PERCENT EXCEEDS	121	145	189

MOBILE RIVER BASIN

02405500 KELLY CREEK NEAR VINCENT, AL

LOCATION.--Lat 33°26'51", long 86°23'13", in SW¹/₄ sec. 24, T. 18 S., R. 2 E., Shelby County, Hydrologic Unit 03150106, on downstream side of left pier of bridge on U.S. Highway 231, 1.5 mi downstream from Little Creek, 4.2 mi north of Vincent, and 5 mi upstream from mouth.

DRAINAGE AREA.--193 mi².

PERIOD OF RECORD.--December 1951 to September 1970, June 1979 to September 1981 (discharge measurements only), October 1986 to current year.

REVISED RECORDS.--WSP 1383: Drainage area. WSP 1906: 1952, 1957.

GAGE.--Water-stage recorder. Datum of gage is 404.09 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 13, 1979 reached a gage height of 27.39, from floodmarks, discharge 33,400 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	3.9	48	62	380	555	313	109	163	62	6.9	450
2	3.4	3.9	41	56	307	488	274	100	429	59	7.0	306
3	3.3	4.1	34	52	263	1090	1960	96	198	58	6.2	2290
4	3.2	4.1	27	48	231	2120	7590	88	166	63	6.1	5560
5	3.1	4.5	23	45	208	1370	6560	82	157	69	8.1	3510
6	7.4	4.4	19	47	188	892	2340	75	131	102	11	1040
7	5.5	6.5	18	45	171	654	1270	70	139	90	69	603
8	6.5	35	17	155	158	510	904	68	678	64	80	404
9	5.6	204	16	177	151	424	700	75	747	46	55	293
10	8.2	187	20	129	358	350	560	77	409	37	35	227
11	6.6	71	19	113	307	300	463	83	267	42	23	187
12	5.2	34	14	147	269	917	400	82	323	39	48	158
13	4.3	18	12	153	922	1930	366	71	197	26	82	142
14	4.1	10	14	132	1120	950	403	61	162	18	249	123
15	3.8	7.0	16	130	782	2690	691	55	199	13	119	108
16	3.6	6.9	45	129	647	2120	664	48	155	11	77	95
17	3.5	19	128	131	1500	1130	438	44	119	8.6	58	86
18	3.4	49	121	225	966	802	337	38	91	7.4	64	78
19	3.2	99	94	1500	693	648	289	39	75	6.6	78	80
20	3.2	129	79	1710	568	3800	259	59	62	22	66	75
21	3.5	87	70	789	457	4830	231	139	53	40	50	66
22	3.5	62	66	500	416	1880	205	120	75	21	34	62
23	3.4	45	62	361	356	970	185	93	185	18	23	56
24	3.4	41	57	289	291	680	171	76	107	12	17	54
25	3.5	148	52	241	931	535	165	76	74	15	13	54
26	4.2	143	46	203	1150	450	150	80	59	25	10	51
27	3.5	99	44	182	727	380	135	70	118	20	8.4	43
28	3.7	78	55	164	666	343	127	76	100	13	6.7	36
29	4.8	65	78	158	---	330	120	183	87	10	5.7	31
30	3.7	56	82	743	---	435	114	157	74	9.0	5.4	28
31	3.8	---	74	543	---	375	---	103	---	8.5	32	---
TOTAL	131.5	1724.3	1491	9359	15183	34948	28384	2593	5799	1035.1	1353.5	16296
MEAN	4.24	57.5	48.1	302	542	1127	946	83.6	193	33.4	43.7	543
MAX	8.2	204	128	1710	1500	4830	7590	183	747	102	249	5560
MIN	3.1	3.9	12	45	151	300	114	38	53	6.6	5.4	28
CFSM	.02	.30	.25	1.56	2.81	5.84	4.90	.43	1.00	.17	.23	2.81
IN.	.03	.33	.29	1.80	2.93	6.74	5.47	.50	1.12	.20	.26	3.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2001, BY WATER YEAR (WY)

MEAN	69.0	171	396	675	822	809	517	194	132	97.0	43.6	68.4
MAX	528	911	1814	1466	3422	1623	1301	650	1187	669	168	543
(WY)	1995	1993	1962	1953	1961	1970	1964	1969	1997	1989	1967	2001
MIN	1.63	4.50	22.0	63.8	173	218	53.9	33.7	5.68	5.67	2.30	2.58
(WY)	1988	1955	1966	1956	1968	1988	1967	1960	1988	1960	1988	1954

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1952 - 2001

ANNUAL TOTAL	72810.1	118297.4	
ANNUAL MEAN	199	324	330
HIGHEST ANNUAL MEAN			548
LOWEST ANNUAL MEAN			112
HIGHEST DAILY MEAN	10000	7590	29100
LOWEST DAILY MEAN	2.6	3.1	1.1
ANNUAL SEVEN-DAY MINIMUM	2.8	3.4	1.2
MAXIMUM PEAK FLOW		8540	30900
MAXIMUM PEAK STAGE		19.75	27.08
ANNUAL RUNOFF (CFSM)	1.03	1.68	1.71
ANNUAL RUNOFF (INCHES)	14.03	22.80	23.27
10 PERCENT EXCEEDS	400	745	784
50 PERCENT EXCEEDS	34	82	94
90 PERCENT EXCEEDS	3.5	6.2	6.1

MOBILE RIVER BASIN

02406500 TALLADEGA CREEK AT ALPINE, AL

LOCATION.--Lat 33°21'34", long 86°14'03", in SW¹/₄ sec. 21, T. 19 S., R. 4 E., Talladega County, Hydrologic Unit 03150106, at bridge on County Road 207, 1 mi north of Alpine, 9 mi southwest of Talladega, and 11.0 mi upstream from mouth.

DRAINAGE AREA.--150 mi².

PERIOD OF RECORD.--August 1900 to December 1904, January 1939 to September 1951, October 1951 to September 1970 (peak discharge only), October 1987 to current year. Monthly discharge only for period October to December 1938, published in WSP 1304. Published as "at Nottingham" 1900-04.

REVISED RECORDS.--WDR AL-88-1: Drainage area. WDR AL-95-1: 1990 (M).

GAGE.--Water-stage recorder. Datum of gage is 431.24 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	46	86	95	241	289	295	227	210	379	120	102
2	44	45	83	87	197	254	275	222	417	215	108	105
3	45	45	79	83	172	441	1550	217	280	187	102	229
4	44	45	76	79	155	1490	7860	212	231	220	98	383
5	43	46	74	78	143	656	1730	205	213	382	100	192
6	59	46	72	77	135	422	812	202	214	332	99	171
7	53	48	71	76	125	329	625	199	197	241	105	135
8	56	88	70	114	119	281	535	198	257	198	110	118
9	53	425	69	181	116	250	484	197	392	177	104	110
10	50	380	68	135	147	229	443	197	421	172	100	103
11	47	151	67	116	156	210	411	197	319	170	102	101
12	46	102	67	115	137	485	377	210	264	157	105	142
13	45	85	67	114	153	1290	388	218	230	147	116	111
14	44	76	74	106	160	527	395	193	209	138	112	102
15	44	70	76	102	153	1440	453	185	373	135	103	98
16	44	68	77	98	149	910	497	179	276	131	96	95
17	44	73	79	106	577	513	401	173	227	130	92	92
18	45	80	97	130	410	407	358	170	197	125	89	91
19	44	138	90	517	277	356	338	168	179	121	88	90
20	44	275	85	853	227	2660	321	232	170	121	92	90
21	44	164	81	379	205	2750	305	259	163	226	88	89
22	43	122	80	259	194	1130	292	266	170	176	86	86
23	43	103	83	207	183	682	281	236	188	137	83	86
24	45	92	81	178	166	536	273	202	176	122	80	93
25	45	99	79	157	312	457	274	192	156	118	79	90
26	45	163	76	141	611	399	262	190	152	126	78	90
27	44	131	75	131	359	355	252	179	161	119	78	87
28	44	112	78	122	312	326	243	173	157	113	93	84
29	45	100	117	118	---	320	239	213	162	113	107	81
30	46	91	130	419	---	360	231	228	186	110	93	80
31	46	---	106	359	---	317	---	188	---	129	98	---
TOTAL	1429	3509	2513	5732	6291	21071	21200	6327	6947	5367	3004	3526
MEAN	46.1	117	81.1	185	225	680	707	204	232	173	96.9	118
MAX	59	425	130	853	611	2750	7860	266	421	382	120	383
MIN	43	45	67	76	116	210	231	168	152	110	78	80
CFSM	.31	.78	.54	1.23	1.50	4.53	4.71	1.36	1.54	1.15	.65	.78
IN.	.35	.87	.62	1.42	1.56	5.23	5.26	1.57	1.72	1.33	.74	.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1900 - 2001, BY WATER YEAR (WY)

	MEAN	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
MEAN	98.9	151	190	312	446	530	397	223	174	163	123	111
MAX	478	753	488	902	1023	1001	765	429	451	493	266	579
(WY)	1996	1949	1993	1946	1903	1990	1944	1991	1997	1940	1904	1900
MIN	46.1	65.1	65.3	111	128	145	101	54.4	57.0	51.1	46.8	45.9
(WY)	2001	2000	2000	2000	2000	1988	1904	1904	1988	2000	1988	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1900 - 2001
ANNUAL TOTAL	46509	86916	
ANNUAL MEAN	127	238	241
HIGHEST ANNUAL MEAN			405
LOWEST ANNUAL MEAN			114
HIGHEST DAILY MEAN	4500	7860	18400
LOWEST DAILY MEAN	41	43	20
ANNUAL SEVEN-DAY MINIMUM	42	44	34
MAXIMUM PEAK FLOW		9950	* 39000
MAXIMUM PEAK STAGE		14.19	16.60
ANNUAL RUNOFF (CFSM)	.85	1.59	1.61
ANNUAL RUNOFF (INCHES)	11.53	21.56	21.86
10 PERCENT EXCEEDS	194	408	452
50 PERCENT EXCEEDS	78	138	141
90 PERCENT EXCEEDS	44	55	68

* From rating curve extended above 14,000 ft³/s on basis of slope-area measurement.

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02407000 COOSA RIVER AT CHILDERSBURG, AL

LOCATION.--Lat 33°17'30", long 86°21'50", in SE¹/₄NE¹/₄ sec. 18, T. 20 S., R. 3 E., Shelby County, Hydrologic Unit 03150107, near right bank on downstream side of Central of Georgia Railway bridge, 700 ft upstream from bridge on State Highway 38, 0.5 mi downstream from Tallasseehatchee Creek, 1 mi northwest of Childersburg, and at mile 86.3.

DRAINAGE AREA.--8,392 mi².

PERIOD OF RECORD.--October 1913 to September 1978. October 1978 to September 1996 (flood hydrograph only). Daily gage height records are published beginning October 1994. Monthly discharge only for periods October 1913 to February 1914, June 1915, July to September, November 1916, published in WSP 1304.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 382.45 ft above sea level (levels by Alabama Power Co.). Prior to Oct. 1, 1915, at datum 0.10 ft lower. Sept. 29, 1967 to Sept. 30, 1994, auxiliary water-stage recorder 3.5 mi downstream.

REMARKS.--No estimated gage heights. Records good. Since December 1949 flow regulated by Allatoona Reservoir on Etowah River, since April 1961 by Weiss Reservoir on Coosa River, since July 1964 by Logan-Martin Reservoir. (See Reservoirs in Mobile River basin.)

AVERAGE DISCHARGE.--65 years (water years 1914-78), 13,860 ft³/s, 22.43 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 150,000 ft³/s, Apr. 14, 1979; maximum gage height, 30.41 ft, Feb. 23, 1961; minimum daily discharge, 378 ft³/s, Apr. 20, 1975.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.46 ft, Apr. 4; minimum gage height, 12.73 ft, Dec. 5.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.63	13.42	13.66	13.69	13.87	14.47	14.44	13.67	14.19	14.02	14.26	13.66
2	13.68	13.50	13.65	13.79	13.84	14.32	14.01	13.70	14.58	14.21	14.19	13.66
3	13.45	13.43	13.57	13.78	13.98	13.79	14.50	13.76	14.51	14.26	14.21	14.48
4	13.42	13.41	13.61	13.68	13.74	14.69	18.71	13.83	14.66	14.02	13.88	15.04
5	13.50	13.41	13.44	13.64	13.83	14.89	17.89	13.82	14.48	14.59	14.14	14.70
6	13.49	13.49	13.51	13.66	13.85	14.65	16.29	13.76	14.15	14.52	13.90	14.34
7	13.46	13.54	13.62	13.65	13.84	14.19	15.55	13.80	14.40	14.07	13.91	13.98
8	13.47	13.46	13.64	13.67	13.99	14.56	14.49	13.80	14.65	14.15	13.81	13.71
9	13.58	13.41	13.60	13.77	13.79	13.92	14.34	13.79	14.08	14.52	13.92	13.83
10	13.53	13.70	13.62	13.77	13.93	13.77	14.50	13.74	13.62	14.43	13.95	14.02
11	13.47	13.85	13.75	13.87	13.74	13.81	14.68	13.70	14.09	14.29	13.73	14.05
12	13.58	13.95	13.79	13.73	14.11	14.50	14.28	13.73	13.68	14.18	13.89	14.03
13	13.56	13.84	13.74	13.77	14.12	15.56	14.01	13.73	13.62	14.02	13.93	14.00
14	13.43	13.80	13.73	13.77	14.32	16.36	13.79	13.77	13.74	13.78	14.09	13.93
15	13.38	13.65	13.79	13.81	14.21	18.04	13.98	13.75	13.93	13.83	14.10	13.91
16	13.37	13.79	13.80	13.79	14.10	17.80	14.02	13.69	13.98	13.93	14.05	14.00
17	13.42	13.70	13.60	13.59	14.58	16.22	14.07	13.68	13.85	13.93	13.98	14.01
18	13.41	13.48	13.77	13.85	14.67	15.28	14.01	13.84	13.93	13.86	13.80	13.97
19	13.38	13.74	13.72	14.65	14.45	14.80	14.09	13.87	13.87	13.88	13.83	13.93
20	13.39	13.82	13.68	15.52	14.51	16.61	14.00	13.64	13.84	13.88	13.92	14.00
21	13.34	13.91	13.57	15.41	14.33	17.15	13.86	13.56	13.63	13.89	13.94	14.00
22	13.27	13.88	13.63	15.36	14.11	18.43	13.90	13.53	13.64	14.02	14.05	13.87
23	13.26	13.79	13.52	15.17	14.07	18.15	13.66	13.55	13.55	14.03	14.03	13.70
24	13.29	13.81	13.47	15.06	14.18	18.02	13.69	13.69	13.46	13.88	13.88	13.82
25	13.30	13.71	13.50	14.46	14.17	17.08	13.63	13.70	13.85	13.93	13.82	13.91
26	13.45	13.72	13.58	14.06	14.89	16.10	13.75	13.79	14.15	14.12	13.85	13.85
27	13.61	13.76	13.65	13.72	14.66	15.80	13.85	13.75	13.92	14.11	13.89	13.87
28	13.64	13.66	13.66	13.63	14.88	15.39	13.87	13.85	13.90	13.89	13.89	13.85
29	13.64	13.66	13.68	14.00	---	14.36	13.89	14.02	14.21	13.78	13.93	13.72
30	13.57	13.59	13.59	14.29	---	14.57	13.84	14.28	14.02	14.08	13.95	13.77
31	13.44	---	13.67	14.19	---	14.51	---	14.08	---	14.24	13.89	---
MEAN	13.46	13.66	13.64	14.09	14.17	15.54	14.45	13.77	14.01	14.08	13.96	13.99
MAX	13.68	13.95	13.80	15.52	14.89	18.43	18.71	14.28	14.66	14.59	14.26	15.04
MIN	13.26	13.41	13.44	13.59	13.74	13.77	13.63	13.53	13.46	13.78	13.73	13.66

WTR YR 2001 MEAN 14.07 MAX 18.71 MIN 13.26

**MOBILE RIVER BASIN
MOBILE RIVER MAIN STEM**

02407526 COOSA RIVER AT GASTON STEAMPLANT NEAR WILSONVILLE, AL

LOCATION.--Lat 33°14'28", long 86°27'30", in SW 1/4 sec. 32, T. 20 S., R. 2 E., Shelby County, Hydrologic Unit 03150107, on right bank near tailings pond of Gaston Steamplant, 1.6 mi downstream from Yellowleaf Creek, 1 mi east of Wilsonville, and at mile 75.3.

DRAINAGE AREA.--8,588 mi².

PERIOD OF RECORD.--October 1991 to current year. Daily gage height records are published beginning October 1993.

GAGE.--Water-stage recorder. Datum of gage is 382.41 ft above sea level.

REMARKS.--No estimated daily gage heights. Records good. Since December 1949, flow regulated by Allatoona Reservoir on Etowah River, since April 1961 by Weiss Reservoir on Coosa River, and since July 1964 by Logan Martin Reservoir (see Reservoirs in Mobile River Basin).

EXTREMES FOR PERIOD SINCE OCTOBER 1993.--Maximum gage height, 17.16 ft, Feb. 2, 1996; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.82 ft, Apr. 4; minimum gage height, 12.85 ft, Oct. 22.

**GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.28	13.28	13.52	13.58	13.48	13.56	13.71	13.56	13.57	13.59	13.67	13.31
2	13.29	13.36	13.56	13.58	13.60	13.54	13.72	13.55	13.66	13.68	13.58	13.36
3	13.16	13.30	13.52	13.57	13.61	13.27	13.72	13.60	13.78	13.68	13.60	13.63
4	13.24	13.31	13.55	13.51	13.53	13.94	15.41	13.66	13.68	13.64	13.58	14.11
5	13.31	13.31	13.60	13.51	13.58	13.69	15.04	13.68	13.55	13.74	13.63	13.82
6	13.33	13.34	13.48	13.56	13.65	13.71	14.36	13.65	13.41	13.65	13.39	13.47
7	13.35	13.41	13.57	13.51	13.70	13.45	14.16	13.61	13.47	13.64	13.55	13.44
8	13.38	13.34	13.57	13.38	13.67	13.63	13.78	13.69	13.73	13.69	13.48	13.41
9	13.44	13.23	13.54	13.53	13.73	13.43	13.78	13.68	13.69	13.72	13.53	13.50
10	13.39	13.58	13.56	13.60	13.88	13.64	13.81	13.62	13.48	13.57	13.53	13.65
11	13.28	13.74	13.58	13.64	13.82	13.72	13.90	13.56	13.46	13.51	13.41	13.68
12	13.40	13.84	13.55	13.61	13.77	13.80	13.60	13.57	13.43	13.58	13.58	13.70
13	13.39	13.73	13.53	13.67	13.81	14.05	13.63	13.60	13.36	13.50	13.57	13.67
14	13.32	13.69	13.49	13.65	13.97	14.36	13.65	13.65	13.48	13.49	13.58	13.59
15	13.26	13.51	13.54	13.62	13.84	15.10	13.68	13.61	13.69	13.57	13.59	13.60
16	13.23	13.48	13.65	13.57	13.59	14.99	13.58	13.56	13.83	13.63	13.48	13.66
17	13.26	13.42	13.42	13.41	13.72	14.44	13.63	13.57	13.75	13.61	13.51	13.66
18	13.27	13.40	13.39	13.50	13.87	14.01	13.55	13.71	13.77	13.55	13.50	13.61
19	13.22	13.41	13.40	13.70	13.76	13.79	13.60	13.70	13.73	13.54	13.55	13.52
20	13.22	13.54	13.36	14.19	13.73	14.93	13.56	13.31	13.72	13.56	13.57	13.56
21	13.21	13.61	13.32	14.15	13.76	15.54	13.70	13.43	13.76	13.60	13.64	13.58
22	13.16	13.58	13.35	14.09	13.52	15.33	13.70	13.43	13.73	13.67	13.70	13.52
23	13.11	13.62	13.33	13.90	13.44	15.22	13.45	13.42	13.71	13.72	13.59	13.37
24	13.13	13.59	13.37	13.97	13.65	15.18	13.44	13.52	13.73	13.52	13.54	13.47
25	13.17	13.44	13.41	13.82	13.64	14.57	13.45	13.55	13.68	13.58	13.53	13.57
26	13.26	13.48	13.38	13.62	13.79	14.25	13.61	13.60	13.66	13.60	13.57	13.50
27	13.46	13.47	13.48	13.52	13.69	14.21	13.66	13.61	13.49	13.63	13.55	13.50
28	13.51	13.42	13.41	13.52	13.83	14.12	13.76	13.60	13.50	13.55	13.56	13.51
29	13.51	13.41	13.47	13.63	---	13.54	13.79	13.53	13.59	13.46	13.59	13.38
30	13.45	13.42	13.46	13.65	---	13.63	13.75	13.72	13.46	13.62	13.60	13.43
31	13.32	---	13.54	13.47	---	13.70	---	13.46	---	13.70	13.55	---
MEAN	13.30	13.48	13.48	13.65	13.70	14.14	13.81	13.58	13.62	13.61	13.56	13.56
MAX	13.51	13.84	13.65	14.19	13.97	15.54	15.41	13.72	13.83	13.74	13.70	14.11
MIN	13.11	13.23	13.32	13.38	13.44	13.27	13.44	13.31	13.36	13.46	13.39	13.31
CAL YR 2000	MEAN 13.43		MAX 16.72		MIN 11.91							
WTR YR 2001	MEAN 13.62		MAX 15.54		MIN 13.11							

MOBILE RIVER BASIN

02408540 HATCHET CREEK BELOW ROCKFORD, AL

LOCATION.—Lat 32°55'00", long 86°16'13", in SE¹/₄SE¹/₄ sec. 4, T. 22 N., R. 18 E., Coosa County, Hydrologic Unit 03150107, on downstream side of pier near right bank of bridge on county road, 2.1 mi downstream from Jack Creek, and 4 mi northwest of Rockford.

DRAINAGE AREA.—263 mi².

PERIOD OF RECORD.—October 1980 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 377 ft above sea level, from topographic map.

REMARKS.—No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	17	127	228	520	764	761	351	1620	222	117	135
2	17	17	118	188	398	682	711	340	895	219	100	277
3	16	17	111	159	332	2440	1080	326	476	229	88	226
4	14	17	106	147	291	4500	5400	310	383	205	82	399
5	14	20	103	141	265	1570	2200	299	425	209	86	237
6	29	26	100	133	239	988	1290	292	471	241	158	215
7	44	35	101	130	219	780	1000	278	340	206	271	153
8	35	493	99	357	204	676	850	273	993	169	254	132
9	27	2610	97	386	194	624	769	305	1540	151	142	115
10	23	822	95	255	322	572	717	312	1840	143	184	129
11	20	272	100	217	292	503	669	396	797	142	323	137
12	17	170	103	244	299	1280	632	342	693	132	161	128
13	16	130	101	233	453	2210	610	369	549	119	148	106
14	14	107	188	198	373	1020	650	287	439	113	341	93
15	14	92	160	183	328	3910	665	252	437	108	174	85
16	14	90	146	177	368	1810	715	233	455	105	125	79
17	17	131	149	247	2030	1050	590	219	357	100	108	77
18	17	153	139	297	908	835	534	209	293	94	101	76
19	14	969	130	1850	622	817	516	217	261	90	94	74
20	15	812	121	2060	496	6590	497	469	241	88	99	74
21	16	375	121	845	434	3750	475	327	258	216	96	73
22	17	241	143	578	428	1730	455	353	291	173	85	70
23	17	184	143	433	430	1220	439	412	289	121	78	67
24	17	168	128	355	350	1030	433	274	238	102	74	75
25	16	429	122	295	2250	958	450	284	209	144	70	86
26	16	376	116	250	1740	867	412	268	197	153	67	76
27	16	249	117	226	886	818	392	233	191	126	64	70
28	16	192	339	207	858	788	378	231	197	116	76	66
29	16	159	796	210	---	806	371	554	216	106	69	62
30	16	140	435	1260	---	853	363	392	209	166	77	58
31	16	---	291	785	---	789	---	274	---	131	83	---
TOTAL	574	9513	5145	13274	16529	47230	25024	9681	15800	4639	3995	3650
MEAN	18.5	317	166	428	590	1524	834	312	527	150	129	122
MAX	44	2610	796	2060	2250	6590	5400	554	1840	241	341	399
MIN	14	17	95	130	194	503	363	209	191	88	64	58
CFSM	.07	1.21	.63	1.63	2.24	5.79	3.17	1.19	2.00	.57	.49	.46
IN.	.08	1.35	.73	1.88	2.34	6.68	3.54	1.37	2.23	.66	.57	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	155	266	433	560	829	834	655	327	258	225	164	148									
MAX	1026	1025	1677	1208	2074	2007	1796	659	759	774	684	883									
(WY)	1996	1993	1984	1990	1990	1990	1983	1991	1989	1989	1984	1988									
MIN	18.5	53.2	101	117	201	216	124	85.6	48.2	21.7	18.3	28.8									
(WY)	2001	1982	1991	1981	1986	1988	1986	2000	2000	2000	2000	2000									

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1981 - 2001
ANNUAL TOTAL	61569.4	155054	
ANNUAL MEAN	168	425	402
HIGHEST ANNUAL MEAN			657
LOWEST ANNUAL MEAN			126
HIGHEST DAILY MEAN	3780	6590	19500
LOWEST DAILY MEAN	4.4	14	4.4
ANNUAL SEVEN-DAY MINIMUM	4.9	15	4.9
MAXIMUM PEAK FLOW		9160	27800
MAXIMUM PEAK STAGE		15.55	27.90
ANNUAL RUNOFF (CFSM)	.64	1.62	1.53
ANNUAL RUNOFF (INCHES)	8.71	21.93	20.77
10 PERCENT EXCEEDS	337	875	816
50 PERCENT EXCEEDS	89	222	208
90 PERCENT EXCEEDS	16	35	58

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02411000 COOSA RIVER AT JORDAN DAM NEAR WETUMPKA, AL

LOCATION.--Lat 32°36'50", long 86°15'18", in SE¹/₄NW¹/₄ sec. 22, T. 19 N., R. 18 E., Elmore County, Hydrologic Unit 03150107, on right bank 0.5 mi downstream from Jordan Dam, 4 mi upstream from Corn Creek, 5.5 mi northwest of Wetumpka, and at mile 18.6.

DRAINAGE AREA.--10,102 mi².

PERIOD OF RECORD.--July 1912 to September 1914, December 1925 to current year. Prior to October 1936 published as "at Lock 18, near Wetumpka."

REVISED RECORD.--WDR AL-84-1: Drainage area. WDR AL-92-1: 1991.

GAGE.--Nonrecording gage since April 1975. Datum of gage is 141.6 ft above sea level (levels by Alabama Power Co.). February 1926 to March 1975, water-stage recorder. July 1912 to September 1914, nonrecording gage at site 0.2 mi upstream at different datum.

REMARKS.--No estimated daily discharges. Records good. Prior to June 30, 1967, and Feb. 10, 1975, to Aug. 14, 1980, daily discharge above 100 ft³/s, computed on basis of powerplant records and flow over spillway at Jordan Dam; July 1, 1967 to Feb. 9, 1975 and Aug. 15, 1980 to current year on the combined flow through turbines at Jordan and Bouldin Dams (on diversion channel from Jordan Lake about 1 mi upstream from Jordan Dam) and flow over spillway at Jordan Dam. Flow regulated by several upstream reservoirs and hydroelectric plants.

COOPERATION.--Records collected by Alabama Power Co., under general supervision of U.S. Geological Survey, in connection with a Federal Energy Regulatory Commission project.

REVISIONS.--Daily discharges for several days during October and November 1999 have been revised and supersede those previously published. A new table for 2000 water year is given below.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3240	7590	5790	2040	11100	10500	12300	7000	5160	2180	3430	4370
2	2220	6600	7220	2220	10500	8330	25800	7160	4930	2290	3910	2220
3	2210	5990	7630	5440	9190	4790	47100	7200	3940	2280	3480	2200
4	5230	6120	2300	4530	10900	3310	119000	7260	3900	2320	3230	3600
5	3550	5080	2230	6100	3300	2200	142000	6120	3820	3090	2220	3380
6	3590	2320	5880	7310	2840	4320	141000	5470	3750	3430	2210	3250
7	3760	2310	6260	4800	10000	4780	145000	5490	3700	2960	3550	3460
8	4320	2320	6370	2290	9210	4470	121000	10400	3590	2220	3330	3640
9	5240	3830	4400	8060	5150	4290	57800	5740	3490	2220	3170	2340
10	3880	7830	4020	26600	5260	9140	46000	5400	3460	3390	4860	2330
11	5310	6290	2250	13600	5880	19900	40900	6450	3460	3040	3950	3420
12	4020	3990	2240	5730	2310	13900	40400	5550	3370	2280	2200	3320
13	5120	2320	11100	10000	3270	11800	21000	5260	3260	3150	2200	3840
14	5070	2320	7060	10300	4760	15300	16400	6600	3250	2870	4320	3380
15	5700	3560	8210	2650	11100	25200	5480	7480	3100	2260	3270	3320
16	3720	4400	7880	3800	13000	17400	13800	5560	3780	2170	6800	2260
17	3260	5500	7160	7090	12500	14300	16100	5320	2940	3830	3290	2280
18	2280	5650	2950	6800	7520	14800	12400	5300	2880	3310	3240	3220
19	3390	5380	2260	6470	5690	22800	10100	5300	2820	3640	2210	3400
20	4090	2320	4260	5960	2430	38200	10100	6060	2830	3720	2220	3280
21	3290	2320	4570	7700	9740	36800	9540	5510	2760	3490	3250	3460
22	3810	4080	9590	4080	9940	36100	7110	5230	2750	2220	3370	3360
23	2290	8460	7950	16500	6340	34800	5410	5320	2610	2220	3230	2260
24	3380	11900	3520	16900	5940	29200	8030	5230	2510	3340	3720	2320
25	5780	10700	2270	10600	4640	20400	7410	6640	2450	2910	3290	3320
26	3690	10700	2270	10700	2260	6270	6990	6280	2390	3160	2190	2630
27	3800	12100	7230	10700	6930	12200	7710	6280	2330	4040	2190	2910
28	3220	10700	7760	11300	14800	8780	7740	6430	2280	4550	3250	2910
29	3670	12200	7840	4760	9160	11100	5360	5750	2210	2220	3120	4230
30	2250	13500	7370	7740	---	9410	5320	5190	2880	2230	3280	2240
31	2280	---	2240	12700	---	11900	---	5160	---	4880	3260	---
TOTAL	116660	188380	170080	255470	215660	466690	1114300	189140	96600	91910	101240	92150
MEAN	3763	6279	5486	8241	7437	15050	37140	6101	3220	2965	3266	3072
MAX	5780	13500	11100	26600	14800	38200	145000	10400	5160	4880	6800	4370
MIN	2210	2310	2230	2040	2260	2200	5320	5160	2210	2170	2190	2200
CFSM	.37	.62	.54	.82	.74	1.49	3.68	.60	.32	.29	.32	.30
IN.	.43	.69	.63	.94	.79	1.72	4.10	.70	.36	.34	.37	.34

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02411000 COOSA RIVER AT JORDAN DAM NEAR WETUMPKA, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2000, BY WATER YEAR (WY)

MEAN	6925	10190	16930	25400	29470	32860	27230	15210	9623	8759	7105	6114
MAX	29100	57080	72980	66360	75180	82160	82520	45310	30790	26190	20680	21370
(WY)	1996	1930	1933	1937	1990	1929	1979	1929	1989	1940	1984	1975
MIN	2128	2547	4054	4237	7437	7516	4452	2384	2688	2071	2577	2307
(WY)	1936	1940	1934	1956	2000	1988	1986	1986	1988	1988	1986	1931

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR			FOR 2000 WATER YEAR			WATER YEARS 1913 - 2000		
ANNUAL TOTAL	4184150			3098280					
ANNUAL MEAN	11460			8465			16300		
HIGHEST ANNUAL MEAN							25910		
LOWEST ANNUAL MEAN							5402		
HIGHEST DAILY MEAN	84900	Jan 31		145000	Apr 7		256000	Apr 8 1938	
LOWEST DAILY MEAN	2160	Aug 20		2040	Jan 1		54	Oct 15 1938	
ANNUAL SEVEN-DAY MINIMUM	3010	Sep 29		2350	Jun 28		1270	Oct 7 1971	
MAXIMUM PEAK FLOW							* 316000	Apr 13 1979	
MAXIMUM PEAK STAGE							47.67	Apr 13 1979	
INSTANTANEOUS LOW FLOW							54	Oct 15 1938	
ANNUAL RUNOFF (CFSM)	1.13			.84			1.61		
ANNUAL RUNOFF (INCHES)	15.41			11.41			21.92		
10 PERCENT EXCEEDS	26900			12800			38600		
50 PERCENT EXCEEDS	6980			4540			9780		
90 PERCENT EXCEEDS	3000			2270			3040		

* Discharge computed on basis of powerplant records and flow over spillway of Jordan Dam.

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02411000 COOSA RIVER AT JORDAN DAM NEAR WETUMPKA, AL--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2240	3340	7830	3130	12600	33100	24500	5350	23100	7640	12500	5650
2	4520	3580	2230	7670	9040	28900	9000	5260	16100	11600	11200	6340
3	4670	3090	2250	6990	12500	40300	30800	5400	23400	12900	12100	21400
4	3520	2230	9310	5260	4700	46000	106000	5390	30900	5640	3380	28500
5	4210	2260	7170	4230	8850	41300	66600	6080	23200	19100	10300	25000
6	4080	3490	5640	2380	5000	29800	53200	5380	22200	16600	12600	24700
7	2280	2260	7490	5020	4590	24900	37800	5390	25400	5970	6080	13600
8	2340	7930	8230	11200	11000	27700	25400	5430	25500	6730	6340	2830
9	4040	8220	2180	8340	8170	15400	20000	5450	21600	16900	6280	3380
10	3860	3360	2180	6890	10700	6360	26400	5490	15000	20000	10900	7920
11	4180	3470	6740	6500	5950	6900	24100	6340	19000	15700	3870	7640
12	4250	3090	6780	4150	17500	47300	22600	6260	11300	9500	2920	8260
13	4720	4200	7240	3200	16600	50900	12200	6130	9250	10100	7960	8810
14	2180	4020	8520	5400	16800	51000	6320	5540	8660	3410	10200	6690
15	2210	3870	7830	7040	19200	79400	12500	5570	9840	3880	11000	3450
16	4030	9290	4000	10700	22400	60900	20700	5270	5460	5020	12400	3970
17	3620	10200	6840	6910	41700	50700	16500	5260	7340	5890	8740	4160
18	3210	5320	11000	11800	26400	36200	16100	5240	6080	5180	2880	5900
19	3570	14900	5500	33500	22600	38700	17000	8040	6120	6870	3410	6280
20	3670	11000	5150	41800	20400	90500	11600	14800	6110	5220	4790	6540
21	2220	11300	4930	35100	21400	79500	7090	5640	10100	4500	3080	6490
22	2270	10600	7370	33900	12100	65000	8030	5340	9040	4500	5310	6820
23	3830	6790	5260	37000	18700	61600	7940	4820	6570	7880	8440	2860
24	3200	9600	2060	27300	17600	60600	9050	5310	4070	6370	5840	3910
25	3200	9820	2400	18200	51000	55200	5460	5330	8860	5770	3840	3570
26	3180	8100	5410	15100	40300	41400	5390	7210	12000	9060	3650	2420
27	3170	10300	5060	5940	29100	38700	5470	5360	9580	8900	5340	4600
28	2140	9630	12500	2220	34800	37200	5360	11500	8520	6540	4860	4510
29	2140	9140	8780	15900	---	28700	5440	16300	13600	3320	4610	2890
30	3300	7210	4600	28000	---	27200	5310	20000	12300	7960	4440	3690
31	3240	---	4920	23100	---	21100	---	16600	---	10500	9250	---
TOTAL	103290	201610	187400	433870	521700	1322460	623860	226480	410200	269150	218510	242780
MEAN	3332	6720	6045	14000	18630	42660	20800	7306	13670	8682	7049	8093
MAX	4720	14900	12500	41800	51000	90500	106000	20000	30900	20000	12600	28500
MIN	2140	2230	2060	2220	4590	6360	5310	4820	4070	3320	2880	2420
CFSM	.33	.67	.60	1.39	1.84	4.22	2.06	.72	1.35	.86	.70	.80
IN.	.38	.74	.69	1.60	1.92	4.87	2.30	.83	1.51	.99	.80	.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2001, BY WATER YEAR (WY)

MEAN	6879	10150	16780	25250	29340	32990	27150	15100	9675	8758	7104	6139
MAX	29100	57080	72980	66360	75180	82160	82520	45310	30790	26190	20680	21370
(WY)	1996	1930	1933	1937	1990	1929	1979	1929	1989	1940	1984	1975
MIN	2128	2547	4054	4237	7437	7516	4452	2384	2688	2071	2577	2307
(WY)	1936	1940	1934	1956	2000	1988	1986	1986	1988	1988	1986	1931

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1913 - 2001	
ANNUAL TOTAL	3115460		4761310		16260	
ANNUAL MEAN	8512		13040		25910	
HIGHEST ANNUAL MEAN					5402	
LOWEST ANNUAL MEAN					1986	
HIGHEST DAILY MEAN	145000	Apr 7	106000	Apr 4	256000	Apr 8 1938
LOWEST DAILY MEAN	2040	Jan 1	2060	Dec 24	54	Oct 15 1938
ANNUAL SEVEN-DAY MINIMUM	2350	Jun 28	2890	Nov 1	1270	Oct 7 1971
MAXIMUM PEAK FLOW					* 316000	Apr 13 1979
MAXIMUM PEAK STAGE					47.67	Apr 13 1979
INSTANTANEOUS LOW FLOW					54	Oct 15 1938
ANNUAL RUNOFF (CFSM)	.84		1.29		1.61	
ANNUAL RUNOFF (INCHES)	11.47		17.53		21.87	
10 PERCENT EXCEEDS	12800		30200		38500	
50 PERCENT EXCEEDS	4540		7240		9740	
90 PERCENT EXCEEDS	2260		3230		3050	

* Discharge computed on basis of powerplant records and flow over spillway of Jordan Dam.

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02411600 (NWS 01-8859-5) COOSA RIVER AT WETUMPKA, AL

LOCATION.--Lat 32°32'13", long 86°12'32", in SE $\frac{1}{4}$ sec. 13, T. 18 N., R. 18 E., Elmore County, Hydrologic Unit 03150107, on downstream side of bridge on State Highway 14, in Wetumpka, and at mile 11.45.

DRAINAGE AREA.--10,148 mi².

PERIOD OF RECORD.--1893 to current year (gage heights only). October 1971 to current year in reports of Geological Survey; January 1900 to December 1971 in reports of National Weather Service.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 113.45 ft above sea level (datum published incorrectly 1971-96).

COOPERATION.--Remote telemetry provided by U.S. Army Corps of Engineers. Some wire-weight gage readings by National Weather Service.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 57.9 ft, Apr. 8, 1938; minimum gage height, 2.5 ft, Aug. 4, 1925.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 1, 1886, reached a stage of 61.7 ft, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 36.78 ft, Mar. 22; minimum gage height, 10.21 ft, Sept. 9.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.60	11.19	12.74	13.17	16.26	17.77	17.88	12.97	14.82	14.66	14.02	13.06
2	11.78	11.44	12.38	13.20	13.84	16.70	15.24	12.84	17.72	14.73	13.69	13.00
3	12.03	11.49	12.40	13.05	13.36	21.17	16.24	12.65	18.20	14.71	13.61	14.17
4	11.80	11.54	13.15	12.89	13.07	27.42	32.60	12.94	19.46	---	12.92	15.52
5	11.80	11.43	12.78	12.48	13.35	29.80	34.83	12.99	18.82	---	13.51	15.03
6	11.64	11.51	12.73	11.95	12.51	29.47	34.40	13.11	17.12	15.29	14.28	14.42
7	11.38	11.49	13.06	11.73	12.00	26.04	30.73	12.98	16.44	13.98	12.48	13.92
8	11.28	12.37	13.32	13.16	12.90	21.54	24.45	12.83	16.42	12.98	12.17	11.72
9	11.29	13.28	11.87	13.66	13.43	18.58	19.13	13.01	15.97	13.72	12.67	10.78
10	11.41	12.53	11.70	13.00	13.49	14.10	18.82	13.07	14.95	14.28	13.46	11.81
11	11.43	12.63	12.25	12.52	12.85	13.32	18.12	13.03	14.84	14.08	12.82	12.91
12	11.64	12.46	12.30	12.49	14.07	17.67	17.27	13.31	14.37	13.53	11.97	12.75
13	11.82	12.56	12.31	12.16	15.08	25.38	15.43	13.06	14.09	13.67	12.61	12.81
14	11.95	12.68	13.82	12.57	14.78	25.45	13.55	13.15	14.03	12.70	13.68	12.51
15	11.80	12.42	12.77	13.03	14.86	30.68	13.64	13.17	13.96	12.59	13.65	12.52
16	11.74	12.86	12.20	13.14	14.93	32.13	15.68	12.90	13.29	12.40	14.05	12.66
17	11.74	13.24	12.87	12.55	18.78	30.69	14.80	12.68	13.22	12.25	13.66	12.52
18	11.79	12.61	13.63	13.29	17.11	27.79	15.16	12.87	12.74	12.33	12.82	12.52
19	11.68	13.51	13.08	17.40	15.40	24.92	15.48	13.18	12.65	12.65	12.55	12.90
20	11.76	13.62	12.69	21.30	14.66	31.27	14.33	15.61	12.94	12.40	12.63	13.08
21	11.72	12.99	12.73	21.47	14.60	35.80	13.82	13.34	13.49	12.55	12.24	12.89
22	11.60	13.32	13.49	20.29	14.37	36.43	13.14	13.00	13.75	12.75	12.02	13.21
23	11.53	12.58	13.12	21.10	14.86	35.69	13.10	13.32	13.19	12.96	12.61	12.68
24	11.59	12.76	12.14	18.64	13.93	33.67	12.80	13.13	12.76	12.92	12.78	12.76
25	11.64	12.95	11.62	16.62	17.71	---	12.75	13.27	12.93	12.79	12.45	12.64
26	11.62	12.64	11.59	14.65	21.13	26.40	13.35	13.54	13.58	13.22	12.63	12.21
27	11.64	12.43	12.07	12.95	19.55	23.50	13.51	13.11	13.34	13.23	12.79	12.21
28	11.42	12.85	13.73	12.05	17.96	21.81	13.37	13.35	12.77	12.46	12.69	12.19
29	11.26	12.91	14.93	12.94	---	20.17	13.16	14.74	13.73	12.50	12.62	12.11
30	11.32	12.41	14.17	17.12	---	19.36	12.96	14.52	14.87	12.89	12.45	12.32
31	11.41	---	13.23	18.03	---	19.31	---	14.32	---	13.32	12.72	---
MEAN	11.62	12.49	12.80	14.66	15.03	---	17.66	13.29	14.68	---	12.94	12.86
MAX	12.03	13.62	14.93	21.47	21.13	---	34.83	15.61	19.46	---	14.28	15.52
MIN	11.26	11.19	11.59	11.73	12.00	---	12.75	12.65	12.65	---	11.97	10.78

MOBILE RIVER BASIN

02411930 TALLAPOOSA RIVER BELOW TALLAPOOSA, GA

LOCATION.--Lat 33°44'27", long 85°20'11", Haralson County, Hydrologic Unit 03150108, at bridge on U.S. Highway 78, 0.4 mi upstream from Walker Creek, and 2.7 mi west of Tallapoosa, Georgia, and at mile 216.5.

DRAINAGE AREA.--272 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 910 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	16	122	111	377	430	441	230	628	420	96	69
2	11	17	115	110	306	388	399	230	1070	269	76	82
3	11	18	117	105	267	527	439	215	592	224	68	160
4	11	20	115	126	247	1370	640	203	462	195	79	246
5	12	19	113	116	230	889	951	197	481	195	75	188
6	19	23	107	108	211	555	815	192	366	189	78	128
7	30	25	103	104	191	455	578	184	297	166	80	93
8	22	58	100	164	182	406	502	193	291	137	79	79
9	18	1490	98	199	178	376	455	195	379	122	83	70
10	16	880	97	172	250	351	423	192	327	125	77	62
11	15	367	97	151	267	326	397	202	270	152	71	58
12	16	221	96	174	279	608	375	278	250	126	78	55
13	15	150	91	181	371	1530	382	306	244	111	129	53
14	16	118	111	172	377	855	423	228	217	98	129	49
15	14	96	126	166	328	2190	564	189	220	93	116	44
16	14	90	163	155	305	1650	689	173	249	86	89	40
17	13	120	278	149	529	768	507	160	225	81	72	39
18	13	124	229	195	548	563	418	149	180	76	63	38
19	13	192	190	1290	406	504	377	145	154	71	57	38
20	14	283	165	1860	340	3270	357	211	138	68	53	36
21	13	239	148	821	304	3810	333	240	127	74	48	36
22	12	173	142	487	494	1310	317	229	141	71	45	35
23	12	141	131	390	556	805	302	217	197	70	42	36
24	12	125	125	328	438	627	283	190	218	59	39	34
25	14	178	121	282	928	547	281	201	161	56	37	37
26	14	254	115	254	1120	484	268	201	148	58	36	38
27	17	221	117	236	606	438	259	182	154	58	31	36
28	15	169	130	222	486	416	249	228	144	64	25	33
29	14	150	135	206	---	435	240	575	425	112	28	30
30	15	134	127	461	---	533	231	536	421	162	33	29
31	17	---	116	483	---	498	---	314	---	144	36	---
TOTAL	460	6111	4040	9978	11121	27914	12895	7185	9176	3932	2048	1971
MEAN	14.8	204	130	322	397	900	430	232	306	127	66.1	65.7
MAX	30	1490	278	1860	1120	3810	951	575	1070	420	129	246
MIN	11	16	91	104	178	326	231	145	127	56	25	29
CFSM	.05	.75	.48	1.18	1.46	3.31	1.58	.85	1.12	.47	.24	.24
IN.	.06	.84	.55	1.36	1.52	3.82	1.76	.98	1.25	.54	.28	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	MEAN	14.8	204	130	284	334	625	429	172	177	72.0	44.4	42.2
MAX	14.8	204	130	322	397	900	430	232	306	127	66.1	65.7	
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
MIN	14.8	204	130	245	274	349	429	112	48.9	17.2	22.8	18.7	
(WY)	2001	2001	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR				FOR 2001 WATER YEAR				WATER YEARS 2000 - 2001			
ANNUAL TOTAL	56587.1				96831							
ANNUAL MEAN	155				265							
HIGHEST ANNUAL MEAN									265			
LOWEST ANNUAL MEAN									265			
HIGHEST DAILY MEAN	2840				3810				3810			
LOWEST DAILY MEAN	6.1				11				6.1			
ANNUAL SEVEN-DAY MINIMUM	7.2				13				7.2			
MAXIMUM PEAK FLOW					4870				4870			
MAXIMUM PEAK STAGE					16.72				16.72			
ANNUAL RUNOFF (CFSM)	.57				.98				.98			
ANNUAL RUNOFF (INCHES)	7.74				13.24				13.25			
10 PERCENT EXCEEDS	298				540				456			
50 PERCENT EXCEEDS	97				166				128			
90 PERCENT EXCEEDS	11				24				14			

MOBILE RIVER BASIN

02412000 TALLAPOOSA RIVER NEAR HEFLIN, AL

LOCATION.--Lat 33°37'22", long 85°30'48", in NW¹/₄NW¹/₄ sec. 20, T. 16 S., R. 11 E., Cleburne County, Hydrologic Unit 03150108, on right bank 5 ft downstream from county road bridge, 2.2 mi upstream from Cane Creek, 4 mi southeast of Heflin, and at mile 186.8.

DRAINAGE AREA.--448 mi².

PERIOD OF RECORD.--July 1952 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 830 ft, by barometer.

REMARKS.--Estimated daily discharges: Apr. 3, 4, May 20, 21, 26-30, June 28, 29. Records good. Slight diurnal fluctuation caused by small mills above station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	30	188	186	584	691	714	353	1250	649	203	97
2	25	33	179	178	452	596	632	349	1600	489	150	139
3	23	32	173	199	383	901	e670	334	1060	329	129	292
4	21	32	172	200	344	2690	e1400	316	676	307	126	519
5	20	36	167	192	320	1920	1840	301	615	296	152	336
6	51	40	164	185	299	1060	1570	293	520	294	166	243
7	57	44	157	172	282	767	1080	284	418	262	140	177
8	55	86	153	214	269	633	867	277	402	223	138	138
9	40	2020	151	295	261	563	758	293	446	198	137	122
10	33	2590	147	273	338	510	696	291	446	379	136	109
11	30	653	147	240	389	468	648	317	377	443	130	101
12	29	346	148	249	364	875	599	377	351	276	131	96
13	28	235	148	281	470	2780	619	420	332	211	165	90
14	28	179	168	264	524	1790	693	349	301	178	248	86
15	28	149	206	254	471	3380	859	288	286	161	204	80
16	28	134	239	243	439	3770	1170	259	337	153	166	73
17	27	160	386	234	851	1650	891	238	335	144	136	67
18	26	190	391	294	926	995	685	223	277	135	121	66
19	25	302	318	1810	668	858	602	213	235	128	109	66
20	28	443	275	3870	518	4880	558	e250	208	125	99	66
21	33	370	247	1750	446	6980	522	e350	192	141	89	64
22	29	281	235	840	902	4850	494	348	200	136	82	63
23	28	224	223	588	1220	1550	469	336	284	125	78	60
24	26	198	205	469	795	1130	453	287	270	120	73	63
25	26	265	198	400	1230	928	455	e300	268	116	70	69
26	26	333	191	351	2680	800	436	e300	266	114	66	69
27	27	328	187	323	1250	709	413	e270	230	114	64	69
28	27	264	202	298	843	655	395	e350	e250	113	63	65
29	31	225	225	286	---	667	379	e650	e300	129	59	61
30	29	205	216	751	---	829	365	e800	693	216	60	58
31	29	---	198	797	---	810	---	470	---	274	68	---
TOTAL	940	10427	6404	16686	18518	51685	21932	10486	13425	6978	3758	3604
MEAN	30.3	348	207	538	661	1667	731	338	448	225	121	120
MAX	57	2590	391	3870	2680	6980	1840	800	1600	649	248	519
MIN	20	30	147	172	261	468	365	213	192	113	59	58
CFSM	.07	.78	.46	1.20	1.48	3.72	1.63	.76	1.00	.50	.27	.27
IN.	.08	.87	.53	1.39	1.54	4.29	1.82	.87	1.11	.58	.31	.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2001, BY WATER YEAR (WY)

	MEAN	308	417	619	953	1176	1381	1163	749	473	365	283	226
MAX	1579	1288	2488	2363	3402	3551	3626	2050	1161	1002	1220	1081	
(WY)	1996	1993	1984	1972	1961	1990	1979	1968	1989	1994	1967	1975	
MIN	16.2	51.0	142	209	468	321	317	212	65.3	28.5	48.0	30.0	
(WY)	1955	1955	2000	1956	1986	1988	1986	2000	1988	2000	1986	1954	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1952 - 2001
ANNUAL TOTAL	98926	164843	
ANNUAL MEAN	270	452	674
HIGHEST ANNUAL MEAN			1040
LOWEST ANNUAL MEAN			249
HIGHEST DAILY MEAN	5080	6980	30200
LOWEST DAILY MEAN	15	20	13
ANNUAL SEVEN-DAY MINIMUM	17	27	14
MAXIMUM PEAK FLOW		7220	32500
MAXIMUM PEAK STAGE		18.03	31.34
ANNUAL RUNOFF (CFSM)	.60	1.01	1.50
ANNUAL RUNOFF (INCHES)	8.21	13.69	20.44
10 PERCENT EXCEEDS	504	881	1250
50 PERCENT EXCEEDS	164	265	408
90 PERCENT EXCEEDS	27	53	114

e Estimated

MOBILE RIVER BASIN

02413210 LITTLE TALLAPOOSA RIVER BELOW BOWDON, GA

LOCATION.--Lat 33°29'34", long 85°16'45", Carroll County, Hydrologic Unit 03150108, at bridge on State Highway 100, 1.9 mi upstream from Indian Creek, and 3.8 mi southwest of Bowdon, Georgia.

DRAINAGE.--245 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 910 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	20	109	110	396	372	450	170	381	127	110	41
2	24	19	106	102	304	327	392	160	751	140	78	49
3	24	18	102	97	259	420	578	156	627	138	61	109
4	21	20	98	98	220	1170	1350	142	474	152	54	228
5	18	21	92	94	195	1100	1170	135	435	368	56	206
6	24	22	91	91	174	711	1070	129	333	276	56	113
7	41	29	86	87	165	452	913	124	272	231	54	78
8	41	33	88	119	159	365	636	113	314	168	82	65
9	29	530	84	162	150	320	509	108	345	129	84	58
10	24	796	84	142	192	288	447	127	289	113	74	53
11	23	425	82	126	229	266	399	118	245	158	67	51
12	22	204	83	130	201	744	356	140	366	138	61	48
13	22	124	77	143	228	1780	353	129	508	105	58	48
14	19	91	86	137	239	1700	439	117	340	93	64	43
15	18	76	110	125	227	2470	474	100	265	79	64	36
16	17	64	146	120	216	2310	689	97	264	72	58	34
17	16	78	279	125	445	1920	618	86	231	68	48	33
18	16	92	291	142	516	1220	435	80	182	61	40	31
19	16	177	224	854	364	686	355	78	145	58	38	31
20	17	295	184	1610	297	2740	316	149	123	72	37	31
21	17	226	154	1540	262	3110	290	258	110	97	37	32
22	15	147	154	1040	331	2760	276	266	103	64	36	31
23	16	122	140	477	852	1870	267	257	164	57	34	30
24	17	110	122	348	685	1080	250	193	199	51	33	33
25	22	171	112	283	503	711	248	147	162	48	30	40
26	22	266	106	238	743	520	241	124	156	47	28	44
27	21	222	107	209	622	433	222	113	152	49	26	40
28	20	168	112	188	453	379	203	105	131	48	26	36
29	20	139	134	172	---	402	192	172	119	47	28	33
30	20	122	133	434	---	564	177	243	116	69	33	31
31	19	---	117	575	---	537	---	188	---	102	37	---
TOTAL	665	4827	3893	10118	9627	33727	14315	4524	8302	3425	1592	1736
MEAN	21.5	161	126	326	344	1088	477	146	277	110	51.4	57.9
MAX	41	796	291	1610	852	3110	1350	266	751	368	110	228
MIN	15	18	77	87	150	266	177	78	103	47	26	30
CFSM	.09	.66	.51	1.33	1.40	4.44	1.95	.60	1.13	.45	.21	.24
IN.	.10	.73	.59	1.54	1.46	5.12	2.17	.69	1.26	.52	.24	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

MEAN	21.5	161	126	264	313	724	508	118	160	66.6	41.5	43.4
MAX	21.5	161	126	326	344	1088	538	146	277	110	51.4	57.9
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
MIN	21.5	161	126	202	283	360	477	90.5	42.9	22.8	31.7	28.9
(WY)	2001	2001	2001	2000	2000	2000	2001	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 2000 - 2001
ANNUAL TOTAL	57838	96751	
ANNUAL MEAN	158	265	265
HIGHEST ANNUAL MEAN			265
LOWEST ANNUAL MEAN			265
HIGHEST DAILY MEAN	2420	3110	3110
LOWEST DAILY MEAN	13	15	13
ANNUAL SEVEN-DAY MINIMUM	16	16	16
MAXIMUM PEAK FLOW		3660	3660
MAXIMUM PEAK STAGE		14.19	14.19
ANNUAL RUNOFF (CFSM)	.65	1.08	1.08
ANNUAL RUNOFF (INCHES)	8.78	14.69	14.70
10 PERCENT EXCEEDS	303	576	453
50 PERCENT EXCEEDS	76	129	113
90 PERCENT EXCEEDS	20	27	23

MOBILE RIVER BASIN

02413300 LITTLE TALLAPOOSA RIVER NEAR NEWELL, AL

LOCATION.--Lat 33°26'14", long 85°23'57", in SW¹/₄SW¹/₄ sec. 21, T. 18 S., R. 12 E., Randolph County, Hydrologic Unit 03150108, near right bank on downstream side of bridge on County Highway 82, 1.0 mi upstream from Cut Nose Creek, and 2.0 mi east of Newell.

DRAINAGE AREA.--406 mi².

PERIOD OF RECORD.--October 1975 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 842.92 ft above sea level (datum published incorrectly 1976-86).

REMARKS.--Estimated daily discharges: Oct. 1-4, May 22-24, July 10, 11. Records good. Low flow can be affected by regulation from gristmill located 3.2 mi upstream. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of February 1975 reached a stage of 19.3 ft from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e34	32	169	184	623	619	744	352	798	251	208	87
2	e33	31	159	174	468	543	655	339	1160	248	172	99
3	e32	34	157	169	389	771	1260	331	1000	238	142	300
4	e32	28	151	174	342	2070	2580	314	710	287	133	437
5	31	19	145	177	309	1750	2250	302	620	544	130	372
6	47	23	140	157	284	1220	1710	294	505	462	130	261
7	89	29	137	154	266	793	1490	286	403	385	129	176
8	81	45	134	203	256	621	1090	280	528	307	162	145
9	63	1090	131	245	251	540	875	266	566	252	183	130
10	49	1080	129	233	299	482	771	290	461	e220	167	120
11	44	716	131	212	338	438	700	322	447	e340	148	110
12	40	350	129	215	321	1600	635	355	708	319	138	105
13	39	221	128	230	337	3080	631	314	803	247	130	99
14	38	164	162	222	356	2450	728	289	567	208	139	97
15	36	134	183	209	347	4220	828	265	434	183	147	91
16	35	119	222	200	343	3310	1050	244	430	167	140	78
17	35	128	343	206	710	2630	987	235	379	158	127	73
18	33	148	381	239	802	1860	728	219	319	148	109	71
19	32	294	320	1680	599	1180	611	223	265	141	98	68
20	44	429	269	2570	475	5120	554	325	257	138	90	66
21	46	356	239	2060	415	4530	512	501	226	221	84	65
22	51	255	237	1510	465	3730	483	e550	209	162	79	65
23	28	206	221	784	1040	2900	466	e500	212	143	76	62
24	28	184	202	532	1050	1820	451	e390	304	130	73	65
25	29	238	188	428	854	1230	455	329	240	124	68	79
26	34	325	176	360	1130	915	438	293	256	123	65	84
27	35	315	173	320	1010	762	415	270	236	123	62	83
28	34	248	188	293	760	675	395	256	235	123	59	77
29	32	209	216	278	---	696	379	369	223	121	59	70
30	32	187	216	694	---	876	361	427	259	178	61	64
31	33	---	197	839	---	865	---	384	---	187	65	---
TOTAL	1249	7637	5973	15951	14839	54296	25232	10114	13760	6878	3573	3699
MEAN	40.3	255	193	515	530	1751	841	326	459	222	115	123
MAX	89	1090	381	2570	1130	5120	2580	550	1160	544	208	437
MIN	28	19	128	154	251	438	361	219	209	121	59	62
CFSM	.10	.63	.47	1.27	1.31	4.31	2.07	.80	1.13	.55	.28	.30
IN.	.11	.70	.55	1.46	1.36	4.97	2.31	.93	1.26	.63	.33	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2001, BY WATER YEAR (WY)

	290	426	545	822	1040	1264	935	572	411	319	232	177
MEAN	290	426	545	822	1040	1264	935	572	411	319	232	177
MAX	1371	1381	1796	1548	2435	2799	2631	1109	973	1119	1081	603
(WY)	1996	1993	1984	1976	1990	1990	1979	1991	1989	1994	1984	1994
MIN	40.3	99.7	151	203	421	311	287	183	68.2	35.0	49.4	30.5
(WY)	2001	1979	2000	1981	1986	1988	1986	2000	1988	2000	2000	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1976 - 2001
ANNUAL TOTAL	91424	163201	
ANNUAL MEAN	250	447	584
HIGHEST ANNUAL MEAN			908
LOWEST ANNUAL MEAN			237
HIGHEST DAILY MEAN	3500	5120	12600
LOWEST DAILY MEAN	18	19	18
ANNUAL SEVEN-DAY MINIMUM	21	28	21
MAXIMUM PEAK FLOW		6570	14100
MAXIMUM PEAK STAGE		12.86	18.18
ANNUAL RUNOFF (CFSM)	.62	1.10	1.44
ANNUAL RUNOFF (INCHES)	8.38	14.95	19.53
10 PERCENT EXCEEDS	460	992	1240
50 PERCENT EXCEEDS	138	245	348
90 PERCENT EXCEEDS	32	56	94

e Estimated

MOBILE RIVER BASIN

02414500 TALLAPOOSA RIVER AT WADLEY, AL

LOCATION.--Lat 33°07'00", long 85°33'39", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 12, T. 22 S., R. 10 E., Randolph County, Hydrologic Unit 03150109, on left bank 50 ft upstream from bridge on State Highway 22, 1 mi downstream from Beaver Dam Creek, and at mile 125.3.

DRAINAGE AREA.--1,675 mi².

PERIOD OF RECORD.--September 1923 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 599.87 ft above sea level. June 17, 1959, to Sept. 30, 1970, nonrecording gage at same site and datum. Prior to June 17, 1959, at site 0.2 mi upstream at datum 1.46 ft higher.

EXTREMES FOR PERIOD OF RECORD (SEPTEMBER 1923 TO SEPTEMBER 1983).--Maximum discharge, 89,400 ft³/s, Apr. 14, 1979, gage height, 30.57 ft; minimum daily discharge, 45 ft³/s, Oct. 2-4, 1954.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by several small mill dams above station and since 1982 by Harris Reservoir (station 02412950). Period subsequent to October 1, 1983 is used for monthly statistics. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	594	867	1270	255	2790	3400	2730	1950	5610	1140	2670	338
2	316	756	1480	2310	924	2730	2390	1660	6630	2590	2360	204
3	232	734	306	2230	1940	1030	10500	1990	4340	2930	2340	462
4	249	594	1200	1250	1840	6400	14800	1830	4410	504	448	760
5	259	291	799	441	2000	7890	7490	750	3970	4000	1360	1410
6	308	452	707	475	865	5340	8780	1640	2220	3310	503	524
7	319	485	760	420	930	3980	6700	1830	3530	909	1390	1710
8	266	761	266	301	1830	2910	6000	1810	3320	472	1980	443
9	700	1870	319	1020	1150	2700	5550	1620	3010	2300	1930	214
10	780	944	690	1650	936	1320	4910	1910	2110	2360	2380	2990
11	442	321	215	404	1510	1260	4400	2510	4490	2750	444	2510
12	1030	426	181	973	2990	8050	3480	733	2690	2780	363	1530
13	742	300	2840	2150	2070	10800	3290	1600	5020	1730	1370	1550
14	180	363	239	286	1630	10800	2390	1320	3570	584	2120	1490
15	320	372	741	964	1820	13300	4270	1440	2980	401	1760	517
16	220	529	336	1620	4540	14200	5150	1440	934	1070	2260	288
17	640	797	717	1100	2910	9300	4500	1900	451	1590	2440	1300
18	1020	543	1670	1890	3910	5990	3480	2320	1820	1530	376	2040
19	520	730	1880	8650	2790	5870	3410	976	2230	988	376	1570
20	260	684	2290	11600	2990	19200	2440	1360	1740	1140	1280	2490
21	140	449	868	8930	2260	14100	1940	3360	2340	522	502	791
22	240	904	2250	3370	2190	12900	1110	2510	1410	329	2280	1380
23	490	2650	235	2400	5660	13300	1230	3330	634	289	2470	569
24	780	1490	404	1920	2230	14600	861	1940	504	1980	1430	571
25	960	1180	251	3340	4300	10200	746	2500	1410	1150	556	234
26	500	564	311	3520	7070	8250	787	1640	1350	470	179	314
27	205	1470	636	911	7060	4470	761	1190	2040	554	635	283
28	214	930	970	394	4230	4380	698	615	1630	328	307	381
29	195	1230	2640	565	---	3670	611	2200	3600	415	253	203
30	228	701	197	4330	---	2930	850	3510	681	2170	241	216
31	591	---	297	4090	---	5360	---	2970	---	2130	381	---
TOTAL	13940	24387	27965	73759	77365	230630	116254	58354	80674	45415	39384	29282
MEAN	450	813	902	2379	2763	7440	3875	1882	2689	1465	1270	976
MAX	1030	2650	2840	11600	7070	19200	14800	3510	6630	4000	2670	2990
MIN	140	291	181	255	865	1030	611	615	451	289	179	203
CFSM	.27	.49	.54	1.42	1.65	4.44	2.31	1.12	1.61	.87	.76	.58
IN.	.31	.54	.62	1.64	1.72	5.12	2.58	1.30	1.79	1.01	.87	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2001, BY WATER YEAR (WY)

	MEAN	1295	2074	2465	3369	4607	5291	2500	2115	1859	1749	1411	961
MAX	5599	6246	8336	6757	10890	13270	5031	5111	4664	4497	4331	1556	
(WY)	1996	1993	1984	1993	1990	1990	1998	1984	1989	1994	1984	1985	
MIN	234	458	729	1248	1581	1294	542	444	521	527	573	320	
(WY)	1987	2000	1988	1986	2000	1988	1986	1986	1986	1988	2000	1990	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1984 - 2001

ANNUAL TOTAL	412031	817409	
ANNUAL MEAN	1126	2239	
HIGHEST ANNUAL MEAN		2466	
LOWEST ANNUAL MEAN		3953	1990
HIGHEST DAILY MEAN	16500	19200	60300
LOWEST DAILY MEAN	111	140	41
ANNUAL SEVEN-DAY MINIMUM	219	278	95
MAXIMUM PEAK FLOW		25000	67600
MAXIMUM PEAK STAGE		15.42	26.72
ANNUAL RUNOFF (CFSM)	.67	1.34	1.47
ANNUAL RUNOFF (INCHES)	9.15	18.15	20.00
10 PERCENT EXCEEDS	2340	4950	5290
50 PERCENT EXCEEDS	628	1410	1600
90 PERCENT EXCEEDS	224	301	208

MOBILE RIVER BASIN

02414500 TALLAPOOSA RIVER AT WADLEY, AL--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.02	3.25	3.58	2.60	4.72	5.05	4.78	3.97	6.17	3.57	4.30	2.80
2	2.74	3.16	3.73	4.23	3.19	4.67	4.54	3.92	6.97	4.42	4.13	2.53
3	2.57	3.10	2.72	4.29	4.21	3.66	8.58	4.05	5.70	4.75	4.11	2.84
4	2.61	2.94	3.57	3.73	4.10	6.86	10.79	3.98	5.53	3.03	2.81	3.40
5	2.62	2.69	3.23	2.93	3.94	7.49	7.38	3.22	5.27	4.92	3.43	3.65
6	2.70	2.81	3.10	2.95	3.36	6.16	8.00	3.53	4.14	4.81	2.86	3.04
7	2.75	2.92	3.15	2.90	3.41	5.42	6.91	3.95	4.92	3.44	3.27	3.70
8	2.64	3.32	2.66	2.69	4.02	4.79	6.66	3.96	4.95	3.04	3.87	2.83
9	3.07	4.32	2.73	3.47	3.63	4.54	6.38	3.84	4.96	3.96	4.11	2.49
10	3.15	3.57	3.17	3.91	3.21	3.70	5.99	4.08	4.46	4.29	4.24	4.04
11	2.72	2.78	2.49	2.80	3.69	3.64	5.46	4.34	5.51	4.54	2.85	4.25
12	3.50	2.93	2.43	3.31	4.75	7.41	5.08	3.22	4.77	4.56	2.83	3.65
13	3.23	2.72	4.71	4.31	4.11	8.89	5.10	3.66	5.89	3.94	3.48	3.67
14	2.39	2.81	2.58	2.67	4.03	8.82	4.49	3.58	5.14	3.10	4.03	3.61
15	2.70	2.84	3.22	3.40	4.13	10.11	5.60	3.67	4.91	2.92	3.92	2.84
16	2.54	2.98	2.72	3.98	5.67	10.50	6.14	3.68	3.53	3.41	4.11	2.70
17	3.31	3.21	3.28	3.45	4.94	8.19	5.82	4.06	3.04	3.86	4.12	3.46
18	3.72	3.05	3.89	3.84	5.46	6.51	5.26	4.23	3.87	3.67	2.70	3.95
19	3.15	3.37	3.82	7.75	4.69	6.40	5.12	3.51	4.27	3.28	2.84	3.70
20	2.68	3.31	4.34	9.26	4.89	12.78	4.57	3.63	3.94	3.63	3.53	4.30
21	2.32	2.99	3.38	7.98	4.24	10.45	4.13	5.16	4.38	3.06	2.99	3.31
22	2.63	3.20	4.30	4.97	4.20	9.90	3.60	4.47	3.79	2.78	3.98	4.00
23	3.10	4.64	2.57	4.28	6.28	10.10	3.64	4.88	3.24	2.71	4.15	3.03
24	3.48	3.76	2.90	4.15	4.07	10.65	3.41	4.07	3.09	3.80	3.56	3.09
25	3.66	3.44	2.56	5.02	5.43	8.55	3.39	4.35	3.64	3.45	2.99	2.49
26	3.12	3.13	2.75	5.04	7.03	7.61	3.42	3.92	3.61	2.90	2.43	2.74
27	2.54	3.84	3.05	3.25	7.04	5.69	3.39	3.56	4.20	3.09	3.14	2.68
28	2.52	3.39	3.28	2.90	5.56	5.66	3.32	3.16	3.87	2.71	2.67	2.83
29	2.48	3.57	4.59	3.11	---	5.28	3.23	4.31	5.20	2.87	2.55	2.52
30	2.47	3.18	2.51	5.53	---	4.92	3.34	4.94	3.24	3.77	2.59	2.55
31	2.91	---	2.67	5.53	---	6.14	---	4.51	---	3.96	2.76	---
MEAN	2.87	3.24	3.22	4.20	4.57	7.11	5.25	3.98	4.54	3.62	3.40	3.22
MAX	3.72	4.64	4.71	9.26	7.04	12.78	10.79	5.16	6.97	4.92	4.30	4.30
MIN	2.32	2.69	2.43	2.60	3.19	3.64	3.23	3.16	3.04	2.71	2.43	2.49
CAL YR 2000	MEAN 3.32		MAX 11.56		MIN 2.18							
WTR YR 2001	MEAN 4.10		MAX 12.78		MIN 2.32							

MOBILE RIVER BASIN

02414525 HIGH PINE CREEK NEAR ROANOKE, AL

LOCATION.--Lat 33°09'31", long 85°24'06", in SE 1/4 sec. 28, T. 21 S., R. 12 E., Randolph County, Hydrologic Unit 03150109, on left bank just upstream of sewage outfall, 100 ft downstream of Town Creek, 500 ft downstream of State Highway 22, and 2 mi west of Roanoke.

DRAINAGE.--21.3 mi².

PERIOD OF RECORD.--August 1998 to September 2001 (discontinued).

REVISED RECORDS.--WDR AL-00-1: 1999, 1999(P).

GAGE.--Water-stage recorder. Datum of gage is 700 ft (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 12-31, Nov. 1-9, Dec. 5-10, 29, 30, Jan. 1, 2, 5-7, 14-16, 21-23, Jan. 26 to Feb. 6. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	e1.3	7.2	e12	e26	34	42	21	63	61	9.7	16
2	1.3	e1.3	6.3	e11	e23	34	37	20	43	33	8.4	11
3	1.2	e1.3	6.3	9.6	e21	197	381	19	176	24	7.5	12
4	1.2	e1.4	6.1	9.0	e19	238	343	18	50	21	7.1	12
5	1.2	e1.6	e6.4	e9.0	e18	149	271	17	24	91	6.7	11
6	7.2	e2.6	e6.8	e9.2	e16	104	225	20	19	36	6.7	8.8
7	2.2	e20	e6.4	e10	15	68	180	19	22	23	7.8	7.3
8	1.7	e170	e6.2	14	14	46	136	19	53	18	8.7	6.3
9	1.7	e70	e6.0	11	14	38	103	20	71	16	8.1	5.5
10	1.6	21	e5.7	9.2	22	33	74	19	50	15	13	5.0
11	1.6	13	5.3	10	18	30	55	23	84	14	8.6	4.8
12	e1.6	8.0	5.1	14	25	158	46	20	81	13	7.4	4.7
13	e1.6	5.6	6.1	12	24	137	44	19	52	12	7.3	4.3
14	e1.6	4.2	13	e12	23	100	43	17	35	11	7.5	3.8
15	e1.5	3.9	10	e11	21	385	48	16	27	9.8	6.7	3.4
16	e1.5	3.9	14	e12	90	203	43	15	22	9.5	6.2	3.1
17	e1.5	6.4	12	11	170	149	37	14	19	9.0	5.5	3.0
18	e1.6	12	11	18	93	105	33	14	17	8.5	5.0	3.0
19	e1.5	49	11	68	57	113	31	20	15	8.1	7.4	3.0
20	e1.5	28	10	102	39	474	30	26	18	16	8.1	3.4
21	e1.5	18	12	e65	32	256	29	21	29	15	6.9	3.0
22	e1.4	14	12	e45	33	201	28	23	52	13	5.9	2.8
23	e1.5	11	11	e33	27	153	26	21	27	11	4.9	2.7
24	e1.5	12	10	25	24	112	29	18	20	9.1	4.2	3.6
25	e1.4	16	10	22	64	82	30	19	17	9.5	3.6	3.5
26	e1.4	13	9.5	e20	57	59	27	17	15	9.5	3.3	3.1
27	e1.3	11	8.6	e19	43	45	25	15	14	8.9	3.3	3.0
28	e1.3	9.5	16	e18	39	40	23	16	14	8.5	3.2	2.8
29	e1.2	8.5	e21	e17	---	58	22	150	80	11	3.4	2.5
30	e1.3	8.1	e16	e36	---	57	21	46	107	14	3.4	2.3
31	e1.3	---	13	e30	---	48	---	30	---	12	4.5	---
TOTAL	51.2	545.6	300.0	704.0	1067	3906	2462	752	1316	570.4	200.0	160.7
MEAN	1.65	18.2	9.68	22.7	38.1	126	82.1	24.3	43.9	18.4	6.45	5.36
MAX	7.2	170	21	102	170	474	381	150	176	91	13	16
MIN	1.2	1.3	5.1	9.0	14	30	21	14	14	8.1	3.2	2.3
CFSM	.08	.85	.45	1.07	1.79	5.92	3.85	1.14	2.06	.86	.30	.25
IN.	.09	.95	.52	1.23	1.86	6.82	4.30	1.31	2.30	1.00	.35	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

	3.98	11.6	12.1	30.9	24.5	59.8	41.3	12.4	25.1	16.6	4.22	3.53
MEAN	3.98	11.6	12.1	30.9	24.5	59.8	41.3	12.4	25.1	16.6	4.22	3.53
MAX	5.73	18.2	18.8	47.2	38.1	126	82.1	24.3	43.9	30.1	6.45	5.36
(WY)	1999	2001	2000	2000	2001	2001	2001	2001	2001	1999	2001	2001
MIN	1.65	6.93	7.85	22.7	14.0	25.7	13.0	2.80	.90	1.37	1.96	1.55
(WY)	2001	1999	1999	2001	2000	2000	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1998 - 2001	
ANNUAL TOTAL	4689.15		12034.9			
ANNUAL MEAN	12.8		33.0		20.5	
HIGHEST ANNUAL MEAN					33.0	
LOWEST ANNUAL MEAN					13.1	
HIGHEST DAILY MEAN	431	Jan 10	474	Mar 20	474	Mar 20 2001
LOWEST DAILY MEAN	.48	Jul 6	1.2	Oct 3-5, 29	.48	Jul 6 2000
ANNUAL SEVEN-DAY MINIMUM	.52	Jul 1	1.3	Oct 27	.52	Jul 1 2000
MAXIMUM PEAK FLOW			1270	Jun 3	1470	Jun 16 1999
MAXIMUM PEAK STAGE			10.77	Jun 3	11.65	Jun 16 1999
ANNUAL RUNOFF (CFSM)	.60		1.55		.96	
ANNUAL RUNOFF (INCHES)	8.19		21.02		13.08	
10 PERCENT EXCEEDS	22		80		40	
50 PERCENT EXCEEDS	4.8		14		8.6	
90 PERCENT EXCEEDS	.71		2.4		1.3	

e Estimated

MOBILE RIVER BASIN

02414715 TALLAPOOSA RIVER NEAR NEW SITE, AL

LOCATION.--Lat 32°58'38", long 85°44'23", in NW¹/₄SW¹/₄ sec. 15, T. 23 N., R. 23 E., Tallapoosa County, Hydrologic Unit 03150109, on right bank 100 ft downstream from bridge on State Highway 49, 1 mi upstream from Emuckfaw Creek, 5 mi south of New Site, and at mile 95.9.

DRAINAGE AREA.--2,058 mi².

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

REVISED RECORDS.--WDR AL-89-1: 1988(M).

GAGE.--Water-stage recorder. Datum of gage is 528.62 ft above sea level.

REMARKS.--Estimated daily discharges: Oct. 6-10, Dec. 19, 20. Records fair. Flow regulated by Harris Reservoir (station 02412950) and small mill dams above station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	695	897	1720	952	4480	4110	6340	2240	6540	2390	2630	388
2	357	1060	2570	1770	1930	4420	3730	3250	11800	2690	3050	511
3	351	948	734	3390	2620	3600	8520	2490	6480	3790	2670	395
4	300	1060	1070	2250	2930	9020	31900	3070	4890	3390	2690	1240
5	283	374	1460	1570	3190	11400	12000	2750	5970	1090	420	718
6	e350	388	1200	1020	1910	8100	9680	921	4420	5980	1970	1880
7	e360	858	1270	884	1730	5520	9430	3020	3660	3730	382	613
8	e320	770	1080	910	2150	4710	6760	2710	5030	1310	1960	1980
9	e850	2060	482	1130	2460	3480	6510	2560	4980	929	2420	545
10	e920	2660	723	2560	1750	3100	5820	2470	4260	3230	2330	295
11	997	1050	1030	1290	2470	2590	4870	2830	3370	3160	2770	3580
12	984	668	440	1040	3720	4960	5900	3390	6350	3240	567	2600
13	1460	531	2570	2850	2840	15500	4920	1160	3960	3370	505	1880
14	493	479	1460	1680	3160	10900	4260	2800	5920	2060	1920	1810
15	336	571	829	936	2760	18300	4440	2310	4080	645	2560	1760
16	315	508	1320	2170	3460	20200	6140	2350	3830	646	2110	335
17	298	956	1240	2300	7050	12100	5480	2190	1490	1740	2480	339
18	1430	1420	1840	2260	4970	8000	5630	2640	1140	2070	2790	1830
19	1170	1870	e2400	6770	4340	6210	4500	3320	2970	2010	396	2370
20	397	2210	e2800	12600	4400	24600	3720	2100	2960	1590	535	1700
21	299	1400	1830	11500	3180	23500	3120	3550	2500	1780	1770	2660
22	230	799	2920	6810	3020	16300	3250	3540	2940	774	512	1050
23	264	3090	1430	3530	5230	14000	2150	3650	2230	585	2730	1680
24	913	1760	751	2950	4110	16000	2710	3910	1430	521	2710	658
25	1250	3040	657	3870	4090	14100	2180	2800	1160	2620	1750	419
26	1200	931	625	4180	8480	7410	2300	3400	2240	1700	382	340
27	357	1870	622	3020	7690	7280	2210	2390	2140	565	289	385
28	297	1730	1900	906	7190	5860	2180	2150	2600	874	702	400
29	281	1810	3530	975	---	4980	1940	1950	3280	481	418	330
30	265	1380	1940	4350	---	4610	1680	3700	4930	649	313	265
31	777	---	741	5280	---	4230	---	4090	---	2820	440	---
TOTAL	18799	39148	45184	97703	107310	299090	174270	85701	119550	62429	49171	34956
MEAN	606	1305	1458	3152	3832	9648	5809	2765	3985	2014	1586	1165
MAX	1460	3090	3530	12600	8480	24600	31900	4090	11800	5980	3050	3580
MIN	230	374	440	884	1730	2590	1680	921	1140	481	289	265
CFSM	.29	.63	.71	1.53	1.86	4.69	2.82	1.34	1.94	.98	.77	.57
IN.	.34	.71	.82	1.77	1.94	5.41	3.15	1.55	2.16	1.13	.89	.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2001, BY WATER YEAR (WY)

	MEAN	1797	2759	3013	4482	5763	6979	3637	2540	2575	2252	1615	1268
MAX	7270	7601	7959	8191	12880	16230	7210	5774	6704	5517	3561	2448	
(WY)	1996	1993	1993	1996	1990	1990	1998	1991	1989	1994	1994	1988	
MIN	325	677	1011	1757	2270	1785	800	763	689	841	727	413	
(WY)	1988	2000	1988	1986	1986	1988	1986	1986	1986	1986	2000	1990	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1986 - 2001
ANNUAL TOTAL	586650	1133311	
ANNUAL MEAN	1603	3105	3321
HIGHEST ANNUAL MEAN			5065
LOWEST ANNUAL MEAN			1461
HIGHEST DAILY MEAN	18300	31900	78300
LOWEST DAILY MEAN	193	230	98
ANNUAL SEVEN-DAY MINIMUM	324	332	167
MAXIMUM PEAK FLOW		38200	91400
MAXIMUM PEAK STAGE		12.80	19.15
ANNUAL RUNOFF (CFSM)	.78	1.51	1.61
ANNUAL RUNOFF (INCHES)	10.60	20.49	21.92
10 PERCENT EXCEEDS	3190	6340	6450
50 PERCENT EXCEEDS	1040	2210	2310
90 PERCENT EXCEEDS	321	419	364

e Estimated

MOBILE RIVER BASIN

02415000 HILLABEE CREEK NEAR HACKNEYVILLE, AL

LOCATION.--Lat 33°04'00", long 85°52'45", in NW¹/₄SW¹/₄ sec. 17, T. 24 N., R. 22 E., Tallapoosa County, Hydrologic Unit 03150109, near center of channel on downstream side of county road bridge, 1 mi downstream from Enitachopco Creek, 3 mi east of Hackneyville, and 4 mi upstream from Hackney Creek.

DRAINAGE AREA.--190 mi².

PERIOD OF RECORD.--June 1952 to September 1970, October 1970 to September 1972 (flood hydrograph only), October 1985 to current year.

REVISED RECORD.--WDR AL-86-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 557.92 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 13, 1979 reached a gage height of 28.10 ft, from floodmarks, discharge, 26,400 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	12	93	137	326	425	431	274	819	165	81	90
2	11	12	88	121	269	392	392	265	796	155	69	92
3	10	12	81	108	238	1460	2050	262	316	174	63	258
4	9.6	12	74	104	223	2730	6710	247	256	166	64	287
5	9.1	14	72	99	204	945	1500	240	227	198	88	131
6	14	14	70	95	190	655	1040	236	202	184	76	95
7	33	27	68	92	180	519	850	228	192	145	125	74
8	27	249	66	248	171	443	756	227	593	120	180	65
9	18	2290	67	198	169	404	696	239	1440	109	101	60
10	15	494	64	148	249	366	636	240	799	105	90	56
11	14	216	63	135	203	333	568	254	821	108	89	57
12	14	119	73	180	232	1140	512	280	585	96	80	58
13	14	85	65	161	287	1390	510	269	464	93	83	54
14	14	69	184	138	242	655	519	221	334	82	123	50
15	13	58	131	131	227	3020	595	204	372	78	86	48
16	12	58	121	125	288	1130	540	196	308	77	68	43
17	12	131	145	184	1260	737	449	188	243	73	60	41
18	12	113	117	234	525	589	417	179	212	69	60	41
19	11	656	106	1830	374	674	402	180	194	64	74	42
20	11	444	95	1280	309	5460	386	285	182	77	71	45
21	11	233	93	583	281	2610	371	234	188	352	60	43
22	10	163	133	392	321	1210	354	296	183	159	53	39
23	10	128	111	302	289	886	341	282	195	108	49	37
24	11	117	99	257	246	742	335	207	166	108	47	40
25	11	356	93	225	1060	665	348	213	148	136	45	49
26	12	251	85	203	831	577	315	203	141	116	43	46
27	11	181	87	194	508	521	303	182	137	96	41	40
28	11	139	186	181	500	488	293	184	138	88	40	38
29	11	118	346	181	---	508	290	426	199	90	45	36
30	12	104	214	924	---	526	281	250	171	93	56	34
31	12	---	164	477	---	463	---	202	---	86	64	---
TOTAL	407.7	6875	3454	9667	10202	32663	23190	7393	11021	3770	2274	2089
MEAN	13.2	229	111	312	364	1054	773	238	367	122	73.4	69.6
MAX	33	2290	346	1830	1260	5460	6710	426	1440	352	180	287
MIN	9.1	12	63	92	169	333	281	179	137	64	40	34
CFSM	.07	1.21	.59	1.64	1.92	5.55	4.07	1.26	1.93	.64	.39	.37
IN.	.08	1.35	.68	1.89	2.00	6.40	4.54	1.45	2.16	.74	.45	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2001, BY WATER YEAR (WY)

	MEAN	112	179	292	407	569	651	556	295	216	163	107	110
	MAX	574	830	1171	874	1551	1689	1309	725	655	592	262	720
(WY)	1996	1993	1962	1990	1990	1990	1990	1964	1953	1989	1989	1992	1988
	MIN	11.5	37.5	62.7	93.5	178	176	125	82.4	38.6	14.6	12.5	15.3
(WY)	1955	1955	2000	1956	1986	1988	1986	2000	1988	2000	2000	2000	1990

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1952 - 2001

ANNUAL TOTAL	45244.2	113005.7	
ANNUAL MEAN	124	310	
HIGHEST ANNUAL MEAN			304
LOWEST ANNUAL MEAN			503
HIGHEST DAILY MEAN	2290	Nov 9	1990
LOWEST DAILY MEAN	4.3	Aug 24	2000
ANNUAL SEVEN-DAY MINIMUM	5.0	Aug 21	2000
MAXIMUM PEAK FLOW			12300
MAXIMUM PEAK STAGE			Apr 5 1957
ANNUAL RUNOFF (CFSM)	.65		4.3
ANNUAL RUNOFF (INCHES)	8.86		5.0
10 PERCENT EXCEEDS	250		17700
50 PERCENT EXCEEDS	68		25.70
90 PERCENT EXCEEDS	11		1.60
			21.71
			610
			170
			46

MOBILE RIVER BASIN

02418230 SOUGAHATCHEE CREEK NEAR LOACHAPOKA, AL

LOCATION.--Lat 32°37'36", Long 85°35'17", in NW¹/₄ sec. 19, T. 19 N., R. 25 E., Lee County, Hydrologic Unit 03150110, on downstream side of bridge on County Road 188, 1 mi upstream of Loblocklee Creek, and 2 mi north of Loachapoka.

DRAINAGE AREA.--71.3 mi²

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

GAGE.--Water-stage recorder. Datum of gage is 520 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow includes wastewater treatment plant discharges from City of Auburn.

Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	10	18	54	56	66	150	65	44	58	14	33
2	11	10	17	49	51	220	128	59	107	49	12	56
3	13	10	16	46	48	2150	669	56	57	70	12	26
4	14	10	16	46	47	4210	2860	54	59	44	10	22
5	15	10	16	44	45	548	611	52	52	63	11	23
6	20	9.9	16	46	44	247	323	51	43	44	18	33
7	35	26	17	40	43	150	224	49	43	36	14	23
8	16	67	17	57	43	112	183	48	68	31	15	21
9	13	262	17	46	43	107	159	49	47	27	14	21
10	15	49	17	42	63	112	139	50	49	27	13	20
11	15	22	16	40	49	87	124	57	46	38	12	19
12	13	16	17	47	45	372	112	59	71	25	12	20
13	12	14	16	42	47	727	108	58	60	23	17	21
14	11	13	43	40	47	289	116	49	47	21	71	17
15	10	12	34	39	45	1720	123	45	46	20	29	16
16	9.3	13	342	40	44	613	127	43	41	18	23	16
17	9.2	42	223	45	69	289	98	42	36	18	22	15
18	9.1	22	74	42	51	204	85	41	33	17	21	14
19	8.8	141	62	78	50	229	79	41	31	17	20	14
20	9.5	62	51	117	48	2370	77	140	31	18	19	33
21	8.9	29	51	63	48	985	74	68	30	25	19	38
22	9.7	24	75	54	52	394	72	53	30	17	18	20
23	9.4	21	50	49	53	255	71	48	33	14	17	13
24	10	19	44	46	49	180	115	41	28	14	17	13
25	10	46	41	44	125	199	294	39	26	19	16	15
26	10	27	39	43	145	156	125	39	26	24	16	14
27	10	22	39	42	84	132	95	37	25	20	15	15
28	10	21	212	40	75	120	80	36	50	15	16	13
29	9.4	20	232	40	---	304	74	59	363	13	17	12
30	9.1	20	83	171	---	281	70	43	82	18	17	11
31	9.3	---	62	70	---	189	---	38	---	23	19	---
TOTAL	376.7	1069.9	1973	1662	1609	18017	7565	1609	1704	866	566	627
MEAN	12.2	35.7	63.6	53.6	57.5	581	252	51.9	56.8	27.9	18.3	20.9
MAX	35	262	342	171	145	4210	2860	140	363	70	71	56
MIN	8.8	9.9	16	39	43	66	70	36	25	13	10	11
CFSM	.17	.50	.89	.75	.81	8.15	3.54	.73	.80	.39	.26	.29
IN.	.20	.56	1.03	.87	.84	9.40	3.95	.84	.89	.45	.30	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	MEAN	12.2	35.7	50.5	81.9	57.0	327	163	42.4	38.2	22.5	16.9	20.7
MAX	12.2	35.7	63.6	110	57.5	581	252	51.9	56.8	27.9	18.3	20.9	20.9
(WY)	2001	2001	2001	2000	2001	2001	2001	2001	2001	2001	2001	2001	2001
MIN	12.2	35.7	37.3	53.6	56.5	72.9	74.1	32.9	19.6	17.0	15.5	20.5	20.5
(WY)	2001	2001	2000	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 2000 - 2001		
ANNUAL TOTAL	16188.9			37644.6					
ANNUAL MEAN	44.2			103			103		
HIGHEST ANNUAL MEAN							103		
LOWEST ANNUAL MEAN							103		
HIGHEST DAILY MEAN	1090			4210			4210		
LOWEST DAILY MEAN	8.1			8.8			8.1		
ANNUAL SEVEN-DAY MINIMUM	9.2			9.2			9.2		
MAXIMUM PEAK FLOW				6000			6000		
MAXIMUM PEAK STAGE				7.88			7.88		
ANNUAL RUNOFF (CFSM)	.62			1.45			1.45		
ANNUAL RUNOFF (INCHES)	8.45			19.64			19.65		
10 PERCENT EXCEEDS	72			164			117		
50 PERCENT EXCEEDS	28			42			35		
90 PERCENT EXCEEDS	10			13			12		

MOBILE RIVER BASIN

02418500 TALLAPOOSA RIVER BELOW TALLASSEE, AL

LOCATION.--Lat 32°33'15", long 85°53'21", in SE¹/₄NW¹/₄ sec. 30, T. 18 N., R. 22 E., Tallapoosa County, Hydrologic Unit 03150110, on left bank, 1.5 mi downstream from Benjamin Fitzpatrick Highway bridge and Thurlow Dam at Tallassee, 3.5 mi upstream from Uphapee Creek, and at mile 48.1.

DRAINAGE AREA.--3,328 mi².

PERIOD OF RECORD.--July 1928 to current year.

REVISED RECORD.--WSP 2106: 1962. WDR AL-84-1: Drainage area.

GAGE.--Nonrecording gage since April 1975. Datum of gage is 164.01 ft above sea level (levels by Alabama Power Co.). July 1928 to March 1975 water-stage recorder.

REMARKS.--No estimated daily discharges. Records fair. Daily discharge computed on basis of powerplant records, flow over spillway, and measured leakage. Flow regulated by Harris Reservoir (station 02413950), Lake Martin (station 02417500), other hydroelectric plants, and small mill dams above station.

COOPERATION.--Records collected by Alabama Power Co., under general supervision of U.S. Geological Survey, in connection with a Federal Energy Regulatory Commission project.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1320	1950	1280	1420	4450	1390	5820	2140	7090	3160	4680	1480
2	1740	2000	1410	3820	1470	1980	6400	1850	17200	4130	4000	1480
3	1790	1920	1380	3750	3000	7670	7510	4430	14000	5470	3840	1480
4	1890	1310	1970	2430	1240	12300	34400	4210	12400	1500	1400	1480
5	1680	1310	1350	1860	2900	12100	36100	1300	10100	6890	4400	3000
6	1660	1900	1270	1280	2290	11800	14900	1300	6660	7020	5640	2730
7	1300	1760	1300	1280	1990	12100	12200	2720	5600	1330	1550	2780
8	1300	1650	1270	6060	3700	12100	11900	4010	4900	1490	2020	1560
9	1640	1260	1270	3060	2150	6870	11800	3960	5440	2680	2370	1340
10	1710	1300	1270	2790	4060	4930	11400	1510	6800	2900	2760	3750
11	1810	1310	1310	1390	1430	2920	7520	4280	6950	3340	1480	3720
12	1700	1310	1700	1250	8480	9050	6820	1350	7920	3200	1480	3120
13	1750	1310	1980	1390	4510	12100	5320	3440	7470	3150	2190	3490
14	1320	1300	1850	1390	4100	12000	1310	2970	6360	1340	3830	3460
15	1320	1230	1280	1390	3000	14200	3760	2550	5020	1340	4580	1680
16	1690	1280	1280	3460	1350	20100	5150	2940	2200	1340	4560	1460
17	1760	1670	1280	3890	1270	19400	5750	2950	1410	1880	3500	3050
18	1350	1320	2820	4310	1270	18600	5500	3150	4580	2290	1480	3990
19	1700	1320	1300	8760	2980	13700	5400	3900	4380	2620	1420	3690
20	1680	1330	3530	11900	1420	23400	6100	7590	2580	1530	2030	4150
21	1290	1240	2740	11700	1290	29900	1340	3070	4170	1470	1460	3970
22	1290	1380	5320	11700	1400	23600	1340	3120	2160	1320	2610	2120
23	1750	1260	2710	10200	1280	22100	1410	1660	1500	1840	3280	2760
24	1910	1430	1280	5190	1290	19700	1320	3760	1430	2290	2480	1480
25	2000	1260	1280	4880	4980	17700	4750	4380	1430	2520	1480	3070
26	1970	1280	1280	4800	3350	13000	5370	1400	1500	1340	1470	3260
27	1850	1300	2400	1290	1300	11600	5880	2310	1490	1410	2490	2740
28	1310	1300	5240	1290	1330	12700	1330	3250	3470	1400	2270	2740
29	1310	1280	6940	3350	---	11800	1330	3190	4300	1460	2560	1520
30	1890	1280	2840	9820	---	12500	2640	4320	7740	3380	2360	1520
31	1850	---	3670	8980	---	7580	---	5540	---	4760	1480	---
TOTAL	50530	42750	67800	140080	73280	410890	231770	98550	168250	81790	83150	78070
MEAN	1630	1425	2187	4519	2617	13250	7726	3179	5608	2638	2682	2602
MAX	2000	2000	6940	11900	8480	29900	36100	7590	17200	7020	5640	4150
MIN	1290	1230	1270	1250	1240	1390	1310	1300	1410	1320	1400	1340
CFSM	.49	.43	.66	1.36	.79	3.98	2.32	.96	1.69	.79	.81	.78
IN.	.56	.48	.76	1.57	.82	4.59	2.59	1.10	1.88	.91	.93	.87

MOBILE RIVER BASIN
02418500 TALLAPOOSA RIVER BELOW TALLASSEE, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

MEAN	3697	4355	5050	5149	6243	7101	6789	4706	3801	3363	3393	3439
MAX	9715	11030	14750	11030	18060	22970	22600	12010	13350	8384	9205	6459
(WY)	1976	1949	1933	1933	1990	1990	1979	1973	1989	1989	1984	1939
MIN	531	1425	704	853	1440	633	455	381	1336	814	924	924
(WY)	1933	2001	1932	1932	1970	1988	1934	1988	1985	1988	1988	1986

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1929 - 2001		
ANNUAL TOTAL	683226			1526910					
ANNUAL MEAN	1867			4183			4748		
HIGHEST ANNUAL MEAN							7808		
LOWEST ANNUAL MEAN							2015		
HIGHEST DAILY MEAN	11400			36100			125000		
LOWEST DAILY MEAN	530			1230			10		
ANNUAL SEVEN-DAY MINIMUM	701			1280			18		
MAXIMUM PEAK FLOW							* 128000		
MAXIMUM PEAK STAGE							51.35		
INSTANTANEOUS LOW FLOW							10		
ANNUAL RUNOFF (CFSM)	.56			1.26			1.43		
ANNUAL RUNOFF (INCHES)	7.64			17.07			19.38		
10 PERCENT EXCEEDS	2700			10700			9220		
50 PERCENT EXCEEDS	1510			2480			4080		
90 PERCENT EXCEEDS	1260			1300			395		

* Gage height, 50.4 ft., discharge computed on basis of powerplant and flow over spillway.

MOBILE RIVER BASIN

02419000 UPHAPEE CREEK NEAR TUSKEGEE, AL

LOCATION.--Lat 32°28'36", long 85°41'42", in NE¹/₄NE¹/₄ sec. 12, T. 17 N., R. 23 E., Macon County, Hydrologic Unit 03150110, on left bank at downstream side of bridge on State Highway 81, 1 mi upstream from Red Creek, 1.2 mi upstream from Western Railway of Alabama bridge, and 4 mi north of Tuskegee.

DRAINAGE AREA.--333 mi².

PERIOD OF RECORD.--October 1939 to September 1970, October 1970 to September 1974 (flood hydrograph only), October 1974 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 223.65 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Occasional diurnal fluctuation at low flows caused by small plant above station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1929 reached a stage of about 2 ft higher than that of Apr. 9, 1964, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	11	56	237	413	310	770	147	80	346	42	33
2	15	12	53	203	305	330	562	140	127	196	37	40
3	14	12	51	177	261	3800	768	130	123	148	30	53
4	12	11	49	166	240	13200	5560	123	107	126	28	41
5	10	11	47	158	222	9270	5400	116	139	155	28	39
6	22	14	47	148	209	2730	2400	114	142	153	37	39
7	19	92	45	141	197	1210	1150	106	131	130	41	34
8	29	109	45	194	192	734	782	102	152	97	43	30
9	20	309	47	214	185	570	626	100	138	84	48	27
10	15	246	46	172	239	508	538	97	126	74	49	26
11	13	112	48	152	260	432	469	100	117	72	55	23
12	13	67	46	161	218	788	405	113	119	65	46	27
13	13	52	44	166	206	1940	358	125	134	56	44	45
14	12	45	77	155	214	2480	325	109	120	50	53	39
15	12	40	105	143	209	4870	304	93	105	50	62	33
16	12	46	215	144	198	5510	306	86	112	49	50	27
17	12	66	370	163	221	2640	276	80	96	45	41	23
18	11	85	247	177	222	1130	241	74	83	40	37	20
19	13	134	160	260	189	868	219	94	77	38	33	21
20	10	221	142	775	179	6470	202	458	73	35	33	20
21	12	129	132	651	176	8220	188	372	69	34	31	20
22	11	88	169	384	203	3290	184	194	75	39	28	20
23	12	72	150	281	229	1570	174	157	75	35	24	23
24	12	68	120	241	205	905	218	132	72	31	24	19
25	11	97	106	217	323	809	473	111	64	39	23	18
26	12	118	99	195	555	729	381	97	58	47	22	18
27	13	87	102	186	412	553	246	90	56	51	21	18
28	11	70	384	177	334	465	201	84	81	56	21	20
29	12	61	838	176	---	855	170	90	774	46	21	20
30	13	57	707	550	---	1490	155	109	818	43	22	19
31	12	---	328	681	---	1420	---	86	---	40	24	---
TOTAL	423	2542	5075	7845	7016	80096	24051	4029	4443	2470	1098	835
MEAN	13.6	84.7	164	253	251	2584	802	130	148	79.7	35.4	27.8
MAX	29	309	838	775	555	13200	5560	458	818	346	62	53
MIN	10	11	44	141	176	310	155	74	56	31	21	18
CFSM	.04	.25	.49	.76	.75	7.76	2.41	.39	.44	.24	.11	.08
IN.	.05	.28	.57	.88	.78	8.95	2.69	.45	.50	.28	.12	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2001, BY WATER YEAR (WY)

	MEAN	109	223	436	638	867	1130	750	321	179	240	109	86.3
MAX	1284	2681	2042	1807	2369	3412	3951	1517	1435	2033	553	543	
(WY)	1976	1949	1954	1946	1961	1943	1964	1953	1989	1994	1975	1969	
MIN	4.92	11.2	31.6	58.9	177	241	127	38.8	16.0	10.0	7.33	1.67	
(WY)	1955	1955	1955	1956	2000	1955	1967	2000	2000	2000	1956	1954	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1940 - 2001

ANNUAL TOTAL	46731.7	139923	
ANNUAL MEAN	128	383	
HIGHEST ANNUAL MEAN			422
LOWEST ANNUAL MEAN			819
HIGHEST DAILY MEAN	2280	Mar 21	13200
LOWEST DAILY MEAN	6.5	Jul 20	10
ANNUAL SEVEN-DAY MINIMUM	7.7	Jul 16	11
MAXIMUM PEAK FLOW			15600
MAXIMUM PEAK STAGE			21.21
ANNUAL RUNOFF (CFSM)	.38		1.15
ANNUAL RUNOFF (INCHES)	5.22		15.63
10 PERCENT EXCEEDS	302		691
50 PERCENT EXCEEDS	45		105
90 PERCENT EXCEEDS	11		19
			24

MOBILE RIVER BASIN

02419500 TALLAPOOSA RIVER AT MILSTEAD, AL

LOCATION.--Lat 32°26'58", long 85°53'33", in SW¹/₄ sec. 18, T. 17 N., R. 22 E., Elmore County, Hydrologic Unit 03150110, at bridge on State Highway 229, 4.4 mi downstream from Uphapee Creek, 9.9 mi downstream of Thurlow Dam, at Milstead, and at river mile 39.8.

DRAINAGE AREA.--3,771 mi².

PERIOD OF RECORD.--October 1971 to September 1977, October 1980 to September 1983, October 1997 to current year (gage heights only). Daily discharges are published for water years 1898-1902. Data from 1902 through current year in files of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 153.84 ft above sea level.

REMARKS.--Records good. Daily gage heights are affected by operation of hydroelectric plants at Thurlow, Yates, and Martin Dams.

COOPERATION.--Remote telemetry provided by National Weather Service.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 42.4 ft, Apr. 1, 1977; minimum gage height, -1.3 ft, Oct. 30, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 36.84 ft, Apr. 5; minimum gage height, 2.13 ft, Oct. 22.

EXTREMES OUTSIDE PERIOD OF RECORD.--Significant flood events include 54.0 ft, Dec. 10, 1919; 50.9 ft, Mar. 15, 1929; 49.0 ft, Nov. 28, 1943; 48.5 ft, Nov. 29, 1948; 51.5 ft, Feb. 26, 1961; 47.8 ft, Apr. 8, 1964; 48.9 ft, Apr. 14, 1979; 44.75 ft, June 21, 1989; 49.85 ft, Mar. 17, 1990.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.31	3.10	2.49	3.74	8.07	3.17	8.97	4.53	7.43	7.73	6.14	2.50
2	2.58	2.96	2.79	5.19	3.87	3.53	9.33	3.96	17.15	6.74	5.50	2.51
3	3.02	3.41	2.78	5.77	4.75	12.94	9.35	5.60	14.38	7.08	5.26	2.54
4	2.92	2.52	3.45	5.08	2.99	25.83	29.25	6.28	13.43	4.21	3.17	2.55
5	3.13	2.27	2.76	3.54	4.53	28.77	35.36	3.95	12.77	6.87	4.54	4.11
6	2.97	2.72	2.39	2.69	4.30	21.06	24.37	3.06	8.17	9.18	8.08	4.15
7	2.37	3.03	2.46	2.66	3.60	16.47	16.47	4.09	6.75	4.39	2.81	4.16
8	2.30	3.38	2.33	6.78	5.26	14.71	14.73	5.89	8.52	2.92	3.25	3.10
9	2.63	3.16	2.32	5.99	3.78	11.36	14.07	5.99	6.87	3.90	3.80	2.50
10	2.72	2.98	2.32	5.08	5.36	7.48	13.81	3.59	9.17	4.34	4.18	4.57
11	3.02	2.70	2.35	3.87	3.73	6.32	9.86	5.11	7.62	5.03	2.99	4.97
12	2.83	2.47	2.54	3.19	8.19	---	10.07	4.04	10.28	5.07	2.63	4.50
13	2.99	2.42	3.76	2.68	7.54	---	8.24	4.78	9.00	4.87	3.37	4.77
14	2.54	2.37	3.03	2.64	6.16	15.95	5.19	4.97	8.73	3.14	5.12	5.00
15	2.29	2.32	2.75	2.62	5.16	20.17	4.88	4.76	6.65	2.65	5.63	3.27
16	2.68	2.34	2.83	4.51	3.23	24.79	7.83	4.79	5.10	2.63	6.23	2.48
17	2.91	2.98	3.08	5.49	2.86	23.09	7.99	4.63	3.15	3.18	5.52	3.80
18	2.91	2.50	4.79	6.21	2.89	20.29	8.42	5.04	5.31	3.70	3.11	5.08
19	2.86	2.70	2.79	9.69	4.73	16.92	7.67	4.34	6.06	3.85	2.58	4.72
20	2.81	2.85	5.07	13.63	2.78	24.38	8.32	11.37	4.73	2.85	3.13	5.57
21	2.45	2.75	6.54	13.75	2.73	33.29	4.49	5.64	5.53	2.91	2.67	5.49
22	2.25	2.72	7.57	13.35	2.81	30.02	3.47	5.45	4.81	2.56	3.57	3.98
23	2.66	2.42	5.34	12.97	2.87	25.53	3.51	4.65	3.03	3.11	4.43	3.95
24	2.94	2.58	2.69	7.80	2.82	22.42	3.56	5.37	2.78	3.80	4.30	2.87
25	3.27	2.53	2.58	7.30	5.27	18.76	6.79	6.16	2.72	4.06	2.60	3.62
26	3.22	2.53	2.54	7.25	8.02	16.27	8.43	3.77	2.69	2.88	2.45	5.07
27	3.15	2.56	3.51	3.54	3.63	13.47	8.05	3.81	2.66	2.55	3.32	3.65
28	2.49	2.51	6.61	2.79	3.28	14.20	4.51	3.99	4.38	2.56	3.48	4.49
29	2.29	2.40	10.00	4.13	---	13.97	3.40	6.06	6.94	2.52	3.87	2.86
30	2.81	2.38	6.87	10.31	---	15.19	4.14	5.79	10.06	4.38	3.75	2.47
31	3.10	---	6.08	11.87	---	12.77	---	6.96	---	5.74	2.68	---
MEAN	2.76	2.69	3.85	6.33	4.47	---	10.15	5.11	7.23	4.24	4.01	3.84
MAX	3.27	3.41	10.00	13.75	8.19	---	35.36	11.37	17.15	9.18	8.08	5.57
MIN	2.25	2.27	2.32	2.62	2.73	---	3.40	3.06	2.66	2.52	2.45	2.47

MOBILE RIVER BASIN

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL

LOCATION.--Lat 32°26'23", long 86°11'44", in SE¹/₄ sec. 19, T. 17 N., R. 19 E., Montgomery County, Hydrologic Unit 03150110, on left bank at the Clarence T. Perry (city of Montgomery) water purification plant, 2.5 mi above U.S. Highway 231 bridge, 4 mi northeast of Montgomery, and at river mile 12.8.

DRAINAGE AREA.--4,646 mi².

PERIOD OF RECORD.-- October 1995 to current year. October 1972 to September 1995 (gage heights only). August 1966 to December 1970 in files of Geological Survey. May to September 1972 in files of National Weather Service.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 129.13 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Daily discharges can be affected by backwater from the Coosa River. Flow is regulated by Harris Reservoir (station 02412950), Lake Martin (station 02417500), and other hydroelectric plants above station including Yates and Thurlow Dams. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 42.13 ft, Mar. 18, 1990; minimum gage height, 0.1 ft, Oct. 17, 1978.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 26, 1961, reached a stage of 41.9 ft from floodmarks.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1290	1830	1460	6890	11800	3440	11700	3820	5770	11300	4720	1600
2	1240	1910	1630	4180	6210	3510	10500	3380	13200	8850	4520	1620
3	1650	1960	1720	5100	3580	14200	9330	3050	16700	7880	4080	1620
4	1710	1960	1910	4910	3950	34200	28800	5260	13300	6690	3860	1610
5	1840	1320	2040	3430	3190	49200	48400	4960	13800	3640	1640	1660
6	1770	1290	1570	2540	3780	46000	50900	2400	8220	7940	7050	3030
7	1670	1900	1430	2010	3220	29700	33500	2260	7270	6880	3470	2860
8	1280	2040	1450	3140	3600	19900	21000	3810	6920	2460	2060	2870
9	1250	2340	1390	6660	3710	15700	16300	4770	6360	2110	2440	1750
10	1580	2310	1380	4230	3450	8310	15200	4410	7250	3250	2680	1550
11	1650	2280	1370	3530	4680	8330	11300	2340	7050	3320	3150	3680
12	1760	1740	1410	2770	3990	8230	10400	4810	8590	3840	1890	3800
13	1680	1510	1970	2100	8570	20100	9270	2370	8010	3670	1740	3170
14	1730	1430	2190	1910	5580	20900	7140	4180	7810	3560	3650	3560
15	1290	1370	2190	1850	4830	26100	4180	3800	6700	1820	4650	3510
16	1250	1380	2310	2070	3550	35100	6390	3500	5510	1720	4850	1770
17	1660	1570	2380	4130	2930	36600	7210	3620	3360	1700	4850	1470
18	1730	1880	3400	4790	2820	31600	8480	3630	2360	2230	3790	3010
19	1650	1790	3100	7140	3230	24900	7190	3770	4920	2460	1750	3820
20	1680	2040	2950	14900	3180	28200	7160	8830	5070	2660	1650	3660
21	1640	2060	4310	16600	2170	45800	6120	6220	3590	1910	2150	4090
22	1260	1840	6800	15800	2200	53500	3280	4850	4780	1700	1590	3980
23	1230	1730	5720	14700	2300	46700	3070	4490	3180	1620	2690	2230
24	1660	1550	3110	9970	2290	37600	3050	3410	2160	2110	3380	2820
25	1880	1830	1950	6950	3210	29200	5060	4560	2060	2810	2610	1590
26	1990	1690	1790	6150	11500	23100	8000	4920	1950	2850	1550	3100
27	1940	1710	1880	4920	7750	16100	6980	2290	1850	1690	1510	3010
28	1830	1630	4600	2380	4300	15700	5880	3020	2010	1630	2340	2870
29	1310	1590	11600	2470	---	15300	3030	4130	6130	1670	2350	2630
30	1280	1480	11600	7150	---	17500	2760	3660	10800	1630	2640	1500
31	1830	---	8570	13600	---	17500	---	5030	---	3710	2450	---
TOTAL	49210	52960	101180	188970	125570	782220	371580	125550	196680	111310	93750	79440
MEAN	1587	1765	3264	6096	4485	25230	12390	4050	6556	3591	3024	2648
MAX	1990	2340	11600	16600	11800	53500	50900	8830	16700	11300	7050	4090
MIN	1230	1290	1370	1850	2170	3440	2760	2260	1850	1620	1510	1470
CFSM	.34	.38	.70	1.31	.97	5.43	2.67	.87	1.41	.77	.65	.57
IN.	.39	.42	.81	1.51	1.01	6.26	2.98	1.01	1.57	.89	.75	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	MEAN	4461	4563	7117	9017	11620	15450	7399	3593	4578	3571	2791	2446
MAX	13100	10720	13940	14830	20630	25230	12390	5811	8156	6040	3592	3149	
(WY)	1996	1996	1998	1998	1996	2001	2001	1997	1997	1999	1997	1996	
MIN	1587	1765	3088	3979	2770	2897	2079	1543	1758	1792	1685	1736	
(WY)	2001	2001	2000	2000	2000	2000	1999	2000	2000	2000	2000	2000	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1996 - 2001

ANNUAL TOTAL	920000		2278420									
ANNUAL MEAN	2514		6242									
HIGHEST ANNUAL MEAN										6363		
LOWEST ANNUAL MEAN										9343		1996
HIGHEST DAILY MEAN	19500	Apr 6	53500	Mar 22	82000					2635		2000
LOWEST DAILY MEAN	1060	Jun 8	1230	Oct 2 3	256							
ANNUAL SEVEN-DAY MINIMUM	1210	Jun 6	1430	Dec 6	1210							
MAXIMUM PEAK FLOW			54600	Mar 22	90800							
MAXIMUM PEAK STAGE			29.10	Mar 22	34.59							
ANNUAL RUNOFF (CFSM)	.54		1.34		1.37							
ANNUAL RUNOFF (INCHES)	7.37		18.24		18.61							
10 PERCENT EXCEEDS	4060		14800		15400							
50 PERCENT EXCEEDS	1880		3250		3420							
90 PERCENT EXCEEDS	1280		1600		1580							

MOBILE RIVER BASIN

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.95	3.51	3.09	8.02	11.45	5.11	11.39	5.45	7.10	11.12	6.23	3.26
2	2.89	3.60	3.30	5.78	7.47	5.16	10.58	5.05	12.28	9.47	6.05	3.29
3	3.35	3.65	3.40	6.60	5.23	12.73	9.81	4.74	14.39	8.74	5.67	3.29
4	3.41	3.65	3.60	6.43	5.56	22.44	20.05	6.70	12.41	7.81	5.47	3.27
5	3.55	2.92	3.74	5.09	4.86	27.58	27.34	6.44	12.71	5.28	3.31	3.32
6	3.47	2.88	3.23	4.24	5.42	26.55	28.08	4.12	8.95	8.80	8.08	4.71
7	3.36	3.58	3.07	3.72	4.90	20.74	22.19	3.98	8.24	7.92	5.10	4.55
8	2.92	3.74	3.08	4.75	5.22	16.24	16.80	5.44	8.04	4.17	3.77	4.56
9	2.90	4.05	3.01	7.87	5.34	13.85	14.19	6.30	7.56	3.82	4.16	3.43
10	3.27	4.02	3.00	5.83	5.11	9.09	13.54	5.97	8.31	4.93	4.39	3.20
11	3.34	4.00	2.99	5.19	6.22	9.09	11.10	4.05	8.09	5.00	4.83	5.31
12	3.46	3.42	3.03	4.47	5.52	8.96	10.55	6.31	9.29	5.46	3.58	5.42
13	3.36	3.16	3.66	3.81	9.26	16.35	9.74	4.08	8.84	5.31	3.42	4.84
14	3.42	3.06	3.90	3.60	7.01	16.82	8.18	5.77	8.70	5.20	5.30	5.20
15	2.93	2.99	3.90	3.55	6.37	19.23	5.79	5.43	7.81	3.51	6.17	5.15
16	2.89	3.00	4.03	3.76	5.21	22.87	7.63	5.15	6.90	3.40	6.34	3.45
17	3.34	3.22	4.10	5.75	4.63	23.42	8.26	5.27	5.03	3.37	6.34	3.11
18	3.42	3.57	5.06	6.33	4.52	21.52	9.22	5.27	4.08	3.94	5.41	4.69
19	3.33	3.48	4.78	8.19	4.89	18.73	8.28	5.40	6.41	4.17	3.43	5.43
20	3.35	3.75	4.60	13.34	4.85	20.03	8.26	9.30	6.52	4.35	3.32	5.29
21	3.31	3.77	5.88	14.34	3.89	26.52	7.39	7.44	5.24	3.61	3.86	5.68
22	2.88	3.53	7.99	13.89	3.92	28.82	4.96	6.37	6.29	3.37	3.25	5.58
23	2.85	3.41	7.12	13.22	4.02	26.83	4.76	6.04	4.86	3.28	4.38	3.93
24	3.33	3.20	4.78	10.21	4.01	23.76	4.75	5.08	3.87	3.81	5.04	4.51
25	3.56	3.53	3.65	8.14	4.87	20.56	6.56	6.11	3.77	4.50	4.30	3.25
26	3.68	3.37	3.48	7.55	11.24	17.93	8.88	6.39	3.65	4.54	3.20	4.78
27	3.63	3.38	3.57	6.51	8.66	14.08	8.12	4.01	3.54	3.37	3.15	4.69
28	3.52	3.29	6.13	4.24	5.90	13.80	7.20	4.71	3.71	3.30	4.04	4.56
29	2.90	3.25	11.34	4.33	---	13.63	4.72	5.72	7.44	3.34	4.06	4.33
30	2.86	3.13	11.34	8.16	---	14.86	4.47	5.31	10.80	3.30	4.33	3.14
31	3.50	---	9.28	12.58	---	14.86	---	6.51	---	5.34	4.15	---
MEAN	3.26	3.44	4.75	7.08	5.91	17.81	10.76	5.61	7.49	5.08	4.65	4.31
MAX	3.68	4.05	11.34	14.34	11.45	28.82	28.08	9.30	14.39	11.12	8.08	5.68
MIN	2.85	2.88	2.99	3.55	3.89	5.11	4.47	3.98	3.54	3.28	3.15	3.11
CAL YR 2000		MEAN 4.15		MAX 16.15								
WTR YR 2001		MEAN 6.69		MAX 28.82		MIN 2.65						

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 32°25'20", long 86°15'18", in SW¹/₄ sec. 27, T. 17 N., R. 18 E., Montgomery County, Hydrologic Unit 03150201, on right bank of upstream side of eastbound bridge on North Boulevard, 1.5 mi east of Chisolm, and 2 mi north of Montgomery.
DRAINAGE AREA.--8.79 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.-- October 1998 to September 2001 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 210 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharge: Oct. 25-30, Nov. 2-5. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	2.1	3.1	3.6	3.4	3.6	2.8	3.1	11	4.0	2.8	21
2	2.0	e2.1	3.1	3.4	3.2	144	2.6	3.1	3.2	22	2.7	28
3	2.0	e2.2	3.1	3.2	3.1	311	142	3.1	17	28	2.7	9.0
4	2.1	e2.2	3.1	3.1	3.0	31	78	3.0	69	12	2.7	4.0
5	2.0	e2.2	3.1	3.1	3.0	8.3	9.8	3.0	7.5	4.2	2.7	3.9
6	36	13	3.3	3.0	3.0	6.6	6.7	3.0	6.3	3.2	68	3.5
7	2.8	43	3.2	14	2.9	5.7	5.8	2.9	4.7	3.0	47	3.4
8	2.3	55	3.2	16	2.9	5.1	5.4	2.9	6.8	2.8	13	3.5
9	2.3	79	4.5	3.1	4.8	5.7	5.3	2.9	6.9	2.7	6.7	3.4
10	2.3	3.6	3.1	2.9	30	4.9	5.0	3.1	5.2	2.7	4.1	3.4
11	2.3	2.7	2.9	3.5	2.9	4.5	4.7	3.6	4.5	2.9	19	4.1
12	2.3	2.5	3.1	3.7	2.6	121	4.5	3.0	5.7	4.1	4.2	5.9
13	2.3	2.6	8.3	2.8	5.6	10	4.5	2.9	3.1	2.7	3.3	3.4
14	2.2	2.5	28	2.7	2.8	14	4.4	2.9	6.6	2.7	187	3.3
15	2.2	2.4	20	2.7	2.4	138	9.7	2.8	7.0	2.7	5.9	3.4
16	2.2	40	11	4.8	24	6.8	4.0	2.8	3.9	2.6	5.1	3.4
17	2.2	8.2	5.1	5.1	9.3	5.0	3.8	2.8	2.4	2.6	5.1	3.4
18	2.1	17	3.1	8.0	2.7	4.3	3.7	2.7	2.3	2.8	4.7	3.3
19	2.1	66	11	86	2.4	68	3.7	33	7.1	2.8	4.5	3.2
20	2.1	4.6	2.9	11	2.4	195	3.5	72	6.3	50	4.4	3.2
21	2.1	3.0	27	4.1	9.0	8.7	3.4	3.7	3.7	11	4.3	3.2
22	2.2	2.8	6.4	3.3	6.1	5.2	3.3	6.6	23	3.1	4.2	3.2
23	2.2	2.8	3.0	3.5	2.5	4.1	3.3	3.4	5.5	2.9	4.2	3.1
24	2.2	55	2.9	3.1	2.3	4.0	3.4	3.0	3.3	2.7	4.5	5.8
25	e2.2	12	2.7	2.9	101	9.4	3.7	4.9	14	7.3	4.1	3.3
26	e2.2	4.0	2.6	2.9	6.5	3.3	3.3	3.0	7.6	3.5	4.0	3.2
27	e2.2	3.3	71	2.8	4.3	3.1	3.2	2.8	3.4	2.7	4.7	3.2
28	e2.1	3.2	119	2.8	8.5	3.1	3.2	2.9	11	6.0	4.3	3.2
29	e2.1	3.1	9.5	63	---	17	3.1	11	16	5.5	5.7	3.2
30	e2.1	3.1	4.7	38	---	3.6	3.1	2.7	6.6	3.1	5.0	3.2
31	2.1	---	3.9	4.3	---	3.0	---	5.3	---	2.9	12	---
TOTAL	101.5	445.2	380.9	316.4	256.6	1157.0	342.9	207.9	280.6	211.2	452.6	154.3
MEAN	3.27	14.8	12.3	10.2	9.16	37.3	11.4	6.71	9.35	6.81	14.6	5.14
MAX	36	79	119	86	101	311	142	72	69	50	187	28
MIN	2.0	2.1	2.6	2.7	2.3	3.0	2.6	2.7	2.3	2.6	2.7	3.1
CFSM	.37	1.69	1.40	1.16	1.04	4.25	1.30	.76	1.06	.78	1.66	.59
IN.	.43	1.88	1.61	1.34	1.09	4.90	1.45	.88	1.19	.89	1.92	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

MEAN	6.57	8.30	9.45	13.8	7.08	21.2	7.80	6.48	13.7	7.81	8.44	5.28
MAX	10.7	14.8	12.3	20.0	9.16	37.3	11.4	9.41	27.1	11.3	14.6	7.18
(WY)	1999	2001	2001	1999	2001	2001	2001	1999	1999	1999	2001	2000
MIN	3.27	4.07	6.88	10.2	6.05	11.2	4.35	3.31	4.56	5.29	4.26	3.52
(WY)	2001	1999	1999	2001	2000	2000	1999	2000	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1999 - 2001		
ANNUAL TOTAL	2775.8			4307.1			9.68		
ANNUAL MEAN	7.58			11.8			11.8		
HIGHEST ANNUAL MEAN							6.80		
LOWEST ANNUAL MEAN							2001		
HIGHEST DAILY MEAN	119	Dec 28		311	Mar 3		311	Mar 3	2001
LOWEST DAILY MEAN	1.5	Jul 23		2.0	Oct 1, 2, 3, 5		1.5	Jul 23-25	2000
ANNUAL SEVEN-DAY MINIMUM	2.0	Aug 12		2.1	Oct 27		2.0	Aug 12	2000
MAXIMUM PEAK FLOW				787	Aug 14		787	Aug 14	2001
MAXIMUM PEAK STAGE				12.81	Aug 14		12.81	Aug 14	2001
ANNUAL RUNOFF (CFSM)	.86			1.34			1.10		
ANNUAL RUNOFF (INCHES)	11.75			18.23			14.97		
10 PERCENT EXCEEDS	19			22			18		
50 PERCENT EXCEEDS	3.0			3.4			3.4		
90 PERCENT EXCEEDS	2.0			2.4			2.2		

e Estimated

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continue
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
OCT													
31...	1100	20.2	24.0	766	2.17	2.2	98	102	8.5	93	<.081	6.8	7.5
NOV													
16...	1855	13.2	10.0	760	5.30	293	50	55	9.5	91	.773	6.7	7.3
DEC													
18...	1055	7.6	3.0	765	2.17	2.5	126	127	9.6	80	E.064	7.0	7.3
JAN													
17...	1140	11.4	11.5	765	2.23	4.3	119	118	8.8	80	E1.97	7.0	6.9
FEB													
08...	1230	15.4	25.0	768	2.17	3.0	99	104	10.4	103	<.081	6.9	7.1
MAR													
02...	2005	19.5	21.5	754	11.94	726	65	78	7.7	85	<.081	7.9	7.5
APR													
02...	1130	15.9	17.0	765	2.17	2.6	124	125	11.2	113	--	7.0	7.3
JUN													
07...	1020	24.9	30.0	762	2.18	3.6	132	131	6.1	74	--	6.9	7.3
JUL													
12...	1040	26.3	31.5	760	2.13	2.4	136	134	6.5	81	.126	7.0	7.2
AUG													
02...	1140	25.8	29.5	767	2.12	2.8	114	111	6.4	78	--	6.9	6.7
SEP													
06...	0930	25.2	25.5	764	2.22	3.4	116	116	6.9	84	--	7.1	7.1

DATE	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)
OCT											
31...	.0	43	35	--	.73	--	--	--	<.040	.008	.535
NOV											
16...	.0	22	18	E24000	1.1	.43	.91	.22	.068	.012	.135
DEC											
18...	--	58	47	--	1.2	1.2	--	--	<.041	.006	.932
JAN											
17...	.0	51	42	470	--	.86	--	--	<.041	.014	.650
FEB											
08...	--	36	29	100	1.2	1.2	--	--	<.041	.011	.998
MAR											
02...	--	31	25	110000	2.4	.63	2.1	.34	.086	E.005	--
APR											
02...	--	46	37	--	1.3	1.3	--	--	<.041	.009	1.12
JUN											
07...	--	58	47	--	.93	.80	--	--	E.036	.011	.578
JUL											
12...	--	53	44	180	.56	.49	--	--	<.040	.009	.293
AUG											
02...	--	49	40	110	.57	.48	--	--	<.040	.012	.306
SEP											
06...	--	49	40	540	--	--	--	--	<.040	E.008	--

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL—Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L ASN) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)
OCT 31...	E.10	.18	.543	--	2.37	.026	--	--	.017	.006	<.020
NOV 16...	.29	.98	.147	.09	.598	.039	--	.230	.298	.093	.075
DEC 18...	.26	.23	.938	--	4.13	.020	--	--	.046	.022	E.015
JAN 17...	.19	<.08	.664	--	2.88	.046	.088	--	.057	.013	<.018
FEB 08...	.15	.17	1.01	--	4.42	.036	.041	--	.017	.011	<.018
MAR 02...	.42	2.2	.208	.11	--	--	1.9	.389	.655	.145	.127
APR 02...	.12	.17	1.13	--	4.97	.031	.045	--	.018	.007	<.018
JUN 07...	.21	.34	.589	--	2.56	.036	.068	--	.053	.016	<.020
JUL 12...	.18	.26	.302	--	1.30	.030	.061	--	.054	.016	<.020
AUG 02...	.16	.25	.318	--	1.35	.039	.089	--	.043	.017	<.020
SEP 06...	E.19	.31	E.623	--	--	--	.083	--	.062	E.020	<.020

DATE	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	HARD- NESS TOTAL (MG/L AS CaCO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CaCO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
OCT 31...	1.2	.5	--	36	0	11.2	1.84	4.2	.3	19	1.83
NOV 16...	6.6	>4.0	--	20	2	7.20	.510	.7	.1	6	1.39
DEC 18...	3.2	.3	--	49	2	16.7	1.79	3.6	.2	13	2.17
JAN 17...	4.6	--	1.6	46	5	16.2	1.43	3.4	.2	13	2.08
FEB 08...	1.6	--	.6	38	9	12.3	1.78	3.5	.2	16	1.68
MAR 02...	6.0	--	24	26	0	9.36	.637	.7	.1	5	1.87
APR 02...	1.6	--	.3	48	10	15.7	2.03	3.7	.2	14	1.78
JUN 07...	2.8	--	.5	52	4	17.4	2.08	3.5	.2	12	1.80
JUL 12...	3.2	--	.4	49	5	15.9	2.20	5.3	.3	18	1.68
AUG 02...	1.5	--	.5	43	2	13.6	2.10	3.9	.3	16	1.67
SEP 06...	3.1	--	.8	43	3	13.9	2.00	3.4	.2	14	1.92

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 31...	5.5	2.8	<.2	12.9	50	40.6	68	64	.40	.09
NOV 16...	.8	2.2	E.1	1.3	60	5.5	31	26	24.5	.04
DEC 18...	5.0	5.6	<.2	12.4	220	74.5	85	80	.57	.12
JAN 17...	3.8	6.9	<.2	6.4	60	49.2	77	68	.89	.10
FEB 08...	4.6	4.7	<.2	11.1	110	65.5	67	62	.54	.09
MAR 02...	1.0	2.3	E.1	1.8	100	11.9	49	34	96.0	.07
APR 02...	5.0	6.8	<.2	11.2	140	95.7	78	74	.55	.11
JUN 07...	<.1	4.6	E.1	13.5	230	154	84	--	--	--
JUL 12...	8.0	4.8	<.2	13.7	190	144	94	79	.61	.13
AUG 02...	5.4	3.7	<.2	14.3	310	105	75	70	.56	.10
SEP 06...	4.3	3.7	<.2	12.7	330	140	79	66	.73	.11

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)
NOV 16...	<.010	<.002	<.08	<.05	<.10	<.06	.668	E.013	<.07	E.02	<.006	<.018	<.003
DEC 18...	<.010	<.002	E.10	<.05	<.10	<.06	.731	E.004	E.11	E.02	E.010	<.018	<.003
JAN 17...	<.010	<.002	E.05	<.05	<.10	<.06	.292	<.015	<.07	<.06	<.010	<.018	<.003
FEB 08...	<.010	<.002	.08	<.05	<.10	<.06	.069	E.003	<.07	<.06	E.007	<.018	<.003
MAR 02...	<.010	<.002	<.08	<.05	<.10	<.06	1.06	.021	E.36	<.06	E.214	<.018	<.003
APR 02...	<.010	<.002	--	--	--	--	.013	<.015	--	--	E.008	<.018	<.003
JUN 07...	<.010	<.002	--	--	--	--	.021	.018	--	--	<.006	<.018	<.003
JUL 12...	<.010	<.002	E.09	<.01	<.01	<.03	E.007	.018	<.04	<.01	<.028	<.018	<.003
AUG 02...	<.010	<.002	--	--	--	--	<.011	.015	--	--	E.004	<.018	<.003
SEP 06...	<.010	<.002	--	--	--	--	E.010	E.010	--	--	E.004	<.018	<.003

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
NOV 16...	<.005	<.003	<.10	<.07	.14	<.06	<.08	<.06	<.093	<.02	<.05	E.02	<.02
DEC 18...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	E.01	<.093	E.01	<.05	<.06	<.02
JAN 17...	<.005	<.003	<.10	<.07	E.26	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
FEB 08...	E.001	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
MAR 02...	<.005	<.003	<.10	<.07	.63	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
APR 02...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
JUN 07...	.020	<.003	--	--	--	--	--	--	--	--	--	--	--
JUL 12...	<.005	<.003	.17	<.01	<.02	<.01	<.01	<.01	<.017	<.01	E.02	<.03	<.01
AUG 02...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
SEP 06...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--

DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
NOV 16...	.019	<.004	<.005	<.013	.665	<.007	.305	.046	.57	<.002	<.10	<.07	<.004
DEC 18...	E.005	<.004	<.020	<.013	E.007	<.007	.027	.107	.12	<.002	E.09	<.07	<.004
JAN 17...	E.009	<.004	<.005	E.005	.218	<.007	.046	.391	E.37	<.002	<.10	<.07	<.004
FEB 08...	.006	E.009	.018	E.004	<.027	<.007	<.005	.033	<.08	<.002	<.10	<.07	<.004
MAR 02...	.127	<.004	.009	E.004	.028	<.007	.337	4.83	.31	<.002	<.10	<.07	<.004
APR 02...	E.004	E.002	.013	E.001	<.027	<.007	.009	.042	--	<.002	--	--	<.004
JUN 07...	.014	.004	.015	E.007	.056	<.007	.064	.127	--	<.002	--	--	<.004
JUL 12...	.007	<.004	.012	E.003	.064	<.007	.021	E.004	E74.6	<.002	<.02	<.01	<.004
AUG 02...	.006	<.004	<.005	<.013	<.027	<.007	.019	E.004	--	<.002	--	--	<.004
SEP 06...	.007	<.004	.015	E.004	<.027	<.007	.022	.007	--	<.002	--	--	<.004

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DACTHAL MONO- ACID, WAT,FLT FLTRD, GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
NOV 16...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
DEC 18...	<.07	E.09	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
JAN 17...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	E1.84	<.06
FEB 08...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
MAR 02...	<.07	<.07	<.08	<.07	<.08	<.07	E.21	<.04	<.05	<.07	<.04	<.05	<.06
JUL 12...	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01	<.01	<.01	<.01	<.04	<.01
DATE	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDI- CARB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- URFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)
NOV 16...	<.06	E.01	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	.043	<.193
DEC 18...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	E.017	E.048
JAN 17...	<.06	E.03	<.06	<.08	<.16	<.03	E.01	<.072	<.061	<.022	<.037	<.039	E.101
FEB 08...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
MAR 02...	<.06	E.01	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	E.051	E.418
JUL 12...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.009	<.008
DATE	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	UREA 3 4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	IMID- RID WATER FLTRD REC (UG/L) (61695)
NOV 16...	E.498	<.057	<.065	<.088	<.064	.207	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
DEC 18...	E.094	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	E.2366
JAN 17...	E5.89	<.057	<.065	<.088	<.064	E.224	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
FEB 08...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
MAR 02...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
JUL 12...	<.016	<.020	<.013	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	METH- OMYL WATER FLTRD REC (UG/L) (61696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT GF, REC (UG/L) (82663)	PHORATE WATER FLTRD GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT GF, REC (UG/L) (82667)	EPTC WATER FLTRD GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD GF, REC (UG/L) (82669)	TEBU- THURON WATER FLTRD GF, REC (UG/L) (82670)
NOV 16...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.020	<.016
DEC 18...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.005	<.002	E.084
JAN 17...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	E.036	<.035	<.006	<.002	<.002	.049
FEB 08...	<.0102	<.1138	<.006	<.002	E.002	<.009	<.011	<.034	<.035	<.006	<.002	<.002	.077
MAR 02...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.010	<.002	E.009
APR 02...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	.060
JUN 07...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	.091
JUL 12...	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	.032
AUG 02...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	.055
SEP 06...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	E.061

DATE	MOL- INATE WATER FLTRD GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD GF, REC (UG/L) (82681)	DCPA WATER FLTRD GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT GF, REC (UG/L) (82683)
NOV 16...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.029	<.005	<.003	<.010
DEC 18...	<.005	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003	<.010
JAN 17...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.275	<.005	<.003	.018
FEB 08...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003	.012
MAR 02...	E.010	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.104	<.005	<.003	.365
APR 02...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003	.013
JUN 07...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.044	<.005	<.003	.015
JUL 12...	<.002	<.005	<.010	E.017	<.017	<.004	<.021	<.002	<.011	E.007	<.005	<.003	E.005
AUG 02...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003	<.010
SEP 06...	<.002	<.005	<.010	<.020	<.017	<.008	<.021	<.002	<.011	<.041	<.005	<.003	<.010

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
NOV 16...	<.007	<.023	<.050	<.006
DEC 18...	<.007	<.023	<.050	<.006
JAN 17...	<.007	<.023	<.050	<.006
FEB 08...	<.007	<.023	<.050	<.006
MAR 02...	<.007	<.023	<.050	<.006
APR 02...	<.007	<.023	<.050	<.006
JUN 07...	<.007	<.023	<.050	<.006
JUL 12...	<.007	<.023	<.050	<.006
AUG 02...	<.007	<.023	<.050	<.006
SEP 06...	<.007	<.023	<.050	<.006

VOLATILE ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	DI- BROMO- METHANE WHOLE RECOVER (UG/L) (30217)	BROMO- DI- CHLORO- METHANE TOTAL (UG/L) (32101)	CARBON TETRA- CHLO- RIDE TOTAL (UG/L) (32102)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L) (32103)	BROMO- FORM TOTAL (UG/L) (32104)	CHLORO- DI- METHANE TOTAL (UG/L) (32105)	CHLORO- FORM TOTAL (UG/L) (32106)	TOLUENE TOTAL (UG/L) (34010)	BENZENE TOTAL (UG/L) (34030)	ACRYLO- NITRILE TOTAL (UG/L) (34215)	CHLORO- BENZENE TOTAL (UG/L) (34301)	CHLORO- ETHANE TOTAL (UG/L) (34311)	ETHYL- BENZENE TOTAL (UG/L) (34371)
NOV 16...	<.05	<.05	<.06	<.1	<.06	<.2	E.02	.10	E.02	<1	<.03	<.1	<.03
DEC 18...	<.05	<.05	E.03	<.1	<.06	<.2	.21	.17	<.04	<1	<.03	<.1	<.03
JAN 17...	<.05	<.05	<.06	<.1	<.06	<.2	.15	E.10	<.04	<1	<.03	<.1	E.01
FEB 08...	<.05	<.05	<.06	<.1	<.06	<.2	.22	E.08	<.04	<1	<.03	<.1	<.03
MAR 02...	<.05	<.05	<.06	<.1	<.06	<.2	E.03	.16	E.01	<1	<.03	<.1	E.02
APR 02...	<.05	<.05	E.03	<.1	<.06	<.2	.18	E.09	<.04	<1	<.03	<.1	<.03
JUN 07...	<.05	<.05	E.04	<.1	<.06	<.2	.17	.17	<.04	<1	<.03	<.1	<.03
JUL 12...	<.05	<.05	E.03	<.1	<.06	<.2	.18	.29	<.04	<1	<.03	<.1	<.03

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

VOLATILE ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ETHANE HEXA- CHLORO- WATER RECOVER (UG/L) (34396)	METHYL- BROMIDE TOTAL (UG/L) (34413)	METHYL- CHLORIDE TOTAL (UG/L) (34418)	METHYL- CHLORIDE TOTAL (UG/L) (34423)	TETRA- ETHYLENE TOTAL (UG/L) (34475)	TRI- FLUORO- METHANE TOTAL (UG/L) (34488)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L) (34496)	1,1-DI- CHLORO- ETHYLENE TOTAL (UG/L) (34501)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L) (34506)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L) (34511)	ETHANE, 1,1,2,2- TETRA- CHLORO- WAT UNF REC (UG/L) (34516)	BENZENE O-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34536)	1,2-DI- CHLORO- PROPANE TOTAL (UG/L) (34541)
NOV 16...	<.2	<.3	M	<.2	M	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
DEC 18...	<.2	<.3	<.2	<.2	E.1	<.09	<.04	E.01	<.03	<.06	<.09	<.03	<.03
JAN 17...	<.2	<.3	<.2	<.2	E.1	<.09	<.04	<.04	E.01	<.06	<.09	<.03	<.03
FEB 08...	<.2	<.3	<.2	<.2	E.1	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
MAR 02...	<.2	<.3	<.2	E.1	M	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
APR 02...	<.2	<.3	<.2	<.2	E.1	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
JUN 07...	<.2	<.3	<.2	<.2	E.1	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
JUL 12...	<.2	<.3	<.2	<.2	E.1	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03

DATE	BENZENE TRANS- 1,2-DI- CHLORO- ETHYLENE TOTAL (UG/L) (34546)	BENZENE 1,2,4- TRI- CHLORO- WAT UNF REC (UG/L) (34551)	BENZENE 1,3-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34571)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L) (34668)	NAPHTH- ALENE TOTAL (UG/L) (34696)	TRANS- 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34699)	CIS- 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34704)	VINYL CHLORIDE TOTAL (UG/L) (39175)	TRI- CHLORO- ETHYLENE TOTAL (UG/L) (39180)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	METHYL ACRY- LATE WATER UNFLTRD RECOVER (UG/L) (49991)	1234- TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)
NOV 16...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1	<.2
DEC 18...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1	<.2
JAN 17...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1	<.2
FEB 08...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1	<.2
MAR 02...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1	<.2
APR 02...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1	<.2
JUN 07...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1	<.2
JUL 12...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1	<.2

DATE	ISO- DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	BROMO- ETHYLENE WATER UNFLTRD RECOVER (UG/L) (50002)	ETHER TERT- BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT- PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	2BUTENE TRANS-1 4-DI- CHLORO UNFLTRD RECOVER (UG/L) (73547)	METHAC- RYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	CARBON DI- SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CIS-1,2- DI- CHLORO- ETHYLENE WATER TOTAL (UG/L) (77093)	2-HEXA- NONE WATER WHOLE TOTAL (UG/L) (77103)	STYRENE TOTAL (UG/L) (77128)	O- XYLENE WATER WHOLE TOTAL (UG/L) (77135)	1,1-DI- CHLORO- PROPENE, WAT, WH TOTAL (UG/L) (77168)
NOV 16...	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	E.02	<.03
DEC 18...	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	<.04	<.03
JAN 17...	<.2	<.1	<.05	<.1	<.7	<.2	<.07	E.01	<.7	E.01	<.04	<.03
FEB 08...	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	<.04	<.03
MAR 02...	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	<.04	<.03
APR 02...	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	<.04	<.03
JUN 07...	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	<.04	<.03
JUL 12...	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	<.04	<.03

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

VOLATILE ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	2,2-DI CHLORO- PRO- PANE WAT, WH TOTAL (UG/L) (77170)	1,3-DI- CHLORO- PROPANE WAT, WH TOTAL (UG/L) (77173)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL WATER UNFLTRD RECOVER (UG/L) (77222)	ISO- BENZENE PROPYL- WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	O- CHLORO- TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	METHANE BROMO- CHLORO- WAT UNFLTRD REC (UG/L) (77297)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)
NOV 16...	<.05	<.1	E.02	<.1	E.05	<.03	<.04	<.04	<.03	<.06	<.04	<.2
DEC 18...	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04	<.2
JAN 17...	<.05	<.1	<.06	<.1	E.01	<.03	<.04	<.04	<.03	<.06	<.04	<.2
FEB 08...	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04	<.2
MAR 02...	<.05	<.1	<.06	<.1	E.08	<.03	E.01	<.04	E.07	<.06	<.04	<.2
APR 02...	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04	<.2
JUN 07...	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04	<.2
JUL 12...	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04	<.2

DATE	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	P-ISO- PROPYL- TOLUENE WATER WHOLE REC (UG/L) (77356)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	123-TRI CHLORO- PROPANE WATER WHOLE TOTAL (UG/L) (77443)	ETHANE, 1112- TETRA- CHLORO- WAT UNF REC (UG/L) (77562)	1,2,3- TRI- CHLORO BENZENE WAT, WH REC (UG/L) (77613)	1,2- DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	FREON- 113 WATER UNFLTRD REC (UG/L) (77652)	METHYL TERT- BUTYL ETHER WAT UNF REC (UG/L) (78032)	PROPENE 3- CHLORO- WATER UNFLTRD RECOVER (UG/L) (78109)	METHYL ISO- BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)
NOV 16...	<.03	<.06	E.02	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1	E.4
DEC 18...	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1	<.4
JAN 17...	<.03	<.06	E.01	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1	E.5
FEB 08...	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1	<.4
MAR 02...	<.03	<.06	E.01	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1	<.4
APR 02...	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	M	<.1	<.4
JUN 07...	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1	<.4
JUL 12...	<.03	<.06	E.02	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1	<.4

DATE	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	BROMO- BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	DI-ISO- PROPYL- ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	METH- ACRYLO- NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHYL- KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHAC- RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	FURAN, TETRA- HYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	DIBROMO CHLORO- PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	META/ PARA- XYLENE WATER UNFLTRD REC (UG/L) (85795)
NOV 16...	9	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	E.05
DEC 18...	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
JAN 17...	E5	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
FEB 08...	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
MAR 02...	E4	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	E.06
APR 02...	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
JUN 07...	E1	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
JUL 12...	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 31...	1100	2.2	3	.02	92
NOV 16...	1855	293	542	429	26
DEC 18...	1055	2.5	4	.03	93
JAN 17...	1140	4.3	14	.16	97
FEB 08...	1230	3.0	4	.03	90
MAR 02...	2005	726	513	1010	68
APR 02...	1130	2.6	3	.02	67
JUN 07...	1020	3.6	5	.05	94
JUL 12...	1040	2.4	5	.03	81
AUG 02...	1140	2.8	7	.05	96
SEP 06...	0930	3.4	9	.08	95

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02419988 (NW 01-5550-06) ALABAMA RIVER AT MONTGOMERY, AL

LOCATION.--Lat 32°23'31", long 86°19'04", in SE¹/₄NE¹/₄SW¹/₄ sec. 1, T. 16 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, on left bank of river in an abandoned pumping station of the Riverview Manufacturing at 715 Shady St., in Montgomery, 9.3 mi upstream from U.S. Highway 31 bridge, and at mile 296.9.

DRAINAGE AREA.--15,023 mi².

PERIOD OF RECORD.--December 1890 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. 1900 to December 1971 in reports of National Weather Service.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 103.30 ft above sea level. Prior to July 1, 1970, located 0.4 mi downstream on left bank at foot of Commerce Street at same datum.

REMARKS.--Flow affected by operation of reservoirs on Etowah, Coosa, and Tallapoosa Rivers. (See reservoirs in Mobile River basin.) Stage regulated by Jones Bluff Lock and Dam since January 1972.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 58.1 ft, Feb. 26, 1961, from floodmarks; minimum gage height, -4.0 ft, Sept. 22, 1925.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 38.00 ft, Mar. 22; minimum gage height, 19.14 ft, Sept. 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.09	20.53	21.78	22.17	23.65	24.22	24.39	21.97	21.92	22.73	22.36	22.17
2	21.11	20.74	21.89	22.09	22.30	23.48	23.06	21.83	23.49	22.73	22.04	22.17
3	21.33	20.85	21.90	21.86	21.75	25.76	22.16	21.66	24.21	22.52	21.94	22.20
4	21.19	20.97	22.14	21.80	21.94	29.55	30.76	21.73	24.91	22.29	22.11	22.49
5	21.09	20.89	21.81	21.63	22.15	32.98	36.01	21.63	24.71	22.27	22.31	22.15
6	20.97	20.88	21.97	21.31	21.40	33.30	36.36	22.26	23.81	22.53	22.46	21.44
7	20.81	20.83	22.14	20.94	21.04	30.60	34.21	22.12	22.91	22.51	21.24	22.20
8	20.74	21.35	22.13	21.78	21.50	26.86	29.44	21.80	22.67	22.02	21.15	20.79
9	20.59	22.37	21.38	22.31	22.27	25.10	25.08	21.86	22.63	21.65	21.76	19.78
10	20.70	21.94	21.16	21.84	22.16	22.53	24.64	21.95	22.45	21.77	22.20	20.78
11	20.71	22.04	21.30	21.42	21.76	21.82	24.41	22.02	22.04	22.00	21.91	21.77
12	20.92	21.93	21.32	21.71	22.23	23.44	23.71	22.09	21.70	22.12	21.28	21.45
13	21.10	21.93	21.31	21.52	22.38	28.20	22.92	22.08	22.19	22.23	21.64	21.56
14	21.45	22.11	21.92	21.81	22.69	28.68	21.99	22.10	22.32	21.89	22.38	21.44
15	21.31	21.82	21.83	22.14	22.60	31.12	22.05	22.13	22.20	21.81	22.15	21.76
16	21.11	21.84	21.50	22.03	22.64	34.18	22.95	21.89	22.13	21.57	22.39	21.94
17	21.12	22.19	21.99	21.48	24.42	33.48	22.17	21.63	22.22	21.38	22.35	21.87
18	21.19	21.94	22.29	21.77	24.03	31.54	22.61	21.86	21.78	21.51	22.08	21.61
19	21.05	22.18	21.99	23.59	22.69	28.78	22.93	22.09	21.41	21.59	21.85	21.93
20	21.10	22.57	21.26	25.71	22.07	30.74	22.27	23.20	21.73	21.55	21.89	22.12
21	21.20	21.87	21.55	26.04	22.24	36.10	22.47	21.64	22.13	21.74	21.58	21.87
22	21.09	22.19	22.20	25.31	22.40	37.82	21.97	21.84	22.31	22.06	21.21	22.15
23	20.89	21.83	22.03	25.79	22.81	37.44	21.85	22.25	22.20	21.98	21.49	22.08
24	20.97	21.81	21.48	24.86	22.26	35.76	21.40	22.15	21.93	22.04	21.88	22.08
25	21.01	21.84	21.05	23.84	23.64	34.12	21.51	22.18	21.80	21.88	21.71	22.04
26	20.99	21.70	20.71	22.47	26.03	31.24	21.93	22.07	22.15	22.04	21.94	21.59
27	21.00	21.26	21.28	21.74	25.38	28.03	22.10	22.22	22.04	22.12	22.07	21.40
28	20.87	21.79	22.31	21.43	24.18	26.52	22.12	22.08	21.60	21.52	21.92	21.43
29	20.72	21.83	23.10	21.34	---	25.65	22.26	22.60	21.95	21.83	21.86	21.47
30	20.69	21.45	22.56	23.82	---	24.98	22.06	22.03	22.44	21.78	21.66	21.64
31	20.77	---	21.88	24.29	---	25.20	---	21.75	---	21.90	21.54	---
MEAN	21.00	21.65	21.78	22.64	22.74	29.33	24.46	22.02	22.47	21.99	21.88	21.71
MAX	21.45	22.57	23.10	26.04	26.03	37.82	36.36	23.20	24.91	22.73	22.46	22.49
MIN	20.59	20.53	20.71	20.94	21.04	21.82	21.40	21.63	21.41	21.38	21.15	19.78

WTR YR 2001 MEAN 22.81 MAX 37.82 MIN 19.78

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02420000 ALABAMA RIVER NEAR MONTGOMERY, AL

LOCATION.--Lat 32°24'41", long 86°24'30", in SW¹/₄NW¹/₄ sec. 31, T. 17 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, on pier near midstream of bridge on U.S. Highway 31, 4 mi upstream from Autauga Creek, 6 mi northwest of Montgomery, and at mile 287.6.

DRAINAGE AREA.--15,087 mi².

WATER-STAGE RECORDS

PERIOD OF RECORD.--January 1899 to December 1904, October 1999 to September 2001 (gage heights only). October 1927 to September 1990. October 1990 to current year (flood hydrograph). Published as "at Montgomery" 1899-1903.

REVISED RECORDS.--WSP 1142: 1929. WDR AL-80-1: 1978. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 97.90 ft above sea level. January 1899 to December 1903, nonrecording gage at site 9.3 mi upstream at different datum (station 02419988). Auxiliary gage located 3.0 mi downstream on right bank for period Feb. 18, 1970 to Sept. 30, 1991. Mar. 27, 1951 to Feb. 17, 1970 National Weather Service nonrecording gage (station 02419988) used as auxiliary gage.

REMARKS.--Water-discharge records fair. Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers. (See Reservoirs in Mobile River basin.) Since January 1972, gage in pool of Robert F. Henry Lock and Dam.

AVERAGE DISCHARGE.--63 years (water years 1928-90), 23,890 ft³/s, 21.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 283,000 ft³/s, Feb. 26, 1961, maximum gage height, 60.65 ft, Feb. 27, 1961; minimum discharge prior to 1972, 2,180 ft³/s, Nov. 24, 1941, since 1972 negative flows for part of many days; minimum daily discharge (regulated), 255 ft³/s, June 8, 1975, minimum gage height, -2.2 ft, Sept. 26, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1833, 62.7 ft, Apr. 1, 1886, from floodmarks, discharge 322,000 ft³/s, from rating curve extended above 276,000 ft³/s. Flood of Mar. 30, 1888, reached a stage of 60.6 ft, from floodmarks, discharge, 283,000 ft³/s, from rating curve extended above 276,000 ft³/s. Elevations of floodmarks of both floods referred to National Weather Service gage 9.3 mi upstream and transferred to present site by gage height relation curve.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 40.09 ft, Mar. 22; minimum gage height, 24.62 ft, Sept. 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.37	26.52	27.39	26.56	27.13	27.15	27.58	27.03	27.71	27.02	26.87	27.05
2	27.32	27.58	27.67	26.48	27.56	27.65	28.32	27.01	27.60	27.00	26.68	27.19
3	27.25	27.73	27.46	26.68	27.52	27.50	29.94	27.15	27.47	27.00	26.76	26.85
4	27.31	27.39	27.61	27.21	27.59	27.50	33.87	27.41	27.47	27.03	26.77	26.85
5	27.61	27.43	27.47	27.69	27.48	27.57	35.52	27.61	27.47	27.07	26.65	26.81
6	27.47	27.27	27.50	27.35	27.34	27.68	35.43	27.41	27.19	27.05	26.43	26.92
7	27.60	27.21	27.77	27.15	27.24	27.44	34.08	27.29	27.05	27.06	26.32	26.99
8	27.55	27.16	27.57	27.04	27.34	27.37	33.47	27.42	27.04	26.78	26.36	26.93
9	27.34	27.03	27.10	27.45	27.41	27.22	31.60	27.64	26.84	25.96	26.59	26.68
10	27.77	27.40	27.14	28.43	27.30	27.45	30.20	26.77	26.62	25.95	26.79	26.49
11	27.58	27.63	27.55	28.29	27.09	28.08	29.70	26.71	26.52	26.31	27.39	26.50
12	27.67	27.43	27.55	27.63	27.42	27.61	29.38	27.13	26.57	26.68	27.59	26.37
13	27.58	27.38	27.63	27.65	27.54	27.56	28.48	27.33	26.64	26.96	27.31	26.25
14	27.32	27.06	27.27	27.60	27.28	27.50	27.43	27.35	26.80	27.18	26.86	26.42
15	27.48	27.15	27.29	27.27	27.57	27.36	27.31	27.44	26.89	27.06	26.80	26.58
16	27.51	27.08	27.37	27.15	27.76	27.64	26.86	27.53	27.01	26.77	26.92	26.62
17	27.23	27.24	27.26	27.50	27.61	27.34	27.24	27.35	27.26	26.57	27.29	26.53
18	27.22	27.56	26.84	27.38	27.34	27.30	26.91	27.38	27.37	26.53	27.08	26.44
19	27.01	27.32	27.42	27.46	27.19	28.16	26.58	27.39	27.18	26.69	26.92	26.37
20	27.33	27.47	27.55	27.40	27.27	29.73	26.80	27.61	27.03	26.77	26.73	26.44
21	27.57	27.65	27.33	27.44	27.07	29.83	26.97	27.80	26.65	26.75	26.63	26.38
22	27.68	27.46	27.75	27.00	27.55	29.64	27.30	27.41	26.60	26.62	26.63	26.54
23	27.38	27.41	27.57	28.02	26.95	29.25	27.31	27.34	26.63	26.56	26.74	26.45
24	27.35	27.45	27.26	27.96	26.68	28.92	27.22	27.41	26.62	26.45	26.84	26.37
25	27.57	27.65	26.90	28.04	26.96	27.94	26.80	27.48	26.57	26.29	26.98	26.23
26	27.71	27.53	27.18	27.17	26.92	27.78	26.84	27.37	26.60	26.06	26.99	26.08
27	27.53	27.23	27.13	27.60	27.33	27.45	26.90	27.14	26.44	26.37	26.90	26.27
28	26.97	27.22	27.54	27.82	27.63	27.71	27.05	27.61	26.51	26.58	26.78	26.53
29	25.81	27.34	27.39	27.07	27.41	27.66	27.25	27.62	26.73	26.74	26.72	26.68
30	26.57	27.49	27.09	27.41	---	27.35	27.10	27.59	26.98	26.71	26.70	26.78
31	26.55	---	26.77	27.28	---	27.27	---	27.67	---	26.71	26.56	---
MEAN	27.33	27.35	27.37	27.43	27.33	27.86	28.91	27.37	26.94	26.69	26.83	26.59
MAX	27.77	27.73	27.77	28.43	27.76	29.83	35.52	27.80	27.71	27.18	27.59	27.19
MIN	25.81	26.52	26.77	26.48	26.68	27.15	26.58	26.71	26.44	25.95	26.32	26.08

WTR YR 2000 MEAN 27.33 MAX 35.52 MIN 25.81

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02420000 ALABAMA RIVER NEAR MONTGOMERY, AL--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.69	26.05	27.27	27.59	28.50	28.92	29.03	27.48	27.08	28.08	27.73	27.72
2	26.71	26.27	27.39	27.45	27.53	28.37	27.91	27.34	28.24	28.05	27.39	27.65
3	26.88	26.41	27.41	27.23	27.07	30.66	27.51	27.18	28.99	27.79	27.31	27.54
4	26.74	26.50	27.56	27.24	27.39	34.05	34.20	27.24	29.41	27.72	27.67	27.51
5	26.59	26.44	27.21	27.11	27.48	36.86	38.09	27.14	29.21	27.57	27.86	27.10
6	26.51	26.40	27.46	26.82	26.75	36.31	38.56	27.80	---	27.69	27.75	26.53
7	26.37	26.36	27.60	26.42	26.50	33.67	36.80	27.63	---	27.94	26.67	27.47
8	26.31	26.90	27.58	27.22	27.02	30.71	32.88	27.30	---	27.53	26.65	26.21
9	26.16	27.83	26.86	27.72	27.68	29.47	29.55	27.35	---	26.97	27.28	25.39
10	26.24	27.45	26.68	27.18	27.58	27.66	29.28	27.46	---	26.93	27.67	26.33
11	26.27	27.54	26.75	26.86	27.16	27.30	29.11	27.52	---	27.27	27.42	27.25
12	26.50	27.48	26.71	27.17	27.52	28.79	28.50	27.58	---	27.55	26.87	26.87
13	26.65	27.44	26.78	27.04	27.44	32.19	27.94	27.60	---	27.62	27.16	26.96
14	27.02	27.58	27.41	27.34	27.99	32.23	27.41	27.61	---	27.48	27.83	26.92
15	26.87	27.30	27.29	27.61	27.70	34.44	27.46	27.63	27.59	27.39	27.50	27.32
16	26.67	27.34	26.98	27.43	27.84	36.67	28.10	27.39	27.62	27.10	27.72	27.49
17	26.70	27.62	27.51	26.88	29.23	36.06	27.24	27.16	27.77	26.92	27.74	27.36
18	26.75	27.42	27.64	27.22	28.66	34.27	27.82	27.39	27.27	27.06	27.63	27.10
19	26.62	27.72	27.31	28.76	27.57	32.07	28.11	27.63	26.92	27.07	27.42	27.41
20	26.67	27.89	26.62	29.99	27.04	34.42	27.50	28.43	27.24	27.11	27.40	27.55
21	26.77	27.23	26.99	30.13	27.41	38.51	27.95	27.05	27.56	27.34	27.10	27.34
22	26.66	27.64	27.55	29.56	27.56	39.90	27.44	27.34	27.73	27.63	26.73	27.66
23	26.43	27.29	27.44	30.06	28.07	39.36	27.27	27.72	27.70	27.48	26.98	27.63
24	26.50	27.28	26.89	29.27	27.48	37.79	26.82	27.67	27.49	27.56	27.38	27.60
25	26.55	27.38	26.55	28.63	28.81	36.40	27.00	27.67	27.29	27.41	27.27	27.55
26	26.54	27.09	26.16	27.58	30.34	34.07	27.42	27.54	27.60	27.50	27.50	27.11
27	26.48	26.69	26.81	27.15	29.67	31.61	27.55	27.73	27.50	27.55	27.57	26.92
28	26.41	27.23	27.84	26.84	28.89	30.49	27.64	27.56	26.99	27.07	27.44	26.95
29	26.27	27.17	28.33	26.80	---	29.94	27.78	27.83	27.16	27.42	27.36	27.03
30	26.21	26.88	27.81	29.02	---	29.53	27.59	27.24	27.73	27.24	27.14	27.18
31	26.27	---	27.38	28.98	---	29.60	---	26.88	---	27.34	27.02	---
MEAN	26.55	27.13	27.22	27.82	27.85	32.98	29.25	27.49	---	27.43	27.36	27.16
MAX	27.02	27.89	28.33	30.13	30.34	39.90	38.56	28.43	---	28.08	27.86	27.72
MIN	26.16	26.05	26.16	26.42	26.50	27.30	26.82	26.88	---	26.92	26.65	25.39
CAL YR 2000	MEAN 27.23		MAX 35.52		MIN 25.95							

MOBILE RIVER BASIN
MOBILE RIVER MAIN STEM
02420000 ALABAMA RIVER NEAR MONTGOMERY, AL--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1969 to September 1973, September 1974 to September 1998, October 2000 to September 2001.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1975 to September 1981.

WATER TEMPERATURE: July 1975 to September 1981.

REMARKS.--Miscellaneous samples of chemical data published for water years 1968-69.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 176 microSiemens, Sept. 30, 1977; minimum recorded, 46 microSiemens, Apr. 3, 1977.

WATER TEMPERATURE: Maximum recorded, 31.5°C, Aug. 12-14, 1977; minimum recorded, 2.5°C, Jan. 20-21, Feb. 3, 1977.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
APR						
04...	1600	16.0	95000	96	24600	72
04...	1620	32.0	95000	87	22300	76
04...	1635	48.0	95000	90	23100	69
04...	1645	64.0	95000	104	26700	60
04...	1700	80.0	95000	112	28700	58
05...	1010	16.0	113000	68	20700	78
05...	1025	32.0	113000	66	20100	79
05...	1035	48.0	113000	93	28400	66
05...	1050	64.0	113000	83	25300	66
05...	1105	80.0	113000	99	30200	58
06...	0945	16.0	117000	53	16700	80
06...	1000	32.0	117000	50	15800	83
06...	1015	48.0	117000	59	18600	70
06...	1030	64.0	117000	68	21500	69
06...	1050	80.0	117000	76	24000	58
09...	0935	20.0	43000	49	5690	96
09...	0945	40.0	43000	40	4640	96
09...	1000	60.0	43000	42	4880	95
09...	1015	80.0	43000	40	4640	95

MOBILE RIVER BASIN

02421000 CATOMA CREEK NEAR MONTGOMERY, AL

LOCATION.--Lat 32°18'26", long 86°17'58", in SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6, T. 15 N., R. 18 E., Montgomery County, Hydrologic Unit 03150201, on right bank on downstream side of bridge on old U.S. Highway 331, 5 mi south of Montgomery, and at mile 16.1.

DRAINAGE AREA.--290 mi².

PERIOD OF RECORD.--June 1952 to September 1971, October 1971 to September 1974 (flood hydrograph only), October 1974 to current year.

REVISED RECORDS.--WSP 2106: 1966. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 151.02 ft above sea level.

REMARKS.--Estimated daily discharges: Apr. 19-24, May 2-14. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 28, 1948, reached a stage of 27.5 ft at present site and datum; discharge, 38,300 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.62	1.6	11	909	1090	473	858	39	29	962	9.7	45
2	.60	1.8	7.9	208	462	1190	301	e34	32	665	19	233
3	.51	2.2	5.2	135	193	5090	426	e30	19	467	12	103
4	.37	3.1	3.9	110	139	21200	3010	e27	104	252	6.0	56
5	.25	3.5	2.8	94	114	18100	3900	e25	83	206	3.4	40
6	41	17	2.6	82	98	6090	4120	e23	81	104	173	69
7	14	87	2.3	76	88	1860	2040	e21	43	138	264	49
8	1.4	63	2.1	132	78	456	455	e18	45	128	407	29
9	.60	206	3.2	82	75	309	269	e16	76	63	434	24
10	.40	43	4.3	74	192	246	211	e14	168	62	144	22
11	.48	41	2.4	67	225	207	181	e30	134	48	122	19
12	.60	69	2.1	67	196	1010	158	e24	125	37	115	30
13	.49	30	7.9	60	140	2660	140	e18	213	56	114	23
14	.54	18	151	58	120	2220	127	e14	142	48	325	19
15	.63	7.3	82	55	122	3630	133	11	373	26	116	16
16	.55	70	486	58	126	4590	102	8.5	365	17	61	11
17	.60	86	283	76	161	4360	94	7.4	160	12	143	6.9
18	.60	39	158	138	119	1800	79	6.3	92	9.2	139	4.2
19	.63	198	140	560	107	596	e68	32	55	7.2	93	3.1
20	.75	71	77	2080	91	4360	e60	527	152	37	65	4.8
21	.60	87	100	1580	87	9380	e53	286	96	167	48	6.6
22	.65	74	124	1010	199	7200	e47	112	66	75	37	2.3
23	.67	38	100	329	275	2630	e43	58	75	32	30	1.4
24	.75	99	107	181	195	564	e39	44	83	21	26	20
25	.75	124	71	136	1170	394	99	38	54	20	21	15
26	.82	46	48	111	2860	362	146	24	44	12	16	4.5
27	.86	71	313	95	2940	279	101	17	24	6.8	13	3.0
28	.92	52	1870	83	1650	210	69	12	20	23	10	2.9
29	1.1	31	2550	137	---	228	54	28	513	46	11	3.0
30	1.2	18	1930	1310	---	519	43	18	1200	19	21	2.6
31	1.6	---	2130	1470	---	979	---	17	---	17	25	---
TOTAL	75.54	1697.5	10777.7	11563	13312	103192	17426	1579.2	4666	3783.2	3023.1	868.3
MEAN	2.44	56.6	348	373	475	3329	581	50.9	156	122	97.5	28.9
MAX	41	206	2550	2080	2940	21200	4120	527	1200	962	434	233
MIN	.25	1.6	2.1	55	75	207	39	6.3	19	6.8	3.4	1.4
CFSM	.01	.20	1.20	1.29	1.64	11.5	2.00	.18	.54	.42	.34	.10
IN.	.01	.22	1.38	1.48	1.71	13.24	2.24	.20	.60	.49	.39	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2001, BY WATER YEAR (WY)

	MEAN	82.9	141	400	593	919	1021	551	227	153	136	71.6	113
	MAX	867	1007	1643	1435	4094	3329	2665	1505	2417	1710	566	958
	(WY)	1976	1993	1954	1990	1961	2001	1964	1978	1989	1994	1984	1975
	MIN	.000	.000	.33	.95	90.1	31.3	19.4	6.95	5.93	2.02	.11	.000
	(WY)	1955	1955	1956	1956	2000	1955	1967	1965	1954	1952	1954	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1952 - 2001
ANNUAL TOTAL	39279.92	171963.54	
ANNUAL MEAN	107	471	365
HIGHEST ANNUAL MEAN			778
LOWEST ANNUAL MEAN			82.5
HIGHEST DAILY MEAN	2550	21200	39500
LOWEST DAILY MEAN	.02	.25	.00
ANNUAL SEVEN-DAY MINIMUM	.15	.53	.00
MAXIMUM PEAK FLOW		28600	49100
MAXIMUM PEAK STAGE		27.20	29.78
ANNUAL RUNOFF (CFSM)	.37	1.62	1.26
ANNUAL RUNOFF (INCHES)	5.04	22.06	17.11
10 PERCENT EXCEEDS	218	991	898
50 PERCENT EXCEEDS	17	69	40
90 PERCENT EXCEEDS	.62	2.3	1.7

e Estimated

MOBILE RIVER BASIN

02421115 PINTLALLA CREEK AT LIBERTY CHURCH ROAD NEAR PINTLALLA, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 32°09'10", long 86°21'13", in NW¹/₄ sec. 34, T. 14 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, on downstream side of bridge on Liberty Church Road, 2 mi southeast of Pintlalla.

DRAINAGE AREA.--59.3 mi².

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--October 1998 to September 2001 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 225 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges: Dec. 1-11. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	e.20	34	73	131	67	12	2.2	95	3.3	32
2	.00	.00	e.17	27	42	685	50	11	1.5	137	2.1	128
3	.00	.00	e.15	22	33	3840	50	9.5	1.6	38	1.6	19
4	.00	.00	e.13	21	28	6390	1410	8.7	1.5	22	1.4	16
5	.00	.00	e.11	19	24	753	814	8.1	5.9	18	1.2	10
6	.00	.00	e.10	18	22	182	164	7.3	9.2	15	62	6.1
7	.00	.00	e.09	17	20	128	96	6.7	6.7	19	62	7.3
8	.00	.06	e.10	17	19	97	65	6.1	4.6	12	32	5.2
9	.00	3.1	e1.0	20	18	79	49	5.6	14	9.1	22	3.4
10	.00	18	e2.0	16	100	69	41	5.4	23	8.0	13	2.6
11	.00	1.0	e1.0	15	76	57	35	5.1	21	33	7.9	2.3
12	.00	.13	1.1	16	37	313	28	4.5	156	16	6.2	2.4
13	.00	.04	1.8	16	31	1110	25	4.2	84	9.4	5.9	2.3
14	.00	.07	23	14	42	286	23	3.5	92	7.7	4.9	2.0
15	.51	.07	41	14	33	1260	22	3.0	120	6.1	3.8	1.8
16	2.2	.27	87	19	29	872	30	2.9	27	5.0	3.1	1.3
17	1.1	.93	58	62	34	151	22	2.8	18	4.1	2.5	1.1
18	.41	5.6	23	44	29	97	18	2.7	11	3.6	2.6	.87
19	.11	8.1	15	198	24	104	17	2.9	8.1	3.0	5.5	.72
20	.06	18	16	804	22	2090	17	36	7.5	2.8	5.8	.70
21	.02	4.1	13	245	22	1130	15	10	7.3	23	4.8	.69
22	.01	1.0	34	63	95	212	14	4.4	6.8	13	3.1	.71
23	.01	.96	25	40	49	125	13	3.4	17	6.0	2.1	.63
24	.01	8.0	15	31	29	92	18	4.3	11	3.7	1.7	.67
25	.00	27	11	26	544	113	178	2.6	6.0	2.8	1.5	.58
26	.00	17	8.4	22	702	93	49	1.9	4.1	3.1	1.2	.43
27	.00	3.0	31	21	113	65	24	1.6	3.6	3.6	1.4	.41
28	.00	.69	479	19	117	54	18	1.6	3.3	3.9	8.2	.42
29	.00	.22	940	19	---	78	15	2.4	300	23	2.6	.40
30	.00	.25	292	510	---	201	13	4.5	549	13	1.9	.37
31	.00	---	52	318	---	98	---	2.5	---	8.2	1.9	---
TOTAL	4.44	117.59	2171.35	2727	2407	20955	3400	187.2	1522.9	567.1	279.2	250.40
MEAN	.14	3.92	70.0	88.0	86.0	676	113	6.04	50.8	18.3	9.01	8.35
MAX	2.2	27	940	804	702	6390	1410	36	549	137	62	128
MIN	.00	.00	.09	14	18	54	13	1.6	1.5	2.8	1.2	.37
CFSM	.00	.07	1.18	1.48	1.45	11.4	1.91	.10	.86	.31	.15	.14
IN.	.00	.07	1.36	1.71	1.51	13.15	2.13	.12	.96	.36	.18	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
MEAN	10.3	3.40	26.7	57.6	50.7	285	56.1	15.9	48.1	22.8	4.12	3.21
MAX	28.5	5.30	70.0	88.0	86.0	676	113	40.7	92.8	50.2	9.01	8.35
(WY)	1999	1999	2001	2001	2001	2001	2001	1999	1999	1999	2001	2001
MIN	.14	.98	4.72	20.4	14.1	68.2	9.54	.86	.66	.013	.63	.41
(WY)	2001	2000	1999	2000	2000	2000	2000	2000	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1999 - 2001
ANNUAL TOTAL	5828.83	34589.18	
ANNUAL MEAN	15.9	94.8	48.9
HIGHEST ANNUAL MEAN			94.8
LOWEST ANNUAL MEAN			10.4
HIGHEST DAILY MEAN	940	6390	6390
LOWEST DAILY MEAN	.00	.00	.00
ANNUAL SEVEN-DAY MINIMUM	.00	.00	.00
MAXIMUM PEAK FLOW			2500
MAXIMUM PEAK STAGE			15.11
ANNUAL RUNOFF (CFSM)	.27	1.60	.82
ANNUAL RUNOFF (INCHES)	3.66	21.70	11.20
10 PERCENT EXCEEDS	23	126	64
50 PERCENT EXCEEDS	.93	10	5.4
90 PERCENT EXCEEDS	.00	.07	.03

e Estimated

MOBILE RIVER BASIN

02421115 PINTLALLA CREEK AT LIBERTY CHURCH ROAD NEAR PINTLALLA, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DISIT FIELD MG/L AS CO3 (00452)
NOV 17...	1330	11.6	12.5	762	4.05	.97	130	134	5.4	50	7.1	7.4	.0
DEC 12...	1330	10.5	18.0	762	3.72	1.0	245	250	7.6	68	7.5	7.4	--

DATE	BICAR- BONATE WATER DISIT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)
NOV 17...	42	35	<.041	<.006	.37	.42	E.032	.120	.111	.046	.039
DEC 12...	71	58	<.041	<.006	.26	.32	<.047	--	.045	.020	E.013

DATE	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L ASC) (00689)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DIS-SOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
NOV 17...	11	1.1	52	17	17.8	1.80	3.8	.2	13	3.77
DEC 12...	6.8	.4	100	44	36.7	2.63	5.2	.2	10	2.66

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
NOV 17...	5.3	14.1	E.1	7.5	360	31.4	96	75	.25	.13
DEC 12...	6.7	48.1	E.1	9.4	60	27.4	165	146	.46	.22

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV 17...	1330	.97	8	.02	93
DEC 12...	1330	1.0	4	.01	88

MOBILE RIVER BASIN

02422500 MULBERRY CREEK AT JONES, AL

LOCATION.--Lat 32°34'58", long 86°54'13", in NW¹/₄SE¹/₄ sec. 31, T. 19 N., R. 12 E., Dallas County, Hydrologic Unit 03150201, on right bank 75 ft downstream from highway bridge, 0.4 mi west of Jones, 6 mi upstream from Buck Creek, and 11 mi upstream from mouth.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--October 1938 to September 1970, October 1970 to September 1974 (flood hydrograph only), October 1974 to current year. Prior to October 1959, published as Mulberry "River" at Jones.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 165.23 ft above sea level. Prior to June 2, 1939, nonrecording gage at site 50 ft upstream at same datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 33.6 ft in April 1938, from information by local residents, discharge, 48,000 ft³/s, from rating curve extended above 30,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	35	73	117	187	641	376	112	154	108	81	183
2	30	36	73	108	156	641	317	109	202	109	67	287
3	29	36	70	99	141	2550	396	103	115	149	58	447
4	28	37	68	98	132	3460	2400	98	181	168	61	543
5	27	39	67	95	127	1060	1200	94	651	163	90	232
6	39	51	67	92	121	662	761	91	285	113	254	184
7	63	76	67	90	117	520	607	89	205	97	501	149
8	55	91	67	201	112	431	516	90	300	85	205	120
9	39	217	67	196	114	493	462	117	535	79	123	102
10	37	187	66	132	226	565	417	157	601	72	113	92
11	39	95	66	119	192	379	372	142	354	97	140	104
12	38	72	65	123	159	1890	323	107	311	89	142	110
13	37	66	66	116	193	2810	301	98	232	78	111	90
14	37	62	102	107	173	859	298	88	194	71	93	79
15	37	59	101	102	157	2900	305	78	172	69	83	73
16	36	76	89	102	204	1330	339	73	156	67	74	70
17	36	121	103	129	1540	777	255	71	138	66	72	68
18	35	112	99	137	510	616	216	67	117	62	103	69
19	34	289	87	213	341	595	206	65	109	62	86	71
20	35	256	82	401	291	2820	197	67	103	62	74	78
21	43	127	85	213	266	2100	188	66	99	68	68	76
22	37	96	101	162	271	935	177	99	163	74	62	70
23	37	84	96	142	239	708	166	100	234	67	59	67
24	36	89	87	131	220	596	165	74	141	62	58	73
25	35	158	83	122	2250	613	176	84	109	59	57	77
26	34	138	80	114	1150	493	153	95	97	61	57	73
27	36	99	109	111	565	415	138	71	91	70	56	68
28	36	84	246	108	809	375	131	66	98	65	55	67
29	36	79	325	114	---	412	123	182	104	60	78	65
30	36	76	182	523	---	497	116	111	101	111	95	64
31	36	---	133	301	---	415	---	91	---	136	104	---
TOTAL	1144	3043	3072	4818	10963	33558	11797	2955	6352	2699	3280	3851
MEAN	36.9	101	99.1	155	392	1083	393	95.3	212	87.1	106	128
MAX	63	289	325	523	2250	3460	2400	182	651	168	501	543
MIN	27	35	65	90	112	375	116	65	91	59	55	64
CFSM	.18	.50	.49	.77	1.93	5.33	1.94	.47	1.04	.43	.52	.63
IN.	.21	.56	.56	.88	2.01	6.15	2.16	.54	1.16	.49	.60	.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

	105	175	293	419	543	664	561	281	190	184	173	111
MEAN	105	175	293	419	543	664	561	281	190	184	173	111
MAX	434	913	1554	1180	1407	1389	2070	1014	584	560	2430	263
(WY)	1976	1949	1962	1947	1961	1990	1979	1991	1989	1940	1939	1946
MIN	36.9	75.0	92.7	111	168	137	87.2	70.2	50.2	38.7	41.2	32.3
(WY)	2001	1979	1939	1981	1986	1986	1986	1999	1988	2000	2000	1954

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1939 - 2001

ANNUAL TOTAL	48757	87532	
ANNUAL MEAN	133	240	
HIGHEST ANNUAL MEAN			307
LOWEST ANNUAL MEAN			546
HIGHEST DAILY MEAN	2940	3460	105
LOWEST DAILY MEAN	26	27	1975
ANNUAL SEVEN-DAY MINIMUM	28	35	105
MAXIMUM PEAK FLOW		5150	1986
MAXIMUM PEAK STAGE		10.09	27100
ANNUAL RUNOFF (CFSM)	.66	1.18	Aug 16 1939
ANNUAL RUNOFF (INCHES)	8.93	16.04	26
10 PERCENT EXCEEDS	252	518	Aug 31 2000
50 PERCENT EXCEEDS	83	107	28
90 PERCENT EXCEEDS	32	55	Aug 26 2000
			32800
			Aug 16 1939
			Aug 16 1939
			30.38
			1.51
			20.54
			600
			162
			71

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02423000 ALABAMA RIVER AT SELMA, AL

LOCATION.--Lat 32°24'20", long 87°01'07", in SE¹/₄NW¹/₄ sec. 36, T. 17 N., R. 10 E., Dallas County, Hydrologic Unit 03150201, at first pier from right bank of Edmund Pettus Bridge on U.S. Highway 80, in Selma, 1 mi upstream from Valley Creek, and at mile 214.8.
DRAINAGE AREA.--17,095 mi².

WATER-STAGE RECORDS

PERIOD OF RECORD.--January to December 1899 (gage heights only), January 1900 to December 1913, and June 1928 to September 1970. October 1971 to current year (gage heights only). Gage-height records December 1890 to December 1971 are contained in reports of National Weather Service.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 61.80 ft above sea level. Prior to June 22, 1928, nonrecording gage, June 22, 1928 to Apr. 11, 1938, water-stage recorder, and Apr. 12, 1938 to May 22, 1940, nonrecording gage at site 300 ft upstream at same datum.

REMARKS.--Records good. Flow affected by operation of reservoirs on Etowah, Coosa, Tallapoosa, and Alabama Rivers. (See Reservoirs in Mobile River basin.) Stage affected by Millers Ferry Lock and Dam since November 1968.

AVERAGE DISCHARGE.--55 years (water years 1901-13, 1929-70), 26,170 ft³/s, 20.78 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 284,000 ft³/s, Mar. 1, 1961, gage height, 57.97 ft; minimum discharge observed, 2,660 ft³/s, Nov. 1, 1904, gage height, -2.20 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 8, 1886, reached a stage of 57.0 ft (discharge, 248,000 ft³/s), present site and datum, from floodmarks established by U.S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 43.46 ft, Mar. 23; minimum gage height, 16.84 ft, Oct. 10.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.87	18.11	18.37	19.25	23.52	24.39	24.33	19.34	19.94	20.02	19.85	19.27
2	17.74	18.03	18.44	19.64	21.29	24.08	23.25	19.39	20.89	20.51	19.86	19.43
3	17.66	17.98	18.21	19.37	20.25	27.82	20.93	19.30	21.98	20.77	19.01	19.90
4	17.61	17.82	18.49	19.29	19.47	35.67	29.82	19.36	23.81	20.17	18.58	21.86
5	17.78	17.73	19.08	18.75	19.32	40.91	39.11	19.16	24.52	19.66	18.52	22.67
6	18.00	17.78	18.72	18.45	19.19	42.66	42.34	19.14	23.18	20.38	20.07	22.19
7	18.02	17.99	18.56	18.61	18.83	39.44	42.40	19.28	22.59	20.07	20.16	20.82
8	17.83	18.19	18.66	18.78	18.65	32.91	38.88	19.51	22.24	19.29	18.98	20.18
9	17.57	19.19	19.11	19.17	19.25	27.32	31.09	19.41	22.15	19.88	19.06	18.59
10	17.46	19.19	18.76	19.82	19.16	23.01	24.71	19.32	21.42	20.23	19.56	18.24
11	17.53	18.99	18.58	19.29	19.77	19.64	24.31	19.34	21.12	19.93	19.95	18.08
12	17.50	19.16	18.58	18.82	19.43	20.90	23.49	19.36	21.75	19.62	19.14	19.04
13	17.62	19.15	18.47	18.37	20.80	30.04	22.63	19.51	19.57	19.60	18.94	19.26
14	17.72	19.02	18.65	18.44	20.09	33.17	20.06	19.42	20.28	19.10	19.28	18.97
15	17.79	18.92	18.99	18.77	21.10	35.02	19.14	19.50	20.13	18.58	20.03	18.59
16	17.89	18.50	19.18	19.12	20.84	38.62	20.34	19.41	19.59	18.67	19.74	18.50
17	18.02	19.07	18.60	19.63	22.64	39.71	21.96	19.26	19.05	18.58	19.55	18.68
18	17.97	19.07	19.32	18.95	24.43	38.41	20.63	18.97	19.55	18.59	19.26	18.83
19	17.95	19.06	19.58	20.33	22.80	34.43	20.62	18.93	19.13	18.89	19.05	18.87
20	17.86	19.73	18.92	24.88	21.68	33.29	20.81	20.37	19.04	18.68	18.93	19.39
21	17.75	19.57	18.59	26.84	20.68	38.74	19.61	20.49	19.30	18.57	19.13	19.15
22	17.73	19.11	19.10	26.03	21.44	42.15	19.92	18.80	19.86	18.51	18.99	18.97
23	17.81	19.21	19.32	24.89	20.68	43.29	19.53	19.20	19.47	19.03	18.95	18.87
24	17.82	18.61	19.17	24.82	20.67	42.29	19.45	19.41	19.33	19.15	19.04	18.81
25	17.98	18.75	18.99	22.84	22.34	39.93	19.03	19.53	19.32	19.36	19.17	18.67
26	18.09	19.10	18.95	21.16	28.09	37.17	18.95	19.61	19.58	19.29	18.47	18.91
27	18.21	18.83	18.97	19.82	29.30	32.71	19.55	19.18	19.79	19.65	18.38	18.94
28	18.01	18.60	20.08	19.33	25.76	28.61	19.25	19.25	19.27	18.84	18.64	19.00
29	18.07	18.93	22.52	19.15	---	26.35	18.95	20.59	18.80	18.32	18.85	18.87
30	18.06	18.69	21.77	21.37	---	24.88	19.38	20.33	19.92	18.69	19.10	18.67
31	18.03	---	19.89	24.25	---	25.07	---	20.76	---	19.25	19.53	---
MEAN	17.84	18.74	19.12	20.59	21.48	32.99	24.15	19.50	20.55	19.35	19.22	19.34
MAX	18.21	19.73	22.52	26.84	29.30	43.29	42.40	20.76	24.52	20.77	20.16	22.67
MIN	17.46	17.73	18.21	18.37	18.65	19.64	18.95	18.80	18.80	18.32	18.38	18.08
WTR YR 2001	MEAN 21.07		MAX 43.29		MIN 17.46							

MOBILE RIVER BASIN
MOBILE RIVER MAIN STEM
02423000 ALABAMA RIVER AT SELMA, AL--Continued
WATER-QUALITY RECORDS

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

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
MAR					
21...	1005	25.0	108000	100	29200
21...	1015	50.0	108000	160	46700
21...	1025	75.0	108000	129	37600

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL

LOCATION.--Lat 33°37'20", long 86°35'58", in SW¹/₄ sec. 24, T. 16 S., R. 1 W., Jefferson County, Hydrologic Unit 03150202, near left bank on downstream side of U.S. Highway 11 bridge, 0.5 mi east of Trussville, 8.6 mi upstream from Big Black Creek, and at mile 182.3.

DRAINAGE AREA.--19.7 mi².

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WDR AL-92-1: 1989-91 (P).

GAGE.--Water-stage recorder. Datum of gage is 673.30 ft above sea level.

REMARKS.--Estimated daily discharges: Oct. 1 to Nov. 7, Jan. 2-7. Water-discharge records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

REVISIONS.--Peak discharge and peaks above base discharge have been revised and supersede those previously published as follows. Annual peak gage heights and discharges are noted by (*).

Date	Gage height	Discharge	Date	Gage height	Discharge
02-16-1990	*6.19	*1,790	06-22-1997	*6.29	*1,840
01-12-1993	*6.70	*2,030	01-07-1998	*10.45	*3,380
07-27-1994	*6.66	*2,010	06-28-1999	*7.24	*2,260
10-03-1995	7.99	2,560	03-11-2000	*10.37	*3,360
10-05-1995	8.52	2,750	03-19-2000	5.85	1,630
01-26-1996	8.56	2,760	04-03-2000	9.35	3,040
03-06-1996	*9.13	*2,960			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e.10	e.00	5.8	4.0	23	39	25	6.0	27	8.9	.85	88
2	e.08	e.02	5.4	e10	18	52	21	6.4	12	9.2	.44	135
3	e.04	e.04	4.6	e7.0	15	135	1230	8.0	9.1	36	.30	1390
4	e.00	e.08	4.4	e5.0	25	164	573	7.5	7.3	36	.37	1020
5	e.00	e.06	3.8	e3.5	12	79	214	7.2	5.8	84	6.5	305
6	e9.0	e.08	3.7	e3.0	9.9	46	105	6.8	4.9	44	11	131
7	e5.0	e1.0	3.3	e10	8.7	34	65	6.3	93	19	18	70
8	e3.0	10	3.0	20	7.8	27	47	9.4	71	14	5.0	30
9	e1.8	372	3.0	13	9.1	23	37	12	25	24	2.7	26
10	e1.4	23	2.8	10	15	19	30	7.8	15	58	2.3	18
11	e1.1	10	2.2	9.5	10	16	24	8.0	27	18	19	16
12	e.80	5.5	.72	11	23	113	21	5.6	9.5	12	19	19
13	e.50	3.7	1.7	9.9	115	96	28	2.8	7.2	8.1	195	25
14	e.30	2.3	6.5	10	74	56	21	2.1	5.9	6.4	42	8.7
15	e.20	1.5	3.3	10	48	288	86	1.8	8.3	5.5	16	7.0
16	e.15	11	13	9.2	47	97	50	2.0	6.5	3.8	10	6.2
17	e.10	15	28	9.7	66	54	34	1.9	4.9	2.8	7.9	5.8
18	e.08	9.4	17	35	40	38	25	2.2	4.4	2.1	12	5.5
19	e.02	25	14	177	29	43	21	1.5	3.4	2.1	9.9	5.4
20	e.00	17	11	81	23	673	18	6.5	2.7	2.5	5.6	5.2
21	e.00	9.6	9.4	51	19	212	16	2.3	5.3	2.8	3.4	4.4
22	e.00	6.1	7.4	39	39	100	14	4.8	157	4.0	2.6	3.9
23	e.08	4.5	6.2	32	26	62	12	3.1	31	3.9	1.6	4.1
24	e.04	6.3	5.5	28	20	41	11	2.3	15	1.3	1.4	4.9
25	e.03	15	4.6	22	98	32	9.9	6.2	9.9	20	1.2	4.4
26	e.02	10	3.8	11	54	26	8.7	3.1	8.3	9.2	.82	3.4
27	e.00	7.9	4.8	9.4	41	22	8.2	2.3	9.7	4.1	17	3.0
28	e.00	5.7	6.1	8.2	49	19	7.7	9.0	9.1	1.9	20	2.6
29	e.00	5.5	5.4	29	---	23	7.0	18	8.0	2.8	4.3	2.1
30	e.00	6.6	4.9	77	---	30	6.6	5.6	8.1	3.6	2.7	1.9
31	e.00	---	4.3	35	---	27	---	11	---	2.2	124	---
TOTAL	23.84	583.88	199.62	789.4	964.5	2686	2776.1	179.5	611.3	452.2	562.88	3351.5
MEAN	.77	19.5	6.44	25.5	34.4	86.6	92.5	5.79	20.4	14.6	18.2	112
MAX	9.0	372	28	177	115	673	1230	18	157	84	195	1390
MIN	.00	.00	.72	3.0	7.8	16	6.6	1.5	2.7	1.3	.30	1.9
CFSM	.04	.99	.33	1.29	1.75	4.40	4.70	.29	1.03	.74	.92	5.67
IN.	.05	1.10	.38	1.49	1.82	5.07	5.24	.34	1.15	.85	1.06	6.33

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL—Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2001, BY WATER YEAR (WY)

MEAN	15.6	23.6	23.3	62.3	51.3	75.4	44.9	16.9	28.5	19.6	8.79	14.5
MAX	111	68.0	52.6	130	177	154	121	75.9	116	74.2	26.5	112
(WY)	1996	1996	1995	1996	1990	1996	2000	1991	1997	1989	1992	2001
MIN	.12	2.32	5.42	20.3	14.2	19.4	12.4	4.23	3.14	.080	.52	.38
(WY)	1999	2000	2000	1991	2000	1992	1992	1992	1998	2000	1999	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1989 - 2001	
ANNUAL TOTAL	9103.05		13180.72			
ANNUAL MEAN	24.9		36.1		32.0	
HIGHEST ANNUAL MEAN					53.8	
LOWEST ANNUAL MEAN					14.7	
HIGHEST DAILY MEAN	2000	Apr 3	1390	Sep 3	2000	Apr 3 2000
LOWEST DAILY MEAN	.00	Many days	.00	Many days	.00	Several years
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 26	.00	Oct 26	.00	Several years
MAXIMUM PEAK FLOW			3390	Apr 3	3390	Apr 3 2001
MAXIMUM PEAK STAGE			10.46	Apr 3	10.46	Apr 3 2001
ANNUAL RUNOFF (CFSM)	1.26		1.83		1.62	
ANNUAL RUNOFF (INCHES)	17.19		24.89		22.04	
10 PERCENT EXCEEDS	28		65		63	
50 PERCENT EXCEEDS	4.6		9.1		11	
90 PERCENT EXCEEDS	.04		.84		.97	

e Estimated

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1988 to current year.

WATER TEMPERATURE: October 1988 to current year.

DISSOLVED OXYGEN: October 1988 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1988.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 522 microSiemens, Aug. 19, 2000; minimum, 26 microSiemens, Jan. 30, 1999.

WATER TEMPERATURE: Maximum, 33.8°C, Aug. 10, 2000; minimum, 0.8°C, Feb. 16, 1991.

DISSOLVED OXYGEN: Maximum, 15.7 mg/L, Jan. 1, 2001; minimum, 1.9 mg/L, June 4, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 476 microSiemens, Oct. 4, 5; minimum, 43 microSiemens, Apr. 3.

WATER TEMPERATURE: Maximum, 29.9°C, July 31; minimum, 0.9°C, Dec. 31, Jan. 2, 3.

DISSOLVED OXYGEN: Maximum, 15.7 mg/L, Jan. 1; minimum, 2.1 mg/L, May 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	382	342	357	396	346	364	---	---	---	176	169	174
2	386	364	373	407	336	365	---	---	---	169	139	147
3	402	373	387	401	334	363	---	---	---	139	116	127
4	476	360	395	390	358	377	---	---	---	116	110	112
5	476	363	380	382	340	367	---	---	---	111	107	109
6	461	115	317	379	355	363	---	---	---	109	107	108
7	---	---	---	360	337	350	---	---	---	114	106	109
8	---	---	---	357	162	328	---	---	---	162	111	132
9	---	---	---	---	---	---	---	---	---	129	124	127
10	---	---	---	---	---	---	---	---	---	133	128	129
11	---	---	---	---	---	---	---	---	---	142	133	138
12	417	382	392	---	---	---	---	---	---	144	138	140
13	440	390	400	---	---	---	---	---	---	145	141	143
14	---	---	---	---	---	---	---	---	---	148	138	144
15	---	---	---	---	---	---	---	---	---	152	146	147
16	---	---	---	332	277	311	---	---	---	154	147	150
17	---	---	---	306	197	229	---	---	---	154	142	150
18	---	---	---	303	227	280	---	---	---	159	113	135
19	---	---	---	287	248	264	---	---	---	126	96	105
20	---	---	---	255	192	219	149	144	146	105	97	101
21	---	---	---	243	208	227	151	148	149	107	103	105
22	---	---	---	254	183	223	156	151	153	107	103	104
23	---	---	---	241	213	222	160	156	158	105	102	103
24	---	---	---	250	218	228	164	160	162	104	101	102
25	---	---	---	242	224	233	172	164	167	112	100	103
26	416	369	389	245	188	223	177	171	174	144	112	125
27	410	361	386	229	169	197	180	165	174	134	130	132
28	402	356	377	220	199	207	173	164	168	137	132	134
29	---	---	---	---	---	---	169	164	167	139	91	128
30	395	349	372	---	---	---	171	166	169	99	92	96
31	387	344	358	---	---	---	172	170	171	102	97	99
MONTH	476	115	376	407	162	283	180	144	163	176	91	124

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.9	19.6	21.8	20.9	17.9	19.6	10.1	8.0	9.2	2.5	1.3	2.2
2	24.5	19.6	22.0	20.6	18.3	19.6	11.4	10.0	10.6	3.1	.9	2.0
3	25.1	20.1	22.6	21.4	18.6	20.0	10.7	8.8	9.5	2.9	.9	2.1
4	24.0	20.5	22.3	20.3	19.2	19.6	9.8	8.0	8.9	4.1	1.8	3.0
5	24.3	19.1	21.8	20.0	18.7	19.2	9.8	7.6	8.7	5.0	2.2	3.8
6	22.7	20.7	21.5	19.0	18.5	18.7	8.7	7.5	8.0	5.1	2.9	4.2
7	---	---	---	21.1	18.9	20.0	9.6	7.3	8.4	6.2	3.4	4.7
8	---	---	---	22.5	20.6	21.4	10.4	7.7	9.0	6.8	4.8	6.1
9	---	---	---	21.1	18.2	20.1	10.4	9.1	9.7	4.8	3.3	4.1
10	---	---	---	18.2	15.0	16.5	11.3	10.4	10.7	4.7	2.2	3.5
11	---	---	---	15.4	13.6	14.6	11.5	11.1	11.4	4.9	3.1	3.9
12	18.5	12.7	15.6	15.3	12.9	14.2	11.5	7.6	9.4	5.8	4.9	5.4
13	19.4	13.9	16.6	14.6	13.5	14.1	8.1	6.8	7.4	8.1	5.5	6.8
14	---	---	---	14.7	12.2	13.3	8.9	8.1	8.6	7.6	5.8	6.7
15	---	---	---	12.9	10.0	11.4	9.5	8.1	8.7	8.9	7.1	8.0
16	---	---	---	11.4	10.0	10.5	12.1	9.5	10.8	7.9	7.0	7.3
17	---	---	---	11.6	10.7	11.3	11.7	6.7	8.6	7.8	7.1	7.4
18	---	---	---	10.7	8.9	9.6	6.8	5.5	6.2	9.3	7.7	8.4
19	---	---	---	9.2	8.3	8.7	6.7	3.0	5.3	11.2	8.8	9.9
20	---	---	---	9.7	8.1	8.9	3.7	1.8	2.9	8.8	6.5	7.9
21	---	---	---	9.2	7.6	8.2	4.0	2.9	3.4	7.4	5.6	6.5
22	---	---	---	8.6	6.3	7.5	3.7	1.7	2.7	7.4	4.5	5.9
23	---	---	---	9.8	7.8	8.7	3.8	.9	2.5	7.2	4.2	5.8
24	---	---	---	10.0	9.2	9.6	5.7	3.1	4.2	8.0	5.1	6.6
25	---	---	---	11.4	10.0	10.9	4.9	3.1	4.1	7.0	5.0	6.1
26	20.6	18.4	19.6	12.2	10.9	11.4	6.3	4.3	5.3	6.0	3.6	5.2
27	20.4	17.6	19.1	11.4	9.8	10.7	5.9	5.6	5.7	9.2	5.9	7.5
28	20.7	18.6	19.7	10.9	8.8	10.0	6.2	4.7	5.7	8.8	5.6	7.4
29	---	---	---	10.6	9.8	10.2	5.8	3.5	4.5	11.0	6.8	8.7
30	20.7	18.8	19.9	10.3	8.6	9.4	3.6	1.8	2.6	11.3	8.4	9.8
31	20.7	18.6	19.6	---	---	---	3.5	.9	2.1	11.4	8.8	10.0
MONTH	25.1	12.7	20.2	22.5	6.3	13.6	12.1	.9	6.9	11.4	.9	6.0
FEBRUARY			MARCH			APRIL			MAY			
1	9.8	8.0	9.0	14.1	10.6	12.4	15.0	10.7	12.7	20.5	16.9	18.8
2	9.0	7.3	8.3	14.4	12.8	13.3	15.9	10.4	13.2	21.1	16.9	18.9
3	8.3	5.8	7.2	13.3	12.7	13.0	14.6	12.9	13.6	20.2	15.9	18.2
4	9.2	6.2	7.9	13.1	11.2	12.4	13.7	12.8	13.2	21.1	15.9	18.6
5	9.6	6.5	8.1	12.9	10.1	11.2	13.9	13.1	13.4	20.2	16.4	18.6
6	9.3	5.7	7.8	12.2	8.6	10.2	17.2	13.2	14.9	21.4	16.9	19.2
7	10.4	6.6	8.7	12.4	8.3	10.3	18.1	14.5	16.1	21.9	17.8	19.8
8	11.4	7.6	9.7	12.9	8.1	10.7	18.5	14.9	16.6	20.3	17.7	19.1
9	13.9	9.5	12.0	12.2	9.7	11.0	19.1	15.4	17.1	19.9	17.7	18.8
10	12.5	8.6	10.9	12.7	7.8	10.3	20.4	16.0	18.1	20.4	17.5	18.9
11	8.9	6.8	8.1	13.2	8.7	11.2	20.7	16.5	18.7	21.5	17.2	19.2
12	9.3	8.7	9.0	12.8	12.1	12.3	20.4	17.4	18.9	22.2	17.7	20.0
13	10.3	8.7	9.5	15.5	12.3	13.5	19.3	18.1	18.7	23.7	18.7	20.8
14	11.7	10.3	11.0	13.5	10.9	12.3	18.2	16.2	17.0	23.3	17.2	20.1
15	14.1	11.3	12.8	14.3	11.4	12.7	18.3	15.8	17.1	24.8	18.1	21.3
16	15.8	12.3	13.8	14.1	11.8	12.7	18.4	15.3	16.7	25.7	19.6	22.5
17	12.3	9.6	11.2	14.1	10.5	12.1	16.2	13.7	15.0	26.5	20.3	23.2
18	10.9	7.8	9.4	14.4	10.0	12.0	15.5	11.7	13.6	26.0	20.5	23.0
19	11.6	7.5	9.6	11.8	8.8	10.5	16.1	11.4	13.8	25.2	21.6	23.1
20	12.7	9.3	11.0	9.4	6.3	8.2	16.2	12.6	14.6	23.7	20.8	22.4
21	13.8	11.5	12.7	11.1	9.4	10.1	18.2	14.4	16.4	23.7	21.9	22.6
22	13.1	11.3	12.6	14.0	9.4	11.5	19.5	15.3	17.5	22.4	19.6	21.1
23	13.7	10.2	11.9	15.0	10.1	12.4	19.4	16.3	18.0	23.2	17.5	20.1
24	12.9	10.8	11.8	13.5	10.8	12.2	18.1	15.6	17.0	22.4	18.5	20.4
25	14.1	12.3	13.3	13.9	10.2	12.0	17.8	13.9	15.9	22.1	18.7	20.1
26	14.7	11.1	12.7	12.8	8.8	10.8	17.9	13.4	15.8	23.0	17.4	20.1
27	12.4	11.2	11.7	12.8	7.9	10.5	18.5	13.6	16.3	23.9	18.7	21.2
28	13.3	11.3	12.1	10.6	8.5	9.8	19.5	15.0	17.4	23.2	20.8	21.8
29	---	---	---	10.8	10.0	10.3	20.4	16.2	18.2	23.0	20.2	21.6
30	---	---	---	11.9	10.1	11.0	20.8	16.6	18.7	23.4	19.5	21.4
31	---	---	---	13.1	11.3	12.0	---	---	---	23.0	20.4	21.5
MONTH	15.8	5.7	10.5	15.5	6.3	11.4	20.8	10.4	16.1	26.5	15.9	20.5

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.8	19.9	21.1	26.0	22.6	24.1	29.6	25.3	27.0	22.9	22.1	22.6
2	20.6	18.6	19.9	26.8	23.1	24.7	29.2	24.3	26.3	22.8	22.1	22.3
3	22.3	19.3	20.6	26.6	23.5	24.5	27.6	23.7	25.6	22.5	21.5	21.9
4	23.5	19.8	21.3	25.1	22.3	23.5	27.9	24.8	26.1	22.9	21.7	22.1
5	22.6	20.7	21.6	24.2	21.5	22.6	27.7	24.4	25.7	23.2	21.6	22.3
6	24.7	21.2	22.9	24.7	20.9	22.8	25.6	23.8	24.1	24.2	21.9	22.9
7	24.1	21.0	22.6	25.1	21.9	23.6	25.1	23.6	24.2	24.0	22.3	23.1
8	22.5	20.0	21.2	25.7	22.0	24.1	26.1	24.0	24.9	24.1	22.1	23.1
9	22.2	20.6	21.4	27.0	23.5	25.2	26.3	24.5	25.2	24.2	22.5	23.4
10	23.5	20.2	21.9	26.5	23.5	24.9	25.3	24.0	24.8	24.0	22.7	23.3
11	23.7	21.5	22.6	26.6	23.4	25.1	25.1	23.5	24.2	24.1	22.0	23.3
12	24.7	21.3	22.9	27.3	23.9	25.6	24.7	23.2	23.9	24.5	22.6	23.6
13	25.7	22.1	23.9	26.8	24.1	25.2	24.2	23.4	23.8	24.9	22.5	23.7
14	26.1	23.3	24.5	25.5	22.2	23.9	25.1	22.3	23.8	24.0	21.8	22.9
15	25.9	23.5	24.5	26.5	22.4	24.3	25.4	22.0	23.8	22.7	21.0	21.8
16	26.9	23.1	24.7	27.3	23.2	25.1	25.4	22.0	23.9	22.3	19.4	20.8
17	27.3	22.5	24.7	27.8	23.4	25.4	26.1	23.4	24.5	21.3	19.2	20.3
18	28.1	23.3	25.5	28.3	23.4	25.7	26.5	23.2	24.4	21.6	19.2	20.4
19	27.6	23.5	25.3	28.2	24.2	26.1	24.9	22.9	24.0	22.5	20.7	21.5
20	26.8	22.6	24.5	28.4	25.2	26.5	26.7	22.9	24.4	23.5	20.8	21.7
21	26.5	22.8	24.4	26.4	24.9	25.4	26.4	21.9	24.0	23.2	19.5	21.2
22	23.9	20.4	22.2	28.3	23.7	25.7	26.6	21.9	24.1	23.5	19.7	21.5
23	22.8	19.9	21.5	29.3	24.2	26.3	27.0	22.3	24.5	24.0	20.4	22.1
24	23.4	19.8	21.7	29.1	24.3	26.5	28.9	23.1	25.4	22.3	19.5	21.2
25	24.0	20.1	22.1	28.8	25.1	26.4	28.8	23.7	25.8	20.4	17.3	18.7
26	24.8	21.0	22.6	26.9	24.3	25.4	29.3	24.2	26.1	19.2	15.3	17.1
27	24.9	20.9	22.7	28.8	24.5	26.4	28.3	23.1	25.5	19.1	14.6	16.8
28	23.8	22.1	23.0	29.1	25.2	26.9	25.0	22.7	23.8	19.6	15.1	17.2
29	24.9	22.0	23.3	28.5	25.7	27.0	24.7	23.7	24.2	20.0	15.9	17.6
30	26.1	22.9	24.1	29.0	25.5	27.2	24.8	23.3	24.0	20.0	15.6	17.5
31	---	---	---	29.9	26.0	27.5	24.1	22.4	23.2	---	---	---
MONTH	28.1	18.6	22.8	29.9	20.9	25.3	29.6	21.9	24.7	24.9	14.6	21.3
YEAR	29.9	.9	16.5									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.3	4.1	6.0	---	---	---	---	---	---	15.7	13.8	14.6
2	8.6	4.5	6.1	---	---	---	---	---	---	15.4	14.1	14.8
3	9.2	4.6	6.4	---	---	---	---	---	---	15.5	13.7	14.6
4	9.0	4.9	6.3	---	---	---	---	---	---	14.9	13.2	14.1
5	---	---	---	---	---	---	---	---	---	14.5	12.5	13.6
6	---	---	---	---	---	---	---	---	---	14.2	12.5	13.2
7	---	---	---	---	---	---	---	---	---	14.1	11.5	12.9
8	---	---	---	---	---	---	---	---	---	14.0	11.0	12.3
9	---	---	---	---	---	---	---	---	---	14.8	12.9	13.8
10	---	---	---	---	---	---	---	---	---	15.2	13.4	14.2
11	---	---	---	---	---	---	---	---	---	14.6	12.8	13.7
12	---	---	---	---	---	---	---	---	---	14.2	12.4	13.1
13	---	---	---	---	---	---	---	---	---	14.3	11.7	12.9
14	---	---	---	---	---	---	---	---	---	13.8	11.5	12.4
15	---	---	---	---	---	---	---	---	---	13.8	11.1	12.1
16	---	---	---	---	---	---	---	---	---	13.7	11.1	12.1
17	---	---	---	---	---	---	---	---	---	13.8	11.0	12.0
18	---	---	---	---	---	---	---	---	---	11.3	10.7	11.0
19	---	---	---	---	---	---	---	---	---	11.1	10.1	10.7
20	---	---	---	---	---	---	14.9	13.2	14.1	11.9	11.1	11.5
21	---	---	---	---	---	---	14.4	13.8	14.0	12.7	11.7	12.2
22	---	---	---	---	---	---	15.2	13.8	14.5	13.1	11.7	12.4
23	---	---	---	---	---	---	15.5	13.9	14.7	13.2	11.6	12.4
24	---	---	---	---	---	---	14.9	13.2	13.9	12.9	11.3	12.1
25	---	---	---	---	---	---	15.0	13.1	13.9	13.2	11.4	12.3
26	---	---	---	---	---	---	14.7	12.3	13.5	13.4	11.7	12.4
27	---	---	---	---	---	---	13.2	11.9	12.4	12.8	10.7	11.7
28	---	---	---	---	---	---	13.6	11.9	12.5	13.1	10.6	11.7
29	---	---	---	---	---	---	14.4	12.4	13.3	12.2	7.8	10.3
30	---	---	---	---	---	---	15.3	13.1	14.2	11.1	9.7	10.4
31	---	---	---	---	---	---	15.6	14.1	14.7	11.2	9.3	10.2
MONTH	9.2	4.1	6.2	---	---	---	15.6	11.9	13.8	15.7	7.8	12.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.3	9.5	10.2	11.4	8.9	10.1	11.4	10.1	10.7	9.6	8.5	9.0
2	11.5	9.6	10.5	10.3	8.9	9.3	11.3	9.8	10.5	9.6	8.5	9.0
3	12.0	10.1	10.9	9.6	9.1	9.3	10.4	8.3	9.9	9.8	8.6	9.1
4	11.8	10.0	10.8	9.8	9.2	9.5	10.8	10.3	10.4	9.7	8.6	9.1
5	11.9	10.0	10.8	10.9	9.7	10.2	10.5	10.3	10.4	9.8	8.5	9.1
6	12.1	10.1	10.9	11.4	9.8	10.5	10.6	9.8	10.2	9.5	8.3	8.9
7	12.1	9.8	10.8	11.7	10.0	10.7	10.2	9.6	9.9	9.5	8.2	8.8
8	12.1	9.4	10.5	12.1	9.7	10.9	10.0	9.3	9.7	8.8	7.7	8.2
9	11.5	8.7	9.9	11.8	9.7	10.7	9.8	8.2	9.1	9.0	7.6	8.1
10	11.2	8.6	9.8	12.4	9.8	11.1	9.1	8.0	8.5	---	---	---
11	11.8	9.4	10.6	12.4	9.2	10.9	9.3	7.8	8.5	---	---	---
12	10.9	9.5	10.0	10.1	9.3	9.7	9.4	5.8	8.4	---	---	---
13	10.1	9.6	9.9	10.2	9.1	9.7	8.4	7.8	8.1	---	---	---
14	9.9	9.1	9.5	10.8	9.2	9.9	9.5	8.0	8.7	---	---	---
15	9.8	8.7	9.2	10.0	9.1	9.5	8.9	8.1	8.5	---	---	---
16	9.7	8.4	8.9	9.9	9.1	9.5	9.2	8.2	8.6	7.9	4.5	6.3
17	10.0	8.8	9.3	10.5	9.0	9.7	9.6	8.3	8.9	7.9	4.8	6.2
18	10.4	9.1	9.7	10.4	8.8	9.6	10.1	8.6	9.3	8.2	2.5	6.3
19	10.4	7.8	9.2	10.9	9.1	10.1	10.2	8.4	9.3	8.1	2.1	5.5
20	10.3	8.4	9.3	11.3	10.5	10.9	10.2	8.4	9.2	8.4	3.6	6.1
21	12.6	8.3	9.5	11.8	10.5	11.0	9.9	7.9	8.9	7.7	5.2	6.3
22	10.6	8.7	9.6	11.6	10.8	11.4	9.9	7.7	8.6	8.4	3.3	5.9
23	12.1	9.3	10.5	11.6	9.8	11.1	10.6	7.7	9.1	9.2	4.3	7.2
24	11.5	9.0	10.1	10.9	10.5	10.7	10.4	9.3	9.8	9.3	6.3	7.6
25	9.8	8.8	9.3	11.3	10.4	10.9	11.0	9.3	10.0	9.0	4.5	6.7
26	10.7	9.0	9.8	11.2	10.4	10.7	10.9	9.4	10.0	9.1	4.6	7.2
27	10.9	9.3	10.0	11.2	10.3	10.7	10.5	9.1	9.7	8.9	6.6	7.6
28	11.1	9.4	10.0	11.2	10.3	10.7	10.1	8.8	9.4	9.0	5.9	7.3
29	---	---	---	10.9	10.2	10.5	9.8	8.6	9.1	---	---	---
30	---	---	---	11.0	10.1	10.5	9.8	8.6	9.1	---	---	---
31	---	---	---	11.4	10.1	10.7	---	---	---	---	---	---
MONTH	12.6	7.8	10.0	12.4	8.8	10.3	11.4	5.8	9.4	9.8	2.1	7.5
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	9.4	5.4	7.6	8.5	3.1	6.0	8.7	8.2	8.5
2	9.5	7.5	8.6	9.3	6.7	7.7	---	---	---	8.8	8.2	8.5
3	9.9	7.8	8.5	8.4	6.4	7.1	---	---	---	9.1	8.4	8.6
4	9.9	7.8	8.5	8.6	6.8	7.8	---	---	---	8.8	8.5	8.6
5	10.3	7.7	8.7	---	---	---	---	---	---	8.6	8.1	8.4

MOBILE RIVER BASIN

02423380 CAHABA RIVER NEAR MOUNTAIN BROOK, AL

LOCATION.--Lat 33°28'54", long 86°42'46", in NE¹/₄ sec. 11, T. 18 S., R. 2 W., Jefferson County, Hydrologic Unit 03150202, on downstream side bridge on county road, 0.1 mi upstream from Fuller Creek, 3.5 mi east of Mountain Brook, 5.4 mi upstream from Little Cahaba River, and at mi 153.6.

DRAINAGE AREA.--140 mi².

PERIOD OF RECORD.--October 1980 to September 1981, June 1984 to current year. March 1976 to September 1980 and October 1981 to September 1984 in files of Barton Laboratory, Jefferson County Commission.

GAGE.--Water-stage recorder. Datum of gage is 443.85 ft above sea level (levels by Jefferson County Engineering Department).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	4.7	48	44	280	396	261	67	209	107	22	597
2	9.4	4.0	42	40	216	369	240	67	238	85	20	461
3	8.7	3.4	37	50	176	790	621	58	139	90	17	4530
4	7.5	4.8	32	56	153	1650	7690	56	151	235	16	4500
5	7.0	6.1	29	56	141	908	2320	51	114	192	21	2130
6	39	6.1	28	55	116	569	1170	48	91	357	33	808
7	63	8.9	26	78	104	447	711	44	112	202	129	500
8	23	25	26	168	95	377	524	61	439	127	100	359
9	10	807	24	148	100	333	415	89	273	95	56	259
10	6.1	367	22	106	194	294	354	132	164	122	42	192
11	3.7	125	20	92	164	263	306	86	124	160	137	152
12	3.1	69	19	106	170	582	266	68	129	103	366	125
13	3.7	46	20	108	1060	1260	270	54	88	79	362	105
14	3.8	35	30	96	932	649	285	42	79	61	531	90
15	3.7	28	45	112	572	2230	629	36	78	50	190	79
16	4.1	40	51	108	498	1260	561	33	73	45	105	66
17	3.4	92	81	105	864	685	383	30	60	36	78	58
18	3.2	91	95	211	572	497	302	27	46	33	86	56
19	2.8	130	78	1340	436	444	258	28	39	30	257	57
20	3.5	160	68	1210	359	3700	226	33	39	55	110	55
21	4.3	108	61	524	324	2440	195	99	41	68	73	49
22	4.3	77	57	337	323	1100	168	75	617	42	56	45
23	4.4	59	50	258	341	684	148	66	588	28	45	41
24	4.3	55	44	210	296	490	133	49	237	23	38	40
25	4.3	107	40	172	509	394	122	52	136	23	33	45
26	3.9	114	37	139	626	328	110	56	162	48	28	42
27	3.4	85	41	116	457	284	96	42	345	45	24	38
28	4.7	68	53	102	443	251	87	39	213	29	21	35
29	5.5	57	62	115	---	242	81	101	167	24	45	33
30	5.8	52	61	605	---	304	71	98	123	21	30	31
31	5.4	---	49	430	---	287	---	72	---	21	228	---
TOTAL	269.0	2835.0	1376	7297	10521	24507	19003	1859	5314	2636	3299	15578
MEAN	8.68	94.5	44.4	235	376	791	633	60.0	177	85.0	106	519
MAX	63	807	95	1340	1060	3700	7690	132	617	357	531	4530
MIN	2.8	3.4	19	40	95	242	71	27	39	21	16	31
CFSM	.06	.68	.32	1.68	2.68	5.65	4.52	.43	1.27	.61	.76	3.71
IN.	.07	.75	.37	1.94	2.80	6.51	5.05	.49	1.41	.70	.88	4.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

	MEAN	88.7	182	211	430	459	519	315	122	156	125	63.3	89.9
MAX	502	675	563	898	1061	1191	809	489	850	469	225	519	
(WY)	1996	1993	1993	1998	1990	1996	2000	1991	1997	1989	1992	2001	
MIN	7.28	28.2	44.4	36.7	132	105	31.7	30.0	10.6	10.6	10.8	10.2	
(WY)	1988	1988	2001	1981	2000	1986	1986	1986	1988	2000	1988	1990	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1981 - 2001		
ANNUAL TOTAL	59155.7			94494.0					
ANNUAL MEAN	162			259			230		
HIGHEST ANNUAL MEAN							388		
LOWEST ANNUAL MEAN							70.4		
HIGHEST DAILY MEAN	7970			7690			8550		
LOWEST DAILY MEAN	2.8			2.8			2.5		
ANNUAL SEVEN-DAY MINIMUM	3.5			3.5			3.5		
MAXIMUM PEAK FLOW				13200			13200		
MAXIMUM PEAK STAGE				16.70			16.70		
ANNUAL RUNOFF (CFSM)	1.15			1.85			1.64		
ANNUAL RUNOFF (INCHES)	15.72			25.11			22.28		
10 PERCENT EXCEEDS	249			570			497		
50 PERCENT EXCEEDS	40			89			90		
90 PERCENT EXCEEDS	7.0			17			14		

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL

LOCATION.--Lat 33°32'56", long 86°33'45", in SE¹/₄ sec. 20, T. 17 S., R. 1 E., Jefferson County, Hydrologic Unit 03150202, on left bank, 0.1 mi downstream of Dry Branch, 0.5 mi southwest of Leeds, and 13.8 mi upstream from mouth.
DRAINAGE AREA.--17.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1995 to current year.

GAGE.--Water-stage recorder. Datum of gage is 595.50 ft above sea level (levels by Jefferson County Engineering Department).

REMARKS.--Estimated daily discharges: Oct. 15-21, May 14, 15, Aug. 10, 11, 17, 18, 24-27, Sept. 15, 22-24. Records good except those estimated, which are fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	3.9	10	8.4	26	32	40	17	86	11	4.9	34
2	13	4.9	12	8.2	22	38	33	19	47	11	6.2	45
3	20	3.7	11	10	20	91	640	19	33	12	8.0	472
4	18	3.9	11	8.0	17	102	523	20	31	14	4.7	224
5	18	5.2	10	10	17	60	129	26	29	18	8.8	74
6	40	3.8	9.3	7.8	15	46	102	26	19	19	9.5	41
7	6.7	6.4	8.1	13	12	43	83	21	20	13	30	35
8	6.5	16	11	29	15	40	71	20	33	11	11	39
9	7.8	213	7.8	13	20	35	66	18	29	11	9.6	25
10	12	30	9.7	11	43	32	62	18	23	12	e8.5	23
11	4.9	14	11	11	22	23	59	15	16	12	e15	22
12	4.6	11	11	13	37	118	53	13	20	9.3	58	22
13	4.6	9.3	12	12	103	83	66	13	15	11	30	19
14	5.6	9.2	18	13	64	52	56	e12	17	7.7	23	17
15	e3.8	9.5	15	16	49	234	128	e12	20	9.3	14	e14
16	e4.4	25	17	11	73	85	66	13	17	7.6	10	10
17	e4.3	19	17	16	94	58	56	12	17	7.6	e36	9.1
18	e4.4	13	11	35	53	50	39	13	13	9.4	e32	9.4
19	e4.8	32	10	142	43	60	39	19	13	7.8	26	8.9
20	e4.9	19	9.3	70	36	479	36	32	13	7.8	17	6.8
21	e6.7	14	8.8	41	32	143	24	56	13	9.4	11	8.2
22	5.2	11	8.7	34	29	89	21	20	85	5.4	8.5	e9.8
23	4.9	12	7.6	28	24	67	20	21	35	7.1	8.0	e9.5
24	4.9	24	9.8	23	21	57	21	21	26	6.2	e9.3	e11
25	4.5	38	7.3	19	85	52	22	22	19	9.9	e10	8.5
26	8.9	19	6.8	13	50	50	18	20	15	8.9	e9.3	9.4
27	4.3	11	7.8	17	43	46	19	15	17	6.2	e6.5	6.4
28	4.4	10	12	13	40	42	18	13	16	6.0	7.4	8.4
29	5.2	18	11	34	---	55	17	27	12	6.2	6.4	7.2
30	5.8	14	9.3	75	---	62	14	13	12	6.0	7.1	7.1
31	4.3	---	9.7	34	---	45	---	15	---	5.6	47	---
TOTAL	259.4	622.8	330.0	788.4	1105	2469	2541	601	761	298.4	492.7	1235.7
MEAN	8.37	20.8	10.6	25.4	39.5	79.6	84.7	19.4	25.4	9.63	15.9	41.2
MAX	40	213	18	142	103	479	640	56	86	19	58	472
MIN	3.8	3.7	6.8	7.8	12	23	14	12	12	5.4	4.7	6.4
CFSM	.49	1.22	.63	1.50	2.32	4.69	4.98	1.14	1.49	.57	.93	2.42
IN.	.57	1.36	.72	1.73	2.42	5.40	5.56	1.32	1.67	.65	1.08	2.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2001, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001
MEAN	16.6	23.1	24.5	63.2	49.8	67.9	54.0
MAX	38.6	52.0	36.6	112	79.8	105	98.0
(WY)	1996	1996	1996	1998	1998	1996	2000
MIN	7.71	8.98	10.6	25.4	20.6	46.5	22.4
(WY)	1999	2000	2001	2001	2000	2000	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1995 - 2001
ANNUAL TOTAL	8259.4	11504.4	
ANNUAL MEAN	22.6	31.5	34.5
HIGHEST ANNUAL MEAN			41.2
LOWEST ANNUAL MEAN			22.2
HIGHEST DAILY MEAN	1140	640	1340
LOWEST DAILY MEAN	3.0	3.7	3.0
ANNUAL SEVEN-DAY MINIMUM	3.7	4.2	3.7
MAXIMUM PEAK FLOW		2190	2960
MAXIMUM PEAK STAGE		11.35	12.92
ANNUAL RUNOFF (CFSM)	1.33	1.85	2.03
ANNUAL RUNOFF (INCHES)	18.07	25.17	27.53
10 PERCENT EXCEEDS	36	61	61
50 PERCENT EXCEEDS	9.6	16	17
90 PERCENT EXCEEDS	4.6	6.4	6.4

e Estimated

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1995 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1995 to current year.

WATER TEMPERATURE: June 1995 to current year.

DISSOLVED OXYGEN: June 1995 to current year.

INSTRUMENTATION.--Water-quality monitor since June 1995.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 611 microSiemens, Oct. 17, 1996; minimum, 67 microSiemens, Apr. 3, 2001.

WATER TEMPERATURE: Maximum, 27.0°C, August 10, 2000; minimum, 4.4°C, Feb. 3, 1996.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 28, 1998; minimum, 2.1 mg/L, Feb. 12, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 526 microSiemens, Sept. 28; minimum, 67 microSiemens, April 3.

WATER TEMPERATURE: Maximum, 26.0°C, Aug. 5; minimum, 5.2°C, Jan. 3.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, Jan. 2; minimum, 3.0 mg/L, Nov. 11.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	383	275	303	477	377	393	459	420	429	417	393	405
2	372	312	346	468	375	401	464	417	434	422	412	418
3	373	324	357	379	373	376	465	415	429	475	416	430
4	368	331	349	381	372	376	465	414	431	419	408	413
5	370	332	350	469	379	420	447	418	432	461	417	434
6	385	224	279	383	379	380	470	418	428	426	416	421
7	319	249	281	466	363	411	470	416	422	458	302	404
8	402	311	359	394	268	356	470	414	430	353	293	314
9	423	332	363	309	106	169	418	411	414	400	307	368
10	402	336	360	377	248	343	462	407	421	416	400	410
11	431	361	380	428	354	390	436	425	431	420	400	415
12	433	367	387	457	392	412	432	426	429	402	385	394
13	441	363	384	441	402	413	428	388	422	435	389	404
14	438	371	399	487	407	420	418	390	404	445	391	413
15	376	365	371	498	409	428	430	408	416	441	393	410
16	454	367	383	484	315	409	417	267	386	403	390	395
17	452	363	376	374	296	333	382	328	371	446	403	417
18	450	365	378	420	374	399	378	362	370	405	350	374
19	440	366	383	396	311	342	406	378	398	350	184	248
20	442	366	378	393	330	382	416	398	410	338	240	300
21	442	370	395	444	392	417	417	413	415	373	325	350
22	455	367	389	455	413	422	418	410	415	388	346	379
23	449	369	386	458	420	435	421	404	413	408	353	378
24	449	365	382	460	282	404	454	418	431	415	383	398
25	438	364	376	362	237	316	420	406	413	423	380	402
26	470	368	403	416	349	380	413	406	409	411	394	398
27	436	367	376	409	384	394	413	398	408	429	375	407
28	373	366	370	447	399	407	420	396	408	424	389	406
29	461	360	388	469	416	444	408	398	403	424	230	378
30	476	361	391	473	418	432	406	393	401	302	183	256
31	480	373	402	---	---	---	423	405	414	352	302	320
MONTH	480	224	369	498	106	387	470	267	414	475	183	383

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	374	352	362	360	324	350	355	316	341	393	338	347
2	390	355	379	371	270	344	364	324	346	347	340	343
3	402	354	388	299	195	265	368	67	215	358	328	341
4	409	370	393	290	194	244	191	86	136	369	321	337
5	415	369	400	331	288	309	237	191	219	333	312	328
6	418	372	403	352	317	336	266	237	253	325	321	324
7	416	388	395	360	334	346	283	266	275	333	322	327
8	425	390	408	360	333	349	293	283	289	337	259	315
9	425	265	389	372	328	354	306	293	300	330	302	321
10	356	237	291	374	350	367	312	302	306	330	323	326
11	369	323	354	382	343	366	310	301	305	360	327	337
12	390	284	344	390	135	264	343	304	312	382	323	337
13	285	169	223	282	181	232	311	249	284	363	331	340
14	298	247	276	308	222	289	305	281	296	---	---	---
15	338	294	321	222	116	167	305	136	216	378	340	345
16	355	186	304	281	217	253	278	246	263	398	342	349
17	288	193	250	316	274	291	295	271	283	368	344	349
18	335	288	310	327	308	320	339	289	321	415	348	359
19	353	318	338	346	203	316	340	279	313	370	295	338
20	363	329	353	203	92	121	348	285	317	340	133	317
21	374	343	363	251	161	213	347	336	346	282	113	209
22	374	337	360	292	251	270	352	346	350	326	280	296
23	381	368	375	314	287	297	359	323	350	354	309	329
24	404	369	380	327	308	317	372	341	351	364	347	354
25	380	197	264	346	320	337	354	335	344	361	329	347
26	328	266	293	355	320	341	351	332	344	382	351	364
27	356	306	338	358	333	347	374	337	345	390	351	375
28	346	313	334	367	335	352	362	337	345	399	259	361
29	---	---	---	373	292	340	382	338	346	326	199	281
30	---	---	---	317	265	289	387	342	348	355	295	311
31	---	---	---	344	307	320	---	---	---	363	314	332
MONTH	425	169	342	390	92	300	387	67	302	415	113	331
	JUNE			JULY			AUGUST			SEPTEMBER		
1	320	140	213	427	368	387	377	367	372	313	180	272
2	328	198	279	417	371	389	437	366	382	322	225	269
3	364	327	345	413	234	367	437	367	386	309	109	167
4	368	316	355	422	357	384	374	339	366	244	130	185
5	378	367	372	413	306	356	406	165	368	324	244	290
6	378	342	357	320	232	294	357	161	332	367	324	347
7	362	266	342	403	320	355	279	161	232	387	366	378
8	349	269	299	437	352	370	404	279	316	404	387	395
9	376	345	360	427	355	380	414	359	381	404	399	402
10	406	351	370	415	356	369	420	357	386	423	399	408
11	386	347	357	415	359	376	422	203	353	440	376	417
12	410	356	374	433	361	371	300	137	233	451	413	436
13	395	356	371	430	366	388	341	210	312	461	392	440
14	406	309	363	384	368	374	347	221	277	462	398	440
15	378	316	337	433	370	387	413	338	356	466	400	433
16	384	319	345	436	372	381	401	354	373	484	399	431
17	395	357	376	429	369	380	375	104	321	491	399	434
18	408	366	380	449	371	394	351	205	314	499	393	439
19	402	365	383	408	386	392	332	194	299	505	399	451
20	417	256	376	415	287	375	415	325	367	491	379	436
21	421	352	386	424	290	353	402	372	382	479	419	445
22	379	115	226	372	349	363	393	380	387	519	405	450
23	343	214	273	443	364	385	399	387	391	514	385	449
24	388	343	366	418	370	388	445	391	406	514	404	450
25	391	363	380	388	331	371	455	392	414	503	418	450
26	420	342	378	397	322	359	437	397	411	489	422	453
27	375	359	368	378	365	369	443	390	404	503	425	451
28	404	348	370	385	372	379	442	387	404	526	448	474
29	418	364	376	387	373	382	442	389	401	521	447	471
30	409	375	386	397	376	384	442	387	402	523	431	470
31	---	---	---	397	373	382	437	174	315	---	---	---
MONTH YEAR	421 526	115 67	349 359	449	232	374	455	104	356	526	109	401

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.6	19.0	20.4	19.5	17.3	18.4	12.2	9.9	11.3	7.4	6.3	7.0
2	22.5	19.1	20.4	20.0	17.2	18.5	13.6	12.0	12.6	7.6	5.5	6.4
3	23.4	20.4	21.7	19.3	17.4	18.4	12.2	10.3	11.1	8.0	5.2	6.6
4	24.0	20.5	21.8	18.5	17.7	18.1	11.9	9.3	10.5	8.5	6.3	7.1
5	23.9	20.2	21.7	19.1	17.7	18.3	11.4	8.9	10.1	9.5	6.2	7.8
6	21.6	19.8	21.0	18.1	17.5	17.8	10.5	9.4	9.9	9.9	7.4	8.4
7	19.8	15.7	17.6	19.8	18.0	18.8	11.4	9.1	10.1	10.1	8.0	8.9
8	16.2	13.6	15.4	20.6	19.0	19.7	12.4	9.5	11.0	9.3	7.7	8.5
9	16.1	12.6	14.2	20.7	18.1	20.1	12.3	11.1	11.7	8.3	6.9	7.6
10	17.7	14.1	15.6	18.1	14.7	16.4	12.8	11.9	12.3	8.4	6.4	7.5
11	16.3	12.6	14.6	15.2	13.2	14.4	13.7	12.6	13.1	8.6	7.6	8.1
12	16.8	13.1	15.1	15.2	12.9	14.3	13.5	9.9	11.4	8.9	8.3	8.6
13	17.6	13.6	15.3	15.0	13.6	14.3	10.6	9.3	9.9	11.4	7.7	10.0
14	18.5	13.9	16.1	14.4	12.2	13.5	11.3	10.3	10.8	10.9	9.7	10.5
15	17.6	14.4	15.9	14.0	10.6	12.5	11.9	10.5	11.2	12.2	10.4	11.3
16	18.4	15.0	16.5	13.9	12.2	12.9	14.6	11.8	13.2	11.3	10.3	10.6
17	18.8	16.2	17.4	13.3	12.1	12.9	13.3	8.4	9.9	10.7	9.7	10.5
18	19.2	16.8	18.0	12.2	9.5	11.3	9.3	7.4	8.5	11.8	10.1	10.9
19	18.6	16.5	17.8	10.7	9.6	10.3	9.3	6.6	8.2	12.7	10.1	11.5
20	19.1	17.1	18.2	12.2	9.5	11.4	7.6	5.7	6.6	10.1	8.9	9.5
21	19.2	18.0	18.7	11.6	9.0	10.6	7.8	6.8	7.4	10.1	7.5	8.8
22	19.4	17.2	18.5	11.3	8.8	10.2	7.6	6.1	6.7	10.4	7.9	9.0
23	19.4	17.4	18.5	12.7	11.0	11.7	8.3	6.0	6.8	10.5	8.0	9.2
24	19.5	17.2	18.3	12.6	11.0	12.0	9.8	7.1	8.5	11.5	8.9	10.1
25	19.2	17.2	18.4	13.5	11.0	12.7	9.3	7.9	8.4	10.7	9.0	9.8
26	20.3	17.5	18.7	14.5	12.2	13.6	10.1	8.3	9.1	10.4	8.1	9.3
27	19.0	17.0	18.2	13.5	11.8	12.6	9.6	8.8	9.4	12.0	8.5	10.8
28	19.1	17.2	18.2	13.2	11.1	12.3	9.2	8.2	8.9	11.7	9.1	10.6
29	20.1	17.2	18.5	13.1	12.0	12.6	8.7	7.5	8.0	12.9	10.9	11.7
30	20.9	17.2	18.6	12.5	10.8	11.6	7.7	6.3	7.0	12.5	10.5	11.5
31	19.8	17.4	18.6	---	---	---	7.7	5.8	6.7	13.7	11.2	12.3
MONTH	24.0	12.6	18.0	20.7	8.8	14.4	14.6	5.7	9.7	13.7	5.2	9.4
FEBRUARY			MARCH			APRIL			MAY			
1	12.6	11.0	11.7	16.8	13.1	14.8	16.9	13.2	14.6	20.1	17.0	18.9
2	12.0	10.2	11.1	15.9	15.1	15.6	18.1	12.8	15.3	20.2	17.8	19.1
3	11.4	8.5	10.3	15.1	14.5	14.8	16.0	14.6	15.1	20.0	17.3	18.8
4	12.2	8.8	10.9	14.5	12.6	13.9	15.5	14.5	14.9	20.6	17.0	18.9
5	12.2	8.6	10.9	14.4	11.6	12.7	15.6	14.8	15.1	19.8	17.9	19.1
6	12.6	8.3	11.0	14.1	10.9	12.4	18.3	15.2	16.6	19.9	17.9	19.1
7	13.4	10.1	11.9	14.3	10.7	12.4	19.1	16.7	17.9	20.4	18.2	19.3
8	14.3	11.1	12.8	15.0	10.7	13.0	19.6	16.9	18.2	19.9	18.3	19.2
9	15.9	12.9	14.3	13.9	11.7	13.2	20.1	17.5	18.6	19.6	18.3	19.0
10	14.3	11.0	12.8	15.1	10.6	12.7	21.2	17.7	19.2	19.6	18.1	18.9
11	12.0	9.1	11.0	15.7	11.7	13.7	20.6	17.9	19.1	20.7	18.2	19.4
12	11.7	10.8	11.3	14.1	13.2	13.7	20.5	18.3	19.2	21.0	18.5	19.8
13	11.2	9.6	10.4	16.4	13.3	14.6	20.1	18.7	19.3	20.7	18.3	19.6
14	13.4	11.2	12.4	15.0	13.1	14.0	18.7	17.5	18.1	---	---	---
15	16.2	13.4	14.8	14.9	11.7	13.4	18.8	16.5	17.7	21.0	18.0	19.5
16	17.8	14.0	16.0	15.5	13.6	14.4	18.9	16.7	17.7	22.2	18.7	20.4
17	14.0	11.4	12.7	15.3	12.5	13.7	17.2	14.9	16.1	22.3	19.0	20.8
18	12.8	10.1	11.3	15.7	12.1	13.7	16.6	13.7	15.0	22.8	19.7	21.1
19	13.7	10.0	11.9	13.4	10.1	12.5	17.7	13.5	15.1	22.8	19.9	21.1
20	14.9	12.3	13.5	10.1	6.6	7.6	17.3	14.6	15.9	22.7	20.0	21.2
21	15.9	14.0	14.8	11.6	8.8	10.3	19.7	16.2	17.7	22.7	20.7	21.9
22	15.6	13.6	14.9	14.7	10.7	12.7	20.3	16.9	18.6	20.9	19.2	20.1
23	15.8	12.8	14.2	16.2	12.4	14.3	20.1	17.5	18.8	21.2	17.6	19.3
24	15.3	13.6	14.4	15.6	13.4	14.5	18.7	17.2	17.9	20.6	18.4	19.5
25	15.5	14.3	15.0	16.1	12.6	14.1	18.7	15.5	17.0	21.9	18.3	19.5
26	16.4	13.0	14.5	15.2	11.4	13.2	18.2	14.8	16.7	20.5	17.5	19.2
27	14.3	13.4	13.9	15.4	11.1	13.0	19.1	14.9	17.1	20.4	18.3	19.6
28	15.6	13.3	14.2	13.2	11.5	12.4	19.4	15.7	17.8	21.2	19.2	20.2
29	---	---	---	12.6	12.0	12.4	19.8	16.5	18.3	23.2	20.3	21.4
30	---	---	---	13.5	12.0	12.8	20.0	17.0	18.7	22.6	18.8	20.3
31	---	---	---	15.2	13.5	14.0	---	---	---	21.1	19.4	20.4
MONTH	17.8	8.3	12.8	16.8	6.6	13.2	21.2	12.8	17.2	23.2	17.0	19.8

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.0	19.6	20.9	22.3	20.0	21.3	24.4	21.6	22.8	22.9	21.5	22.1
2	21.1	19.5	20.1	22.2	20.6	21.6	24.1	21.2	22.6	22.3	21.0	21.8
3	20.9	19.1	19.9	23.8	20.9	21.9	24.0	21.4	22.8	22.5	21.6	22.2
4	21.3	19.4	20.3	23.4	20.5	21.9	23.9	21.4	22.4	23.1	22.1	22.6
5	21.1	19.8	20.3	22.7	20.8	21.8	26.0	21.4	22.8	23.2	21.9	22.4
6	21.4	19.4	20.5	23.4	21.6	22.5	23.5	22.0	22.4	23.4	21.4	22.3
7	22.8	19.9	20.8	23.6	20.7	22.5	23.5	22.2	23.1	23.8	21.5	22.7
8	22.4	21.1	21.7	23.8	20.8	22.4	24.4	21.3	22.4	23.9	21.8	22.7
9	21.9	20.8	21.4	24.2	21.6	23.0	23.8	21.6	22.5	23.4	21.5	22.2
10	22.3	20.2	21.2	24.1	21.9	23.1	22.8	21.0	21.9	23.2	20.9	22.0
11	21.4	20.0	20.8	24.3	21.8	23.2	24.1	20.7	21.6	23.5	21.2	22.2
12	22.5	19.8	21.0	24.3	21.3	23.1	25.0	22.9	23.7	23.9	21.6	22.7
13	23.5	19.9	21.4	24.3	21.5	22.9	23.6	21.7	22.4	23.6	20.8	22.3
14	23.2	20.6	22.0	22.1	20.4	21.4	23.8	22.2	23.0	22.8	20.1	21.6
15	23.4	21.4	22.4	22.6	19.8	21.6	23.1	21.0	22.2	21.8	19.5	20.4
16	23.2	20.9	22.1	22.4	20.9	21.6	23.0	20.5	22.0	20.5	18.4	19.5
17	22.6	20.2	21.6	23.0	20.7	21.8	25.6	21.0	22.8	20.0	18.1	19.0
18	23.1	20.1	21.9	24.0	20.9	22.2	25.0	21.9	23.1	19.8	18.4	19.4
19	22.8	20.7	21.9	23.6	21.5	22.5	24.1	22.3	22.9	21.0	19.4	20.1
20	24.0	20.3	21.8	23.5	22.2	22.8	23.8	21.3	22.5	21.1	19.5	20.2
21	23.6	19.9	21.8	22.9	21.5	22.3	22.8	20.1	21.5	20.4	18.5	19.7
22	22.0	21.2	21.6	22.9	20.8	21.7	22.1	19.9	21.2	20.6	18.6	19.7
23	21.8	20.3	21.1	23.7	21.0	22.4	22.2	20.1	21.3	21.1	19.0	20.1
24	22.1	19.6	20.9	24.2	21.3	22.5	23.8	20.7	22.1	21.2	18.3	19.8
25	21.8	19.3	20.7	25.4	22.0	23.2	23.7	21.4	22.6	18.3	16.8	17.6
26	21.9	19.1	20.5	24.3	22.1	23.1	23.6	21.8	22.7	17.5	15.5	16.6
27	21.9	19.6	20.9	23.5	21.8	22.7	23.6	21.3	22.4	17.7	15.0	16.3
28	22.1	19.9	21.0	24.1	22.0	22.9	23.3	21.3	21.9	18.0	15.7	16.9
29	22.0	19.9	20.9	24.4	22.1	23.0	22.2	20.8	21.4	18.0	16.1	17.1
30	22.0	20.3	21.3	24.1	22.0	23.0	22.6	20.5	21.1	18.0	15.7	16.9
31	---	---	---	24.6	22.1	23.1	23.6	20.8	22.0	---	---	---
MONTH	24.0	19.1	21.2	25.4	19.8	22.4	26.0	19.9	22.3	23.9	15.0	20.4
YEAR	26.0	5.2	16.7									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.4	7.6	7.9	6.8	5.3	5.9	10.6	9.4	9.9	13.6	11.5	12.3
2	8.2	7.1	7.8	7.7	5.2	6.1	10.5	9.0	9.6	14.3	12.1	12.9
3	8.0	7.1	7.5	6.2	5.2	5.7	10.9	9.4	10.0	14.1	12.2	13.0
4	7.4	6.1	6.8	5.5	4.8	5.2	11.3	9.5	10.5	14.0	12.0	12.7
5	6.9	6.1	6.5	7.5	4.8	5.9	11.2	10.1	10.7	14.0	11.4	12.5
6	6.5	5.2	5.7	5.6	4.6	5.0	11.6	10.2	10.6	13.8	11.3	12.1
7	5.7	4.8	5.2	7.0	4.4	5.5	11.1	10.3	10.6	13.6	10.9	11.8
8	6.9	5.2	6.4	6.7	4.5	5.3	11.1	10.1	10.7	12.5	11.0	11.7
9	7.8	6.1	6.9	7.6	6.1	6.6	10.6	9.7	10.1	12.4	9.4	11.0
10	8.1	6.4	7.4	8.1	6.5	7.6	10.5	9.3	9.9	12.7	9.7	11.0
11	7.6	6.3	6.8	8.0	3.0	6.6	11.6	9.6	10.4	11.8	10.0	10.7
12	7.6	5.9	6.7	8.2	7.6	7.9	12.2	10.1	11.1	11.6	9.6	10.4
13	7.5	4.7	6.5	7.9	6.8	7.5	11.9	10.5	11.2	12.5	9.1	10.6
14	7.6	6.3	6.8	8.5	7.1	7.8	11.2	10.1	10.6	10.8	8.8	9.8
15	6.6	5.5	6.2	8.8	6.6	8.0	11.9	10.3	10.9	11.7	8.5	9.8
16	8.1	5.6	6.8	8.3	7.3	8.0	10.5	9.1	9.7	10.7	8.4	9.4
17	7.7	6.9	7.3	8.0	6.5	7.1	12.0	9.6	10.9	10.7	8.8	9.7
18	8.1	6.7	7.1	6.8	6.1	6.4	12.1	10.7	11.3	10.1	8.7	9.4
19	8.3	6.4	7.1	6.3	5.4	6.0	12.4	10.6	11.5	9.8	8.3	9.3
20	7.7	6.5	6.9	---	---	---	13.1	11.8	12.3	10.8	9.8	10.4
21	7.7	6.1	6.7	---	---	---	12.0	11.3	11.6	11.6	10.1	10.8
22	8.1	5.7	6.6	---	---	---	13.1	11.4	12.2	11.8	10.4	10.9
23	7.2	5.9	6.5	---	---	---	13.0	11.8	12.3	12.2	10.3	10.8
24	8.1	5.7	6.4	---	---	---	13.1	11.3	11.9	11.3	9.8	10.5
25	7.9	6.1	6.6	---	---	---	13.0	11.2	11.8	11.7	9.6	10.6
26	8.4	5.9	6.9	---	---	---	13.1	10.7	11.6	11.8	9.8	10.7
27	7.4	5.8	6.5	---	---	---	11.1	10.3	10.6	11.5	9.3	10.3
28	6.7	5.8	6.3	---	---	---	12.0	10.4	11.1	12.0	9.4	10.4
29	8.2	5.9	6.7	10.2	9.1	9.7	13.1	10.9	11.7	11.1	8.8	9.8
30	8.1	5.8	6.6	10.6	9.2	9.8	13.4	11.1	12.1	10.0	8.9	9.6
31	7.8	6.0	6.4	---	---	---	13.8	11.8	12.6	10.5	8.9	9.5
MONTH	8.4	4.7	6.7	10.6	3.0	6.8	13.8	9.0	11.0	14.3	8.3	10.8

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL

LOCATION.--Lat 33°31'27", long 86°34'32", in SE 1/4 sec. 30, T. 17 S., R. 1 E., Jefferson County, Hydrologic Unit 03150202, on left bank on downstream side bridge on county road, 1.2 mi downstream from Dry Branch, 2.0 mi southwest of Leeds, and 12.8 mi upstream from mouth.

DRAINAGE AREA.--19.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1976 to September 1980 (gage heights and discharge measurements in files of Barton Laboratories), October 1980 to September 1981, May 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 586.84 ft above sea level.

REMARKS.--Estimated daily discharges: May 14, 15. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	5.0	13	11	40	44	42	18	101	15	7.5	44
2	20	5.9	13	11	35	48	35	20	50	15	8.3	53
3	25	4.0	11	13	32	113	747	20	31	15	11	632
4	24	3.9	12	10	28	141	715	20	30	18	7.4	313
5	24	6.4	11	13	27	81	188	26	27	20	11	107
6	46	4.4	11	10	25	61	137	26	19	24	12	63
7	8.8	7.6	9.6	13	22	53	105	22	19	16	36	56
8	7.6	14	12	31	24	46	86	21	32	14	14	47
9	7.9	259	8.6	17	27	42	74	19	27	14	13	33
10	13	34	9.6	16	55	40	65	19	22	15	12	29
11	5.9	18	11	15	32	33	59	16	16	15	23	29
12	5.5	14	10	18	45	149	50	14	19	12	76	29
13	5.0	12	10	16	128	113	69	14	15	13	34	26
14	6.3	11	15	16	85	67	55	e13	17	10	28	24
15	4.0	11	12	19	65	299	154	e13	19	11	17	19
16	4.8	23	15	15	87	110	72	14	15	9.8	15	16
17	4.3	22	20	19	122	75	60	13	16	10	46	14
18	4.7	15	14	36	69	64	39	15	13	11	36	15
19	5.1	33	13	176	56	72	40	19	13	9.9	31	14
20	5.2	21	12	88	48	566	38	30	13	11	20	13
21	6.0	16	12	52	43	209	24	70	13	14	15	13
22	5.6	12	12	44	40	119	22	22	105	8.9	12	12
23	5.3	14	10	38	36	86	21	23	43	11	11	11
24	4.2	25	12	32	31	69	22	23	30	9.9	13	12
25	5.2	43	10	30	103	60	24	24	24	13	14	11
26	7.7	22	9.2	24	65	49	21	22	19	13	13	12
27	5.0	15	9.9	28	55	44	21	18	22	9.6	10	9.0
28	4.0	13	15	23	52	40	19	15	20	9.2	12	10
29	5.1	21	14	41	---	52	19	29	16	9.2	10	9.8
30	4.9	14	12	101	---	62	16	15	17	8.9	11	9.0
31	5.9	---	13	47	---	46	---	16	---	8.7	55	---
TOTAL	303.0	719.2	371.9	1023	1477	3053	3039	649	823	394.1	634.2	1684.8
MEAN	9.77	24.0	12.0	33.0	52.8	98.5	101	20.9	27.4	12.7	20.5	56.2
MAX	46	259	20	176	128	566	747	70	105	24	76	632
MIN	4.0	3.9	8.6	10	22	33	16	13	13	8.7	7.4	9.0
CFSM	.50	1.24	.62	1.70	2.72	5.08	5.22	1.08	1.41	.66	1.05	2.89
IN.	.58	1.38	.71	1.96	2.83	5.85	5.83	1.24	1.58	.76	1.22	3.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

	MEAN	18.8	30.2	31.1	61.5	64.2	73.6	51.7	22.8	33.5	28.3	14.7	21.1
MAX	49.2	93.7	66.5	147	163	126	118	56.1	116	99.7	33.8	60.4	60.4
(WY)	1996	1993	1993	1998	1990	1996	2000	1991	1999	1989	1998	1994	1994
MIN	8.75	11.1	11.2	8.79	22.5	39.6	22.3	10.4	6.02	7.65	6.37	6.21	6.21
(WY)	1992	2000	1981	1981	2000	1992	1990	1988	1988	1995	1988	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1981 - 2001
ANNUAL TOTAL	9758.0	14171.2	
ANNUAL MEAN	26.7	38.8	37.8
HIGHEST ANNUAL MEAN			50.7
LOWEST ANNUAL MEAN			24.6
HIGHEST DAILY MEAN	1330	747	1510
LOWEST DAILY MEAN	3.9	3.9	3.9
ANNUAL SEVEN-DAY MINIMUM	4.9	4.9	4.9
MAXIMUM PEAK FLOW		2590	3100
MAXIMUM PEAK STAGE		11.08	12.11
ANNUAL RUNOFF (CFSM)	1.37	2.00	1.95
ANNUAL RUNOFF (INCHES)	18.71	27.17	26.46
10 PERCENT EXCEEDS	41	72	67
50 PERCENT EXCEEDS	12	19	20
90 PERCENT EXCEEDS	5.3	8.9	8.1

e Estimated

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: September 1988 to current year.

WATER TEMPERATURE: September 1988 to current year.

DISSOLVED OXYGEN: September 1988 to current year.

INSTRUMENTATION.--Water-quality monitor since September 1988.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 631 microSiemens, Mar. 11, 1991; minimum, 78 microSiemens, Jan. 26, 1996.

WATER TEMPERATURE: Maximum, 28.2°C, June 7, 1992; minimum, 4.0°C, Jan. 3, 2001.

DISSOLVED OXYGEN: Maximum, 16.4 mg/L, Jan. 13, 2001; minimum, 2.0 mg/L, Sept. 9, 1988.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 491 microSiemens, Oct. 27; minimum, 91 microSiemens, Apr. 3.

WATER TEMPERATURE: Maximum, 25.5°C, Aug. 17; minimum, 4.0°C, Jan. 3.

DISSOLVED OXYGEN: Maximum, 16.4 mg/L, Jan. 13; minimum, 4.4 mg/L, Nov. 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	403	345	361	466	428	450	486	436	459	444	409	427
2	445	365	409	463	425	444	473	428	448	454	417	437
3	406	348	380	478	419	456	473	425	449	473	416	444
4	386	335	361	437	412	429	478	426	454	449	417	435
5	373	344	361	456	412	434	463	437	452	476	419	443
6	376	253	298	469	415	449	478	433	451	470	414	438
7	326	279	305	471	415	439	455	432	446	450	398	425
8	397	294	360	478	329	422	479	446	458	421	298	333
9	428	199	308	336	139	206	450	430	440	390	316	355
10	395	335	366	393	282	359	459	427	442	422	389	400
11	407	207	309	432	371	393	475	443	460	416	406	410
12	427	208	284	455	402	420	471	446	458	410	378	392
13	406	206	259	455	415	435	468	436	454	421	382	401
14	439	222	333	474	421	439	451	417	431	432	398	411
15	287	189	213	480	424	444	449	424	438	434	389	410
16	446	206	321	475	342	426	456	336	424	417	384	398
17	448	291	413	386	326	358	416	336	389	432	400	418
18	438	402	421	439	370	409	421	382	402	425	358	386
19	443	404	428	407	328	366	435	403	417	368	175	250
20	449	416	433	414	345	391	450	422	432	325	237	289
21	450	416	434	455	405	427	448	431	440	365	313	338
22	446	410	427	442	421	430	450	425	438	388	336	374
23	452	418	433	469	430	448	448	417	435	420	368	387
24	454	277	411	466	289	429	469	423	444	422	390	402
25	467	426	449	384	264	334	466	419	440	437	394	414
26	482	412	435	439	363	398	448	412	433	431	410	416
27	491	428	471	422	400	410	445	414	432	446	400	425
28	432	233	384	428	410	422	447	410	427	446	415	425
29	446	282	403	476	427	459	438	413	425	446	252	414
30	461	257	423	463	431	441	433	407	421	321	199	269
31	478	429	461	---	---	---	449	416	432	352	321	338
MONTH	491	189	376	480	139	412	486	336	438	476	175	390

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	389	338	377	378	338	362	392	344	376	381	349	359
2	406	367	392	383	299	362	400	356	384	361	346	353
3	414	370	401	304	196	274	399	91	254	368	339	355
4	422	386	406	290	196	243	209	101	155	380	326	349
5	430	382	410	336	290	309	259	209	240	388	334	345
6	434	398	418	356	318	340	284	256	272	362	326	334
7	433	410	419	363	320	349	301	284	292	354	322	337
8	439	407	420	366	332	355	312	299	305	354	306	337
9	443	360	420	376	340	360	317	307	311	351	321	338
10	368	262	303	385	369	380	319	309	313	346	331	340
11	389	333	374	391	362	379	318	306	311	369	332	348
12	402	294	364	399	162	292	357	307	317	378	343	357
13	307	181	236	302	208	254	315	268	294	381	341	354
14	310	260	284	333	269	312	312	277	302	364	344	356
15	347	295	325	269	149	201	312	155	229	---	---	---
16	361	197	324	304	247	279	282	257	273	362	353	355
17	299	197	258	338	288	316	296	281	290	401	368	378
18	339	299	318	358	315	347	353	291	323	421	369	384
19	362	328	348	371	247	349	352	294	328	404	324	375
20	379	347	367	247	121	157	354	292	315	375	145	347
21	387	354	376	280	193	244	362	352	356	297	140	225
22	388	353	374	321	280	299	365	353	359	330	297	318
23	396	382	389	334	319	325	372	356	361	375	330	350
24	417	385	397	354	327	346	379	346	364	381	361	369
25	391	207	284	379	335	365	366	341	352	373	337	360
26	334	279	303	385	353	372	364	338	352	384	363	372
27	372	314	349	390	357	380	369	346	356	401	369	391
28	355	321	344	398	369	385	369	348	355	405	349	378
29	---	---	---	406	334	376	374	346	356	349	236	268
30	---	---	---	353	303	324	376	350	358	408	365	371
31	---	---	---	379	338	354	---	---	---	405	369	384
MONTH	443	181	356	406	121	322	400	91	315	421	140	350
JUNE				JULY			AUGUST			SEPTEMBER		
1	381	166	255	436	409	419	433	394	414	325	209	287
2	366	229	310	437	410	423	453	392	424	332	260	288
3	413	366	391	436	266	392	459	407	429	311	117	182
4	415	371	404	442	375	411	417	366	403	243	143	194
5	427	415	422	414	355	390	426	311	399	323	243	291
6	426	390	410	362	262	322	433	353	385	363	320	342
7	410	348	393	418	342	377	372	218	261	382	363	373
8	370	297	341	441	371	399	418	298	328	397	382	388
9	418	365	405	439	383	412	432	387	409	401	395	398
10	433	405	421	422	381	400	440	382	415	416	394	403
11	453	400	414	432	378	411	440	240	389	410	394	402
12	454	407	422	436	381	401	302	178	246	420	399	405
13	455	405	424	442	384	414	365	231	338	423	392	413
14	457	354	427	440	386	405	337	231	292	424	392	412
15	432	371	393	450	389	421	391	334	373	419	392	406
16	405	366	389	444	392	413	416	376	400	417	392	405
17	451	403	433	441	392	415	401	194	336	424	383	398
18	462	414	434	465	392	430	373	277	346	431	393	410
19	457	426	442	450	407	426	366	228	321	432	391	407
20	469	377	429	434	330	417	418	351	382	432	384	403
21	468	414	440	455	330	403	430	392	406	434	391	412
22	443	166	293	419	375	400	417	391	404	426	393	408
23	379	279	322	456	386	420	422	398	411	436	380	402
24	424	379	409	453	399	424	440	405	416	430	389	407
25	436	414	427	444	362	414	446	420	436	424	384	402
26	434	415	421	430	366	389	451	417	435	418	367	396
27	428	390	412	431	388	407	445	403	419	423	372	399
28	439	398	414	429	397	411	457	413	435	427	393	411
29	435	400	411	424	399	414	455	396	428	436	384	409
30	435	412	425	429	400	418	459	398	429	439	378	406
31	---	---	---	430	402	420	428	173	339	---	---	---
MONTH YEAR	469 491	166 91	398 377	465	262	407	459	173	382	439	117	375

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.0	19.3	19.9	19.5	17.7	18.6	11.9	10.0	10.9	6.5	5.6	6.1
2	21.4	19.6	20.5	19.5	17.6	18.6	12.9	11.5	12.2	6.0	4.1	5.2
3	22.6	19.9	21.1	19.8	17.9	18.8	12.2	10.2	10.8	6.1	4.0	5.2
4	22.4	20.1	21.3	18.8	18.2	18.4	10.7	9.1	9.9	6.9	4.8	6.0
5	22.4	19.9	21.2	18.8	18.1	18.3	10.1	8.2	9.3	8.4	5.3	6.8
6	22.3	20.0	21.2	18.3	18.0	18.2	9.9	8.4	9.2	8.1	6.2	7.4
7	20.0	16.1	17.8	19.7	18.2	19.0	9.9	8.3	9.3	9.6	6.7	8.0
8	16.1	14.2	15.0	20.6	19.7	20.1	11.2	8.8	10.2	9.6	7.4	8.2
9	14.8	12.9	13.8	20.6	18.3	20.1	11.8	10.4	11.1	7.8	6.4	7.0
10	16.4	13.7	15.0	18.3	14.8	16.5	12.5	11.6	11.9	7.7	5.6	6.7
11	15.5	13.3	14.5	14.9	12.9	14.1	13.3	12.2	12.7	8.1	6.7	7.3
12	16.2	13.7	14.9	14.7	13.1	14.0	13.2	9.2	10.8	8.4	8.1	8.3
13	16.4	14.3	15.4	14.8	13.8	14.3	10.1	8.5	9.1	10.6	8.3	9.3
14	17.2	14.5	15.7	14.3	12.2	13.1	10.7	10.1	10.5	10.6	9.2	10.0
15	16.9	15.0	16.1	12.9	10.6	11.8	11.5	10.0	10.6	11.6	10.5	10.9
16	17.4	15.3	16.4	13.4	12.0	12.6	14.1	11.5	12.9	10.6	10.0	10.1
17	18.4	16.7	17.6	13.2	12.0	12.8	13.1	7.4	9.7	10.5	9.6	10.2
18	18.9	17.2	18.0	12.0	10.4	11.0	9.0	6.6	7.7	11.6	10.3	10.8
19	18.1	16.6	17.5	10.6	9.6	10.3	8.8	6.0	7.6	12.4	10.2	11.4
20	19.3	17.7	18.3	11.9	9.6	10.9	6.2	4.7	5.6	10.2	9.3	9.8
21	19.7	18.5	18.9	11.1	9.5	10.2	7.1	6.0	6.6	10.0	8.2	9.3
22	19.0	17.7	18.5	10.7	8.4	9.6	6.5	5.1	5.8	10.2	7.9	9.0
23	19.4	17.8	18.5	12.0	10.0	11.2	7.0	4.3	5.6	10.3	8.4	9.4
24	19.5	17.5	18.4	12.1	11.2	11.8	8.6	6.5	7.5	11.5	9.3	10.2
25	19.5	17.4	18.5	13.5	11.2	12.6	8.1	6.6	7.4	10.3	8.9	9.6
26	19.5	17.8	18.7	14.3	12.8	13.3	9.1	7.5	8.2	10.1	8.1	9.2
27	19.6	17.6	18.6	13.0	11.6	12.3	9.1	8.5	8.7	11.4	9.7	10.4
28	19.4	17.3	18.3	12.7	10.9	11.9	8.9	7.9	8.6	11.5	9.2	10.3
29	19.6	17.5	18.5	12.9	11.8	12.3	7.9	6.7	7.4	12.5	10.8	11.6
30	19.6	17.5	18.5	11.8	10.4	11.1	6.9	5.4	6.0	12.5	10.4	11.4
31	19.7	18.0	18.8	---	---	---	6.5	4.6	5.6	13.1	11.2	12.2
MONTH	22.6	12.9	17.9	20.6	8.4	14.3	14.1	4.3	9.0	13.1	4.0	8.9
FEBRUARY			MARCH			APRIL			MAY			
1	12.3	10.8	11.6	16.3	13.4	14.7	16.4	12.9	14.4	19.8	17.3	18.5
2	11.7	10.4	11.2	15.8	15.1	15.4	17.4	12.9	15.0	19.9	17.7	18.8
3	11.1	8.7	10.2	15.1	14.3	14.6	16.3	14.5	15.1	19.6	17.6	18.6
4	11.9	9.6	10.8	14.3	12.6	13.8	15.3	14.4	14.7	19.8	17.2	18.6
5	11.8	9.5	10.7	14.1	11.6	12.7	15.4	14.7	15.0	19.6	18.0	18.9
6	12.3	9.3	10.8	13.7	11.0	12.3	18.1	15.0	16.4	19.8	17.9	18.9
7	13.2	10.1	11.7	14.0	11.0	12.4	18.8	16.4	17.5	20.0	18.3	19.2
8	14.0	11.2	12.8	14.8	11.1	13.0	19.3	16.6	17.8	19.6	18.3	19.0
9	15.7	13.1	14.3	14.2	11.9	13.3	19.9	17.2	18.3	19.3	18.3	18.9
10	14.5	11.4	12.9	14.5	10.6	12.6	20.8	17.6	19.0	19.5	18.1	18.8
11	11.9	9.8	10.9	15.3	11.6	13.6	20.4	17.8	18.9	20.4	18.2	19.3
12	11.8	10.9	11.5	14.8	13.2	13.8	20.3	18.1	19.0	20.6	18.6	19.6
13	11.3	9.7	10.5	16.4	13.3	14.6	19.9	18.7	19.2	20.2	18.5	19.5
14	13.4	11.3	12.5	14.9	13.0	14.0	18.8	17.5	18.0	19.5	17.5	18.7
15	16.0	13.4	14.8	15.0	11.7	13.4	18.6	16.6	17.7	---	---	---
16	17.4	14.2	16.0	15.4	13.6	14.3	18.7	16.7	17.6	19.8	18.9	19.2
17	14.2	11.8	12.8	15.0	12.4	13.6	16.9	15.1	16.1	21.9	19.7	20.6
18	12.9	10.5	11.6	15.4	12.1	13.6	16.2	13.6	14.9	22.4	19.7	21.0
19	13.7	10.6	12.1	13.5	10.4	12.6	17.5	13.4	15.1	22.3	20.0	21.1
20	14.9	12.5	13.6	10.4	6.7	7.8	17.0	14.6	15.8	22.2	20.2	21.2
21	15.7	14.1	14.8	11.5	8.9	10.4	19.0	16.2	17.6	22.5	21.1	21.9
22	15.7	13.9	15.0	14.6	10.8	12.6	19.7	16.9	18.4	21.1	19.4	20.1
23	15.3	12.8	14.1	16.1	12.4	14.1	19.6	17.5	18.7	20.6	17.6	19.1
24	15.3	13.8	14.5	15.5	13.3	14.3	19.0	17.4	17.9	20.4	18.6	19.6
25	15.4	14.5	15.1	15.6	12.5	14.0	17.5	15.6	16.7	20.6	18.5	19.5
26	15.9	13.2	14.5	14.7	11.6	13.1	17.5	14.9	16.3	20.3	17.6	19.1
27	14.3	13.4	13.9	14.8	11.0	12.8	18.6	14.6	16.7	20.4	18.6	19.6
28	15.2	13.3	14.1	13.1	11.4	12.3	19.0	15.8	17.4	21.0	19.5	20.2
29	---	---	---	12.8	12.0	12.4	19.2	16.6	17.9	21.0	20.1	20.8
30	---	---	---	13.5	12.1	12.8	19.7	17.1	18.4	21.5	21.2	21.2
31	---	---	---	14.8	13.4	13.9	---	---	---	21.3	20.2	20.7
MONTH	17.4	8.7	12.8	16.4	6.7	13.2	20.8	12.9	17.0	22.5	17.2	19.7

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.8	19.9	21.0	22.3	20.5	21.5	24.1	22.5	23.5	22.7	21.8	22.2
2	21.3	19.6	20.2	22.5	21.3	21.9	24.4	22.1	23.3	22.3	21.3	21.9
3	20.8	19.2	20.1	23.4	21.3	22.2	24.5	23.0	23.7	22.4	21.7	22.1
4	21.2	19.5	20.4	23.4	20.9	22.0	24.0	22.7	23.5	23.0	22.0	22.4
5	21.1	19.9	20.5	22.4	21.2	21.7	24.6	22.6	23.6	23.0	21.6	22.1
6	21.3	20.0	20.7	23.2	21.4	22.2	24.4	22.6	23.2	22.9	21.2	22.0
7	21.6	20.4	21.0	23.4	21.2	22.3	23.9	22.9	23.5	23.6	21.6	22.6
8	22.3	21.1	21.7	23.3	21.4	22.4	24.0	22.2	22.9	23.5	21.8	22.6
9	22.2	21.1	21.6	24.0	22.2	23.1	24.1	23.0	23.4	22.9	21.8	22.2
10	22.0	20.8	21.4	23.8	22.4	23.1	23.2	22.2	22.7	22.8	20.8	21.8
11	22.1	20.5	21.2	24.1	22.2	23.2	24.1	21.8	22.3	23.0	21.1	22.1
12	21.9	20.6	21.1	24.1	22.5	23.3	24.8	23.3	23.9	23.7	21.7	22.6
13	22.3	20.6	21.6	23.8	22.3	23.0	24.1	22.4	22.8	23.5	22.0	22.5
14	23.1	21.5	22.3	22.7	20.6	21.7	23.9	22.6	23.3	22.8	21.4	21.8
15	23.3	21.5	22.5	23.0	20.5	21.7	23.3	21.8	22.6	21.7	20.0	20.8
16	23.0	21.4	22.3	22.6	21.0	21.9	23.3	21.6	22.5	20.3	19.2	19.9
17	22.6	20.8	21.8	22.9	21.0	22.0	25.5	22.2	23.2	20.0	18.5	19.3
18	23.2	21.0	22.1	23.7	20.9	22.3	24.3	22.5	23.2	20.3	19.3	19.8
19	23.0	21.5	22.3	23.7	21.7	22.7	23.9	22.6	23.2	20.8	19.8	20.4
20	22.9	21.1	22.0	23.6	22.3	23.0	23.2	22.1	22.6	21.2	20.3	20.7
21	23.2	20.9	22.0	23.3	22.2	22.7	22.7	20.8	21.8	20.8	19.4	20.1
22	22.8	21.4	21.8	23.1	21.2	22.3	22.5	20.5	21.5	20.9	19.3	20.2
23	21.7	20.4	21.1	23.9	21.3	22.6	22.5	20.7	21.6	21.5	19.6	20.5
24	22.0	19.6	20.9	23.7	21.7	22.8	23.2	20.9	22.1	21.1	19.2	20.5
25	21.8	19.6	20.8	24.9	22.5	23.4	23.7	22.7	23.2	19.2	17.2	18.1
26	21.4	19.5	20.6	24.3	22.8	23.5	23.9	22.3	23.1	17.5	16.2	16.8
27	21.7	20.1	21.0	23.9	22.2	23.1	23.6	21.9	22.8	17.9	15.4	16.6
28	21.7	20.3	21.1	24.1	22.5	23.3	22.8	22.3	22.6	18.1	15.9	17.2
29	21.7	20.3	21.1	24.0	22.5	23.3	22.4	21.5	22.0	18.0	16.8	17.4
30	22.0	21.0	21.6	24.1	22.6	23.4	22.6	21.3	21.9	18.1	16.0	17.1
31	---	---	---	24.4	22.7	23.6	23.3	21.1	22.1	---	---	---
MONTH	23.3	19.2	21.3	24.9	20.5	22.6	25.5	20.5	22.8	23.7	15.4	20.5
YEAR	25.5	4.0	16.7									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.1	7.7	7.9	6.0	4.9	5.4	10.5	9.2	9.9	13.7	10.4	11.7
2	8.2	7.9	8.0	6.2	4.9	5.6	10.2	9.0	9.5	14.3	10.8	12.2
3	8.4	7.8	8.0	6.1	4.9	5.4	10.7	9.2	9.9	14.2	10.7	12.3
4	---	---	---	5.3	4.5	4.9	11.1	9.9	10.3	14.5	10.3	11.9
5	---	---	---	6.2	4.6	5.4	11.3	10.0	10.5	13.5	9.4	11.1
6	---	---	---	5.5	4.6	4.9	11.3	10.1	10.5	14.1	9.4	11.1
7	---	---	---	5.7	4.4	5.0	11.5	10.0	10.6	14.4	8.9	10.6
8	---	---	---	6.6	4.9	5.4	11.4	9.6	10.5	10.6	8.9	9.7
9	6.9	5.6	6.3	7.3	6.6	6.9	11.0	9.3	10.0	15.2	8.9	11.6
10	6.9	5.9	6.5	8.8	7.3	8.2	10.5	9.1	9.6	15.2	11.7	12.8
11	7.2	5.9	6.5	9.3	8.4	8.8	11.3	8.7	9.8	13.6	11.7	12.4
12	7.3	6.1	6.6	9.8	8.8	9.2	11.4	8.6	9.9	13.2	11.5	12.1
13	6.9	6.2	6.5	9.6	8.8	9.1	11.3	9.6	10.4	16.4	11.2	12.8
14	7.4	6.2	6.7	10.1	8.8	9.4	10.2	9.0	9.5	13.4	11.1	12.0
15	7.1	6.2	6.6	10.4	8.8	9.7	11.2	8.9	9.8	14.8	10.7	12.0
16	9.8	6.2	7.9	10.2	9.4	9.9	9.8	7.9	8.6	13.1	10.6	11.6
17	9.2	8.4	8.8	10.1	9.2	9.7	10.7	7.9	9.6	12.9	11.1	11.7
18	8.9	8.1	8.5	10.1	9.4	9.7	11.5	9.8	10.6	11.9	11.2	11.5
19	8.9	8.0	8.3	10.4	9.6	10.0	11.8	9.7	10.7	11.5	10.9	11.3
20	8.6	7.3	8.1	10.0	9.3	9.7	12.9	11.0	11.8	12.0	11.4	11.7
21	8.2	7.1	7.6	10.7	9.4	10.0	11.6	10.3	11.0	12.6	11.3	11.9
22	8.1	7.1	7.5	10.7	9.8	10.3	13.1	10.4	11.8	12.8	11.1	12.0
23	8.1	7.0	7.5	10.1	9.2	9.8	13.3	10.9	12.0	12.9	11.0	11.8
24	7.6	6.8	7.1	9.6	9.2	9.4	12.8	10.3	11.2	13.0	10.9	11.6
25	7.8	6.8	7.3	9.6	8.6	9.0	13.1	10.2	11.4	13.3	11.0	11.9
26	8.1	6.5	7.2	9.4	8.6	8.8	13.3	9.7	11.1	13.3	11.0	12.0
27	8.1	6.9	7.5	9.6	8.7	9.1	10.6	9.3	9.7	13.3	10.9	11.8
28	7.5	6.5	6.9	10.0	8.9	9.4	11.0	9.2	9.9	14.8	10.8	12.1
29	7.5	6.4	6.9	9.9	9.0	9.5	12.6	9.9	10.8	13.6	11.1	11.8
30	7.4	6.5	6.9	10.4	9.3	9.7	13.3	10.1	11.5	11.7	11.0	11.4
31	7.2	5.2	6.3	---	---	---	13.5	10.7	11.8	12.2	10.7	11.3
MONTH	9.8	5.2	7.3	10.7	4.4	8.2	13.5	7.9	10.5	16.4	8.9	11.7

MOBILE RIVER BASIN

02423425 CAHABA RIVER NEAR CAHABA HEIGHTS, AL

LOCATION.--Lat 33°24'56", long 86°44'23", in NW¹/₄ sec. 3, T. 19 S., R. 2 W., Shelby County, Hydrologic Unit 03150202, on left bank 700 ft upstream from bridge on county road, 2.5 mi upstream from Little Shades Creek, 3.0 mi south of Cahaba Heights, 3.4 mi downstream from Little Cahaba River, and at river mile 144.9.

DRAINAGE AREA.--201 mi².

PERIOD OF RECORD.--August 1975 to September 1985, July 1996 to current water year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 410.0 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharge: July 3, 5-10, 20-26. Records fair. An average of 82 ft³/s is diverted above station by Birmingham Water Works Board, and is not included in records. Flow partly regulated by Purdy Lake (capacity, 15,300 acre-ft) on Little Cahaba River. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	2.5	18	2.1	269	455	305	62	244	118	9.0	657
2	2.6	2.7	14	5.5	194	427	249	25	333	79	8.7	500
3	2.5	2.7	7.5	3.6	140	869	1460	32	191	e70	8.5	4490
4	2.4	3.0	3.7	3.6	117	1670	10300	19	160	194	8.1	5990
5	2.3	3.1	3.9	6.1	100	1120	3270	20	126	e180	7.8	2690
6	22	3.3	3.5	2.5	84	765	1270	27	87	e300	28	1040
7	23	4.8	5.2	19	87	611	856	30	96	e200	145	598
8	7.0	12	4.5	152	81	466	642	56	530	e130	71	413
9	1.5	606	4.6	109	71	400	498	91	446	e80	39	293
10	.92	331	6.0	51	205	340	411	152	266	e70	24	207
11	.93	57	6.2	59	165	281	337	107	173	129	39	156
12	1.2	11	24	61	158	613	273	64	179	79	414	122
13	1.5	2.6	4.5	47	862	1270	291	46	111	48	280	98
14	1.7	2.4	3.6	34	871	762	336	27	83	24	568	81
15	1.9	2.0	11	43	553	2410	631	15	78	15	194	70
16	2.0	9.7	29	48	487	1410	675	13	82	17	95	72
17	2.0	59	69	53	857	791	451	8.1	67	14	60	56
18	2.1	50	60	168	598	582	339	7.4	52	14	82	58
19	2.3	83	20	1020	432	490	271	8.0	46	13	226	55
20	2.4	105	20	1040	344	3380	223	16	27	e150	97	58
21	2.5	49	11	516	289	3070	185	89	13	e200	48	62
22	2.4	27	6.1	333	263	1220	154	74	389	e50	17	64
23	2.3	16	2.6	248	332	794	124	61	624	e30	14	61
24	2.3	20	9.7	186	277	598	119	37	254	e20	12	73
25	2.5	41	3.9	133	504	476	106	44	129	e20	12	77
26	2.6	53	10	100	727	389	84	43	103	e25	12	59
27	2.7	28	4.1	70	549	321	69	30	377	30	14	52
28	2.7	25	7.2	55	518	271	56	20	242	10	13	45
29	2.8	20	4.3	68	---	267	60	89	177	11	14	43
30	2.6	19	6.1	530	---	375	62	94	128	11	16	32
31	2.4	---	5.4	432	---	354	---	65	---	8.9	383	---
TOTAL	112.65	1650.8	388.6	5598.4	10134	27247	24107	1471.5	5813	2339.9	2959.1	18272
MEAN	3.63	55.0	12.5	181	362	879	804	47.5	194	75.5	95.5	609
MAX	23	606	69	1040	871	3380	10300	152	624	300	568	5990
MIN	.92	2.0	2.6	2.1	71	267	56	7.4	13	8.9	7.8	32
CFSM	.02	.27	.06	.90	1.80	4.37	4.00	.24	.96	.38	.47	3.03
IN.	.02	.31	.07	1.04	1.88	5.04	4.46	.27	1.08	.43	.55	3.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	MEAN	98.1	136	295	469	468	761	700	252	207	79.1	56.2	91.7
MAX	503	511	1370	1189	979	1783	2112	761	916	321	255	609	609
(WY)	1978	1978	1984	1998	1983	1976	1979	1983	1999	1999	1975	2001	2001
MIN	1.14	1.39	6.69	6.93	74.0	181	66.9	9.25	8.64	3.94	1.97	2.45	2.45
(WY)	1979	1979	1981	1981	2000	1985	1978	1981	1981	1977	1977	1978	1978

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1975 - 2001
ANNUAL TOTAL	61963.35	100093.95	
ANNUAL MEAN	169	274	299
HIGHEST ANNUAL MEAN			470
LOWEST ANNUAL MEAN			103
HIGHEST DAILY MEAN	10900	10300	19300
LOWEST DAILY MEAN	.92	.92	.10
ANNUAL SEVEN-DAY MINIMUM	1.4	1.4	.10
MAXIMUM PEAK FLOW		13000	23400
MAXIMUM PEAK STAGE		21.88	28.86
ANNUAL RUNOFF (CFSM)	.84	1.36	1.49
ANNUAL RUNOFF (INCHES)	11.47	18.52	20.19
10 PERCENT EXCEEDS	325	601	700
50 PERCENT EXCEEDS	12	65	69
90 PERCENT EXCEEDS	3.1	2.8	4.0

e Estimated

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL

LOCATION.--Lat 33°22'09", long 86°47'03", in NE¹/₄ sec. 19, T. 19 S., R. 2 W., Jefferson County, Hydrologic Unit 03150202, upstream of Cahaba River Sewage Treatment Plant, 1.1 mi upstream from U.S. Highway 31, 2.1 mi upstream from station 02423500, and at mile 138.9.

DRAINAGE AREA.--226 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 379.56 ft above sea level (levels by Jefferson County Engineering Department).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	3.3	24	11	314	469	346	83	345	131	9.6	1200
2	2.2	3.3	21	13	219	462	268	43	439	113	9.9	700
3	2.1	3.5	15	12	178	1120	1160	46	225	83	9.3	5260
4	1.7	3.6	12	11	130	2280	10000	31	178	183	9.7	8150
5	1.6	3.8	8.6	12	117	1470	5910	30	163	172	9.5	4330
6	24	4.3	7.3	10	91	861	2070	37	102	328	50	1480
7	28	13	7.2	39	95	583	1290	38	128	211	249	781
8	21	38	7.2	216	87	430	909	62	853	129	72	518
9	6.7	1050	6.1	142	100	347	658	102	1140	80	37	350
10	3.1	598	5.6	85	297	287	492	174	395	68	45	239
11	2.0	121	6.8	80	204	240	386	154	249	128	38	185
12	1.6	34	25	97	174	792	303	85	235	89	564	149
13	1.5	11	15	69	1010	1860	336	55	141	55	345	119
14	1.6	5.5	24	53	1230	1050	378	42	99	29	902	98
15	1.7	4.2	12	54	675	3030	862	22	99	19	291	86
16	1.7	26	59	68	625	2200	994	22	108	19	143	84
17	1.8	76	113	92	1200	1120	586	15	76	14	76	64
18	2.1	85	86	211	789	727	401	13	53	14	96	61
19	2.3	195	46	1440	555	626	309	11	53	14	219	59
20	2.4	156	38	1690	424	4260	259	22	35	149	128	54
21	2.4	101	30	676	330	4750	223	103	22	205	67	57
22	2.6	54	22	393	269	1940	176	115	399	49	25	58
23	2.7	34	13	268	323	1170	148	76	858	31	18	59
24	2.9	50	19	203	268	804	138	50	266	23	16	65
25	2.9	94	13	160	538	585	136	63	138	23	15	75
26	3.2	84	15	123	893	436	107	48	89	17	14	62
27	3.3	50	31	89	589	354	87	38	405	22	13	49
28	3.2	46	36	70	553	296	74	33	271	11	14	46
29	3.6	38	26	106	---	307	73	128	191	13	13	39
30	3.5	31	27	688	---	421	76	123	138	13	15	36
31	3.4	---	16	535	---	399	---	91	---	9.9	835	---
TOTAL	144.8	3016.5	786.8	7716	12277	35676	29155	1955	7893	2444.9	4348.0	24513
MEAN	4.67	101	25.4	249	438	1151	972	63.1	263	78.9	140	817
MAX	28	1050	113	1690	1230	4750	10000	174	1140	328	902	8150
MIN	1.5	3.3	5.6	10	87	240	73	11	22	9.9	9.3	36
CFSM	.02	.44	.11	1.10	1.94	5.09	4.30	.28	1.16	.35	.62	3.62
IN.	.02	.50	.13	1.27	2.02	5.87	4.80	.32	1.30	.40	.72	4.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2001, BY WATER YEAR (WY)

	MEAN	121	244	294	723	671	875	520	148	250	168	71.8	143
	MAX	690	900	756	1469	1819	1524	1324	714	1219	709	329	817
	(WY)	1996	1993	1993	1998	1990	1996	2000	1991	1997	1989	1992	2001
	MIN	4.67	18.5	25.4	170	89.0	359	108	11.4	4.61	13.0	10.2	3.22
	(WY)	2001	1991	2001	1991	2000	1992	1990	1992	1988	1995	1990	1990

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1988 - 2001		
ANNUAL TOTAL	81006.3			129926.0					
ANNUAL MEAN	221			356					
HIGHEST ANNUAL MEAN							354		
LOWEST ANNUAL MEAN							545		
HIGHEST DAILY MEAN	12500			10000			205		
LOWEST DAILY MEAN	1.5			1.5			1996		
ANNUAL SEVEN-DAY MINIMUM	1.7			1.7			205		
MAXIMUM PEAK FLOW				11600			12500		
MAXIMUM PEAK STAGE				31.81			Apr 4 2000		
ANNUAL RUNOFF (CFSM)	.98			1.58			1.5		
ANNUAL RUNOFF (INCHES)	13.33			21.39			Oct 13 2000		
10 PERCENT EXCEEDS	379			855			1.7		
50 PERCENT EXCEEDS	23			85			Oct 11 2000		
90 PERCENT EXCEEDS	4.8			5.9			13300		
							Apr 4 2000		
							34.38		
							1.57		
							21.29		
							824		
							92		
							8.0		

MOBILE RIVER BASIN
02423496 CAHABA RIVER NEAR HOOVER, AL--Continued
WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1988 to current year.

WATER TEMPERATURE: November 1988 to current year.

DISSOLVED OXYGEN: November 1988 to current year.

INSTRUMENTATION.--Water-quality monitor since November 1988.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 418 microSiemens, Oct. 13, 1993; minimum, 29 microSiemens, May 4, 5, 1997.

WATER TEMPERATURE: Maximum, 34.1°C, June 8, 1990; minimum, 0.5°C, Dec. 24, 1989.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Jan. 3, 2001; minimum, 0.5 mg/L, Sept. 28, 1995.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 384 microSiemens, Oct. 10; minimum, 87 microSiemens, Apr. 4.

WATER TEMPERATURE: Maximum, 29.8°C, Aug. 3, 5; minimum, 0.7°C, Jan. 3.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Jan. 3; minimum, 4.0 mg/L, Nov. 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	171	162	165	147	142	144	246	242	243	286	283	284
2	178	165	170	149	145	146	246	241	242	289	284	287
3	170	163	167	257	147	168	248	245	247	294	288	291
4	---	---	---	251	163	188	256	246	251	296	288	293
5	---	---	---	297	236	269	258	253	255	296	290	293
6	271	143	211	300	296	298	264	258	260	298	291	296
7	257	198	230	335	300	324	266	263	265	309	257	294
8	345	257	293	341	185	319	272	265	268	265	193	242
9	383	343	367	303	137	220	274	271	272	250	237	245
10	384	284	375	378	198	270	272	269	271	252	239	244
11	284	201	216	224	206	219	278	268	273	251	234	242
12	---	---	---	235	224	229	281	274	279	236	229	232
13	---	---	---	244	235	240	299	280	289	236	228	232
14	---	---	---	244	240	242	306	282	294	232	229	230
15	---	---	---	249	242	246	292	268	275	233	229	232
16	---	---	---	254	211	243	312	233	281	244	230	235
17	---	---	---	252	208	224	261	215	246	234	227	229
18	---	---	---	297	213	249	256	248	252	230	195	216
19	---	---	---	213	187	194	254	250	252	212	159	181
20	---	---	---	208	189	200	260	253	255	160	131	140
21	---	---	---	224	207	216	273	258	262	143	134	138
22	---	---	---	229	223	227	276	266	273	147	142	145
23	---	---	---	238	229	234	280	275	279	151	145	148
24	174	165	171	252	214	235	288	278	281	156	151	155
25	178	141	171	245	219	229	287	278	282	164	156	160
26	179	169	176	269	245	259	286	280	283	171	164	168
27	183	178	180	271	255	264	293	253	279	178	171	175
28	187	180	184	255	247	251	272	249	261	183	178	181
29	190	185	188	251	245	248	268	255	261	199	161	187
30	273	141	185	249	244	246	272	249	260	176	150	170
31	147	141	144	---	---	---	286	252	276	180	169	173
MONTH	384	141	211	378	137	235	312	215	267	309	131	217

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.0	19.1	20.9	20.9	17.9	19.3	8.5	6.7	7.6	2.5	1.9	2.1
2	21.5	19.0	20.6	21.0	17.9	19.3	9.2	8.1	8.7	2.0	1.2	1.7
3	25.8	19.4	22.6	20.6	18.2	19.3	9.0	7.5	8.1	1.8	.7	1.3
4	---	---	---	19.1	18.4	18.8	7.5	6.4	6.9	2.2	1.0	1.6
5	---	---	---	19.2	18.2	18.7	6.8	5.8	6.3	3.0	1.5	2.2
6	21.9	20.6	21.3	18.9	18.3	18.7	6.5	5.6	6.0	3.5	2.0	2.7
7	20.6	17.7	19.2	19.8	18.8	19.3	6.7	5.1	5.8	5.4	2.8	3.8
8	17.7	15.0	16.1	21.0	19.6	20.4	7.1	5.5	6.3	6.7	5.2	5.9
9	15.3	13.4	14.3	21.1	19.4	20.4	8.4	6.6	7.5	5.2	3.7	4.2
10	15.9	11.5	13.5	19.4	17.2	18.4	9.1	8.1	8.6	4.0	2.5	3.3
11	17.9	11.4	13.8	17.2	15.0	15.8	10.1	8.9	9.4	4.4	3.0	3.4
12	---	---	---	15.0	13.6	14.2	9.9	7.4	8.4	5.0	4.4	4.8
13	---	---	---	13.8	13.0	13.4	7.8	6.5	6.8	6.2	4.8	5.4
14	---	---	---	13.1	10.9	12.1	7.8	7.5	7.7	5.8	5.5	5.6
15	---	---	---	11.4	9.6	10.4	8.5	7.4	7.9	7.0	5.8	6.4
16	---	---	---	11.3	10.3	10.7	11.6	8.5	10.1	6.5	6.1	6.2
17	---	---	---	11.9	11.0	11.4	11.1	6.9	8.8	6.6	6.1	6.3
18	---	---	---	11.0	9.8	10.4	6.9	5.5	6.1	8.0	6.6	7.3
19	---	---	---	10.3	9.6	9.9	6.2	3.9	5.4	9.8	7.7	8.8
20	---	---	---	9.8	9.0	9.4	3.9	2.6	3.2	9.1	7.7	8.7
21	---	---	---	9.0	7.3	8.1	3.8	2.9	3.4	7.7	6.3	7.0
22	---	---	---	7.3	6.1	6.8	3.2	2.0	2.5	6.3	5.3	5.8
23	---	---	---	8.5	7.2	7.8	2.6	1.3	2.0	5.8	4.6	5.3
24	21.0	17.7	19.0	10.0	8.1	8.6	4.0	2.6	3.4	6.1	5.1	5.6
25	21.1	17.6	19.1	10.9	10.0	10.5	4.0	2.7	3.4	5.7	4.9	5.3
26	20.8	17.9	19.1	10.8	10.0	10.4	5.2	4.0	4.6	5.3	3.8	4.7
27	20.6	17.5	18.9	10.1	8.7	9.3	5.9	5.0	5.3	6.8	5.0	5.8
28	20.5	17.5	19.1	9.1	8.1	8.6	6.1	5.1	5.8	7.0	5.4	6.3
29	20.1	17.7	18.9	9.3	8.5	8.8	5.1	4.3	4.7	10.3	6.8	7.9
30	20.8	17.8	19.4	8.6	7.5	8.0	4.7	2.8	3.9	10.3	7.6	8.5
31	21.0	18.2	19.4	---	---	---	3.9	1.4	2.2	9.6	8.3	8.9
MONTH	25.8	11.4	18.5	21.1	6.1	13.2	11.6	1.3	6.0	10.3	.7	5.3
FEBRUARY			MARCH			APRIL			MAY			
1	9.4	8.5	9.0	13.9	12.2	13.1	13.6	11.3	12.4	21.1	20.1	20.6
2	9.1	8.0	8.7	14.3	13.4	13.8	14.9	11.7	13.3	21.8	19.9	20.8
3	8.3	7.3	7.8	14.2	13.8	14.0	15.1	13.7	14.1	21.8	19.3	20.6
4	8.6	7.0	7.9	13.9	12.5	13.4	14.4	13.7	13.8	22.2	19.5	21.0
5	8.5	6.8	7.8	12.5	11.5	12.0	14.2	13.8	14.0	22.1	20.3	21.4
6	8.3	6.2	7.5	11.7	10.7	11.2	15.9	14.2	14.9	22.5	20.7	21.7
7	8.9	6.8	8.0	11.8	10.2	11.0	17.0	15.7	16.3	23.4	21.2	22.2
8	9.9	7.7	8.9	11.9	10.0	11.0	18.3	16.7	17.4	23.2	21.4	22.3
9	12.1	9.5	10.6	11.7	10.7	11.2	19.1	17.9	18.4	22.8	21.5	22.2
10	12.7	9.3	10.9	12.1	9.7	10.9	20.4	18.5	19.4	22.8	21.3	22.0
11	9.3	8.3	8.8	12.4	10.1	11.4	21.3	19.5	20.4	23.1	21.0	22.1
12	10.0	9.2	9.7	13.2	12.0	12.4	22.0	20.2	21.1	23.2	21.7	22.6
13	9.9	9.3	9.6	13.7	12.5	13.0	21.4	20.7	21.1	23.8	22.0	22.8
14	10.4	9.6	10.0	13.4	12.8	13.0	20.7	20.0	20.4	23.6	21.0	22.3
15	12.4	10.4	11.5	13.3	12.6	13.0	20.4	18.9	19.8	24.4	21.2	22.8
16	14.5	12.0	13.1	13.7	13.0	13.3	19.5	18.5	19.1	25.1	22.3	23.8
17	13.3	11.5	12.6	13.6	12.6	13.1	18.7	17.3	18.1	26.2	23.1	24.6
18	11.5	10.2	11.0	13.6	12.2	12.9	17.4	15.9	16.7	26.8	23.5	25.0
19	10.8	9.3	10.1	12.7	10.9	11.9	17.1	15.1	16.2	25.8	24.0	24.8
20	10.8	9.5	10.1	10.9	9.2	9.7	17.1	15.3	16.2	26.0	24.1	25.0
21	11.9	10.3	11.0	10.4	9.4	9.9	18.6	16.4	17.5	25.6	24.1	24.9
22	12.5	11.9	12.1	11.5	10.1	10.8	19.6	17.5	18.5	24.6	22.0	23.1
23	13.1	11.4	12.2	12.9	11.1	12.0	20.4	18.5	19.4	22.5	20.2	21.5
24	13.0	12.0	12.4	13.1	12.2	12.7	19.9	18.3	19.1	23.4	21.6	22.4
25	13.7	13.0	13.5	13.4	12.1	12.7	19.8	17.1	18.4	23.3	20.6	22.2
26	13.7	12.8	13.2	12.8	11.3	12.1	19.3	16.6	18.2	23.6	21.1	22.3
27	13.1	12.5	12.9	12.5	10.6	11.6	19.6	17.1	18.5	24.5	21.9	23.1
28	13.0	12.4	12.6	11.7	10.5	11.0	20.3	18.5	19.4	24.4	22.9	23.6
29	---	---	---	11.3	10.8	11.0	20.9	19.2	20.0	24.5	22.9	23.7
30	---	---	---	11.6	10.8	11.2	21.5	19.7	20.5	24.9	22.6	23.8
31	---	---	---	12.2	11.3	11.7	---	---	---	24.4	23.1	23.7
MONTH	14.5	6.2	10.5	14.3	9.2	12.0	22.0	11.3	17.8	26.8	19.3	22.7

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.0	22.6	23.4	26.8	24.7	25.8	29.7	27.2	28.3	24.1	22.0	23.3
2	23.4	22.5	22.8	27.6	25.0	26.3	29.5	27.0	28.2	24.2	23.6	24.0
3	23.6	22.3	23.0	27.3	26.2	26.9	29.8	26.6	28.1	23.9	22.7	23.1
4	23.9	22.8	23.3	27.5	25.8	26.8	29.0	27.3	28.0	23.1	22.5	22.8
5	24.1	23.0	23.5	27.2	25.5	26.4	29.8	27.0	28.1	23.6	22.6	23.0
6	24.9	23.2	24.1	26.8	25.0	25.9	27.6	25.6	26.6	24.5	23.5	24.0
7	24.8	23.9	24.4	27.0	25.1	26.1	26.4	25.1	25.8	25.2	24.4	24.7
8	24.1	22.8	23.7	28.2	25.7	26.8	25.5	24.1	24.8	25.9	24.5	25.2
9	24.0	21.9	23.4	28.6	26.6	27.7	25.9	25.0	25.4	25.6	24.8	25.2
10	25.3	23.5	24.4	28.9	27.4	28.1	27.0	25.2	26.0	26.0	25.0	25.5
11	25.0	24.5	24.7	29.3	27.1	28.3	26.3	25.2	25.7	25.9	24.6	25.3
12	25.5	23.9	24.6	29.5	27.3	28.5	25.7	23.3	24.9	26.1	25.0	25.6
13	26.5	24.4	25.4	29.0	27.6	28.4	26.1	25.3	25.7	26.3	24.7	25.6
14	27.3	25.2	26.2	27.6	26.0	26.9	26.9	25.1	26.1	25.8	24.2	25.1
15	27.3	25.5	26.4	27.6	25.7	26.7	27.2	25.2	26.2	25.2	23.9	24.4
16	27.7	25.8	26.7	27.5	25.9	26.8	27.6	25.8	26.7	24.0	22.6	23.3
17	27.0	24.9	26.1	28.3	25.9	27.1	27.3	26.2	26.7	23.1	21.9	22.4
18	27.8	25.7	26.7	28.5	26.2	27.3	27.5	26.5	27.0	22.7	21.5	22.1
19	28.1	26.1	27.0	28.9	26.5	27.5	27.0	25.7	26.5	23.0	22.2	22.6
20	28.3	26.0	27.1	28.4	24.9	27.4	27.4	25.8	26.5	23.7	22.3	22.9
21	28.4	26.0	27.2	27.4	25.4	26.9	26.8	24.9	26.0	22.8	21.4	22.2
22	27.4	22.8	25.2	27.0	25.9	26.4	27.5	25.0	26.2	22.9	21.4	22.2
23	24.4	22.9	23.7	27.9	25.3	26.5	27.6	25.3	26.5	23.1	21.9	22.5
24	24.6	22.4	23.5	28.2	25.8	27.0	27.8	25.6	26.7	22.8	21.2	22.3
25	25.4	23.3	24.3	28.3	26.8	27.4	28.1	26.1	27.0	21.2	19.5	20.2
26	25.9	23.5	24.8	28.4	26.4	27.2	28.8	26.2	27.3	19.5	18.1	18.8
27	25.6	23.7	24.8	28.4	26.4	27.4	28.9	26.4	27.4	19.0	17.2	18.2
28	25.0	23.4	24.1	29.2	26.9	27.9	27.0	26.2	26.6	19.1	17.3	18.3
29	25.7	24.2	24.9	29.5	27.4	28.2	26.3	25.4	26.0	19.2	17.6	18.5
30	26.5	24.9	25.6	29.2	27.4	28.3	25.6	25.0	25.3	19.1	17.4	18.4
31	---	---	---	29.6	27.5	28.4	25.1	22.4	24.1	---	---	---
MONTH	28.4	21.9	24.8	29.6	24.7	27.2	29.8	22.4	26.5	26.3	17.2	22.7
YEAR	29.8	.7	17.3									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	8.6	6.0	7.6	7.2	4.9	6.0	8.9	8.7	8.8	14.8	14.1	14.4
2	9.8	5.9	7.5	7.4	4.2	6.0	8.7	8.6	8.6	15.1	14.3	14.7
3	10.0	5.9	8.0	7.2	4.7	6.0	8.9	8.3	8.6	15.2	14.5	14.9
4	---	---	---	6.7	4.5	5.7	9.1	8.9	9.0	15.1	14.5	14.9
5	---	---	---	7.0	4.5	5.7	9.4	9.0	9.2	14.9	14.4	14.7
6	6.8	4.9	6.1	5.8	4.4	5.1	9.5	9.3	9.4	14.6	13.9	14.3
7	7.0	4.4	5.6	5.2	4.0	4.8	9.6	9.4	9.5	14.5	12.9	14.0
8	8.9	6.8	7.9	6.7	4.4	5.3	9.6	8.9	9.5	12.9	11.8	12.3
9	9.6	8.0	8.6	7.9	5.4	7.2	9.6	8.6	9.3	13.7	12.5	13.2
10	10.8	8.1	9.1	8.6	7.9	8.4	9.3	8.7	9.0	14.4	13.3	13.8
11	10.9	7.9	9.3	8.7	8.6	8.6	10.5	8.6	9.7	13.9	12.9	13.4
12	---	---	---	8.8	8.6	8.7	11.0	10.0	10.5	13.2	12.6	12.9
13	---	---	---	8.6	6.9	8.1	11.5	11.0	11.3	14.0	12.6	13.2
14	---	---	---	8.4	7.5	8.1	11.3	10.8	11.1	13.4	12.4	12.9
15	---	---	---	8.7	7.8	8.3	10.8	10.3	10.5	13.3	12.2	12.8
16	---	---	---	9.3	6.9	8.3	10.6	9.7	10.2	13.2	12.2	12.7
17	---	---	---	9.4	7.7	8.6	11.5	9.8	10.5	13.2	12.3	12.7
18	---	---	---	8.8	8.1	8.4	12.5	11.5	12.0	12.4	11.8	12.0
19	---	---	---	9.0	8.7	8.8	12.9	12.0	12.4	11.9	11.1	11.5
20	---	---	---	9.2	8.8	9.0	13.5	12.9	13.2	12.1	11.4	11.7
21	---	---	---	9.8	9.2	9.5	13.5	13.2	13.3	12.7	12.1	12.4
22	---	---	---	10.2	9.7	9.9	13.7	13.2	13.5	13.0	12.7	12.9
23	---	---	---	9.9	9.6	9.7	14.1	13.7	13.9	13.4	12.9	13.1
24	8.3	5.2	6.9	9.6	9.1	9.5	14.1	13.5	13.8	13.2	12.9	13.0
25	8.2	5.1	6.7	9.1	8.8	8.9	13.8	13.4	13.6	13.3	13.0	13.1
26	8.4	5.4	6.8	9.4	8.8	9.2	13.6	13.0	13.4	13.6	13.0	13.3
27	8.0	5.3	6.6	9.9	9.3	9.7	13.3	12.2	12.7	13.3	12.6	13.0
28	7.9	5.3	6.6	10.2	9.9	10.1	12.2	11.6	11.9	13.2	12.5	12.8
29	8.0	5.8	7.0	10.2	8.4	9.2	12.9	12.0	12.4	12.6	11.0	12.2
30	7.4	5.7	6.6	8.8	8.5	8.6	13.5	12.7	13.1	12.6	11.0	12.0
31	7.3	4.9	6.2	---	---	---	14.7	13.3	14.0	12.1	11.6	11.9
MONTH	10.9	4.4	7.2	10.2	4.0	8.0	14.7	8.3	11.2	15.2	11.0	13.1

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL--Continued

OXYGEN DISSOLVED (MG/L). WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	11.8	8.2	10.0	10.9	10.2	10.6	10.9	10.5	10.8	6.8	5.8	6.2
2	8.9	8.1	8.4	10.3	9.9	10.2	11.4	10.5	10.8	6.6	5.7	6.1
3	9.3	8.6	9.0	10.1	9.9	10.0	10.7	9.9	10.5	6.8	5.7	6.2
4	9.5	8.9	9.1	10.4	10.0	10.2	10.3	9.9	10.0	6.7	5.6	6.1
5	9.8	8.8	9.2	10.9	10.4	10.8	10.8	10.2	10.6	6.5	5.4	6.0
6	10.0	9.1	9.5	11.2	10.9	11.0	10.8	10.2	10.5	6.4	5.4	5.9
7	10.2	8.9	9.4	11.2	10.8	11.0	10.2	9.9	10.2	6.5	5.0	5.9
8	10.5	8.9	9.5	11.1	10.7	11.0	9.9	9.4	9.8	6.2	5.2	5.6
9	10.3	8.3	9.1	10.9	10.6	10.7	9.5	9.1	9.3	6.3	5.2	5.8
10	9.1	7.5	8.5	11.2	10.7	11.0	9.2	8.7	9.0	6.5	5.6	6.0
11	10.5	8.8	9.5	11.2	10.6	10.9	8.9	7.6	8.6	6.6	5.9	6.3
12	9.1	8.4	8.7	10.6	10.0	10.4	7.7	7.1	7.4	6.4	5.6	6.0
13	9.3	8.4	8.9	10.6	10.2	10.4	---	---	---	6.6	5.4	6.0
14	9.1	8.8	9.0	10.5	10.2	10.4	---	---	---	6.7	5.7	6.1
15	8.9	8.3	8.7	10.5	10.1	10.3	---	---	---	6.6	5.6	6.0
16	8.6	7.7	8.2	10.4	10.2	10.3	---	---	---	7.4	4.8	5.6
17	8.8	8.1	8.5	10.6	10.3	10.5	9.5	7.5	8.5	---	---	---
18	9.3	8.8	9.1	10.8	10.5	10.7	10.0	9.2	9.6	---	---	---
19	9.6	9.1	9.4	11.1	10.5	10.8	10.2	9.1	9.8	---	---	---
20	12.1	9.2	10.4	11.6	11.1	11.4	10.0	8.3	9.6	---	---	---
21	11.8	11.1	11.6	11.4	11.2	11.4	9.7	8.9	9.4	---	---	---
22	11.3	10.8	11.0	11.5	11.1	11.4	9.3	7.7	8.7	6.5	5.2	5.8
23	11.5	10.8	11.1	11.1	10.8	11.0	8.9	7.4	8.3	7.2	6.2	6.5
24	11.3	10.6	10.9	10.8	10.6	10.7	8.2	7.5	7.8	6.9	6.0	6.4
25	10.8	10.2	10.5	10.9	10.6	10.7	8.4	6.0	7.3	6.7	6.0	6.3
26	10.9	10.6	10.8	11.1	10.6	10.9	6.8	5.9	6.2	7.1	6.2	6.6
27	10.7	10.6	10.7	11.2	10.8	11.0	6.6	5.8	6.2	7.1	5.9	6.5
28	10.9	10.6	10.7	11.2	10.8	11.1	6.5	5.6	6.0	6.4	5.5	6.0
29	---	---	---	11.1	10.9	11.0	6.3	5.4	5.9	7.3	6.2	6.8
30	---	---	---	11.0	10.8	10.9	6.5	5.3	6.0	7.8	6.9	7.3
31	---	---	---	10.9	10.8	10.8	---	---	---	7.8	6.9	7.2
MONTH	12.1	7.5	9.6	11.6	9.9	10.8	11.4	5.3	8.7	7.8	4.8	6.2
JUNE				JULY			AUGUST			SEPTEMBER		
1	7.7	7.1	7.5	6.4	5.7	6.1	6.6	5.2	5.9	8.2	7.9	8.1
2	8.1	7.7	7.9	6.2	5.6	6.0	6.6	5.4	6.0	8.1	7.8	8.0
3	7.9	7.5	7.7	6.0	5.2	5.7	7.2	5.5	6.3	8.3	7.4	7.9
4	7.8	7.4	7.6	6.6	5.5	6.0	6.7	5.6	6.0	8.3	7.4	7.8
5	8.0	7.4	7.6	6.9	6.0	6.5	7.0	5.6	6.1	8.3	8.2	8.3
6	7.8	7.2	7.5	7.3	6.6	7.1	6.4	5.5	5.9	8.2	8.1	8.2
7	7.6	7.1	7.3	7.5	7.0	7.2	7.2	6.4	6.9	8.1	7.9	8.0
8	8.1	7.3	7.8	7.1	6.6	6.9	7.5	6.9	7.1	8.0	7.7	7.9
9	8.3	8.0	8.1	6.9	6.3	6.6	7.0	6.6	6.8	7.8	7.5	7.7
10	8.1	7.8	8.0	6.8	6.1	6.4	7.1	6.1	6.6	7.7	7.4	7.5
11	8.0	7.7	7.8	6.9	5.9	6.4	7.4	6.1	6.5	7.6	7.2	7.5
12	8.0	7.4	7.8	6.9	6.3	6.5	7.7	6.3	7.3	7.5	7.2	7.3
13	7.8	7.0	7.4	6.8	6.1	6.4	7.4	7.1	7.3	7.5	7.2	7.3
14	7.6	6.7	7.2	6.8	6.2	6.5	7.6	7.1	7.5	7.6	7.1	7.3
15	7.5	6.7	7.1	6.8	6.2	6.5	7.4	7.1	7.3	7.7	7.2	7.4
16	7.7	6.9	7.2	6.9	6.0	6.4	7.3	5.8	6.9	8.1	7.4	7.8
17	7.6	6.8	7.1	7.0	6.0	6.5	6.7	5.8	6.5	8.1	7.6	7.9
18	7.3	6.4	6.9	7.1	6.0	6.5	6.8	6.2	6.5	8.2	7.8	8.0
19	7.3	5.8	6.6	7.3	6.0	6.6	7.3	6.2	6.9	8.0	7.7	7.8
20	6.4	5.4	5.8	6.8	6.0	6.4	7.4	6.8	7.1	8.1	7.6	7.8
21	6.6	5.2	5.8	6.8	6.4	6.6	7.4	6.9	7.1	8.2	7.8	7.9
22	7.2	5.0	5.8	6.7	6.2	6.5	7.1	6.7	6.8	8.2	7.7	8.0
23	7.0	6.6	6.9	6.5	4.1	6.1	6.9	6.3	6.6	8.2	7.7	7.9
24	6.9	6.6	6.8	6.6	5.5	6.1	6.9	6.2	6.5	7.9	7.4	7.7
25	6.8	6.3	6.6	6.9	5.4	6.0	6.8	6.0	6.4	8.6	7.9	8.3
26	6.7	6.2	6.4	6.1	5.1	5.7	6.7	5.9	6.3	9.1	8.5	8.7
27	6.9	6.1	6.5	6.6	5.3	5.9	6.6	5.9	6.2	9.1	8.8	8.9
28	6.3	6.0	6.2	6.6	5.8	6.1	6.5	5.7	6.1	9.2	8.7	8.9
29	6.4	6.1	6.2	6.5	5.8	6.1	6.2	5.7	5.9	9.1	8.6	8.8
30	6.2	5.8	6.0	6.5	5.3	5.9	6.4	5.6	6.0	9.3	8.6	8.9
31	---	---	---	6.3	5.4	5.8	8.1	5.8	6.9	---	---	---
MONTH YEAR	8.3 15.2	5.0 4.0	7.0 8.7	7.5	4.1	6.3	8.1	5.2	6.6	9.3	7.1	8.0

MOBILE RIVER BASIN

02423500 CAHABA RIVER NEAR ACTON, AL

LOCATION.--Lat 33°21'48", long 86°48'47", in SE $\frac{1}{4}$ sec. 23, T. 19 S., R. 3 W., Jefferson County, Hydrologic Unit 03150202 on right bank at downstream side of highway bridge (Bains Bridge), 0.5 mi upstream from Patton Creek, 1 mi downstream from U.S. Highway 31, 1 mi northwest of Acton, 16 mi south of Birmingham, and at mile 136.8.

DRAINAGE AREA.--230 mi².

PERIOD OF RECORD.--October 1938 to September 1957, October 1983 to current year.

REVISED RECORDS.--WSP 1384: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 375.00 ft above sea level. Prior to Feb. 25, 1939, wire-weight gage at same site and datum.

REMARKS.--Estimated daily discharges: Oct. 1-6. Records good. Flow is diverted above station by Birmingham Water Works Board, and is not included in record except about 15 ft³/s, which is returned to river above station. Flow partly regulated by Purdy Lake (capacity 15,300 acre-ft) on Little Cahaba River. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e18	14	50	37	354	530	420	98	403	161	27	1380
2	e19	14	47	37	236	532	320	63	504	167	25	776
3	e17	15	38	37	188	1190	957	65	260	103	25	5520
4	e15	16	36	35	135	2250	10100	52	193	199	26	8960
5	e14	16	30	35	122	1440	7010	50	187	186	24	4720
6	e45	18	29	35	98	896	2250	56	121	363	74	1550
7	39	29	28	66	101	652	1290	57	156	236	323	830
8	34	61	28	289	94	508	957	76	887	141	102	573
9	19	1200	27	168	115	419	738	113	1380	95	66	408
10	13	669	27	112	381	342	589	193	562	86	79	273
11	12	153	27	107	226	286	489	192	338	138	84	210
12	11	62	46	128	194	884	388	102	312	103	648	179
13	11	34	42	97	974	1790	433	75	173	71	342	146
14	11	26	57	81	1220	1070	487	64	123	46	890	127
15	11	24	36	82	723	3090	844	45	125	36	307	160
16	13	56	92	95	675	2220	985	45	140	34	146	111
17	13	104	144	125	1220	1140	642	37	98	30	92	91
18	12	111	107	286	815	784	473	33	74	29	106	89
19	14	271	73	1490	565	716	370	32	74	29	212	91
20	15	191	67	1690	401	4350	303	43	54	181	136	81
21	15	132	60	741	321	5020	264	112	38	288	78	83
22	15	82	51	449	285	1900	199	137	391	75	43	82
23	15	62	39	294	347	1150	165	96	881	57	34	83
24	15	80	43	217	284	829	154	71	308	47	32	87
25	15	135	36	166	583	644	150	88	153	51	30	95
26	15	111	37	127	907	507	121	69	100	47	29	85
27	15	79	59	99	650	426	98	60	422	45	29	73
28	15	74	70	82	622	348	88	57	312	32	29	69
29	15	65	62	138	---	368	89	150	214	35	28	62
30	16	58	57	779	---	502	90	136	153	37	30	58
31	15	---	43	602	---	476	---	110	---	30	910	---
TOTAL	522	3962	1588	8726	12836	37259	31463	2577	9136	3178	5006	27052
MEAN	16.8	132	51.2	281	458	1202	1049	83.1	305	103	161	902
MAX	45	1200	144	1690	1220	5020	10100	193	1380	363	910	8960
MIN	11	14	27	35	94	286	88	32	38	29	24	58
CFSM	.07	.57	.22	1.22	1.99	5.23	4.56	.36	1.32	.45	.70	3.92
IN.	.08	.64	.26	1.41	2.08	6.03	5.09	.42	1.48	.51	.81	4.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

	MEAN	70.0	199	356	632	752	796	534	186	143	163	105	103
MAX	760	1880	1922	1717	1974	1652	1479	768	1197	1236	812	902	
(WY)	1996	1949	1984	1949	1990	1951	2000	1991	1997	1940	1941	2001	
MIN	.13	3.45	16.9	26.5	116	65.8	10.7	20.0	4.83	6.74	1.21	.010	
(WY)	1955	1954	1939	1986	2000	1986	1986	1942	1956	1952	1956	1954	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1939 - 2001
ANNUAL TOTAL	94265	143305	
ANNUAL MEAN	258	393	
HIGHEST ANNUAL MEAN			334
LOWEST ANNUAL MEAN			652
HIGHEST DAILY MEAN	14300	10100	60.2
LOWEST DAILY MEAN	11	11	18900
ANNUAL SEVEN-DAY MINIMUM	12	12	.00
MAXIMUM PEAK FLOW		12100	.00
MAXIMUM PEAK STAGE		30.85	25500
ANNUAL RUNOFF (CFSM)	1.12	1.71	44.25
ANNUAL RUNOFF (INCHES)	15.25	23.18	1.45
10 PERCENT EXCEEDS	452	885	19.76
50 PERCENT EXCEEDS	42	102	802
90 PERCENT EXCEEDS	20	25	84
			7.2

e Estimated

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 33°18'48", long 86°48'23", in NW¹/₄ sec. 12, T. 20 N., R. 3 E., Shelby County, Hydrologic Unit 03150221, on upstream side of Cross Creek Road at Pelham.
DRAINAGE AREA.--25.6 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.-- December 1998 to present.

GAGE.--Water-stage recorder. Datum of gage is 440 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges: July 12-19. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.4	5.8	6.8	7.9	33	41	36	19	123	17	8.9	112
2	4.6	6.3	7.0	7.7	27	59	31	17	64	13	7.9	60
3	4.6	6.2	6.9	7.3	23	158	134	16	40	14	12	831
4	4.4	5.3	7.2	7.4	22	219	345	15	32	10	14	594
5	4.1	5.8	7.2	7.4	19	128	207	14	30	12	15	219
6	24	6.9	6.5	7.9	17	87	130	14	26	16	30	119
7	6.0	8.7	7.5	15	16	66	91	13	26	15	50	78
8	4.2	20	7.4	22	15	53	68	16	114	14	24	60
9	5.0	92	6.9	11	33	46	54	16	494	14	11	46
10	5.2	9.1	7.6	9.4	63	40	45	30	158	22	15	38
11	6.0	5.8	8.6	11	40	34	36	26	84	16	26	33
12	5.0	6.0	6.1	12	40	127	29	20	67	e13	42	29
13	4.2	6.0	9.0	9.8	50	143	37	17	50	e13	167	26
14	3.8	5.7	9.7	10	48	97	34	14	37	e12	211	23
15	4.7	5.4	7.7	10	42	353	64	13	43	e11	54	21
16	4.7	14	14	11	73	174	45	12	38	e11	34	20
17	4.7	12	12	16	113	112	37	11	29	e10	27	19
18	4.9	11	7.1	24	74	85	32	11	20	e9.7	30	18
19	4.7	27	6.5	110	56	95	38	12	16	e9.2	22	17
20	5.4	9.7	6.1	62	45	506	47	15	14	53	18	15
21	5.7	8.1	8.2	32	38	284	47	17	13	51	16	14
22	5.5	6.9	7.6	24	34	160	39	26	53	16	14	13
23	5.9	6.4	6.8	20	30	110	33	16	27	12	12	13
24	5.1	14	6.5	18	27	83	29	14	17	9.1	11	14
25	5.9	17	6.7	16	42	66	28	32	14	13	10	13
26	7.0	8.6	6.6	14	42	53	24	17	13	8.3	9.3	11
27	7.1	7.4	11	13	41	44	22	20	15	7.5	8.6	11
28	7.1	6.7	12	12	46	38	22	26	35	7.3	7.7	11
29	6.4	7.0	9.3	30	—	41	26	41	16	7.4	7.7	10
30	5.6	7.3	8.0	61	—	57	22	38	13	8.0	7.9	10
31	5.1	---	8.1	39	---	43	---	49	---	8.3	107	---
TOTAL	181.0	358.1	248.6	657.8	1149	3602	1832	617	1721	452.8	1030.0	2498
MEAN	5.84	11.9	8.02	21.2	41.0	116	61.1	19.9	57.4	14.6	33.2	83.3
MAX	24	92	14	110	113	506	345	49	494	53	211	831
MIN	3.8	5.3	6.1	7.3	15	34	22	11	13	7.3	7.7	10
CFSM	.23	.47	.31	.83	1.60	4.54	2.39	.78	2.24	.57	1.30	3.25
IN.	.26	.52	.36	.96	1.67	5.23	2.66	.90	2.50	.66	1.50	3.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

	MEAN	8.00	11.8	14.2	36.4	41.0	89.1	78.4	17.1	34.9	17.7	16.3	32.1
	MAX	10.3	12.7	20.9	66.4	64.5	116	139	19.9	57.4	30.2	33.2	83.3
(WY)	2000	1999	1999	1999	1999	1999	2001	2000	2001	2001	1999	2001	2001
	MIN	5.84	10.6	8.02	21.2	18.4	73.7	34.9	13.1	9.45	8.32	6.64	4.39
(WY)	2001	2000	2001	2001	2001	2000	1999	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1998 - 2001		
ANNUAL TOTAL	9848.9			14347.3					
ANNUAL MEAN	26.9			39.3			33.0		
HIGHEST ANNUAL MEAN							39.3		
LOWEST ANNUAL MEAN							27.7		
HIGHEST DAILY MEAN	1410			831			1410		
LOWEST DAILY MEAN	2.7			3.8			2.7		
ANNUAL SEVEN-DAY MINIMUM	3.1			4.5			3.1		
MAXIMUM PEAK FLOW				1290			1650		
MAXIMUM PEAK STAGE				9.42			10.89		
ANNUAL RUNOFF (CFSM)	1.05			1.54			1.29		
ANNUAL RUNOFF (INCHES)	14.31			20.85			17.49		
10 PERCENT EXCEEDS	38			84			63		
50 PERCENT EXCEEDS	9.1			16			14		
90 PERCENT EXCEEDS	4.7			6.2			6.4		

e Estimated

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
OCT													
25...	1210	18.7	24.0	760	2.15	3.6	378	386	6.5	70	E.039	7.9	7.8
NOV													
07...	1250	19.5	22.0	752	2.17	8.2	356	370	5.3	59	.392	7.8	7.6
20...	1130	10.2	11.0	760	2.23	11	337	337	9.3	83	E.044	7.9	7.9
DEC													
04...	1200	8.7	8.5	764	2.18	7.9	396	398	10.9	93	--	8.1	8.0
28...	1100	8.5	4.0	749	2.31	12	327	348	9.1	79	.177	7.5	7.9
JAN													
08...	1110	8.2	7.0	754	2.40	23	312	316	10.0	86	.156	8.0	7.7
FEB													
21...	1145	14.6	21.5	759	2.60	40	214	219	10.5	104	<.081	8.0	7.8
MAR													
20...	1300	9.2	6.0	748	6.38	608	85	88	10.0	89	E.017	7.2	7.2
APR													
04...	1240	15.2	22.5	757	4.69	311	117	120	8.7	87	E.016	7.3	7.6
MAY													
10...	0815	19.7	19.0	758	2.50	13	319	327	5.8	64	.289	7.9	7.6
JUN													
28...	1030	22.8	27.5	761	2.61	23	317	316	7.7	90	.075	8.0	8.0
JUL													
23...	1110	23.9	29.5	755	2.60	12	304	306	6.7	80	<.010	7.7	7.8
AUG													
23...	1110	22.6	28.5	762	2.54	14	366	357	7.5	87	<.010	8.0	8.0
SEP													
26...	1040	16.5	22.0	756	2.55	12	357	356	9.3	96	.029	8.0	7.8

DATE	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)
OCT											
25...	--	196	160	--	--	2.7	2.7	--	--	<.041	.011
NOV											
07...	.0	174	143	220	200	3.5	3.3	--	--	<.041	.016
20...	.0	171	140	--	260	2.2	2.1	--	--	<.041	.006
DEC											
04...	--	188	154	--	--	3.6	3.6	--	--	<.041	.008
28...	--	240	197	--	--	2.8	2.8	--	--	<.041	.013
JAN											
08...	.0	235	193	--	200	1.9	1.8	--	--	<.041	.008
FEB											
21...	--	117	96	--	96	.81	.76	--	--	<.041	.011
MAR											
20...	.0	37	30	--	1100	.96	.49	--	--	<.041	E.004
APR											
04...	--	52	43	--	670	.75	.56	.36	.18	.054	.007
MAY											
10...	.0	158	130	--	130	2.6	2.6	--	--	<.041	.015
JUN											
28...	.0	165	135	--	280	1.1	1.00	--	--	<.040	.018
JUL											
23...	--	146	120	--	--	1.4	1.4	--	--	E.024	E.005
AUG											
23...	--	182	149	--	--	2.1	2.0	--	--	<.040	E.005
SEP											
26...	--	187	153	--	130	2.1	2.0	--	--	<.040	.006

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR- TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE ORTHO DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
OCT 25...	2.43	.22	.27	2.44	--	10.8	.036	--	.478	.201	.197
NOV 07...	3.03	.29	.42	3.04	--	13.4	.053	--	.993	.398	--
20...	1.86	.20	.35	1.87	--	8.24	.020	--	.423	.186	.171
DEC 04...	3.37	.22	.26	3.38	--	14.9	.026	--	.448	.175	.176
28...	2.56	.21	.27	2.58	--	11.4	.043	--	.500	.192	.183
JAN 08...	1.58	.22	.30	1.59	--	7.01	.026	--	.294	.134	.111
FEB 21...	.610	.14	.19	.621	--	2.70	.036	.084	.055	.033	.023
MAR 20...	--	.18	.66	.304	--	--	--	.486	--	.148	.024
APR 04...	.320	.24	.42	.327	.07	1.42	.023	.218	--	.065	.020
MAY 10...	2.33	.22	.25	2.34	--	10.3	.049	<.022	.527	.191	.192
JUN 28...	.863	.12	.19	.881	--	3.82	.059	.041	.135	.077	.062
JUL 23...	--	.22	.25	1.19	--	--	--	.027	.166	.084	.067
AUG 23...	--	.14	.20	1.91	--	--	--	.024	.126	.072	.060
SEP 26...	1.90	.12	.15	1.91	--	8.42	.020	<.022	.135	.075	.068
DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	HARD- NESS TOTAL (MG/L AS CaCO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CaCO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS Ca) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS- SOLVED (MG/L AS Na) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)
OCT 25...	.156	2.5	.3	--	160	--	49.6	7.76	15.5	.5	17
NOV 07...	.324	3.5	.3	--	150	11	48.9	7.54	14.2	.5	16
20...	.138	2.6	.3	--	150	6	47.1	6.86	8.5	.3	11
DEC 04...	.146	2.2	.3	--	170	19	56.0	8.02	13.2	.4	14
28...	.163	2.3	.4	--	150	--	48.5	7.14	9.5	.3	12
JAN 08...	.096	--	--	--	140	--	46.6	6.41	6.0	.2	8
FEB 21...	.018	2.4	--	.6	100	5	33.2	4.46	3.2	.1	6
MAR 20...	E.016	3.5	--	4.9	35	5	10.7	2.06	1.6	.1	9
APR 04...	E.014	3.3	--	1.6	49	6	15.4	2.62	2.2	.1	9
MAY 10...	.172	2.3	--	.2	140	7	44.2	6.29	7.0	.3	10
JUN 28...	.044	1.8	--	.4	140	6	45.8	6.49	6.5	.2	9
JUL 23...	.054	2.3	--	.3	140	20	45.4	6.35	7.1	.3	10
AUG 23...	.041	1.4	--	.2	160	7	51.3	6.75	7.4	.3	9
SEP 26...	.044	1.7	--	.2	170	14	55.1	7.17	6.5	.2	8

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	MANGA- IRON, DIS- SOLVED (UG/L AS FE) (01046)	SOLIDS, RESIDUE NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, SUM OF AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 25...	3.31	12.8	12.6	.2	7.7	M	21.2	212	217	2.06	.29
NOV 07...	3.64	12.4	13.9	.2	8.0	M	24.4	216	209	4.78	.29
20...	2.74	8.0	15.1	.2	7.2	M	21.2	197	188	5.85	.27
DEC 04...	2.97	11.6	17.1	.2	7.8	<10	19.6	224	225	4.78	.30
28...	2.58	9.6	15.8	E.1	6.1	M	18.9	197	229	6.60	.27
JAN 08...	1.72	7.2	11.0	E.1	5.0	30	17.1	184	207	11.4	.25
FEB 21...	1.08	4.4	8.2	<.2	6.0	60	25.2	123	121	13.3	.17
MAR 20...	1.10	2.1	5.6	<.2	4.0	70	34.9	62	47	102	.08
APR 04...	1.22	2.5	8.0	<.2	4.8	40	13.0	68	64	57.1	.09
MAY 10...	1.99	6.7	11.3	<.2	6.4	30	18.0	187	173	6.51	.25
JUN 28...	1.66	6.4	11.3	E.1	7.4	10	26.4	174	171	10.9	.24
JUL 23...	2.49	7.3	14.1	E.1	7.8	20	31.1	175	168	5.86	.24
AUG 23...	2.29	7.9	14.7	<.2	7.9	10	23.0	216	196	8.11	.29
SEP 26...	1.80	8.1	11.1	E.1	8.2	20	18.1	206	199	6.67	.28

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)
OCT 25...	<.010	<.002	<.08	<.05	<.10	<.06	.041	<.015	<.07	E.02	E.012	<.018	<.003
NOV 07...	<.010	<.002	<.08	<.05	<.10	<.06	.645	E.014	<.07	E.02	E.009	<.018	<.003
20...	<.010	<.002	<.08	<.05	<.10	<.06	.736	<.015	E.04	<.06	E.009	<.018	<.003
JAN 08...	<.010	<.002	E.03	<.05	<.10	<.06	.139	E.005	<.07	<.06	E.009	<.018	<.003
FEB 21...	<.010	<.002	<.08	<.05	<.10	<.06	.213	<.015	E.05	<.06	E.007	<.018	<.003
MAR 20...	<.010	<.002	<.08	<.05	<.10	<.06	.309	<.015	E.04	.06	E.014	<.018	<.003
APR 04...	<.010	<.002	<.08	<.05	<.10	<.06	.245	<.015	E.04	<.06	E.011	<.018	<.003
MAY 10...	<.010	<.002	<.08	<.05	<.10	E.01	.038	E.009	<.07	<.06	E.009	<.018	<.003
JUN 28...	<.010	<.002	<.03	<.01	<.01	<.03	.026	E.004	<.04	E.01	<.028	<.018	<.003
JUL 23...	<.010	<.002	<.03	<.01	<.01	<.03	.020	E.009	<.04	<.01	E.005	<.018	<.003
AUG 23...	<.010	<.002	<.03	<.01	<.01	<.03	.029	E.006	E.02	<.01	E.008	<.018	<.003
SEP 26...	<.010	<.002	<.03	<.01	<.01	<.0022	.018	<.015	<.04	<.01	<.028	<.018	<.003

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER, FLTRD, REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
OCT 25...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
NOV 07...	<.005	<.003	<.10	<.07	.15	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
20...	<.005	<.003	<.10	<.07	E.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
JAN 08...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.01	<.02
FEB 21...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
MAR 20...	<.005	<.003	E.08	<.07	.26	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
APR 04...	<.005	<.003	E.09	<.07	.09	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
MAY 10...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	E.007	-	<.05	<.06	<.02
JUN 28...	<.005	<.003	<.01	<.01	E.01	<.01	<.01	<.01	<.017	<.01	<.02	<.03	<.01
JUL 23...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.003	<.017	<.01	<.02	<.03	<.01
AUG 23...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	<.03	<.01
SEP 26...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	<.03	<.01

PESTICIDE ANALYSES. WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)
OCT 25...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
NOV 07...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
NOV 20...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.007
JAN 08...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
FEB 21...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
MAR 20...	<.06	.07	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.055
APR 04...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.024
MAY 10...	<.06	M	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	E.020	E.030
JUN 28...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	E.018	E.015
JUL 23...	<.01	<.003	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	.039	<.010	<.011	E.025
AUG 23...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.009	E.022
SEP 26...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.009	E.012

DATE	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL- FURON WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	UREA 3/ 4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (61695)
OCT 25...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
NOV 07...	E.040	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
NOV 20...	<.103	E.012	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
JAN 08...	E.157	E.004	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
FEB 21...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	E.0259
MAR 20...	<.103	E.003	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	E.0182
APR 04...	<.103	E.008	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	E.0356
MAY 10...	E.030	<.057	<.065	<.088	<.064	E.015	<.064	--	<.11	<.0915	<.0482	<.0866	<.1060
JUN 28...	E.037	<.020	<.013	<.017	<.013	<.009	<.009	<.01	<.02	<.0242	<.0158	<.0110	<.0068
JUL 23...	<.009	<.002	<.013	<.017	<.013	<.009	<.004	<.01	<.02	<.0242	<.0158	<.0110	<.0068
AUG 23...	<.016	<.020	<.013	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
SEP 26...	<.016	<.020	<.013	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	METH- OMYL OXIME WATER FLTRD REC (UG/L) (61696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
OCT 25...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.005	<.002	<.016
NOV 07...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.016
NOV 20...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.016
JAN 08...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	E.009
FEB 21...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.016
MAR 20...	<.0102	<.1138	<.006	<.002	E.004	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.016
APR 04...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.016
MAY 10...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.016
JUN 28...	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.006
JUL 23...	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.016
AUG 23...	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.016
SEP 26...	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.006

DATE	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
OCT 25...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NOV 07...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NOV 20...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
JAN 08...	<.004	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
FEB 21...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
MAR 20...	<.002	<.005	E.004	<.020	<.017	<.004	<.021	<.002	<.011
APR 04...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
MAY 10...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
JUN 28...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
JUL 23...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
AUG 23...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
SEP 26...	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
OCT 25...	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
NOV 07...	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
20...	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JAN 08...	E.033	<.005	<.003	<.010	<.007	<.023	<.050	<.006
FEB 21...	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAR 20...	E.120	<.005	<.003	.020	<.007	<.023	<.050	<.006
APR 04...	E.016	<.005	<.003	.031	<.007	<.023	<.050	<.006
MAY 10...	E.014	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JUN 28...	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JUL 23...	E.008	<.005	<.003	<.020	<.007	<.023	<.050	<.006
AUG 23...	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
SEP 26...	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

VOLATILE ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-CHLORO- DI-METHANE TOTAL (UG/L) (32101)	CARBON TETRA-CHLO- RIDE TOTAL (UG/L) (32102)	1,2-DI- CHLORO-ETHANE TOTAL (UG/L) (32103)	BROMO- FORM TOTAL (UG/L) (32104)	CHLORO- DI-BROMO- METHANE TOTAL (UG/L) (32105)	CHLORO- FORM TOTAL (UG/L) (32106)	TOLUENE TOTAL (UG/L) (34010)	BENZENE TOTAL (UG/L) (34030)	ACRYLO- NITRILE TOTAL (UG/L) (34215)	CHLORO- BENZENE TOTAL (UG/L) (34301)	CHLORO- ETHANE TOTAL (UG/L) (34311)	ETHYL- BENZENE TOTAL (UG/L) (34371)
OCT 25...	<.05	<.05	<.06	<.1	<.06	<.2	E.08	E.02	<.04	<1	<.03	<.1	<.03
NOV 07...	<.05	<.05	<.06	<.1	<.06	<.2	.13	E.01	<.04	<1	<.03	<.1	<.03
20...	<.05	<.05	<.06	<.1	<.06	<.2	E.08	<.05	E.01	<1	<.03	<.1	<.03
DEC 04...	<.05	<.05	<.06	<.1	<.06	<.2	E.06	E.01	<.04	<1	<.03	<.1	<.03
28...	<.05	<.05	<.06	<.1	<.06	<.2	E.10	E.02	<.04	<1	<.03	<.1	<.03
JAN 08...	<.05	<.05	<.06	<.1	<.06	<.2	E.04	E.02	<.04	<1	<.03	<.1	<.03
FEB 21...	<.05	<.05	<.06	<.1	<.06	<.2	E.03	E.02	<.04	<1	<.03	<.1	<.03
MAR 20...	<.05	<.05	<.06	<.1	<.06	<.2	E.01	E.07	E.03	<1	<.03	<.1	E.02
APR 04...	<.05	<.05	<.06	<.1	<.06	<.2	E.03	E.04	E.02	<1	<.03	<.1	<.03
JUN 28...	<.05	<.05	<.06	<.1	<.06	<.2	E.03	E.02	<.04	<1	<.03	<.1	<.03

DATE	ETHANE HEXA- CHLORO- WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL- BROMIDE TOTAL (UG/L) (34413)	METHYL- CHLO- RIDE TOTAL (UG/L) (34418)	METHYL- ENE CHLO- RIDE TOTAL (UG/L) (34423)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L) (34475)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L) (34488)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L) (34496)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L) (34501)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L) (34506)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L) (34511)	ETHANE, 1,1,2,2- TETRA- CHLORO- WAT UNF REC (UG/L) (34516)	BENZENE O-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34536)	1,2-DI- CHLORO- PROPANE TOTAL (UG/L) (34541)
OCT 25...	<.2	<.3	<.2	<.2	.1	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
NOV 07...	<.2	<.3	<.2	<.2	.2	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
20...	<.2	<.3	M	<.2	.2	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
DEC 04...	<.2	<.3	<.2	<.2	.2	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
28...	<.2	<.3	<.2	<.2	.4	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
JAN 08...	<.2	<.3	<.2	<.2	E.1	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
FEB 21...	<.2	<.3	<.2	M	E.1	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
MAR 20...	<.2	<.3	<.2	<.2	M	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
APR 04...	<.2	<.3	<.2	<.2	M	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03
JUN 28...	<.2	<.3	<.2	<.2	.1	<.09	<.04	<.04	<.03	<.06	<.09	<.03	<.03

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

VOLATILE ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TRANS- 1,2-DI- CHLORO- ETHENE TOTAL (UG/L) (34546)	BENZENE 1,2,4- TRI- CHLORO- WAT UNF REC (UG/L) (34551)	BENZENE 1,3-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34571)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L) (34668)	NAPHTH- ALENE TOTAL (UG/L) (34696)	TRANS- 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34699)	CIS 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34704)	VINYL CHLO- RIDE TOTAL (UG/L) (39175)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L) (39180)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	METHYL ACRY- LATE WATER UNFLTRD RECOVER (UG/L) (49991)
OCT 25...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	E.01	<.1	<.1
NOV 07...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	E.02	<.1	<.1
NOV 20...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	E.01	<.1	<.1
DEC 04...	<.03	<.2	<.03	E.02	<.3	<.2	<.09	<.09	<.1	E.02	<.1	<.1
DEC 28...	<.03	<.2	<.03	E.01	<.3	<.2	<.09	<.09	<.1	E.03	<.1	<.1
JAN 08...	<.03	<.2	<.03	E.02	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1
FEB 21...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1
MAR 20...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1
APR 04...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1
JUN 28...	<.03	<.2	<.03	<.05	<.3	<.2	<.09	<.09	<.1	<.04	<.1	<.1
DATE	1234- TETRA- METHYL BENZENE UNFLTRD REC (UG/L) (49999)	ISO- DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	BROMO- ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	ETHER TERT- BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT- PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	2BUTENE TRANS-1 4-DI- CHLORO UNFLTRD RECOVER (UG/L) (73547)	METHAC- TRANS-1 RYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	CARBON DI- SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CIS-1,2 -DI- CHLORO- ETHENE WATER TOTAL (UG/L) (77093)	2-HEXA- NONE WATER WHOLE TOTAL (UG/L) (77103)	STYRENE TOTAL (UG/L) (77128)	O- XYLENE WATER WHOLE TOTAL (UG/L) (77135)
OCT 25...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	E.03	<.7	<.04	<.04
NOV 07...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	E.04	<.7	E.01	<.04
NOV 20...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	E.02	<.7	<.04	<.04
DEC 04...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	E.04	<.7	<.04	<.04
DEC 28...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	E.05	<.7	<.04	<.04
JAN 08...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	E.01	<.7	E.01	<.04
FEB 21...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	<.04
MAR 20...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	E.03
APR 04...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	<.04	<.7	<.04	<.04
JUN 28...	<.2	<.2	<.1	<.05	<.1	<.7	<.2	<.07	E.01	<.7	<.04	<.04

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL—Continued
(National Water-Quality Assessment Station)

VOLATILE ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	1,1-DI CHLORO- PRO- PENE, WAT, WH TOTAL (UG/L) (77168)	2,2-DI CHLORO- PRO- PANE WAT, WH TOTAL (UG/L) (77170)	1,3-DI- CHLORO- PROPANE WAT, WH TOTAL (UG/L) (77173)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFLTRD RECOVER (UG/L) (77222)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	O- CHLORO- TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	METHANE BROMO CHLORO- WAT UNFLTRD REC (UG/L) (77297)
OCT 25...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04
NOV 07...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04
NOV 20...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04
DEC 04...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04
DEC 28...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04
JAN 08...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04
FEB 21...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04
MAR 20...	<.03	<.05	<.1	<.06	<.1	E.02	<.03	<.04	<.04	<.03	<.06	<.04
APR 04...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04
JUN 28...	<.03	<.05	<.1	<.06	<.1	<.06	<.03	<.04	<.04	<.03	<.06	<.04

DATE	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	P-ISO- PROPYL- TOLUENE WATER WHOLE REC (UG/L) (77356)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	123-TRI CHLORO- PROPANE WATER WHOLE TOTAL (UG/L) (77443)	ETHANE, 1112- TETRA- CHLORO- WAT UNF REC (UG/L) (77562)	1,2,3- TRI- CHLORO BENZENE WAT, WH REC (UG/L) (77613)	1,2- DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	FREON- 113 WATER UNFLTRD REC (UG/L) (77652)	METHYL TERT- BUTYL ETHER WAT UNF REC (UG/L) (78032)	PROPENE 3- CHLORO- WATER UNFLTRD RECOVER (UG/L) (78109)
OCT 25...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1
NOV 07...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.1
NOV 20...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.2	<.1
DEC 04...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.1
DEC 28...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.1
JAN 08...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.1
FEB 21...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	.2	<.1
MAR 20...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.1
APR 04...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.1
JUN 28...	<.2	<.03	<.06	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.1

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

VOLATILE ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	METHYL ISO- BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	DI-ISO- BROMO- BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	METH- ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	METHYL- PROPYL- ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	METHAC- ACRYLO- NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	FURAN, ETHYL- KETONE WATER WHOLE TOTAL (UG/L) (81595)	DIBROMO RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	META/ TETRA- HYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	CHLORO- PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	PARA- XYLENE WATER UNFLTRD REC (UG/L) (85795)
OCT 25...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
NOV 07...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
20...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
DEC 04...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
28...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
JAN 08...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
FEB 21...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	E.01
MAR 20...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	E.06
APR 04...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06
JUN 28...	<.4	<.7	<.04	<.2	<.1	<.6	<.2	<.3	<.2	<.2	<.06

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 25...	1210	3.6	6	.06	89
NOV 07...	1250	8.2	4	.09	93
20...	1130	11	4	.12	91
DEC 04...	1200	7.9	2	.04	80
28...	1100	12	4	.13	95
JAN 08...	1110	23	7	.43	94
FEB 21...	1145	40	5	.54	95
MAR 20...	1300	608	165	271	87
APR 04...	1240	311	53	45	93
MAY 10...	0815	13	5	.17	95
JUN 28...	1030	23	9	.57	97
JUL 23...	1110	12	11	.37	98
AUG 23...	1110	14	6	.23	96
SEP 26...	1040	12	5	.16	79

MOBILE RIVER BASIN

02423555 CAHABA RIVER NEAR HELENA, AL

LOCATION.--Lat 33°17'04", long 86°52'58", in NW 1/4 sec. 20, T. 20 S., R. 3 W., Shelby County, Hydrologic Unit 03150202 on right bank at downstream side of bridge, 0.9 mi above Trigger Creek, 3 mi west of Helena, and at mile 127.1.

DRAINAGE AREA.--335 mi².

PERIOD OF RECORD.--October 1995 to current year. Operated as a crest-stage gage October 1964 to September 1977 (annual peaks only).

GAGE.--Water-stage recorder. Datum of gage is 403.67 ft above sea level.

REMARKS.--Estimated daily discharge: Jan. 23, 24, Feb. 27 to Mar. 1, 12, 13, Apr. 27 to May 8, 13-17. Records good except for periods of estimated record, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF DAILY DISCHARGE RECORD.--The flood of March 16, 1976 reached a gage height of 34.85 ft, discharge, 22,800 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	25	86	92	560	e730	591	e160	634	285	100	2180
2	26	25	75	82	415	740	490	e130	704	394	67	1070
3	25	25	66	84	349	1840	1010	e110	402	246	62	6290
4	23	27	61	81	280	3300	9490	e100	293	292	77	10300
5	25	32	53	79	248	2240	9730	e95	302	279	73	6210
6	134	33	53	81	214	1370	3080	e110	221	426	174	2280
7	87	59	52	85	202	945	1880	e120	202	355	641	1220
8	59	82	54	481	187	730	1330	e140	1250	237	277	801
9	41	1630	52	299	185	603	979	207	2220	176	162	572
10	29	919	52	225	763	519	787	258	985	143	226	414
11	24	256	52	190	456	440	678	440	540	232	296	333
12	23	114	53	258	391	e1450	573	236	493	185	1150	284
13	22	74	80	205	1100	e2800	592	e165	342	133	697	232
14	21	55	111	177	1720	1610	651	e130	261	100	1570	210
15	20	46	81	169	985	4060	984	e105	269	84	557	185
16	21	70	139	171	895	3240	1280	e110	304	77	314	169
17	27	209	286	255	1970	1760	801	e88	198	75	234	148
18	22	157	183	444	1240	1140	618	81	162	71	229	141
19	21	413	136	1900	830	1020	520	74	147	71	302	142
20	22	305	112	2430	618	5070	443	82	127	103	264	130
21	23	214	111	1070	510	6270	416	162	111	612	164	128
22	26	138	107	651	464	2830	344	252	400	164	118	118
23	26	110	93	e450	486	1730	299	194	1060	111	98	118
24	24	106	79	e360	437	1200	283	137	451	94	92	117
25	25	272	82	302	687	904	281	169	255	100	84	137
26	27	178	72	245	1120	714	247	137	186	169	78	128
27	29	136	97	208	e850	607	e190	113	441	97	75	107
28	29	114	165	176	e780	520	e160	142	431	85	71	104
29	26	106	166	184	---	523	e150	260	348	69	73	96
30	26	96	119	1160	---	722	e140	214	250	86	77	88
31	27	---	108	890	---	653	---	177	---	79	982	---
TOTAL	986	6026	3036	13484	18942	52280	39017	4898	13989	5630	9384	34452
MEAN	31.8	201	97.9	435	676	1686	1301	158	466	182	303	1148
MAX	134	1630	286	2430	1970	6270	9730	440	2220	612	1570	10300
MIN	20	25	52	79	185	440	140	74	111	69	62	88
CFSM	.09	.60	.29	1.30	2.02	5.03	3.88	.47	1.39	.54	.90	3.43
IN.	.11	.67	.34	1.50	2.10	5.81	4.33	.54	1.55	.63	1.04	3.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001
MEAN	246	356	422	1204	915	1430
MAX	901	1100	746	2174	1667	2174
(WY)	1996	1996	1996	1998	1998	1996
MIN	31.8	101	97.9	401	197	1081
(WY)	2001	2000	2001	2000	2000	1999

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1996 - 2001

ANNUAL TOTAL	131131	202124	
ANNUAL MEAN	358	554	584
HIGHEST ANNUAL MEAN			790
LOWEST ANNUAL MEAN			364
HIGHEST DAILY MEAN	17400	10300	17400
LOWEST DAILY MEAN	20	20	20
ANNUAL SEVEN-DAY MINIMUM	22	22	22
MAXIMUM PEAK FLOW		12400	18200
MAXIMUM PEAK STAGE		25.14	30.97
ANNUAL RUNOFF (CFSM)	1.07	1.65	1.74
ANNUAL RUNOFF (INCHES)	14.56	22.44	23.69
10 PERCENT EXCEEDS	594	1180	1340
50 PERCENT EXCEEDS	82	190	210
90 PERCENT EXCEEDS	31	52	53

e Estimated

MOBILE RIVER BASIN

02423586 SHADES CREEK NEAR HOMEWOOD, AL

LOCATION.--Lat 33°26'55", long 86°48'49", in SE $\frac{1}{4}$ sec. 23, T. 18 S., R. 3 W., Jefferson County, Hydrologic Unit 03150202 on footbridge, 0.3 mi upstream of Interstate Highway 65, 0.3 mi downstream from State Highway 149 (Green Spring Highway), 2.5 mi southwest of Homewood, and at mile 42.6.

DRAINAGE AREA.--27.1 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 610 ft above sea level, from topographic map.

REMARKS.--Estimated daily discharges: Sept. 29, 30. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	44	30	8.9	76	37	5.6	87
2	---	---	---	---	---	104	26	8.4	21	20	5.3	206
3	---	---	---	---	---	266	1080	8.3	32	78	13	1340
4	---	---	---	---	---	212	871	7.3	23	34	10	430
5	---	---	---	---	---	86	250	7.0	16	83	45	143
6	---	---	---	---	---	58	110	6.7	11	39	77	62
7	---	---	---	---	---	45	72	7.7	67	18	153	35
8	---	---	---	---	---	37	54	61	85	14	17	25
9	---	---	---	---	---	32	44	57	27	12	11	19
10	---	---	---	---	---	27	37	32	15	15	16	16
11	---	---	---	---	---	24	31	13	42	17	37	14
12	---	---	---	---	---	350	27	9.6	22	10	149	12
13	---	---	---	---	---	116	75	7.8	12	8.9	29	11
14	---	---	---	---	---	96	32	6.8	27	7.7	44	9.6
15	---	---	---	---	---	546	204	6.4	18	7.1	14	8.7
16	---	---	---	---	---	116	48	6.3	11	6.6	13	7.9
17	---	---	---	---	---	68	34	5.9	8.1	6.7	18	7.4
18	---	---	---	---	---	51	27	5.3	7.8	6.3	36	7.2
19	---	---	---	---	---	148	24	6.3	9.2	6.0	27	9.5
20	---	---	---	---	---	927	21	25	18	195	14	9.4
21	---	---	---	---	---	209	18	101	7.6	36	8.8	7.9
22	---	---	---	---	---	100	16	55	284	11	7.7	6.3
23	---	---	---	---	30	67	14	16	33	8.3	7.2	5.9
24	---	---	---	---	28	52	17	12	17	7.1	7.0	9.8
25	---	---	---	---	223	42	14	21	18	34	6.7	8.0
26	---	---	---	---	66	35	12	10	51	18	6.3	5.9
27	---	---	---	---	64	30	11	7.5	174	8.7	6.2	5.5
28	---	---	---	---	67	28	12	44	31	7.0	12	5.1
29	---	---	---	---	---	47	13	49	19	12	7.3	e4.9
30	---	---	---	---	---	73	12	12	29	6.6	9.6	e4.8
31	---	---	---	---	---	36	---	35	---	8.2	575	---
TOTAL	---	---	---	---	---	4072	3236	659.2	1211.7	778.2	1387.7	2523.8
MEAN	---	---	---	---	---	131	108	21.3	40.4	25.1	44.8	84.1
MAX	---	---	---	---	---	927	1080	101	284	195	575	1340
MIN	---	---	---	---	---	24	11	5.3	7.6	6.0	5.3	4.8
CFSM	---	---	---	---	---	4.85	3.98	.78	1.49	.93	1.65	3.10
IN.	---	---	---	---	---	5.59	4.44	.90	1.66	1.07	1.90	3.46

e Estimated

MOBILE RIVER BASIN

02423630 SHADES CREEK NEAR GREENWOOD, AL

LOCATION.—Lat 33°19'34", long 86°56'59", in SW¹/₄ sec. 3, T. 20 S., R. 4 W., Jefferson County, Hydrologic Unit 03150202, near left bank on downstream side of bridge on county road, 1.4 mi southwest of Greenwood, 5.5 mi south of Bessemer, and at mile 20.8.

DRAINAGE AREA.—72.3 mi².

PERIOD OF RECORD.—October 1964 to September 1965, October 1966 to September 1973, October 1974 to September 1981, October 1997 to current year. October 1965 to September 1966, annual maximum; October 1973 to September 1974 (flood hydrograph only).

GAGE.—Water-stage recorder. Datum of gage is 478.37 ft above sea level. Prior to October 1, 1997, gage was at datum 480.37 ft above sea level.

REMARKS.—Estimated daily discharges: Oct. 16-31, May 4-8, 13-17. Records good except those of estimated periods, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	.45	19	28	136	182	125	32	191	56	13	876
2	3.3	.37	14	25	94	180	92	30	187	49	12	353
3	2.6	.43	13	22	70	632	281	29	48	101	12	1950
4	1.4	.59	12	23	56	980	2740	e27	77	175	19	2500
5	1.6	.59	11	20	48	385	1280	e25	80	77	19	658
6	31	.74	11	19	42	262	415	e23	42	146	85	271
7	80	62	11	21	36	199	295	e21	30	51	348	166
8	12	34	11	295	32	158	229	e20	443	30	92	128
9	4.6	854	11	108	40	132	188	98	466	24	34	101
10	2.6	256	10	59	369	106	159	128	264	21	25	78
11	2.2	40	10	46	139	84	136	102	107	32	41	59
12	1.7	21	9.8	80	124	433	116	32	132	25	230	49
13	.86	15	10	58	591	802	152	e26	63	17	190	40
14	.55	11	75	43	419	291	188	e22	41	14	227	32
15	.73	9.6	41	54	240	1370	366	e19	58	13	81	28
16	e.80	12	79	47	255	672	242	e17	50	12	40	24
17	e.70	148	176	78	721	305	145	e15	30	12	48	21
18	e.65	46	64	241	292	235	113	13	23	11	110	20
19	e.60	153	39	1010	208	234	92	11	19	11	114	19
20	e.55	114	29	748	159	1670	78	11	20	11	49	21
21	e1.0	41	24	219	134	1410	65	132	35	258	27	21
22	e.90	25	27	145	149	413	55	90	210	40	18	17
23	e.80	23	23	106	112	296	47	83	229	20	15	15
24	e.70	22	23	78	77	232	49	27	51	15	13	15
25	e.65	118	22	61	311	187	64	45	30	27	12	19
26	e.60	59	18	47	260	147	38	40	47	141	11	17
27	e.60	34	23	41	163	122	34	20	191	32	10	13
28	e.90	21	100	36	248	101	32	18	116	18	10	11
29	e.75	17	99	67	—	99	36	169	75	14	13	10
30	e.60	19	49	650	—	254	33	49	34	34	13	9.3
31	e.50	—	33	216	—	166	—	37	—	15	351	—
TOTAL	157.44	2157.77	1096.8	4691	5525	12739	7885	1411	3389	1502	2282	7541.3
MEAN	5.08	71.9	35.4	151	197	411	263	45.5	113	48.5	73.6	251
MAX	80	854	176	1010	721	1670	2740	169	466	258	351	2500
MIN	.50	.37	9.8	19	32	84	32	11	19	11	10	9.3
CFSM	.07	.99	.49	2.09	2.73	5.68	3.64	.63	1.56	.67	1.02	3.48
IN.	.08	1.11	.56	2.41	2.84	6.55	4.06	.73	1.74	.77	1.17	3.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2001, BY WATER YEAR (WY)

	MEAN	53.0	69.9	137	254	205	353	235	126	80.5	62.2	58.5	70.0
MAX	282	228	475	447	552	800	763	387	245	150	307	275	275
(WY)	1978	1978	1968	1975	1971	1980	1979	1976	1999	1971	1967	1979	1979
MIN	5.08	22.6	31.1	31.7	62.2	74.5	36.6	18.2	23.8	27.0	8.25	3.87	3.87
(WY)	2001	1979	1981	1981	1968	1967	1967	2000	1977	2000	1999	2000	2000

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1965 - 2001

ANNUAL TOTAL	40523.21	50377.31	142
ANNUAL MEAN	111	138	193
HIGHEST ANNUAL MEAN			82.2
LOWEST ANNUAL MEAN			1980
HIGHEST DAILY MEAN	4740	2740	8510
LOWEST DAILY MEAN	.37	.37	.37
ANNUAL SEVEN-DAY MINIMUM	.50	.50	.50
MAXIMUM PEAK FLOW		4160	10900
MAXIMUM PEAK STAGE		14.24	15.19
ANNUAL RUNOFF (CFSM)	1.53	1.91	1.96
ANNUAL RUNOFF (INCHES)	20.85	25.92	26.66
10 PERCENT EXCEEDS	193	293	289
50 PERCENT EXCEEDS	21	42	55
90 PERCENT EXCEEDS	2.1	9.7	19

e Estimated

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 32°56'42", long 87°08'21", in SE 1/4 sec. 26, T. 23 N., R. 9 E., Bibb County, Hydrologic Unit 03150202, on left bank 60 ft downstream from U.S. Highway 82 bridge, 0.2 mi west of Centreville, 2.5 mi upstream from Sandy Creek, and at mile 81.2.

DRAINAGE AREA.--1,027 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1901 to February 1908, May 1929 to March 1932, May 1935 to current year. Gage height records collected at same site from January 1917 to December 1971 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 682: 1901-08. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 180.74 ft above sea level. Prior to Jan. 31, 1939, nonrecording gage at same site. Prior to May 1929, at datum 1.15 ft lower.

REMARKS.--Estimated daily discharges: Oct. 2-5, 13-28. Records good. An average of 82 ft³/s is diverted upstream from station by Birmingham Water Works Board, and is not included in records. Flow partly regulated by Purdy Lake (capacity, 15,300 acre-ft) on Little Cahaba River and several waste-water treatment plants. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	161	140	334	489	1790	2380	1650	564	1060	850	290	3200
2	e154	135	313	435	1310	2100	1440	545	1860	892	290	2290
3	e148	132	290	396	1070	6150	1310	514	1260	849	259	9780
4	e142	133	271	375	925	10500	13700	468	867	787	258	16500
5	e136	131	258	362	806	6440	17900	456	950	807	258	12700
6	197	141	249	349	732	3940	9150	437	920	691	310	5400
7	227	178	242	356	668	2740	4560	428	754	815	741	3060
8	352	217	241	773	626	2130	3310	434	1420	672	1400	1920
9	247	906	240	1430	598	1780	2610	494	3660	536	706	1440
10	206	2620	240	867	1220	1530	2160	658	3750	460	581	1210
11	185	1110	238	695	1740	1340	1830	779	1740	427	908	1900
12	169	505	232	650	1240	1520	1570	801	1350	491	1410	1060
13	e155	337	227	703	1600	6400	1390	610	1150	461	1500	828
14	e148	266	261	621	2870	4190	1560	548	868	389	2000	697
15	e143	226	313	564	2400	10100	1490	476	741	345	1580	619
16	e140	228	443	550	1990	8660	2240	433	806	316	837	566
17	e140	274	674	610	6050	4690	1840	396	790	298	610	527
18	e139	537	805	854	4050	3150	1390	376	607	287	621	499
19	e157	741	558	3120	2560	2480	1180	358	524	278	668	485
20	e144	1150	450	6090	1930	9900	1060	350	473	283	666	471
21	e139	742	394	3340	1560	14300	969	354	443	384	568	443
22	e139	527	384	1950	1380	7910	900	604	481	833	427	425
23	e140	400	372	1420	1280	4430	809	747	1200	439	362	409
24	e142	378	346	1140	1170	3240	769	610	1330	328	316	399
25	e142	499	323	957	1550	2580	758	505	767	298	300	394
26	e141	758	315	818	2520	2090	739	505	578	298	287	396
27	e142	555	319	719	2080	1760	662	477	1080	444	271	385
28	e141	451	433	648	2200	1550	609	502	1240	337	259	359
29	141	380	841	626	---	1430	581	532	1010	302	264	342
30	140	356	761	2440	---	1700	576	684	844	274	270	331
31	138	---	562	2870	---	1970	---	615	---	289	305	---
TOTAL	5035	15153	11929	37217	49915	135080	80712	16260	34523	15160	19522	69035
MEAN	162	505	385	1201	1783	4357	2690	525	1151	489	630	2301
MAX	352	2620	841	6090	6050	14300	17900	801	3750	892	2000	16500
MIN	136	131	227	349	598	1340	576	350	443	274	258	331
CFSM	.16	.49	.37	1.17	1.74	4.24	2.62	.51	1.12	.48	.61	2.24
IN.	.18	.55	.43	1.35	1.81	4.89	2.92	.59	1.25	.55	.71	2.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1901 - 2001, BY WATER YEAR (WY)

	MEAN	488	885	1565	2661	3302	3577	2712	1386	821	749	601	533
MAX	3407	11050	7026	7809	12210	10290	9861	4534	3122	4852	5430	3867	
(WY)	1907	1930	1962	1937	1961	1976	1979	1991	1997	1940	1939	1906	
MIN	114	142	276	343	709	694	251	246	182	236	173	128	
(WY)	1905	1932	1939	1956	2000	1986	1986	1904	1988	1954	1954	1954	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1901 - 2001

ANNUAL TOTAL	348814	489541	1590	
ANNUAL MEAN	953	1341	2827	1949
HIGHEST ANNUAL MEAN			425	1935
LOWEST ANNUAL MEAN			71700	Feb 22 1961
HIGHEST DAILY MEAN	34100	Apr 4	17900	Nov 5
LOWEST DAILY MEAN	131	Nov 5	131	Oct 24-29 1904
ANNUAL SEVEN-DAY MINIMUM	136	Oct 30	136	Oct 23 1904
MAXIMUM PEAK FLOW			18900	Apr 5
MAXIMUM PEAK STAGE			23.22	Apr 5
ANNUAL RUNOFF (CFSM)	.93		1.31	
ANNUAL RUNOFF (INCHES)	12.63		17.73	
10 PERCENT EXCEEDS	1600		2670	3260
50 PERCENT EXCEEDS	354		615	694
90 PERCENT EXCEEDS	168		222	237

e Estimated

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.69	.58	1.48	2.02	5.05	6.06	4.80	2.26	3.46	3.07	1.29	6.61
2	---	.55	1.39	1.84	4.13	5.59	4.40	2.20	5.18	3.17	1.29	6.02
3	---	.54	1.29	1.70	3.59	10.38	4.13	2.10	4.00	3.06	1.15	13.07
4	---	.54	1.21	1.63	3.26	16.16	16.75	1.95	3.12	2.91	1.15	21.78
5	---	.53	1.15	1.58	2.96	12.14	22.61	1.91	3.32	2.96	1.15	19.68
6	.87	.58	1.11	1.53	2.76	8.30	16.84	1.84	3.25	2.64	1.37	11.21
7	1.01	.78	1.08	1.56	2.57	6.62	9.34	1.81	2.82	2.98	2.71	7.09
8	1.54	.96	1.08	2.80	2.45	5.65	7.45	1.84	4.22	2.58	4.28	5.28
9	1.10	3.02	1.07	4.36	2.36	5.03	6.42	2.04	7.93	2.17	2.67	4.39
10	.91	6.44	1.07	3.11	3.79	4.57	5.69	2.54	8.02	1.92	2.30	3.92
11	.81	3.64	1.06	2.65	4.94	4.19	5.13	2.87	4.95	1.81	3.20	5.22
12	.73	2.06	1.03	2.52	3.98	4.51	4.64	2.93	4.20	2.03	4.28	3.57
13	---	1.48	1.01	2.67	4.69	11.09	4.29	2.40	3.77	1.93	4.48	3.02
14	---	1.18	1.16	2.43	6.80	8.90	4.63	2.21	3.12	1.68	5.23	2.65
15	---	1.00	1.38	2.26	6.09	14.13	4.48	1.98	2.78	1.52	4.68	2.43
16	---	1.01	1.86	2.22	5.39	15.19	5.83	1.83	2.95	1.40	3.03	2.27
17	---	1.22	2.57	2.40	10.64	9.65	5.13	1.70	2.91	1.32	2.40	2.14
18	---	2.16	2.95	3.07	8.65	7.23	4.29	1.63	2.39	1.28	2.43	2.05
19	---	2.77	2.24	6.69	6.34	6.22	3.85	1.57	2.13	1.24	2.57	2.01
20	---	3.78	1.89	11.07	5.30	13.31	3.58	1.54	1.97	1.26	2.57	1.96
21	---	2.77	1.70	7.64	4.63	20.11	3.37	1.55	1.87	1.62	2.27	1.87
22	---	2.14	1.66	5.32	4.27	14.67	3.20	2.36	1.99	2.99	1.81	1.80
23	---	1.72	1.62	4.35	4.05	9.17	2.97	2.80	3.76	1.85	1.58	1.75
24	---	1.64	1.52	3.76	3.83	7.35	2.86	2.40	4.15	1.45	1.40	1.72
25	---	2.05	1.43	3.34	4.57	6.37	2.83	2.07	2.85	1.32	1.33	1.70
26	---	2.83	1.40	2.99	6.29	5.59	2.78	2.07	2.30	1.33	1.28	1.71
27	---	2.23	1.41	2.72	5.56	5.00	2.55	1.98	3.53	1.86	1.21	1.66
28	.59	1.89	1.82	2.51	5.75	4.61	2.40	2.06	3.96	1.48	1.16	1.57
29	.59	1.65	3.04	2.45	---	4.37	2.31	2.16	3.46	1.34	1.18	1.51
30	.58	1.56	2.83	5.80	---	4.87	2.30	2.61	3.05	1.22	1.20	1.46
31	.57	---	2.25	6.81	---	5.37	---	2.42	---	1.28	1.35	---
MEAN	---	1.84	1.61	3.48	4.81	8.46	5.73	2.12	3.58	1.96	2.26	4.77
MAX	---	6.44	3.04	11.07	10.64	20.11	22.61	2.93	8.02	3.17	5.23	21.78
MIN	---	.53	1.01	1.53	2.36	4.19	2.30	1.54	1.87	1.22	1.15	1.46

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965-66, 1968, 1971-83, 1991-94, 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
OCT													
17...	1115	16.6	23.5	762	.59	141	306	313	10.0	103	<.081	8.4	8.2
NOV													
28...	1115	10.0	18.5	765	1.90	434	241	245	11.3	100	E.040	8.0	7.7
DEC													
27...	1230	5.6	6.0	763	1.36	306	273	282	12.2	97	E.054	7.8	8.1
JAN													
10...	1130	5.2	15.0	769	3.11	895	259	262	13.5	105	<.081	8.5	8.2
MAR													
22...	1045	10.4	18.0	762	14.61	8930	118	119	12.0	107	E.048	7.3	7.6
MAY													
17...	1115	24.1	25.5	759	1.70	393	271	271	8.0	96	<.081	7.9	7.5
JUL													
16...	1300	28.3	31.0	763	1.40	314	249	246	9.3	119	--	8.5	8.6
SEP													
24...	1045	23.5	23.0	760	1.72	402	273	272	8.7	103	--	8.3	8.3

DATE	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS, (MG/L AS N) (00623)
OCT										
17...	.0	153	126	E15	.62	.49	<.041	E.003	--	.17
NOV										
28...	--	102	84	--	.87	.81	<.041	<.006	--	.17
DEC										
27...	--	174	142	--	.98	.90	E.033	.010	.772	.11
JAN										
10...	3	99	86	--	1.1	.97	<.041	<.006	--	.17
MAR										
22...	--	46	38	E600	.71	.43	<.041	<.006	--	.13
MAY										
17...	--	122	100	10	.81	.70	<.041	.006	.584	.12
JUL										
16...	--	120	98	240	.39	.23	<.040	.006	.098	.13
SEP										
24...	--	132	108	--	.40	.35	<.040	<.006	--	.11

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
OCT 17...	.30	.321	--	--	--	.077	.053	.032	.025	1.9
NOV 28...	.23	.640	--	--	--	.193	.094	.071	.063	2.7
DEC 27...	.19	.782	3.42	.033	--	.101	.100	.016	.033	2.1
JAN 10...	.34	.792	--	--	.046	.218	.116	.085	.071	2.4
MAR 22...	.41	.301	--	--	.330	--	.103	.013	<.018	2.5
MAY 17...	.23	.590	2.59	.020	.100	.110	.066	.045	.036	1.8
JUL 16...	.28	.104	.434	.020	.173	--	.043	.020	<.020	3.5
SEP 24...	.16	.244	--	--	.057	--	.022	.012	<.020	1.7

DATE	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
OCT 17...	.5	--	130	5	32.8	11.7	11.4	.4	16	2.99
NOV 28...	.4	--	100	18	27.0	8.33	6.8	.3	12	2.32
DEC 27...	.3	--	120	--	30.9	9.61	8.0	.3	13	2.07
JAN 10...	--	.6	100	18	28.0	8.33	8.6	.4	15	2.35
MAR 22...	--	4.5	48	10	13.0	3.67	2.5	.2	10	1.36
MAY 17...	--	.7	120	17	30.9	9.79	6.8	.3	11	2.18
JUL 16...	--	1.1	110	14	28.9	9.83	5.9	.2	10	1.88
SEP 24...	--	.4	120	16	32.3	10.5	5.5	.2	9	1.99

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- DIS- (MG/L AS SIO2) (00955)	IRON, SOLVED SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DIS- DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- DEG. C DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- TUENTS, (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 17...	8.2	18.3	E.1	5.3	10	4.8	173	167	65.9	.24
NOV 28...	5.8	24.4	.2	6.2	10	11.6	142	134	166	.19
DEC 27...	7.3	28.9	E.1	3.4	20	9.9	157	179	130	.21
JAN 10...	7.2	30.7	<.2	4.5	40	9.6	147	145	355	.20
MAR 22...	2.4	13.3	E.1	5.9	50	10.4	71	66	1710	.10
MAY 17...	5.6	21.6	E.1	5.5	20	6.8	168	145	178	.23
JUL 16...	4.6	19.7	E.1	5.6	10	3.5	146	136	124	.20
SEP 24...	5.4	22.9	<.2	5.3	20	4.2	154	150	167	.21

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)
OCT 17...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	E.004	<.07	<.15	<.006	<.018	<.003
NOV 28...	<.010	<.002	<.08	<.05	<.10	<.06	.582	E.005	E.03	<.06	E.006	<.018	<.003
DEC 27...	<.010	<.002	<.08	<.05	<.10	<.06	.244	<.015	E.01	<.06	E.005	<.018	<.003
JAN 10...	<.010	<.002	<.08	<.05	<.10	<.06	.273	E.005	E.02	<.06	<.006	<.018	<.003
MAR 22...	<.010	<.002	<.08	<.05	<.10	<.06	.085	<.015	E.01	E.01	E.006	<.018	<.003
MAY 17...	<.010	<.002	<.08	<.05	<.10	<.06	.042	E.007	E.01	<.06	E.006	<.018	<.003
JUL 16...	<.010	<.002	<.50	<.01	<.01	<.03	.025	<.500	<.04	<.01	<.028	<.018	<.003
SEP 24...	<.010	<.002	--	--	--	--	E.011	<.015	--	--	E.004	<.018	<.003
DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER, FLTRD, REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
OCT 17...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
NOV 28...	<.005	<.003	<.10	<.07	E.01	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
DEC 27...	<.005	<.003	<.10	<.07	E.01	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
JAN 10...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
MAR 22...	<.005	<.003	E.03	<.07	E.04	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
MAY 17...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
JUL 16...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	<.03	<.01
SEP 24...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
OCT 17...	<.005	<.004	<.005	<.013	<.027	<.007	<.005	.008	<.08	<.002	<.10	<.07	<.004
NOV 28...	E.005	<.004	<.005	<.013	<.027	<.007	.014	.073	E.07	<.002	.12	<.07	<.004
DEC 27...	<.005	<.004	<.005	<.013	<.027	<.007	.006	.014	E.02	<.002	E.05	<.07	<.004
JAN 10...	E.002	<.004	<.005	E.002	<.027	<.007	E.003	.010	<.08	<.002	E.04	<.07	<.004
MAR 22...	E.005	<.004	<.005	<.013	<.027	<.007	.006	.052	.13	<.002	.12	<.07	<.004
MAY 17...	<.005	<.004	<.005	<.013	<.027	<.007	.007	.032	E.05	<.002	<.10	<.07	<.004
JUL 16...	<.500	<.004	<.005	<.500	<.027	<.007	<.500	E.007	<.02	<.002	<.02	<.01	<.004
SEP 24...	<.005	<.004	<.005	<.013	<.027	<.007	<.005	.011	--	<.002	--	--	<.004

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR- AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB, WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR- PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DACTHAL- MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY- CARBO- FURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)
OCT 17...	<.07	<.07	<.08	<.07	<.08	<.07	E.01	<.04	<.05	<.07	<.04	<.05	<.06
NOV 28...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
DEC 27...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
JAN 10...	<.07	<.07	<.08	<.07	<.08	<.07	E.01	<.04	<.05	<.07	<.04	<.05	<.06
MAR 22...	<.07	<.07	<.08	<.07	<.08	<.07	.36	<.04	E.01	<.07	E.02	E.63	<.06
MAY 17...	<.07	<.07	<.08	<.07	<.08	<.07	.08	<.04	<.05	<.07	<.04	<.05	<.06
JUL 16...	<.02	<.02	<.02	<.01	<.0044	<.03	E.01	<.01	<.01	<.01	<.01	<.04	<.01
DATE	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB, SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDI- CARB, SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- URFEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO- CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (50295)	BENDIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (50299)	BENOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (50300)	CHLORI- MURON, WATER, FLTRD, GF 0.7U REC (UG/L) (50306)	SULFO- MET- RURON, METHYL WTR FLT REC (UG/L) (50337)	HYDROXY- ATRA- ZINE, WATER, FLTRD, GF 0.7U REC (UG/L) (50355)
OCT 17...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
NOV 28...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
DEC 27...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.006
JAN 10...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
MAR 22...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	E.008	E.014
MAY 17...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	E.008	E.012
JUL 16...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.009	E.009
DATE	IMAZ- AQUIN, WATER, FLTRD, GF 0.7U REC (UG/L) (50356)	METAL- AXYL, WATER, FLTRD, GF 0.7U REC (UG/L) (50359)	NICOSUL- FURON, WATER, FLTRD, GF 0.7U REC (UG/L) (50364)	IMAZE- THAPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (50407)	OXAMYL- OXIME, WATER, FLTRD, GF 0.7U REC (UG/L) (50410)	2,4-D- METHYL ESTER, WATER, FLTRD, GF 0.7U REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER, FLTRD, GF 0.7U REC (UG/L) (50471)	TRI- BENURON, METHYL WATER, FLTRD, GF 0.7U REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER, WATER, FLTRD, GF 0.7U REC (UG/L) (61188)	UREA 3/ 4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON, METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM, WATER, FLTRD, GF 0.7U REC (UG/L) (61694)	IMID- ACLOP- RID, WATER, FLTRD, GF 0.7U REC (UG/L) (61695)
OCT 17...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
NOV 28...	<.103	<.057	<.065	E.041	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
DEC 27...	E.153	<.057	<.065	<.088	<.064	E.007	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
JAN 10...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
MAR 22...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	E.0141
MAY 17...	<.103	<.057	<.065	<.088	<.064	E.017	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
JUL 16...	<.016	--	<.013	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	METH- OMYL OXIME WATER FLTRD REC (UG/L) (61696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT 17...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
NOV 28...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
DEC 27...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JAN 10...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAR 22...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAY 17...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JUL 16...	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
SEP 24...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
OCT 17...	<.025	<.002	<.016	<.003	<.005	<.010	<.020	<.017	<.004	<.021
NOV 28...	<.002	<.002	E.014	<.002	<.005	<.010	<.020	<.017	<.004	<.021
DEC 27...	<.002	<.002	E.011	<.002	<.005	<.010	<.020	<.017	<.004	<.021
JAN 10...	<.002	<.002	E.009	<.002	<.005	<.010	<.020	<.017	<.004	<.021
MAR 22...	<.002	<.002	E.006	<.002	<.005	<.010	<.020	<.017	.006	<.021
MAY 17...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
JUL 16...	<.002	<.002	E.003	<.002	<.005	<.010	<.020	<.017	<.004	<.021
SEP 24...	<.002	<.002	E.009	<.002	<.005	<.010	<.020	<.017	<.004	<.021
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
OCT 17...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
NOV 28...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
DEC 27...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JAN 10...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAR 22...	<.002	<.011	E.008	<.005	<.003	E.008	<.007	<.023	<.050	<.006
MAY 17...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JUL 16...	<.002	<.011	<1.0	<.005	<.003	<.010	<.007	<.023	<.050	<.006
SEP 24...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
17...	1115	141	4	1.5	90
NOV					
28...	1115	434	10	12	92
DEC					
27...	1230	306	4	3.3	83
JAN					
10...	1130	895	11	27	96
MAR					
22...	1045	8930	105	2530	89
MAY					
17...	1115	393	4	4.2	88
JUL					
16...	1300	314	8	6.8	96
SEP					
24...	1045	402	5	5.4	92

MOBILE RIVER BASIN

02424590 CAHABA RIVER NEAR SUTTLE, AL

LOCATION.--Lat 32°31'45", long 87°11'56", in NW¹/₄ sec. 20, T. 18 N., R. 9 E., Perry County, Hydrologic Unit 03150202, at bridge on County Road 6, 1.2 mi west of Suttle, 11 mi southeast of Marlon, and 31.0 mi upstream from mouth.

DRAINAGE AREA.--1,480 mi².

PERIOD OF RECORD.--August 1987 to current year. Periodic gage heights during high-water periods since 1949 have been collected by National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 97.64 ft above sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--No estimated daily discharges. Records good. For diversion above station see REMARKS for station at Centreville. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 30, 1951 reached a stage of 42.8 ft, flood of Feb. 25, 1961 reached a stage of 44.0 ft, and flood of Apr. 15, 1979 reached a stage of 41.55 ft (discharges not determined) from information furnished by National Weather Service.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	260	232	605	1060	3520	3810	3100	1270	1210	1410	420	565
2	253	232	567	909	2370	3900	2720	1230	1800	1320	435	3290
3	247	232	529	809	1890	7290	2520	1170	2470	1350	408	3280
4	236	229	499	736	1630	11900	7840	1120	1860	1340	405	8270
5	226	234	467	687	1470	13800	12700	1050	1760	1280	434	12000
6	240	239	449	655	1340	13400	15900	1020	1910	1290	546	14800
7	273	252	432	632	1250	8090	18000	972	1730	1170	758	13200
8	352	299	424	793	1170	4450	13900	936	1670	1230	1310	5360
9	421	477	420	1320	1100	3650	6500	928	3560	1100	1770	3020
10	410	1300	416	1870	1240	3340	4260	1020	5210	902	1250	2560
11	337	2650	412	1380	1890	2790	3600	1260	4500	776	1190	2740
12	306	1540	407	1190	2170	4920	3120	1370	2570	692	1430	2980
13	284	933	401	1110	1910	7320	2770	1380	2080	726	1860	1990
14	268	641	467	1120	2360	8540	2580	1160	1810	712	1860	1700
15	256	498	517	1050	3460	9730	2670	1060	1540	615	2350	1470
16	250	448	574	987	2890	11700	2630	940	1360	539	1920	1330
17	248	478	858	1010	4790	13300	3170	857	1340	485	1280	1210
18	244	550	1190	1150	7340	9950	2650	781	1320	452	990	1120
19	241	991	1270	1440	5530	5230	2330	735	1120	426	914	1060
20	238	1440	986	4230	3580	5870	2170	706	988	413	953	1060
21	239	1660	827	6130	2760	10400	2050	684	886	434	954	1030
22	242	1240	752	3890	2420	14200	1940	694	878	529	867	954
23	241	929	724	2510	2160	15600	1830	934	931	1080	668	885
24	236	768	676	1990	1980	10900	1730	1240	1600	727	554	845
25	234	869	627	1690	4700	5680	1670	1120	1730	528	472	802
26	234	997	580	1490	4310	4310	1620	974	1250	447	434	776
27	236	1190	734	1350	3850	3590	1550	910	1010	427	408	752
28	236	975	1100	1230	3530	3100	1460	877	1630	539	388	735
29	236	795	1290	1160	---	2810	1360	1010	2010	514	372	691
30	235	670	1500	1620	---	2720	1300	1030	1630	444	390	646
31	234	---	1340	3600	---	3010	---	1150	---	427	476	---
TOTAL	8193	23988	22040	50798	78610	229300	131640	31588	55363	24324	28466	91121
MEAN	264	800	711	1639	2808	7397	4388	1019	1845	785	918	3037
MAX	421	2650	1500	6130	7340	15600	18000	1380	5210	1410	2350	14800
MIN	226	229	401	632	1100	2720	1300	684	878	413	372	565
CFSM	.18	.54	.48	1.11	1.90	5.00	2.96	.69	1.25	.53	.62	2.05
IN.	.21	.60	.55	1.28	1.98	5.76	3.31	.79	1.39	.61	.72	2.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2001, BY WATER YEAR (WY)

	MEAN	815	1406	1891	3952	4692	5073	3076	1615	1475	1431	745	932
	MAX	2736	3648	4254	8699	13980	7397	5695	6464	3624	5783	1017	3037
	(WY)	1996	1993	1993	1998	1990	2001	2000	1991	1997	1989	1992	2001
	MIN	264	521	700	1624	1044	1216	1389	594	327	362	354	274
	(WY)	2001	1988	1988	2000	2000	1988	1988	1988	1988	2000	1988	2000

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1987 - 2001

ANNUAL TOTAL	494563	775431	2249
ANNUAL MEAN	1351	2124	3421
HIGHEST ANNUAL MEAN			1990
LOWEST ANNUAL MEAN			968
HIGHEST DAILY MEAN	27000	Apr 7	64100
LOWEST DAILY MEAN	226	Oct 5	226
ANNUAL SEVEN-DAY MINIMUM	233	Oct 30	233
MAXIMUM PEAK FLOW			67900
MAXIMUM PEAK STAGE			41.09
ANNUAL RUNOFF (CFSM)	.91		1.52
ANNUAL RUNOFF (INCHES)	12.43		20.64
10 PERCENT EXCEEDS	2260	4580	4720
50 PERCENT EXCEEDS	626	1160	1170
90 PERCENT EXCEEDS	263	346	455

MOBILE RIVER BASIN

02425000 CAHABA RIVER NEAR MARION JUNCTION, AL

LOCATION.--Lat 32°26'38", long 87°10'49", in SE¹/₄SW¹/₄ sec. 16, T. 17 N., R. 9 E., Dallas County, Hydrologic Unit 03140203, on right bank 10 ft downstream from bridge on U.S. Highway 80, 3.8 mi downstream from Oakmulgee Creek, 3.5 mi east of Marion Junction, and 21.4 mi upstream from mouth.

DRAINAGE AREA.--1,766 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to September 1954, October 1968 to current year. Monthly discharge only October to December 1938, published WSP 1304. Gage-height records collected at same site from 1939 to 1971 are contained in reports of the National Weather Service.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 86.72 ft above sea level (levels by the U.S. Army Corps of Engineers). October 1940 to September 1954, nonrecording gage 12 mi downstream from base gage at same datum.

REMARKS.--No estimated daily discharges. Records good. For diversion above station see Remarks for station at Centreville. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 24, 1961, reached a stage of 43.80 ft, present datum, from floodmarks (discharge not determined).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	299	275	682	1240	4340	4780	3790	1120	1220	1390	483	660
2	292	274	647	1040	2880	5380	3250	1080	1630	1230	496	2840
3	285	276	614	927	2140	9580	2950	1040	2680	1260	480	3620
4	276	275	586	859	1780	14400	10400	994	2140	1310	477	8020
5	264	279	559	811	1570	16700	15300	925	2000	1260	497	12400
6	282	289	543	783	1420	17500	18100	899	2410	1310	592	15300
7	305	298	525	758	1300	13100	20500	860	2370	1170	800	15600
8	362	331	518	858	1210	6560	19000	828	2010	1160	1190	7820
9	423	464	509	1270	1140	4680	10500	824	3520	1090	1930	3480
10	457	947	507	2070	1320	4420	5210	897	5950	893	1370	2780
11	385	2690	506	1570	1850	3610	4280	1100	5750	782	1180	2810
12	350	1690	499	1300	2520	6070	3670	1260	3420	708	1440	3370
13	326	982	492	1200	2080	10500	3180	1350	2530	709	1840	2430
14	309	709	560	1200	2460	10900	2880	1090	2140	720	2230	1860
15	298	578	618	1130	3730	13100	2950	979	1780	651	2220	1510
16	289	527	666	1050	3380	14300	2900	876	1490	590	2160	1310
17	287	560	849	1060	5280	16000	3500	801	1380	547	1330	1190
18	285	612	1150	1190	8390	14400	3010	740	1380	517	1020	1090
19	279	919	1300	1620	7310	7920	2450	696	1140	495	916	1030
20	275	1440	1050	4050	4780	7630	2180	674	988	482	932	1020
21	275	1720	894	7070	3430	11800	2000	662	884	489	929	1010
22	276	1360	820	4910	2890	16200	1840	665	858	551	876	947
23	279	995	794	2920	2520	18700	1720	784	925	955	717	881
24	275	836	767	2200	2240	16200	1600	1120	1400	771	619	853
25	273	908	725	1820	7380	9200	1560	1070	1890	594	552	811
26	273	1010	681	1580	6630	6050	1510	930	1260	517	511	792
27	275	1210	1140	1410	5170	4710	1440	858	995	487	488	767
28	278	1060	1690	1280	4780	3870	1330	846	1360	536	469	753
29	276	865	1600	1250	---	3440	1240	931	2110	580	529	723
30	277	749	1690	1990	---	3320	1160	1060	1620	515	552	689
31	276	---	1590	3720	---	3560	---	1100	---	504	583	---
TOTAL	9361	25128	25771	56136	95920	298580	155400	29059	61230	24773	30408	98366
MEAN	302	838	831	1811	3426	9632	5180	937	2041	799	981	3279
MAX	457	2690	1690	7070	8390	18700	20500	1350	5950	1390	2230	15600
MIN	264	274	492	758	1140	3320	1160	662	858	482	469	660
CFSM	.17	.47	.47	1.03	1.94	5.45	2.93	.53	1.16	.45	.56	1.86
IN.	.20	.53	.54	1.18	2.02	6.29	3.27	.61	1.29	.52	.64	2.07

MOBILE RIVER BASIN
02425000 CAHABA RIVER NEAR MARION JUNCTION, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

MEAN	881	1346	2719	4647	5249	6323	5006	2491	1591	1453	1267	956
MAX	3394	5006	10360	12890	15960	14970	17100	7528	4407	6355	14280	3279
(WY)	1996	1949	1984	1972	1990	1980	1979	1991	1997	1940	1939	2001
MIN	302	484	530	816	1324	1363	645	690	348	410	279	230
(WY)	2001	1982	1939	1981	2000	1988	1986	1988	1988	2000	1954	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1939 - 2001	
ANNUAL TOTAL	588561		910132			
ANNUAL MEAN	1608		2494		2816	
HIGHEST ANNUAL MEAN					4489	
LOWEST ANNUAL MEAN					932	
HIGHEST DAILY MEAN	30400	Apr 7	20500	Apr 7	77800	Aug 17 1939
LOWEST DAILY MEAN	264	Oct 5	264	Oct 5	224	Sep 16 1954
ANNUAL SEVEN-DAY MINIMUM	275	Oct 20	275	Oct 20	227	Sep 12 1954
MAXIMUM PEAK FLOW			21100	Apr 7	83400	Aug 16 1939
MAXIMUM PEAK STAGE			28.69	Apr 7	42.95	Aug 16 1939
ANNUAL RUNOFF (CFSM)	.91		1.41		1.59	
ANNUAL RUNOFF (INCHES)	12.40		19.17		21.66	
10 PERCENT EXCEEDS	2860		6060		6440	
50 PERCENT EXCEEDS	750		1140		1410	
90 PERCENT EXCEEDS	294		376		510	

MOBILE RIVER BASIN
02425000 CAHABA RIVER NEAR MARION JUNCTION, AL--Continued
WATER-QUALITY RECORDS

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

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
MAR					
21...	1115	25.0	11800	231	7360
21...	1125	50.0	11800	298	9490
21...	1135	75.0	11800	274	8730

MOBILE RIVER BASIN

02427250 PINE BARREN CREEK NEAR SNOW HILL, AL

LOCATION.--Lat 31°59'46", long 87°04'06", in SE 1/4 sec. 21, T. 12 N., R. 10 E., Wilcox County, Hydrologic Unit 03150203, at bridge on State Highway 21, 4 mi west of Snow Hill.

DRAINAGE AREA.--261 mi².

PERIOD OF RECORD.--October 1989 to current year. Operated as low-flow partial record station October 1959 to September 1967.

GAGE.--Water-stage recorder. Datum of gage is 126.60 ft above sea level (levels by Alabama Highway Department).

REMARKS.--Estimated daily discharges: Mar. 4, 5, Apr. 11-13. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	15	41	216	397	780	292	89	112	154	70	216
2	14	15	38	174	259	2310	251	85	119	108	91	118
3	13	15	36	148	208	5330	366	81	87	94	56	111
4	13	15	33	133	180	e25000	5460	78	68	83	43	164
5	13	15	32	124	161	e13500	5100	73	292	79	39	199
6	14	17	32	116	146	2240	1830	70	307	93	42	137
7	15	21	32	108	134	880	776	67	129	81	101	114
8	17	84	32	112	125	677	559	64	122	69	128	95
9	17	143	32	127	119	569	452	62	732	62	309	84
10	15	100	34	115	301	520	379	81	1250	57	582	83
11	15	95	38	102	374	455	e320	90	786	53	357	85
12	15	51	35	104	227	2010	e270	73	1890	51	259	73
13	15	37	33	107	195	4550	e235	75	3250	58	206	62
14	15	32	184	99	197	3500	213	69	830	63	154	54
15	14	30	463	95	175	2790	205	58	395	56	118	48
16	14	30	175	124	160	2580	212	54	304	49	96	44
17	14	34	148	266	178	1050	187	51	288	46	81	41
18	14	61	163	351	146	676	162	49	198	43	75	42
19	16	64	116	514	128	569	151	47	159	41	71	55
20	15	78	108	908	118	1850	144	45	140	40	68	72
21	15	102	101	603	114	1840	139	44	123	55	69	56
22	15	65	118	297	114	917	132	44	111	85	63	46
23	14	47	163	221	110	628	125	50	113	62	56	41
24	14	43	126	186	101	498	119	60	135	48	51	41
25	13	82	97	162	457	503	137	49	107	42	48	43
26	14	224	82	142	330	479	193	45	93	41	46	42
27	14	116	74	131	238	368	129	44	86	43	50	38
28	14	74	1030	123	564	321	111	49	80	45	54	37
29	14	57	2200	139	---	334	103	168	86	45	278	36
30	14	47	1090	1400	---	428	96	589	187	45	179	34
31	14	---	328	993	---	354	---	157	---	47	245	---
TOTAL	447	1809	7214	8440	5956	78506	18848	2660	12579	1938	4085	2311
MEAN	14.4	60.3	233	272	213	2532	628	85.8	419	62.5	132	77.0
MAX	17	224	2200	1400	564	25000	5460	589	3250	154	582	216
MIN	13	15	32	95	101	321	96	44	68	40	39	34
CFSM	.06	.23	.89	1.04	.81	9.70	2.41	.33	1.61	.24	.50	.30
IN.	.06	.26	1.03	1.20	.85	11.19	2.69	.38	1.79	.28	.58	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2001, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	131	297	436	700	747	952	361	239	214	148	95.0	169
MAX	504	1328	1144	1371	1566	2532	667	1200	442	439	255	1176
(WY)	1996	1993	1993	1998	1990	2001	1993	1991	1997	1994	1992	1998
MIN	14.4	40.2	54.7	234	183	276	139	31.9	20.3	14.4	15.6	18.5
(WY)	2001	1991	1991	1991	2000	2000	1992	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1990 - 2001
ANNUAL TOTAL	39975.1	144793	
ANNUAL MEAN	109	397	373
HIGHEST ANNUAL MEAN			543
LOWEST ANNUAL MEAN			109
HIGHEST DAILY MEAN	2200	25000	25000
LOWEST DAILY MEAN	9.5	13	9.5
ANNUAL SEVEN-DAY MINIMUM	10	14	10
MAXIMUM PEAK FLOW		30400	30400
MAXIMUM PEAK STAGE		25.70	25.70
ANNUAL RUNOFF (CFSM)	.42	1.52	1.43
ANNUAL RUNOFF (INCHES)	5.70	20.64	19.40
10 PERCENT EXCEEDS	226	595	718
50 PERCENT EXCEEDS	32	101	119
90 PERCENT EXCEEDS	14	17	35

e Estimated

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02428400 ALABAMA RIVER AT CLAIBORNE LOCK AND DAM NEAR MONROEVILLE, AL

LOCATION.—Lat 31°36'54", long 87°33'02", in NE¹/₄SE¹/₄ sec. 34, T. 8 N., R. 5 E., Monroe County, Hydrologic Unit 03150204, just upstream from Claiborne Lock and Dam, 3.5 mi upstream from Flat Creek, 3.8 mi downstream from Silver Creek, 15 mi northwest of Monroeville, and at mile 81.9.

DRAINAGE AREA.—21,473 mi².

PERIOD OF RECORD.—October 1975 to current year.

REVISED RECORDS.—WDR AL-84-1: Drainage area. WDR AL-86-1: 1981, 1983-85 (maximum gage heights).

GAGE.—Water-stage recorder. Datum of gage is at sea level (datum published incorrectly 1976-77, 1979-85).

REMARKS.—Estimated daily discharges: Nov. 7, 8. Water-discharge records fair. Flow regulated by reservoirs on Etowah, Coosa, Tallapoosa, and Alabama Rivers. (See Reservoirs in Mobile River basin).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6400	4840	9960	19700	58800	64400	61700	11000	28800	25500	12300	10900
2	6160	4750	8560	12800	42000	68000	55900	11400	30500	18000	18800	14300
3	6120	4650	6920	19100	27800	80300	39400	12100	30600	25000	24500	19800
4	5820	4610	7590	13900	19500	116000	57400	10500	38200	26800	10900	31300
5	5780	4600	8000	16100	18800	142000	98000	14700	55600	21900	7710	43300
6	5820	5770	10200	11000	19000	160000	136000	8460	53900	23800	14000	49800
7	5740	e7040	9660	10400	13600	170000	153000	8550	45500	19300	28000	42800
8	5850	e4050	9550	9860	10200	174000	161000	10100	39600	18400	15600	36700
9	6380	4770	8220	11500	12500	163000	163000	11900	38200	16000	9240	22200
10	6270	9380	8030	17000	20100	131000	154000	12100	44800	22300	9350	12700
11	5440	9110	9510	17100	19100	81000	113000	12200	40400	22400	15600	10100
12	5210	6120	9470	14300	22100	44600	68300	11000	41000	15900	19700	13700
13	5300	7390	10300	10800	24000	73700	52700	10900	32500	16600	10100	16200
14	5550	7040	9520	7430	27700	104000	40600	11200	19700	14100	12000	13500
15	5390	8590	9480	7140	24900	121000	23300	11200	25800	10700	18900	9430
16	5390	10800	9660	11100	29600	132000	17500	13000	23500	9640	20700	8010
17	5360	9000	12600	18300	34000	141000	27900	11500	14400	9070	21000	7700
18	5460	10600	10800	19000	59600	146000	35300	10900	13200	7850	13000	8350
19	5030	13100	20100	23700	58400	148000	31300	9920	18800	9510	9020	9380
20	4920	20000	21200	48600	42500	142000	30600	12600	12600	8150	8860	9130
21	4820	20400	14500	71000	33400	135000	16700	28000	10400	8090	8450	12000
22	4810	13600	10500	72200	29900	138000	16000	18200	12200	7100	8870	10300
23	5280	15400	12500	66600	35800	147000	21100	8050	17700	6420	9270	9680
24	6060	16700	14000	59500	33100	154000	17200	8290	13800	7670	8830	9340
25	5000	13600	8430	56800	31700	158000	17500	10400	11400	9830	8030	7970
26	e5290	18000	9060	41000	70500	161000	11500	14200	11300	10000	9570	7390
27	5230	18000	8410	22600	78900	157000	13000	12100	14800	13000	8900	7780
28	4910	11700	16900	14900	80300	145000	15100	10900	23500	16400	7740	8060
29	5200	13600	51700	14300	—	115000	13100	19100	14400	9660	7490	7640
30	4940	12500	53000	23600	—	82500	8750	29200	17400	9050	8910	6170
31	5070	—	37400	58900	—	64800	—	28900	—	8450	9270	—
TOTAL	170000	309710	445730	820230	977800	3859300	1669850	412570	794500	446590	394610	475630
MEAN	5484	10320	14380	26460	34920	124500	55660	13310	26480	14410	12730	15850
MAX	6400	20400	53000	72200	80300	174000	163000	29200	55600	26800	28000	49800
MIN	4810	4050	6920	7140	10200	44600	8750	8050	10400	6420	7490	6170
CFSM	.26	.48	.67	1.23	1.63	5.80	2.59	.62	1.23	.67	.59	.74
IN.	.29	.54	.77	1.42	1.69	6.69	2.89	.71	1.38	.77	.68	.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2001, BY WATER YEAR (WY)

	MEAN	16230	22900	34710	49330	57980	70150	52880	28570	19840	17020	12800	11380
MAX	57680	65300	93480	90120	126000	145000	147600	75120	62470	59580	44030	21490	
(WY)	1976	1993	1984	1993	1990	1990	1979	1991	1989	1989	1984	1988	
MIN	5398	6609	11060	9615	13310	17020	9129	8196	6312	5859	5909	5486	
(WY)	1987	1988	2000	1981	2000	1988	1986	1986	2000	2000	1988	1986	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1976 - 2001
ANNUAL TOTAL	5066260	10776520	
ANNUAL MEAN	13840	29520	32690
HIGHEST ANNUAL MEAN			48670
LOWEST ANNUAL MEAN			13590
HIGHEST DAILY MEAN	116000	Apr 8	255000
LOWEST DAILY MEAN	4050	Nov 8	3890
ANNUAL SEVEN-DAY MINIMUM	4780	Oct 30	4190
MAXIMUM PEAK FLOW		177000	255000
MAXIMUM PEAK STAGE		49.39	57.59
ANNUAL RUNOFF (CFSM)	.64	1.37	1.52
ANNUAL RUNOFF (INCHES)	8.78	18.67	20.69
10 PERCENT EXCEEDS	27000	72800	85900
50 PERCENT EXCEEDS	7970	13800	17600
90 PERCENT EXCEEDS	5470	6140	7270

e Estimated

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02428401 ALABAMA RIVER BELOW CLAIBORNE LOCK AND DAM NEAR MONROEVILLE, AL

LOCATION.--Lat 31°36'48", long 87°33'10", in NE¹/₄SE¹/₄ sec. 34, T. 8 N., R. 5 E., Monroe County, Hydrologic Unit 03150204, at downstream end of Claiborne Lock and Dam, 3.4 mi upstream from Flat Creek, 3.7 mi downstream from Silver Creek, 15 mi northwest of Monroeville, and at mile 81.8.

DRAINAGE AREA.--21,473 mi².

PERIOD OF RECORD.--December 1969 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. December 1969 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORD.--WDR AL-84-1: Drainage area. WDR AL-86-1: 1979-81.

GAGE.--Water-stage recorder. Datum of gage is at sea level. Prior to October 1, 1996 gage datum was 8.00 ft below sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 56.6 ft, Mar. 25, 1990; minimum, 4.98 ft, Aug. 2, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 48.69 ft, Mar. 8; minimum, 5.03 ft, Oct. 25.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.99	5.55	10.35	18.94	28.59	32.86	31.82	10.99	20.18	17.99	10.50	10.42
2	5.93	5.49	9.10	13.99	25.92	32.79	29.94	11.44	20.64	15.81	13.70	12.20
3	5.94	5.52	7.91	14.80	21.12	37.49	26.40	11.70	20.77	17.91	17.13	14.98
4	5.96	5.55	7.76	13.55	18.09	44.01	28.12	11.06	21.98	19.01	13.58	19.13
5	5.96	5.61	7.81	13.75	16.39	46.68	38.10	12.64	26.50	17.82	9.95	23.47
6	6.01	5.97	9.21	11.89	15.92	47.75	42.52	10.44	27.36	18.06	11.17	25.67
7	5.96	7.20	9.37	10.73	14.02	48.48	45.03	9.73	25.94	16.56	17.58	25.30
8	5.89	5.59	9.27	10.18	11.67	48.59	46.62	10.14	24.59	16.06	15.75	23.55
9	6.00	5.85	8.64	10.67	11.26	47.52	47.17	11.21	23.53	14.25	11.39	19.93
10	6.04	8.28	8.40	12.78	15.18	44.01	46.03	11.46	24.92	16.31	10.11	15.37
11	5.76	8.92	8.96	14.45	14.91	37.90	41.50	11.72	25.21	17.25	12.27	12.88
12	5.51	7.39	9.32	13.17	16.83	31.19	36.37	11.18	26.49	14.94	15.69	12.77
13	5.51	7.67	9.64	11.75	17.15	34.88	31.47	10.83	24.91	14.40	12.24	13.63
14	5.48	7.54	9.65	9.48	19.16	39.23	27.55	10.98	20.44	13.71	11.42	12.97
15	5.47	8.20	9.65	8.40	18.40	41.59	22.47	10.96	20.77	11.70	13.91	11.23
16	5.48	9.68	9.81	10.06	19.94	43.26	18.59	11.64	19.53	10.44	15.80	9.51
17	5.49	9.26	11.32	13.05	20.70	44.45	19.91	11.37	15.99	9.92	16.25	8.94
18	5.51	9.86	10.43	15.50	26.74	45.14	22.38	10.87	13.91	9.00	13.91	8.92
19	5.51	11.32	13.58	16.21	28.37	45.38	21.62	10.30	14.99	9.22	11.19	9.55
20	5.56	14.21	16.13	23.45	25.61	45.02	21.20	11.03	13.68	9.30	10.16	9.68
21	5.57	15.41	13.76	29.86	22.63	44.19	17.67	17.59	11.74	8.74	9.76	11.01
22	5.53	13.01	11.25	31.58	20.87	44.34	15.21	16.69	11.67	8.30	9.64	10.62
23	5.65	12.51	11.51	30.98	22.33	45.16	16.55	11.08	14.48	7.77	9.63	10.15
24	6.09	13.54	12.36	29.24	21.84	46.09	15.69	9.54	13.74	8.25	9.36	9.94
25	5.54	13.04	9.96	28.49	20.92	46.95	15.08	10.18	12.06	9.53	9.02	9.27
26	5.41	13.71	9.56	25.48	29.69	47.27	13.20	11.68	11.42	10.22	9.66	8.61
27	5.51	14.51	8.84	20.56	35.26	46.80	12.48	12.09	12.41	11.21	9.39	8.36
28	5.55	12.30	11.49	16.53	36.07	45.20	13.45	10.94	16.45	13.53	8.50	8.60
29	5.53	11.77	23.33	14.70	---	41.99	13.12	13.90	14.58	11.60	8.29	8.36
30	5.50	11.58	26.80	16.97	---	38.02	10.59	19.62	14.20	9.85	9.09	7.49
31	5.52	---	23.90	26.40	---	34.10	---	20.23	---	9.31	9.37	---
MEAN	5.69	9.53	11.58	17.34	21.27	42.53	26.26	12.10	18.84	12.84	11.79	13.08
MAX	6.09	15.41	26.80	31.58	36.07	48.59	47.17	20.23	27.36	19.01	17.58	25.67
MIN	5.41	5.49	7.76	8.40	11.26	31.19	10.59	9.54	11.42	7.77	8.29	7.49
CAL YR 2000	MEAN 10.68		MAX 42.42		MIN 5.41							
WTR YR 2001	MEAN 16.87		MAX 48.59		MIN 5.41							

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02429500 ALABAMA RIVER AT CLAIBORNE, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 31°32'48", long 87°30'45", in sec. 25, T. 7 N., R. 5 E., Monroe County, Hydrologic Unit 03150204, near left bank on downstream side of bridge on U.S. Highway 84 at Claiborne, 0.5 mi downstream from Limestone Creek, 12 mi west of Monroeville, and at mile 76.1.

DRAINAGE AREA.--21,967 mi².

PERIOD OF RECORD.--Water years 1965-69, 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1966 to September 1968, May 1974 to September 1981.

WATER TEMPERATURES: March 1966 to September 1968, May 1974 to September 1981.

REVISED RECORD.--WDR AL-84-1: Drainage area.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: (Water years 1966-68, 1975-79, 1981) Maximum, 255 microSiemens, Oct. 22, 1977; minimum 66 microSiemens, Mar. 10, 1966.

WATER TEMPERATURE: (Water years 1966-68, 1975-79, 1981) Maximum, 32.5°C, July 21-24, Aug. 16, 17, 1981; minimum (water years 1967-68, 1975-81), 4.0°C, Jan. 17-18, Feb. 24-25, Mar. 1, 1968.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DISIT FIELD MG/L AS CO3 (00452)
OCT													
11...	1410	23.0	24.0	771	5600	205	210	8.8	101	<.081	7.5	8.1	.0
NOV													
02...	1015	22.6	27.0	769	4980	238	240	8.4	96	--	7.7	7.7	.0
DEC													
13...	1430	12.6	16.5	770	11800	228	231	11.0	102	--	7.8	7.7	--
FEB													
26...	1430	13.8	23.0	770	76400	144	165	9.4	90	<.081	7.7	7.8	--
MAR													
08...	1100	14.4	19.5	768	148000	101	100	6.8	66	<.081	7.5	7.2	--
APR													
10...	1445	17.4	29.5	765	131000	88	87	7.7	80	--	7.2	7.0	--
MAY													
23...	1030	25.6	24.0	765	9340	137	139	8.8	107	--	7.7	7.4	--
JUN													
20...	1400	28.1	33.0	769	10600	155	154	8.1	103	--	7.4	7.5	--
JUL													
26...	1110	30.4	26.5	768	10300	160	158	8.0	106	--	7.5	7.7	--
AUG													
29...	1430	30.3	30.0	766	7420	203	197	6.6	87	--	7.9	7.8	--

DATE	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR- TICULATE WAT FLT SUSP (MG/L ASN) (49570)
OCT													
11...	69	57	.54	.25	<.041	.006	.047	.20	.49	.053	.208	.020	--
NOV													
02...	84	69	--	--	<.041	E.003	--	.23	.47	<.047	--	--	--
DEC													
13...	82	67	.53	.46	<.041	E.005	--	.22	.28	.243	--	--	--
FEB													
26...	62	51	.87	.53	E.038	E.004	--	.28	.62	.248	--	--	.248
MAR													
08...	45	37	.74	.45	E.038	E.003	--	.31	.60	.134	--	--	.370
APR													
10...	34	28	.53	.35	<.041	E.004	--	.22	.40	.132	--	--	.179
MAY													
23...	48	40	.57	.27	E.026	E.005	--	.19	.50	.075	--	--	.160
JUN													
20...	59	49	.59	.31	<.040	<.006	--	.21	.49	.101	--	--	.130
JUL													
26...	62	51	.53	.27	<.040	.014	.086	.17	.43	.100	.381	.046	.159
AUG													
29...	72	59	--	--	<.040	E.003	--	.21	.39	E.073	--	--	.166

MOBILE RIVER BASIN
MOBILE RIVER MAIN STEM

02429500 ALABAMA RIVER AT CLAIBORNE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)
OCT 11...	—	.051	.026	E.012	5.1	.5	—	52	—	14.9	3.49	20.4	1
NOV 02...	.080	.080	.040	.026	3.8	.8	—	55	—	15.6	3.78	25.7	2
DEC 13...	.071	.059	.032	.023	3.9	.5	—	63	—	17.9	4.47	22.9	1
FEB 26...	.058	.118	.026	.019	4.5	—	2.1	52	1	15.5	3.27	9.7	.6
MAR 08...	—	.173	.023	E.012	7.0	—	2.6	40	3	13.0	1.86	3.6	.2
APR 10...	—	.078	.018	<.018	4.8	—	1.1	32	4	9.82	1.89	3.0	.2
MAY 23...	—	.057	.014	<.020	3.3	—	.9	39	—	11.6	2.42	10.8	.8
JUN 20...	.071	.063	.022	.023	5.6	—	1.1	45	—	13.0	3.06	11.4	.7
JUL 26...	—	.061	.018	E.010	4.2	—	1.0	44	—	12.6	2.95	12.4	.8
AUG 29...	—	.059	.019	<.020	3.7	—	1.0	55	—	16.0	3.79	18.0	1

DATE	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 11...	45	2.36	10	22.0	<.2	4.4	<10	E2.9	123	112	1860	.17
NOV 02...	49	2.66	12.1	25.8	E.1	4.0	M	11.3	139	131	1870	.19
DEC 13...	43	2.53	9.7	22.5	E.1	5.3	20	7.4	134	127	4270	.18
FEB 26...	28	1.90	6.4	15.2	<.2	4.0	70	5.2	88	88	18200	.12
MAR 08...	15	1.91	3.3	7.3	<.2	5.2	160	15.2	74	59	29600	.10
APR 10...	16	1.38	2.7	6.4	<.2	6.0	110	6.0	70	49	24800	.10
MAY 23...	36	1.61	6.1	13.6	<.2	1.4	50	E2.7	89	119	2240	.12
JUN 20...	34	1.66	6.4	14.6	E.1	5.5	60	13.9	100	85	2860	.14
JUL 26...	37	1.79	6.6	13.0	E.1	4.4	20	6.0	82	85	2280	.11
AUG 29...	40	2.24	8.1	21.1	<.2	4.8	20	9.1	121	109	2420	.16

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02429500 ALABAMA RIVER AT CLAIBORNE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEISO- PROPYL ATRAZIN, WATER, DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN, WATER, DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)
OCT 11...	<.010	<.002	<.08	<.05	<.10	<.06	.022	E.007	E.01	<.15	E.005	<.018	<.003
FEB 26...	<.010	<.002	<.08	<.05	<.10	<.06	.108	<.015	E.02	<.06	E.004	<.018	<.003
MAR 08...	<.010	<.002	<.08	<.05	<.10	<.06	.073	E.003	<.07	<.06	E.006	<.018	<.003
APR 10...	<.010	<.002	--	--	--	--	.048	<.015	--	--	<.006	<.018	<.003
MAY 23...	<.010	<.002	--	--	--	--	.023	E.003	--	--	<.006	<.018	<.003
JUN 20...	<.010	<.002	--	--	--	--	.016	E.003	--	--	<.006	<.018	<.003
JUL 26...	<.010	<.002	--	--	--	--	.014	E.006	--	--	<.006	<.018	<.003
AUG 29...	<.010	<.002	--	--	--	--	.018	E.006	--	--	E.005	<.018	<.003

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER, FLTRD, GF 0.7U REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
OCT 11...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
FEB 26...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
MAR 08...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
APR 10...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
MAY 23...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
JUN 20...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
JUL 26...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
AUG 29...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--

DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THON, DIS- SOLVED (UG/L) (39532)	PARA- THON, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
OCT 11...	<.005	<.004	<.005	.022	<.027	<.007	E.003	.020	<.08	<.002	<.10	<.07	<.004
FEB 26...	<.005	<.004	<.005	<.013	<.027	<.007	.005	.050	<.08	<.002	<.10	<.07	<.004
MAR 08...	<.005	<.004	<.005	<.013	<.027	<.007	E.003	.059	<.08	<.002	<.10	<.07	<.004
APR 10...	<.005	<.004	<.005	E.010	<.027	<.007	.006	.036	--	<.002	--	--	<.004
MAY 23...	<.005	<.004	<.005	E.007	<.027	<.007	<.005	.017	--	<.002	--	--	<.004
JUN 20...	<.005	<.004	<.005	E.006	<.027	<.007	<.005	.037	--	<.002	--	--	<.004
JUL 26...	<.005	<.004	<.005	E.007	<.027	<.007	.006	.047	--	<.002	--	--	<.004
AUG 29...	<.005	<.004	<.005	<.013	<.027	<.007	<.005	.056	--	<.002	--	--	<.004

MOBILE RIVER BASIN
MOBILE RIVER MAIN STEM

02429500 ALABAMA RIVER AT CLAIBORNE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
OCT 11...	<.07	<.07	<.08	<.07	<.08	<.07	E.01	<.04	<.05	<.07	<.04	<.05	<.06
FEB 26...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
MAR 08...	<.07	<.07	<.08	<.07	<.08	<.07	E.02	<.04	<.05	<.07	<.04	<.05	<.06
DATE	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)
OCT 11...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
FEB 26...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.014
MAR 08...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
DATE	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (61695)
OCT 11...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
FEB 26...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	E.05	<.0915	<.0482	<.0866	<.1060
MAR 08...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02429500 ALABAMA RIVER AT CLAIBORNE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	METH- OMYL WATER FLTRD REC (UG/L) (61696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	METRI- BUZIN SENSOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT 11...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
FEB 26...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAR 08...	<.0102	<.1138	.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
APR 10...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAY 23...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JUN 20...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JUL 26...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
AUG 29...	--	--	<.006	<.002	<.009	<.009	<.011	<.040	<.035	<.006
DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
OCT 11...	<.030	<.002	E.009	<.002	<.005	<.010	<.020	<.017	<.004	<.021
FEB 26...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
MAR 08...	<.002	<.002	E.006	<.010	<.005	<.010	<.020	<.017	.005	<.021
APR 10...	<.002	<.002	E.006	<.002	<.005	<.010	<.020	<.017	<.004	<.021
MAY 23...	<.002	<.002	E.008	<.002	<.005	<.010	<.020	<.017	<.004	<.021
JUN 20...	<.007	<.002	<.016	<.005	<.005	<.010	<.020	<.017	<.004	<.021
JUL 26...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
AUG 29...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
OCT 11...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
FEB 26...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAR 08...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
APR 10...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAY 23...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JUN 20...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JUL 26...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
AUG 29...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

MOBILE RIVER BASIN
MOBILE RIVER MAIN STEM
02429500 ALABAMA RIVER AT CLAIBORNE, AL--Continued
(National Water-Quality Assessment Station)
SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT						
11...	1410	--	5600	8	121	92
NOV						
02...	1015	--	4980	7	94	88
DEC						
13...	1430	--	11800	9	287	83
FEB						
26...	1430	--	76400	110	22700	59
MAR						
08...	1100	--	148000	167	66700	66
21...	1400	25.0	133000	63	22600	--
21...	1410	50.0	133000	67	24100	--
21...	1420	75.0	133000	146	52400	--
APR						
10...	1445	--	131000	38	13400	92
MAY						
23...	1030	--	9340	12	303	95
JUN						
20...	1400	--	10600	16	458	90
JUL						
26...	1110	--	10300	16	445	93
AUG						
29...	1430	--	7420	14	280	95

MOBILE RIVER BASIN

02438000 BUTTAHATCHEE RIVER BELOW HAMILTON, AL

LOCATION.—Lat 34°06'22", long 87°59'22", in NE¹/₄ sec. 15, T. 11 S., R. 14 W., Marion County, Hydrologic Unit 03160103, near right bank on downstream side of bridge on Military Street, 0.5 mi downstream from Woods Creek, 2 mi south of Hamilton, and at mile 82.6.

DRAINAGE AREA:--277 mi².

PERIOD OF RECORD.--October 1950 to September 1970. October 1970 to September 1972 (flood hydrograph only). October 1982 to September 1984 (annual peak only). October 1984 to September 1990 (flood hydrograph only). October 1990 to current year.

REVISÉD RECORDS.--WDR AL-87-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 360.50 ft above sea level. (Levels by U.S. Army Corps of Engineers.) July 7, 1953, to July 10, 1954, nonrecording gage at site 300 ft upstream at same datum.

REMARKS.—No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	38	135	136	609	872	391	235	2830	417	137	192
2	26	39	128	133	501	782	349	227	1410	216	106	823
3	25	40	112	134	427	876	3950	213	725	175	102	1130
4	24	45	104	142	388	1040	13000	199	521	226	102	682
5	24	58	100	137	354	816	3710	191	1010	410	99	437
6	25	55	97	130	321	675	2550	188	644	353	100	281
7	27	61	96	131	296	590	1550	182	6680	247	118	217
8	26	181	93	174	275	527	1230	630	3760	186	106	182
9	26	1300	91	157	326	475	1040	774	1540	158	126	171
10	28	298	90	132	762	423	881	497	965	145	120	186
11	29	138	90	136	506	389	751	337	692	140	125	165
12	29	96	95	160	682	883	743	268	556	135	237	139
13	29	83	170	153	3170	1220	1040	233	440	130	320	127
14	29	78	579	150	1980	783	949	198	373	124	842	143
15	29	70	332	155	1300	2330	1010	179	427	120	256	121
16	29	99	1580	147	2230	1530	913	165	363	116	161	112
17	30	188	1410	159	3410	1010	714	150	283	113	125	105
18	30	138	656	908	1600	789	598	138	241	110	105	99
19	29	112	456	9650	1130	678	535	132	215	107	104	102
20	30	101	335	3330	894	1420	480	141	194	105	100	175
21	32	86	302	1390	741	1490	439	179	186	105	88	152
22	34	78	269	951	1080	1020	395	233	196	103	82	117
23	34	77	229	729	828	806	362	183	210	101	77	104
24	34	425	213	605	682	681	470	181	180	99	73	220
25	35	1340	195	497	1270	587	398	182	164	103	69	289
26	35	496	179	426	1030	512	335	147	152	100	66	173
27	36	285	178	386	867	456	306	131	178	97	114	138
28	37	209	177	342	1080	420	286	141	194	95	153	121
29	38	175	165	526	---	404	266	384	194	94	110	108
30	39	152	149	1480	---	400	246	215	182	122	98	99
31	39	---	140	844	---	388	---	499	---	173	141	---
TOTAL	945	6541	8945	24530	28739	25272	39887	7752	25705	4925	4562	7110
MEAN	30.5	218	289	791	1026	815	1330	250	857	159	147	237
MAX	39	1340	1580	9650	3410	2330	13000	774	6680	417	842	1130
MIN	24	38	90	130	275	388	246	131	152	94	66	99
CFSM	.11	.79	1.04	2.86	3.71	2.94	4.80	.90	3.09	.57	.53	.86
IN.	.13	.88	1.20	3.29	3.86	3.39	5.36	1.04	3.45	.66	.61	.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2001, BY WATER YEAR (WY)

MEAN	119	270	820	838	1017	983	967	594	277	192	136	124
MAX	316	1555	2918	1988	2254	1994	2463	2694	1776	707	251	499
(WY)	1965	1958	1962	1962	1991	1951	1991	1991	1997	1994	1966	1958
MIN	30.5	68.6	88.6	111	223	303	333	126	77.2	46.8	32.6	28.8
(WY)	2001	1954	1966	1956	2000	1966	1992	2000	1952	1952	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1951 - 2001
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ANNUAL TOTAL	91654		184913			
ANNUAL MEAN	250		507		522	
HIGHEST ANNUAL MEAN					1093	1991
LOWEST ANNUAL MEAN					233	2000
HIGHEST DAILY MEAN	8390	Apr 3	13000	Apr 4	23000	Dec 23 1990
LOWEST DAILY MEAN	18	Sep 4-6	24	Oct 4, 5	18	Sep 4-6 2000
ANNUAL SEVEN-DAY MINIMUM	19	Aug 31	25	Oct 2	19	Aug 31 2000
MAXIMUM PEAK FLOW			17200	Apr 4	49500	Mar 16 1973
MAXIMUM PEAK STAGE			23.40	Apr 4	35.49	Mar 16 1973
ANNUAL RUNOFF (CFSM)	.90		1.83		1.88	
ANNUAL RUNOFF (INCHES)	12.31		24.83		25.59	
10 PERCENT EXCEEDS	460		1040		1100	
50 PERCENT EXCEEDS	106		188		220	
90 PERCENT EXCEEDS	26		57		64	

MOBILE RIVER BASIN

02444160 TOMBIGBEE RIVER AT BEVILL LOCK AND DAM NEAR PICKENSVILLE, AL

LOCATION.--Lat 33°12'38", long 88°17'19", in NW¹/₄ sec. 26, T. 21 S., R. 17 W., Pickens County, Hydrologic Unit 03160106, near left bank at dam, 2 mi southwest of Pickensville, 10 mi northwest of Aliceville, and at mile 287.7.

DRAINAGE AREA.--5,750 mi².

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

GAGE.--Water-stage recorder. Datum of gage is at sea level (levels by U.S. Army Corps of Engineers). Prior to October 1, 1999, water-stage recorder at same site at datum 100.00 ft higher.

REMARKS.--Estimated daily discharges: Feb. 4-6. Records good. Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	432	688	2260	2670	11200	25200	5000	3950	9750	4150	1370	5090
2	512	698	2330	1790	10000	21800	6050	2580	10000	4080	709	6060
3	451	697	1440	1350	5910	34600	6130	1910	6160	3020	824	17400
4	619	707	1220	2350	e5330	37700	28000	2860	6830	4640	908	9040
5	594	718	2610	2440	e4520	30200	52300	2090	20800	7910	1490	9260
6	763	743	743	1810	e4470	22200	49200	3040	14000	3830	1650	6930
7	1440	903	1660	3540	4290	17300	46500	1390	24000	4150	842	6050
8	719	2320	1560	7560	4050	10200	32100	1450	39900	2640	763	2860
9	708	10700	781	4080	2880	8030	18900	4070	34400	1690	2270	2930
10	596	4870	1930	3770	7300	8370	14200	2410	34200	1960	7760	2310
11	557	4310	1310	4110	6000	5620	10200	2700	28500	1870	3280	2880
12	610	2610	1430	4190	12000	15100	7900	3990	15300	1270	5070	1180
13	554	2850	1470	3600	38400	35700	15300	3070	10400	2700	6330	1610
14	589	696	9810	3830	54300	25200	17300	3290	5630	976	8200	1540
15	604	837	5160	3290	44800	33100	19100	3800	4390	1320	3090	1300
16	558	2250	16900	3750	38900	35800	24200	797	4400	742	1680	1340
17	649	2330	29400	3120	60200	25000	18700	2100	2810	974	2090	1400
18	706	740	14900	10900	58000	19000	18800	1830	2300	1240	1050	779
19	711	3250	13300	49900	42200	13600	14400	1810	2120	1220	1950	2940
20	668	708	15100	72500	40300	12000	7840	1510	2450	813	1190	3450
21	728	1340	10100	72400	29000	28400	6830	3890	1910	885	1160	1670
22	726	2160	6290	63700	19900	21700	4530	7510	3440	958	1170	1710
23	839	631	2970	50400	14600	18900	5450	4730	2430	1060	1250	946
24	822	5320	3900	28100	9720	14900	7510	3950	2000	911	799	3270
25	796	21800	3640	14900	15100	11300	8710	3030	1400	743	754	3670
26	788	10500	2570	7390	18100	8300	5880	2440	1620	747	767	5410
27	751	6430	5250	6910	15400	7860	5180	2510	3550	754	1170	2860
28	864	5250	4330	5570	27400	5220	4110	1980	1390	805	843	3870
29	803	4750	4310	5220	---	6040	4130	4790	2780	1110	2110	3250
30	630	1330	1700	16700	---	6620	3230	2660	2270	1080	1800	3930
31	644	---	3860	14000	---	5680	---	6500	---	1880	2760	---
TOTAL	21431	103136	174234	475840	604270	570640	467680	94637	301130	62128	67099	116935
MEAN	691	3438	5620	15350	21580	18410	15590	3053	10040	2004	2164	3898
MAX	1440	21800	29400	72500	60200	37700	52300	7510	39900	7910	8200	17400
MIN	432	631	743	1350	2880	5220	3230	797	1390	742	709	779
CFSM	.12	.60	.98	2.67	3.75	3.20	2.71	.53	1.75	.35	.38	.68
IN.	.14	.67	1.13	3.08	3.91	3.69	3.03	.61	1.95	.40	.43	.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

	MEAN	2373	5111	13410	15280	17570	15770	15100	11280	6620	3566	2081	1672
MAX	6530	14060	42160	29990	40590	27680	44220	70040	29030	15340	4533	3898	
(WY)	1985	1987	1984	1989	1991	1995	1983	1991	1997	1994	1998	2001	
MIN	691	780	1956	2060	3493	5447	2128	1489	789	883	564	485	
(WY)	2001	1982	2000	1981	2000	1985	1986	1992	1988	2000	2000	1984	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1981 - 2001
ANNUAL TOTAL	1719193	3059160	
ANNUAL MEAN	4697	8381	9112
HIGHEST ANNUAL MEAN			19390
LOWEST ANNUAL MEAN			3369
HIGHEST DAILY MEAN	118000	72500	178000
LOWEST DAILY MEAN	345	432	196
ANNUAL SEVEN-DAY MINIMUM	399	581	319
MAXIMUM PEAK FLOW		75600	178000
MAXIMUM PEAK STAGE		136.96	144.33
ANNUAL RUNOFF (CFSM)	.82	1.46	1.58
ANNUAL RUNOFF (INCHES)	11.12	19.79	21.53
10 PERCENT EXCEEDS	9150	24500	22600
50 PERCENT EXCEEDS	1640	3450	3770
90 PERCENT EXCEEDS	554	745	774

e Estimated

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 33°05'32", long 88°17'58", in NE 1/4 sec. 4, T. 24 N., R. 3 W., Pickens County, Hydrologic Unit 03160106, downstream side of bridge on County Road 1, 3 mi south of Memphis, and 4 mi northwest of Cochrane.

DRAINAGE AREA.--52.6 mi².

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WDR AL-00-1: 1999(M).

GAGE.--Water-stage recorder. Datum of gage is 140 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges: Jan. 20-24, Feb. 14, 15, 17-20, Mar. 16, Apr. 5-8. Records good except those estimated due to backwater from Tombigbee River, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	2.1	13	22	121	15	1.2	.22	.02	.00	1.3
2	.00	.00	1.0	7.7	12	758	9.9	1.0	.23	.10	.00	892
3	.00	.00	1.2	3.6	7.6	1480	6.1	1.1	.29	3.8	.00	243
4	.00	.00	.17	3.4	5.3	556	503	.99	.23	23	.00	92
5	.00	.00	.08	2.1	4.0	95	e1100	.87	.28	7.5	.00	16
6	.00	.00	.08	1.6	2.8	50	e50	.54	1.7	2.9	.00	6.3
7	.00	.00	.00	186	2.2	38	e32	.47	316	.64	.00	11
8	.00	.00	.00	348	2.2	27	e23	.54	651	.83	.00	4.7
9	.00	.00	.00	60	23	18	19	.65	57	.47	.00	2.9
10	.00	.00	.00	27	53	17	16	2.3	12	.34	.09	2.0
11	.00	.00	.03	103	16	13	15	1.6	3.1	.08	.72	1.6
12	.00	.00	.05	113	489	1150	10	.77	1.5	.07	2.1	1.7
13	.00	.00	.80	47	419	371	26	.87	1.4	.04	1.2	.66
14	.00	.00	8.8	46	e130	157	30	.65	.51	.03	.18	.21
15	.00	.00	4.0	62	e65	1730	15	.62	.38	.01	.15	.17
16	.00	12	6.6	36	558	e140	12	.55	.16	.00	.13	.14
17	.00	18	6.3	97	e450	51	7.3	.54	.08	.00	.15	.11
18	.00	3.1	3.7	123	e60	31	4.4	.64	.04	.00	.03	.29
19	.00	93	2.6	2280	e28	26	2.9	.61	.02	.00	.01	204
20	.00	23	1.5	e400	e24	548	3.2	.51	.01	.00	.01	292
21	.00	4.3	.94	e50	15	218	4.6	.46	.01	.00	.00	10
22	.00	2.0	1.4	e25	11	46	2.5	.57	.00	.00	.00	2.8
23	.00	.70	.52	e18	8.1	23	2.2	.63	.00	.00	.00	1.7
24	.00	626	.19	e14	6.8	16	3.4	.50	.00	.00	.00	1.6
25	.00	439	.14	11	10	17	3.1	.34	.00	.00	.00	1.1
26	.00	49	.11	5.9	13	11	3.1	.23	.01	.00	.00	.76
27	.00	17	368	5.5	178	10	2.4	.14	.04	.00	.12	.68
28	.00	6.4	334	8.4	584	5.7	1.5	.11	.04	.00	.44	.49
29	.00	4.1	105	256	---	5.6	1.4	.11	.04	.00	.31	.46
30	.00	1.9	37	394	---	9.0	1.2	.08	.03	.00	.78	.39
31	.00	---	19	63	---	8.1	---	.25	---	.00	1.1	---
TOTAL	0.00	1299.50	905.31	4810.2	3199.0	7746.4	1925.2	20.44	1046.32	39.83	7.52	1792.06
MEAN	.000	43.3	29.2	155	114	250	64.2	.66	34.9	1.28	.24	59.7
MAX	.00	626	368	2280	584	1730	1100	2.3	651	23	2.1	892
MIN	.00	.00	.00	1.6	2.2	5.6	1.2	.08	.00	.00	.00	.11
CFSM	.00	.82	.56	2.95	2.17	4.75	1.22	.01	.66	.02	.00	1.14
IN.	.00	.92	.64	3.40	2.26	5.48	1.36	.01	.74	.03	.01	1.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
MEAN	.39	14.6	39.6	180	56.9	141	109	10.5	52.6	11.5	.088	19.9
MAX	1.17	43.3	74.2	334	114	250	234	30.6	122	33.1	.24	59.7
(WY)	2000	2001	1999	1999	2001	2001	2000	1999	1999	1999	2001	2001
MIN	.000	.000	15.2	49.5	6.59	24.7	28.2	.33	.83	.078	.000	.000
(WY)	1999	1999	2000	2000	2000	2000	1999	2000	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1999 - 2001
ANNUAL TOTAL	11754.24	22791.78	
ANNUAL MEAN	32.1	62.4	53.0
HIGHEST ANNUAL MEAN			69.0
LOWEST ANNUAL MEAN			27.5
HIGHEST DAILY MEAN	3450	2280	3450
LOWEST DAILY MEAN	.00	.00	.00
ANNUAL SEVEN-DAY MINIMUM	.00	.00	.00
MAXIMUM PEAK FLOW		3120	3710
MAXIMUM PEAK STAGE		14.82	16.29
ANNUAL RUNOFF (CFSM)	.61	1.19	1.01
ANNUAL RUNOFF (INCHES)	8.31	16.12	13.68
10 PERCENT EXCEEDS	25	122	63
50 PERCENT EXCEEDS	.14	1.2	.77
90 PERCENT EXCEEDS	.00	.00	.00

e Estimated

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1999 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	CAF- FINE, WATER FLTRD REC (UG/L) (50305)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
NOV 17...	1215	10.2	8.9	758	1.57	12	308	321	10.5	94	<.081	7.9	7.5
DEC 13...	1100	4.9	35.0	755	1.09	.25	507	517	11.0	87	<.081	8.3	7.9
28...	1400	5.4	3.4	754	4.35	425	209	222	13.0	104	<.081	8.5	7.9
JAN 25...	1100	6.7	5.0	764	1.59	9.4	374	383	13.5	110	<.081	7.8	7.8
FEB 20...	1215	11.9	--	760	1.71	18	334	339	11.2	103	<.081	8.1	7.9
28...	1115	11.8	15.5	757	5.10	590	190	202	10.8	100	--	7.6	7.9
MAR 12...	1510	12.5	--	753	11.39	2140	155	171	11.6	110	<.081	8.0	7.9
28...	1030	10.6	--	762	1.50	6.4	447	449	14.1	127	<.081	8.4	8.3
APR 25...	1200	22.0	21.0	764	1.39	3.0	505	507	9.9	113	E.038	8.1	7.7
MAY 22...	1000	26.6	22.7	756	1.16	.50	500	493	8.4	106	<.010	8.0	7.9
JUL 13...	1100	29.5	33.3	757	1.06	.02	382	371	6.5	86	<.010	7.7	7.8
AUG 30...	1300	25.8	--	757	1.39	.81	456	442	8.7	108	<.010	7.7	7.8
SEP 19...	1230	26.8	--	756	1.16	.58	341	345	9.3	118	<.010	8.1	8.1

DATE	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
NOV	17...	.0	67	55	4.0	3.3	--	<.041	.031	2.80	.49
DEC	13...	5	60	58	4.1	3.7	--	<.041	.024	3.19	.50
	28...	--	51	43	5.2	4.5	1.3	.64	.081	.014	3.78
JAN	25...	--	111	92	2.6	2.4	.81	.66	.120	.014	1.64
FEB	20...	--	117	97	1.3	1.1	.77	.51	.065	.016	.463
	28...	--	80	66	2.4	1.6	1.4	.60	.051	.008	.974
MAR	12...	--	68	57	3.4	.69	3.1	.32	.060	.009	.299
	28...	4	132	116	1.0	.88	--	--	<.041	.024	.298
APR	25...	--	155	128	--	--	--	--	<.041	<.006	--
MAY	22...	--	88	73	--	--	--	--	E.032	<.006	--
JUL	13...	0	87	72	--	--	--	--	<.040	<.006	--
AUG	30...	--	79	65	--	--	--	--	<.040	<.006	--
SEP	19...	1	82	68	--	--	--	--	<.040	<.006	--

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L ASN) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L ASC) (00681)
NOV 17...	1.1	2.83	--	12.4	.102	--	.270	.380	.120	.088	8.2
DEC 13...	.91	3.21	--	14.1	.079	.389	--	.059	.011	<.018	7.0
28...	1.4	3.79	.10	16.7	.046	.896	.515	.689	.196	.168	8.5
JAN 25...	.93	1.65	.15	7.26	.046	.396	.711	.334	.271	.232	6.8
FEB 20...	.84	.479	.08	2.05	.053	.338	.113	.147	.057	.037	7.0
28...	1.4	.982	.07	4.31	.026	.712	.276	.713	.096	.090	8.8
MAR 12...	3.1	.308	.08	1.32	.030	1.7	.199	2.22	.079	.065	6.3
28...	.69	.322	--	1.32	.079	.304	--	.087	.016	<.018	6.0
APR 25...	.79	<.047	--	--	--	E.408	--	.090	.015	<.018	6.6
MAY 22...	.63	<.050	--	--	--	.321	--	.087	.011	<.020	6.0
JUL 13...	.76	E.027	--	--	--	.227	--	.081	.017	<.020	9.9
AUG 30...	.50	<.050	--	--	--	.173	--	.062	.009	<.020	4.9
SEP 19...	.45	<.050	--	--	--	.108	--	.057	.020	<.020	5.6

DATE	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
NOV 17...	3.5	--	120	69	46.3	1.94	6.7	.3	10	3.43	17.7
DEC 13...	2.3	2.4	220	160	81.9	3.42	10.3	.3	9	4.10	27.1
28...	--	15	88	46	32.8	1.57	3.6	.2	8	3.62	11.1
JAN 25...	2.7	140	51		52.9	2.39	14.4	.5	17	6.58	23.0
FEB 20...	--	2.6	140	39	51.3	1.78	10.5	.4	14	2.74	20.3
28...	--	11	83	18	31.3	1.27	3.5	.2	8	2.37	6.1
MAR 12...	21	67	12		25.4	.944	3.7	.2	10	1.88	6.7
28...	--	1.9	170	55	64.5	2.33	17.2	.6	18	3.29	35.2
APR 25...	--	E2.4	220	93	82.8	3.15	16.2	.5	14	3.89	32.2
MAY 22...	--	2.9	190	120	70.6	3.24	16.6	.5	16	4.07	40.0
JUL 13...	--	1.8	140	72	53.4	2.50	12.1	.4	15	4.17	31.6
AUG 30...	--	2.1	200	130	74.5	3.15	8.4	.3	8	3.71	8.9
SEP 19...	--	1.0	140	75	53.8	2.36	8.7	.3	11	4.64	15.0

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	SULFATE DIS- SOLVED (MG/L AS SO ₄) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO ₂) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
NOV 17...	45.2	.3	5.9	M	5.6	199	173	6.66	.27
DEC 13...	128	.3	2.4	<10	E1.6	334	306	.23	.45
28...	16.0	.2	6.0	20	6.2	137	117	157	.19
JAN 25...	40.0	.2	5.2	10	6.6	229	208	5.80	.31
FEB 20...	33.0	.2	4.8	20	4.7	212	185	10.3	.29
28...	10.9	.2	6.0	50	4.7	123	106	196	.17
MAR 12...	10.5	.2	3.1	20	<3.2	103	88	595	.14
28...	42.2	.3	1.8	M	E2.3	270	238	4.66	.37
APR 25...	64.8	.3	1.2	<10	E2.4	312	281	2.56	.42
MAY 22...	96.7	.4	1.7	<10	<3.0	319	277	.43	.43
JUL 13...	47.4	.4	1.7	<10	4.2	240	197	.01	.33
AUG 30...	133	.3	1.9	<10	E2.7	302	272	.66	.41
SEP 19...	63.5	.3	1.8	<10	E1.6	214	191	.34	.29

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	DEISO- PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	DEETHYL BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	DEETHYL BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04039)	ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)
NOV 17...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	E.02	E.03	E.032	.021	<.003
DEC 13...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	M	<.06	E.044	<.018	<.003
28...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	<.07	<.06	E.023	<.018	<.003
JAN 25...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	<.07	<.06	E.025	<.018	<.003
FEB 20...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	<.07	<.06	E.024	<.018	<.003
28...	<.010	<.002	--	--	--	--	<.011	<.015	--	--	E.019	E.004	<.003
MAR 12...	<.010	<.002	<.08	<.05	<.10	<.06	.898	<.015	<.07	<.06	E.005	<.018	<.003
28...	<.010	<.002	<.08	<.05	<.10	<.06	.237	<.015	<.07	<.06	E.024	<.018	<.003
APR 25...	<.010	<.002	<.08	<.05	<.10	<.06	.023	<.015	<.07	<.06	E.063	E.006	<.003
MAY 22...	<.010	<.002	<.03	<.01	<.01	<.03	.047	<.015	E.26	<.01	E.498	<.018	<.003
JUL 13...	<.010	<.002	<.03	<.01	<.01	<.03	.018	<.015	E.39	E.07	E.451	.445	<.003
AUG 30...	<.010	<.002	<.03	<.01	<.01	<.03	<.011	<.015	E.02	E.05	E.062	E.017	<.003
SEP 19...	<.010	<.002	<.03	<.01	<.01	<.03	<.011	<.015	E.02	E.02	E.027	.020	<.003

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
NOV 17...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	M	<.05	.16	<.02
DEC 13...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	E.01	<.05	E.03	<.02
28...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	E.01	<.05	E.08	<.02
JAN 25...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	E.05	<.05	--	<.02
FEB 20...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.01	<.02
28...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
MAR 12...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.02	<.02
28...	<.005	<.005	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.01	<.02
APR 25...	<.005	<.003	E.07	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.01	<.02
MAY 22...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	<.03	<.01
JUL 13...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	E.02	<.02	.15	<.01
AUG 30...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	E.04	<.01
SEP 19...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	E.07	<.01

DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
NOV 17...	<.005	<.004	<.005	.099	<.027	<.007	<.005	.166	<.08	<.002	<.10	<.07	<.004
DEC 13...	<.005	<.004	<.005	.035	<.027	<.007	<.005	.136	E.06	<.002	<.10	<.07	<.004
28...	<.005	<.004	<.005	.091	<.027	<.007	<.005	.078	<.08	<.002	E.09	<.07	<.004
JAN 25...	<.005	<.004	<.005	.034	<.027	<.007	<.005	.058	E.03	<.002	<.10	<.07	<.004
FEB 20...	<.005	<.004	<.005	.049	<.027	<.007	<.005	.044	<.08	<.002	<.10	<.07	<.004
28...	<.005	<.004	<.005	.032	<.027	<.007	<.005	.049	--	<.002	--	--	<.004
MAR 12...	<.005	<.004	<.005	<.013	<.027	<.007	.005	.038	.12	<.002	<.10	<.07	<.004
28...	<.005	<.004	<.005	.016	<.027	<.007	.011	4.50	E.04	<.002	E.08	<.07	<.004
APR 25...	.005	<.004	<.005	.068	<.027	<.007	.008	2.57	.34	<.002	E.09	<.07	<.004
MAY 22...	.006	<.004	<.005	.632	<.027	<.007	<.005	E3.64	.08	<.002	<.02	<.01	<.004
JUL 13...	<.005	<.004	<.005	.081	<.027	<.007	<.005	1.77	E.10	<.002	<.02	<.01	<.004
AUG 30...	<.005	<.004	<.005	.026	<.027	<.007	<.005	E.348	<.02	<.002	<.02	<.01	<.004
SEP 19...	<.005	<.004	<.005	.024	<.027	<.007	<.007	E.077	<.02	<.002	<.02	<.01	<.004

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
NOV 17...	<.07	<.07	<.08	<.07	<.08	<.07	E.05	<.04	<.05	<.07	<.04	<.05	<.06
DEC 13...	<.07	<.07	<.08	<.07	<.08	<.07	M	<.04	<.05	<.07	<.04	<.05	<.06
28...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
JAN 25...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	.11	<.04	<.05	<.06
FEB 20...	<.07	<.07	<.08	<.07	<.08	<.07	E.02	<.04	<.05	<.07	<.04	<.05	<.06
MAR 12...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
28...	<.07	<.07	<.08	<.07	<.08	<.07	E.03	<.04	<.05	<.07	<.04	<.05	<.06
APR 25...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
MAY 22...	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01	<.01	<.01	<.01	<.04	<.01
JUL 13...	<.02	<.02	<.02	<.01	<.0044	<.03	.16	<.01	<.01	<.01	<.01	<.04	<.01
AUG 30...	<.02	<.02	<.02	<.01	M	<.03	<.01	<.01	<.01	<.01	<.01	<.04	<.01
SEP 19...	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01	<.01	<.01	<.01	<.04	<.01

DATE	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)
NOV 17...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.335
DEC 13...	<.06	<.06	<.06	<.08	<.16	<.03	E.01	<.072	<.061	<.022	<.037	<.039	E.121
28...	<.06	<.06	<.06	<.08	<.16	<.03	E.03	<.072	<.061	<.022	<.037	<.039	E.270
JAN 25...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.065
FEB 20...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.162
MAR 12...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E.157
28...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
APR 25...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	E1.51
MAY 22...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.009	E1.20
JUL 13...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.009	E2.08
AUG 30...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.009	E.832
SEP 19...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.009	E.460

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL- FURON WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	UREA 3 4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (61695)
NOV 17...	E.049	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
DEC 13...	E.003	E.003	E.005	<.088	<.064	E.008	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
28...	E.089	E.020	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
JAN 25...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	E.04	<.0915	<.0482	<.0866	<.1060
FEB 20...	E.010	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	E.0369	<.0482	<.0866	<.1060
MAR 12...	<.103	<.057	<.065	E.103	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
28...	<.103	<.057	<.065	E.069	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
APR 25...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
MAY 22...	<.016	.039	E.012	<.017	<.013	<.009	<.021	-	<.02	<.0242	<.0158	E.0098	<.0068
JUL 13...	<.016	E.018	E.216	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	E.0555	<.0068
AUG 30...	<.016	<.020	<.013	<.017	<.013	<.009	<.002	<.01	<.02	<.0242	<.0158	<.0110	<.0068
SEP 19...	<.016	<.020	<.013	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068

DATE	METH- OMYL OXIME WATER FLTRD REC (UG/L) (61696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
NOV 17...	<.0102	<.1138	<.006	<.002	E.005	<.009	<.011	<.034	<.035	<.006
DEC 13...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
28...	<.0102	<.1138	.018	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JAN 25...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
FEB 20...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
28...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAR 12...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
28...	<.0102	<.1138	.030	<.002	<.009	<.009	<.011	<.034	<.035	<.006
APR 25...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAY 22...	<.0110	<.0250	.089	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JUL 13...	<.0110	<.0250	.007	<.002	<.009	<.009	<.011	<.034	<.035	<.006
AUG 30...	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
SEP 19...	<.0110	E.0073	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
NOV 17...	<.002	<.002	<.016	<.002	<.005	<.010	<.030	<.017	<.004	<.021
DEC 13...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
28...	<.002	<.021	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
JAN 25...	<.002	<.002	E.013	<.002	<.005	<.010	<.020	<.017	<.004	<.021
FEB 20...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
28...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
MAR 12...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	.020	<.021
28...	<.002	<.002	.087	13.9	<.005	<.010	<.020	<.017	<.004	<.021
APR 25...	<.013	<.002	E.007	<.002	<.005	<.010	<.020	<.017	<.004	<.021
MAY 22...	<.040	<.002	<.016	<.020	<.005	<.010	<.020	<.017	<.004	<.021
JUL 13...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
AUG 30...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
SEP 19...	<.002	<.002	E.006	<.002	<.005	<.010	<.040	<.017	<.004	<.021
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
NOV 17...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
DEC 13...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
28...	<.002	<.011	<.041	<.005	<.003	<.011	<.007	<.023	<.050	<.006
JAN 25...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
FEB 20...	<.002	<.011	E.009	<.005	<.003	<.010	<.007	<.023	<.050	<.006
28...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAR 12...	<.002	<.011	E.008	<.005	<.003	<.010	<.007	<.023	<.050	<.006
28...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
APR 25...	<.002	E.005	E.004	<.005	<.003	E.013	<.007	<.023	<.050	<.006
MAY 22...	<.002	<.011	<.041	<.005	<.003	E.027	<.007	<.023	<.050	<.006
JUL 13...	<.002	<.011	<.041	<.005	<.003	E.008	<.007	<.023	<.050	<.006
AUG 30...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
SEP 19...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV 17...	1215	12	205	6.9	99
DEC 28...	1400	425	490	562	94
JAN 25...	1100	9.4	50	1.3	96
FEB 20...	1215	18	77	3.7	98
	28...	590	647	1030	91
MAR 12...	1510	2140	2450	14200	84
	28...	6.4	19	.33	93
APR 25...	1200	3.0	17	.14	97
MAY 22...	1000	.50	41	.06	96
JUL 13...	1100	.02	22	.00	93
AUG 30...	1300	.81	23	.05	97
SEP 19...	1230	.58	12	.02	91

MOBILE RIVER BASIN

02444500 TOMBIGBEE RIVER NEAR COCHRANE, AL

LOCATION.--Lat 33°04'52", long 88°14'16", in NW¹/₄ sec. 7, T. 24 N., R. 2 W., Pickens County, Hydrologic Unit 03160106, near left bank on downstream side of bridge on State Highway 17, 1.2 mi northeast of Cochrane, 2.2 mi downstream from Boguechitto Creek, 7 mi southwest of Aliceville, and at mile 271.4.

DRAINAGE AREA.--5,940 mi².

PERIOD OF RECORD.--October 1938 to March 1978. April 1978 to September 1978 (high-water discharge only). October 1981 to current year (gauge heights only). Monthly discharge only for period October to December 1938, published in WSP 1304. Gauge-height records collected at same site from November 1909 to September 1924 are contained in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is at sea level. Prior to July 10, 1939, nonrecording gage at site 200 ft downstream at same datum. Jan. 30, 1940 to September 1978, auxiliary water-stage recorder or nonrecording gage 14 mi downstream from base gage at datum 7.76 ft lower. Prior to October 1, 1999, water-stage recorder at same site at datum 89.85 ft higher.

REMARKS.--Records good. Records since Jan. 16, 1985 include diversions from Tennessee River basin through Bay Springs lock on Tennessee Tombigbee Waterway.

AVERAGE DISCHARGE.--39 years (water years 1939-77), 8,655 ft³/s, 19.62 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 166,000 ft³/s, Mar. 21, 1973; maximum gage height, 137.22 ft, Mar. 21, 1973; minimum discharge, 165 ft³/s, September 21, 1954; gage height, 92.19 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in April 1892 reached a stage of 140.05 ft, present datum (discharge not determined), from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 121.47 ft, Jan. 21; minimum gage height, 108.90 ft, Oct. 3.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108.98	109.12	109.54	109.54	110.40	112.96	109.67	109.55	109.95	109.54	109.49	109.57
2	108.99	109.11	109.47	109.35	110.23	111.95	109.74	109.54	110.09	109.51	109.41	109.83
3	108.96	109.09	109.37	109.45	109.90	114.10	109.73	109.40	109.65	109.44	109.41	111.05
4	109.00	109.10	109.46	109.54	109.77	115.29	111.95	109.50	109.58	109.49	109.45	110.13
5	108.99	109.13	109.50	109.46	109.71	114.37	116.71	109.50	110.98	109.71	109.49	109.98
6	109.06	109.15	109.16	109.54	109.66	112.51	117.79	109.48	110.67	109.52	109.32	109.78
7	109.22	109.24	109.38	109.57	109.71	111.54	117.07	109.46	111.25	109.51	109.28	109.75
8	109.26	109.51	109.47	109.95	109.62	110.34	115.20	109.42	114.42	109.44	109.35	109.49
9	109.22	110.08	109.34	109.63	109.58	109.98	112.06	109.48	114.20	109.43	109.51	109.50
10	109.20	109.72	109.47	109.70	109.77	109.98	110.83	109.39	113.67	109.39	109.79	109.45
11	109.15	109.63	109.44	109.58	109.82	109.68	110.37	109.70	113.20	109.44	109.43	109.51
12	109.12	109.48	109.46	109.64	110.24	110.71	110.04	109.41	111.03	109.50	109.62	109.45
13	109.08	109.47	109.39	109.56	113.52	114.25	110.67	109.58	110.10	109.41	109.57	109.50
14	109.06	109.22	110.02	109.49	116.94	113.11	111.27	109.45	109.66	109.41	109.77	109.43
15	109.07	109.33	109.52	109.62	116.68	115.14	110.96	109.65	109.58	109.49	109.45	109.40
16	109.07	109.50	110.55	109.53	115.37	117.33	112.21	109.41	109.55	109.47	109.43	109.48
17	109.05	109.43	112.37	109.52	117.35	115.08	111.25	109.48	109.51	109.52	109.44	109.50
18	109.07	109.35	110.89	109.99	119.07	113.28	111.19	109.36	109.43	109.44	109.45	109.40
19	109.08	109.53	110.45	114.67	116.79	111.69	110.80	109.45	109.35	109.46	109.42	109.59
20	109.10	109.25	110.57	120.07	115.84	111.18	109.91	109.49	109.52	109.42	109.47	109.57
21	109.12	109.38	110.07	121.33	114.12	113.50	109.72	109.54	109.49	109.46	109.32	109.35
22	109.12	109.54	109.74	120.83	111.75	112.81	109.64	109.81	109.43	109.51	109.42	109.40
23	109.15	109.30	109.43	118.78	111.06	111.73	109.72	109.50	109.41	109.45	109.43	109.41
24	109.15	109.74	109.55	114.57	110.23	111.13	109.70	109.45	109.29	109.32	109.34	109.48
25	109.16	111.37	109.58	111.22	110.56	110.51	109.95	109.63	109.35	109.35	109.34	109.44
26	109.16	110.33	109.44	110.07	111.43	110.09	109.60	109.37	109.42	109.38	109.37	109.46
27	109.17	109.75	109.69	109.89	110.53	109.86	109.59	109.55	109.52	109.38	109.42	109.39
28	109.16	109.67	109.65	109.82	112.56	109.69	109.57	109.55	109.20	109.41	109.34	109.43
29	109.17	109.65	109.55	110.02	---	109.75	109.54	109.53	109.50	109.47	109.43	109.46
30	109.17	109.41	109.49	111.28	---	109.84	109.48	109.31	109.44	109.44	109.25	109.46
31	109.16	---	109.64	110.83	---	109.70	---	109.61	---	109.43	109.49	---
MEAN	109.11	109.52	109.76	111.49	112.22	112.03	111.20	109.50	110.31	109.46	109.44	109.59
MAX	109.26	111.37	112.37	121.33	119.07	117.33	117.79	109.81	114.42	109.71	109.79	111.05
MIN	108.96	109.09	109.16	109.35	109.58	109.68	109.48	109.31	109.20	109.32	109.25	109.35
CAL YR 2000		MEAN 109.76	MAX 128.22	MIN 108.82								
WTR YR 2001		MEAN 110.29	MAX 121.33	MIN 108.96								

MOBILE RIVER BASIN

02446500 SIPSEY RIVER NEAR ELROD, AL

LOCATION.--Lat 33°15'25", long 87°46'35", in NE 1/4 sec. 3, T. 21 S., R. 12 W., Tuscaloosa County, Hydrologic Unit 03160107, on left bank at downstream side of bridge on State Highway 140, 0.2 mi upstream from Gulf, Mobile & Ohio Railroad bridge, 1.0 mi east of Elrod, 2.0 mi downstream from Box Creek, and at mile 50.7.

DRAINAGE AREA.--528 mi².

PERIOD OF RECORD.--August 1928 to March 1932, October 1939 to September 1971, October 1978 to current year.

REVISED RECORDS.--WSP 1434: 1929. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 197.81 ft above sea level. Prior to Mar. 31, 1932, nonrecording gage at railroad bridge 0.2 mi downstream from present site at datum 1.93 ft higher. Nov. 1 to Dec. 11, 1939, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	37	319	288	1050	1320	960	342	349	418	91	206
2	33	37	248	253	1010	1370	848	317	372	343	87	464
3	32	37	211	227	1040	1800	779	293	347	303	86	807
4	30	38	185	210	1140	2480	863	270	397	350	88	960
5	29	39	166	195	1270	2530	1030	251	545	349	98	980
6	35	41	152	186	1230	2440	1120	237	524	315	109	969
7	44	43	141	197	1080	2430	1530	229	442	297	117	1020
8	41	53	134	368	896	2570	6310	221	584	300	123	1140
9	37	107	129	456	709	2430	5370	203	860	360	135	1660
10	38	193	126	482	676	2080	3650	223	1240	334	139	1880
11	42	285	125	541	648	1680	2770	392	2290	259	131	1410
12	44	310	124	591	678	1500	2150	560	5900	213	158	1130
13	42	310	122	560	890	1890	1720	684	3940	188	237	999
14	38	238	135	515	1040	1830	1390	789	2770	172	272	983
15	38	171	168	505	1170	2560	1170	887	2030	156	285	1070
16	37	141	227	495	2140	3840	1060	915	1470	143	216	1130
17	38	151	284	468	3500	5110	991	722	1110	131	173	990
18	38	162	348	467	3760	4610	1010	475	779	126	154	590
19	37	195	406	700	3550	3740	1140	343	518	119	143	356
20	36	219	492	1070	3010	4440	1320	274	402	108	125	290
21	36	220	547	1090	2730	4240	1310	237	336	107	112	252
22	35	208	515	1140	3130	3290	1170	250	289	105	109	234
23	35	184	399	1260	2890	2680	1020	319	260	101	109	237
24	35	171	317	2680	2320	2360	857	407	240	100	99	219
25	35	229	274	4040	1850	2310	708	446	227	101	88	199
26	35	289	247	2980	1470	2360	604	369	215	102	81	188
27	36	363	245	2250	1290	2070	543	302	244	101	76	215
28	35	444	321	1670	1290	1690	499	264	459	96	73	244
29	36	510	382	1310	---	1360	439	253	687	89	80	217
30	36	451	371	1290	---	1190	380	234	649	88	97	187
31	36	---	330	1160	---	1070	---	251	---	91	112	---
TOTAL	1134	5876	8190	29644	47457	77270	44711	11959	30475	6065	4003	21226
MEAN	36.6	196	264	956	1695	2493	1490	386	1016	196	129	708
MAX	44	510	547	4040	3760	5110	6310	915	5900	418	285	1880
MIN	29	37	122	186	648	1070	380	203	215	88	73	187
CFSM	.07	.37	.50	1.81	3.21	4.72	2.82	.73	1.92	.37	.24	1.34
IN.	.08	.41	.58	2.09	3.34	5.44	3.15	.84	2.15	.43	.28	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2001, BY WATER YEAR (WY)

	MEAN	158	435	917	1420	1736	1733	1493	795	366	305	201	188
	MAX	520	3163	3955	4048	4813	4390	4163	4902	2177	2026	1030	1307
	(WY)	1990	1930	1984	1949	1990	1980	1979	1991	1997	1940	1941	1950
	MIN	25.2	69.3	126	133	523	416	239	130	65.6	49.6	28.4	26.6
	(WY)	1955	1954	1944	1956	2000	1988	1986	1941	1941	1954	1954	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1928 - 2001
ANNUAL TOTAL	199212	288010	
ANNUAL MEAN	544	789	804
HIGHEST ANNUAL MEAN			1621
LOWEST ANNUAL MEAN			282
HIGHEST DAILY MEAN	11100	6310	23500
LOWEST DAILY MEAN	25	29	13
ANNUAL SEVEN-DAY MINIMUM	26	34	15
MAXIMUM PEAK FLOW		6960	27800
MAXIMUM PEAK STAGE		15.02	18.83
ANNUAL RUNOFF (CFSM)	1.03	1.49	1.52
ANNUAL RUNOFF (INCHES)	14.04	20.29	20.70
10 PERCENT EXCEEDS	1120	2300	1970
50 PERCENT EXCEEDS	141	343	370
90 PERCENT EXCEEDS	33	44	75

MOBILE RIVER BASIN

02447025 TOMBIGBEE RIVER AT HEFLIN LOCK AND DAM NEAR GAINESVILLE, AL

LOCATION.--Lat 32°50'53", long 88°09'22", in NE¹/₄ sec. 35, T. 22 N., R. 2 W., Greene County, Hydrologic Unit 03160106, near left bank at dam, 1.0 mi downstream from Turkey Paw Branch, 1.8 mi north of Gainesville, 2.4 mi upstream from Noxubee River, and at mile 238.6.

DRAINAGE AREA.--7,230 mi².

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

REVISED RECORDS.--WDR AL-84-1: Drainage area. WDR AL-91-1: 1979, 1983, 1984.

GAGE.--Water-stage recorder. Datum of gage is at sea level (levels by U.S. Army Corps of Engineers). Prior to October 1, 1999, water-stage recorder at same site at datum 65.00 ft higher.

REMARKS.--Estimated daily discharges: June 1-4. Records good. Records since Jan. 16, 1985 include diversions from Tennessee River basin through Bay Springs lock on Tennessee Tombigbee Waterway.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	380	499	2390	3460	15300	33300	7670	4270	e7970	4770	1560	5430
2	355	595	2470	2930	13500	27100	7780	2130	e9010	3720	627	8180
3	362	478	1260	1050	8560	39400	6910	2340	e7070	3080	699	21300
4	392	530	1580	2680	7760	48200	22500	2870	e8500	5900	825	15000
5	384	495	2900	2310	6420	44000	53600	1740	16600	7530	1650	12500
6	615	517	972	2530	5700	31700	63900	3530	18300	3570	1790	8800
7	678	545	667	3470	7240	24400	58400	1620	19500	5560	685	8800
8	602	2330	2210	9910	5240	15200	48700	1530	40500	1870	627	4330
9	648	8650	566	4660	3960	12900	28400	3360	40400	1970	1640	3290
10	583	6600	1320	5260	9250	10800	19200	2880	35800	2880	8930	4360
11	519	4750	1410	4890	7940	8770	15800	5190	34600	1500	2430	4550
12	521	2800	1550	5840	11800	14900	13100	4000	21100	1690	5630	2490
13	520	2810	693	4610	32100	40100	16200	3930	12100	2930	6040	3660
14	527	1490	9660	3440	55200	35000	22800	1410	8380	761	8470	3170
15	488	626	5990	5910	55300	45700	18800	4010	7510	1450	3200	2570
16	439	2580	12900	3980	48100	61900	27900	1230	7610	774	1610	1380
17	470	2100	27000	4170	58000	49300	21600	3060	5750	1020	2560	2430
18	577	717	18400	8880	71400	37200	20600	2240	3890	1550	941	1910
19	465	4100	14100	45000	58700	27000	18000	2590	3460	1250	2150	3860
20	484	604	14300	86700	51000	24000	9780	2100	3230	681	911	6470
21	551	738	11400	91900	42500	37100	7390	4120	2140	749	1710	2150
22	454	2410	6120	85100	26500	35200	6230	8510	4560	960	795	1730
23	566	987	3040	64800	21200	27200	6110	2940	2530	1370	1500	1250
24	650	4630	4380	40800	13400	22700	8230	3760	2160	966	902	3960
25	558	20400	3940	22000	15600	17400	10800	4300	1140	639	725	852
26	518	13700	2170	10700	23900	13200	5810	2180	1940	712	666	2720
27	636	7260	5960	9530	15600	10700	6440	3670	3860	689	1230	740
28	674	6580	5800	8140	29400	8350	5200	2160	1780	674	880	1520
29	516	4880	4980	7850	---	8820	4280	5900	1740	837	2040	832
30	534	1180	3410	21200	---	9480	4710	2570	4110	1390	1500	1890
31	591	---	3990	19500	---	6920	---	4470	---	1690	3150	---
TOTAL	16257	106581	177528	593200	720570	827940	566840	100610	337240	65132	68073	142124
MEAN	524	3553	5727	19140	25730	26710	18890	3245	11240	2101	2196	4737
MAX	678	20400	27000	91900	71400	61900	63900	8510	40500	7530	8930	21300
MIN	355	478	566	1050	3960	6920	4280	1230	1140	639	627	740
CFSM	.07	.49	.79	2.65	3.56	3.69	2.61	.45	1.55	.29	.30	.66
IN.	.08	.55	.91	3.05	3.71	4.26	2.92	.52	1.74	.34	.35	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2001, BY WATER YEAR (WY)

	MEAN	2621	6202	15200	20590	22270	22930	21540	14350	7852	4250	2259	2373
MAX	7226	17800	52060	38290	55070	60760	60770	85110	34660	17460	4726	16710	
(WY)	1990	1980	1984	1989	1990	1980	1983	1991	1997	1989	1998	1979	
MIN	495	846	2076	2481	4178	6236	2537	1665	757	686	485	371	
(WY)	1979	1982	2000	1981	2000	1988	1986	1992	1988	2000	2000	2000	

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR

ANNUAL TOTAL	2142917
ANNUAL MEAN	5855
HIGHEST ANNUAL MEAN	
LOWEST ANNUAL MEAN	
HIGHEST DAILY MEAN	142000
LOWEST DAILY MEAN	181
ANNUAL SEVEN-DAY MINIMUM	265
MAXIMUM PEAK FLOW	
MAXIMUM PEAK STAGE	
ANNUAL RUNOFF (CFSM)	.81
ANNUAL RUNOFF (INCHES)	11.03
10 PERCENT EXCEEDS	10300
50 PERCENT EXCEEDS	1620
90 PERCENT EXCEEDS	430

FOR 2001 WATER YEAR

ANNUAL TOTAL	3722095
ANNUAL MEAN	10200
HIGHEST ANNUAL MEAN	
LOWEST ANNUAL MEAN	
HIGHEST DAILY MEAN	91900
LOWEST DAILY MEAN	355
ANNUAL SEVEN-DAY MINIMUM	452
MAXIMUM PEAK FLOW	108000
MAXIMUM PEAK STAGE	109.95
ANNUAL RUNOFF (CFSM)	1.41
ANNUAL RUNOFF (INCHES)	19.15
10 PERCENT EXCEEDS	30300
50 PERCENT EXCEEDS	3960
90 PERCENT EXCEEDS	627

WATER YEARS 1978 - 2001

ANNUAL TOTAL	11840
ANNUAL MEAN	24850
HIGHEST ANNUAL MEAN	3814
LOWEST ANNUAL MEAN	
HIGHEST DAILY MEAN	190000
LOWEST DAILY MEAN	93
ANNUAL SEVEN-DAY MINIMUM	200
MAXIMUM PEAK FLOW	190000
MAXIMUM PEAK STAGE	120.74
ANNUAL RUNOFF (CFSM)	1.64
ANNUAL RUNOFF (INCHES)	22.25
10 PERCENT EXCEEDS	29900
50 PERCENT EXCEEDS	4680
90 PERCENT EXCEEDS	715

e Estimated

MOBILE RIVER BASIN

02448500 NOXUBEE RIVER NEAR GEIGER, AL

LOCATION.--Lat 32°55'57", long 88°17'52", in NE 1/4 sec. 33, T. 23 N., R. 3 W., Sumter County, Hydrologic Unit 03160108, near right bank on downstream side of bridge on State Highway 17, 0.1 mi upstream from Woodward Creek, 2.1 mi upstream from St. Louis-San Francisco Railroad bridge, 5 mi north of Geiger, and at mile 16.9.

DRAINAGE AREA.--1,097 mi².

PERIOD OF RECORD.--March 1939 to September 1940, August 1944 to September 1965, October 1965 to September 1966 (gage heights only), October 1966 to current year. Monthly discharge only for period October to December 1966.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 86.08 ft above sea level. Prior to Sept. 30, 1940, nonrecording gage at site of old highway bridge 1 mi downstream at datum 1.44 ft lower. July 26, 1944 to June 5, 1949, nonrecording gage at site on old river channel 1 mi south at same datum. June 6, 1949 to Sept. 30, 1984, at site on old river channel 1 mi south at same datum.

REMARKS.--Estimated daily discharges: Apr. 28 to May 14. Records good except those estimated, which are fair. Discharge includes flow of old river channel at bridge on State Highway 17, 1 mi south of gage. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	48	350	925	2150	5000	890	e230	208	139	76	687
2	47	47	254	682	1620	4980	1060	e210	336	208	77	3930
3	47	47	191	500	1460	7100	1090	e195	289	120	115	7860
4	47	47	155	383	1160	8900	1010	e185	278	115	131	7360
5	46	48	132	322	870	8720	3940	e175	510	117	100	4920
6	50	50	117	285	691	7680	5630	e170	506	209	90	2130
7	53	52	105	302	579	6540	5330	e165	896	213	112	1690
8	51	81	99	1920	499	5560	4250	e160	3200	353	122	1390
9	55	311	94	1550	448	4820	2550	e180	3880	378	126	1080
10	67	209	90	1090	862	4320	2240	e220	2680	299	143	978
11	59	173	88	860	846	3200	2230	e275	1720	242	124	892
12	54	172	86	1200	1170	2100	1820	e320	1420	175	116	678
13	57	159	85	1120	3520	5340	1120	e280	1270	142	129	563
14	53	170	91	887	4270	5890	842	e220	908	123	441	464
15	50	153	102	778	3970	7890	766	194	590	112	531	378
16	49	119	126	733	3540	9110	677	167	416	121	558	313
17	49	104	143	784	6000	8460	620	146	317	123	461	264
18	49	139	148	1050	6020	7570	553	133	246	138	373	232
19	48	158	150	3630	5290	6910	482	124	198	131	274	235
20	47	193	146	7420	4630	6710	432	119	166	111	204	423
21	47	152	139	7370	4140	7130	388	121	145	97	165	246
22	46	133	159	6510	3440	6680	354	130	146	88	141	209
23	46	105	169	5280	2690	5840	319	122	133	83	125	206
24	46	228	146	3890	1770	4620	300	143	127	80	131	177
25	46	2610	129	3360	1160	2880	305	217	124	79	131	162
26	46	1920	120	3340	1330	2020	317	188	123	76	118	155
27	46	1090	402	2500	1150	1440	285	196	122	77	110	140
28	46	760	3360	1130	3500	1060	e280	177	122	88	248	129
29	47	718	3300	867	---	883	e265	150	120	84	674	121
30	47	528	1800	3120	---	818	e250	131	117	79	962	115
31	47	---	1130	3050	---	826	---	142	---	74	1330	---
TOTAL	1536	10724	13606	66838	68775	160997	40595	5585	21313	4474	8438	38127
MEAN	49.5	357	439	2156	2456	5193	1353	180	710	144	272	1271
MAX	67	2610	3360	7420	6020	9110	5630	320	3880	378	1330	7860
MIN	46	47	85	285	448	818	250	119	117	74	76	115
CFSM	.05	.33	.40	1.97	2.24	4.73	1.23	.16	.65	.13	.25	1.16
IN.	.05	.36	.46	2.27	2.33	5.46	1.38	.19	.72	.15	.29	1.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

	MEAN	257	599	1620	2969	3466	3423	3143	1393	591	626	310	307
MAX	2515	2958	9407	9782	9415	9230	17520	10340	2794	7432	2064	3067	
(WY)	1976	1958	1962	1949	1983	1980	1979	1991	1997	1940	1946	1950	
MIN	31.0	49.5	105	91.1	210	455	180	107	61.3	62.8	34.1	27.5	
(WY)	1955	1955	1963	1956	2000	2000	1963	1965	1988	1952	1954	1954	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1939 - 2001
ANNUAL TOTAL	206138	441008	
ANNUAL MEAN	563	1208	1547
HIGHEST ANNUAL MEAN			3967
LOWEST ANNUAL MEAN			327
HIGHEST DAILY MEAN	13100	9110	136000
LOWEST DAILY MEAN	41	46	22
ANNUAL SEVEN-DAY MINIMUM	42	46	23
MAXIMUM PEAK FLOW		9310	156000
MAXIMUM PEAK STAGE		31.24	48.58
ANNUAL RUNOFF (CFSM)	.51	1.10	1.41
ANNUAL RUNOFF (INCHES)	6.99	14.95	19.16
10 PERCENT EXCEEDS	748	4260	4840
50 PERCENT EXCEEDS	125	250	346
90 PERCENT EXCEEDS	47	58	75

e Estimated

MOBILE RIVER BASIN

02448900 BODKA CREEK NEAR GEIGER, AL

LOCATION.--Lat 32°48'25", long 88°18'43", in SE 1/4 sec. 8, T. 21 N., R. 3 E., Sumter County, Hydrologic Unit 03160108, at right bank on downstream side of State Highway 17, 1.6 mi downstream from Tifallili Creek, 4.2 mi north of Geiger, and 9.2 mi upstream from mouth.

DRAINAGE AREA.--158 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 104.78 ft above sea level.

REMARKS.--No estimated daily discharges. Records good except those below 5 ft³/s, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	1.5	87	253	789	102	2.6	189	61	3.1	47
2	.00	.00	1.3	55	151	1450	86	1.7	66	7.5	4.5	1110
3	.00	.00	1.1	43	101	3590	63	1.6	27	4.3	1.5	1410
4	.00	.00	.86	33	71	3790	1560	2.5	177	4.4	2.5	516
5	.00	.00	.57	21	55	1270	4200	6.0	1400	3.5	3.0	219
6	.00	.00	.38	16	49	353	1950	4.0	788	8.8	1.3	140
7	.00	.00	.27	60	39	211	337	1.8	797	4.2	1.5	93
8	.00	.00	.22	1120	36	142	186	1.3	1400	2.6	1.3	65
9	.00	.00	7.2	612	34	121	125	2.8	544	1.4	1.2	103
10	.00	.00	10	220	261	164	94	7.4	211	1.1	1.1	56
11	.00	.00	1.6	146	204	144	60	5.7	118	1.3	3.2	40
12	.00	.00	.97	208	190	159	44	6.2	96	2.8	5.4	18
13	.00	.00	.77	170	326	354	37	18	52	1.6	4.2	11
14	.00	.00	12	115	261	272	40	10	30	1.3	9.1	7.6
15	.00	.00	4.0	101	194	2960	44	4.7	16	1.1	7.9	4.9
16	.00	.00	3.8	93	427	2550	48	4.0	10	1.1	1.2	3.8
17	.00	.00	6.3	180	1740	500	40	1.4	6.7	1.1	1.1	3.1
18	.00	.01	5.7	336	881	229	27	2.0	5.3	1.1	1.0	2.3
19	.00	.60	4.7	2120	296	165	19	3.2	4.3	1.1	7.3	3.1
20	.00	.53	5.0	3300	196	547	15	2.1	3.5	1.0	4.4	8.0
21	.00	.78	7.2	1280	145	944	11	1.3	2.9	1.1	1.9	5.9
22	.00	.91	6.0	303	141	468	9.2	2.2	5.2	1.3	4.2	7.8
23	.00	.61	5.4	192	115	240	7.2	4.4	5.9	1.4	12	11
24	.00	27	5.9	140	84	151	7.9	2.7	4.0	1.3	8.6	5.3
25	.00	198	5.8	102	87	156	8.4	3.4	2.9	1.8	1.5	2.5
26	.00	54	5.4	77	81	144	6.2	2.2	1.8	2.1	1.1	1.4
27	.00	26	784	62	184	98	5.2	1.1	1.3	2.3	1.1	1.3
28	.00	9.8	1580	53	1080	69	9.8	.95	1.2	2.1	1.0	7.1
29	.00	4.1	1570	119	---	59	4.1	1.1	1.1	1.9	24	11
30	.00	2.4	408	1050	---	85	2.8	3.4	.98	1.6	72	1.7
31	.00	---	158	598	---	111	---	156	---	1.6	40	---
TOTAL	0.00	324.74	4603.94	13012	7682	22285	9148.8	267.75	5968.08	130.8	233.2	3915.8
MEAN	.000	10.8	149	420	274	719	305	8.64	199	4.22	7.52	131
MAX	.00	198	1580	3300	1740	3790	4200	156	1400	61	72	1410
MIN	.00	.00	.22	16	34	59	2.8	.95	.98	1.0	1.0	1.3
CFSM	.00	.07	.94	2.66	1.74	4.55	1.93	.05	1.26	.03	.05	.83
IN.	.00	.08	1.08	3.06	1.81	5.25	2.15	.06	1.41	.03	.05	.92

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

MEAN	8.75	73.5	181	552	496	477	381	159	83.6	28.5	33.1	14.0
MAX	49.6	335	550	1561	983	867	938	1296	377	184	150	131
(WY)	1996	1993	1998	1998	1991	1996	1991	1991	1997	1994	1992	2001
MIN	.000	.13	.93	29.8	19.2	48.7	44.8	.33	.66	.28	.001	.000
(WY)	1991	2000	2000	2000	2000	1992	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1991 - 2001
ANNUAL TOTAL	24182.31	67572.11	
ANNUAL MEAN	66.1	185	206
HIGHEST ANNUAL MEAN			338
LOWEST ANNUAL MEAN			52.7
HIGHEST DAILY MEAN	6060	4200	16000
LOWEST DAILY MEAN	.00	.00	.00
ANNUAL SEVEN-DAY MINIMUM	.00	.00	.00
MAXIMUM PEAK FLOW		4720	21900
MAXIMUM PEAK STAGE		18.67	24.20
ANNUAL RUNOFF (CFSM)	.42	1.17	1.30
ANNUAL RUNOFF (INCHES)	5.69	15.91	17.71
10 PERCENT EXCEEDS	57	416	420
50 PERCENT EXCEEDS	.56	6.2	10
90 PERCENT EXCEEDS	.00	.00	.10

MOBILE RIVER BASIN

02449840 DUCK RIVER NEAR BERLIN, AL

LOCATION.--Lat 34°10'19", long 86°41'42", in NE¹/₄ sec. 13, T. 10 S., R. 2 W., Cullman County, Hydrologic Unit 03160110, on left bank 200 ft downstream of U.S. Highway 278, 2.8 mi east of Berlin.

DRAINAGE AREA.--37.1 mi².

PERIOD OF RECORD.--Nov. 29, 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 600 ft above sea level (from topographic map).

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.17 ft, Apr. 3, 2000; minimum, not determined, stream has periods of no flow.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.12 ft, Mar. 20; minimum, 2.07 ft, Nov. 1, 2.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.19	2.09	4.22	4.05	4.52	4.63	4.22	3.76	3.88	4.09	3.59	3.89
2	2.19	2.08	4.19	4.02	4.44	4.59	4.14	3.74	3.84	3.92	3.53	4.82
3	2.18	2.09	4.14	4.00	4.36	4.76	4.40	3.71	3.80	3.84	3.48	5.96
4	2.17	2.14	4.10	3.99	4.31	4.85	4.81	3.68	3.79	3.89	3.48	5.12
5	2.16	2.18	4.07	3.99	4.26	4.73	4.87	3.66	3.76	4.22	3.53	4.78
6	2.21	2.22	4.06	3.97	4.21	4.60	4.65	3.65	3.73	4.40	3.56	4.57
7	2.24	2.35	4.04	3.98	4.17	4.51	4.52	3.63	4.52	4.14	3.61	4.42
8	2.20	5.40	4.00	4.29	4.14	4.45	4.45	3.83	4.41	4.02	3.63	4.32
9	2.18	6.18	3.98	4.14	4.16	4.38	4.38	4.36	4.20	3.96	3.56	4.25
10	2.16	4.61	3.98	4.09	4.63	4.32	4.32	4.37	4.07	4.67	4.66	4.20
11	2.15	4.34	3.97	4.13	4.40	4.27	4.25	4.09	3.99	4.51	5.22	4.12
12	2.15	4.19	3.96	4.29	4.50	5.17	4.21	4.00	3.93	4.27	4.99	4.06
13	2.15	4.12	3.96	4.25	4.82	5.09	4.41	3.91	3.87	4.14	4.73	4.00
14	2.16	4.05	4.28	4.24	4.81	4.81	4.31	3.84	3.82	4.03	4.71	3.95
15	2.16	3.99	4.14	4.24	4.72	5.95	4.40	3.80	3.79	3.96	4.46	3.90
16	2.17	4.07	5.42	4.20	4.98	5.05	4.34	3.76	3.78	3.90	4.31	3.87
17	2.18	4.39	5.20	4.20	5.20	4.83	4.23	3.73	3.72	3.85	4.19	3.83
18	2.21	4.28	4.85	4.60	4.85	4.67	4.17	3.69	3.67	3.81	4.11	3.82
19	2.20	4.24	4.68	6.45	4.70	4.73	4.13	3.68	3.62	3.77	4.07	3.82
20	2.20	4.18	4.53	5.29	4.60	7.94	4.09	3.71	3.59	3.77	4.02	3.82
21	2.19	4.10	4.48	4.93	4.53	5.48	4.06	3.69	3.57	4.02	3.94	3.77
22	2.19	4.06	4.40	4.74	4.95	5.01	4.02	3.67	3.72	3.84	3.90	3.74
23	2.18	4.05	4.32	4.60	4.72	4.80	3.98	3.63	3.87	3.76	3.85	3.72
24	2.19	4.41	4.29	4.51	4.62	4.66	3.97	3.64	3.71	3.71	3.81	4.03
25	2.20	5.04	4.24	4.42	5.44	4.53	3.93	3.71	3.63	3.66	3.78	3.91
26	2.19	4.73	4.19	4.36	4.94	4.44	3.87	3.68	3.57	3.69	3.74	3.79
27	2.18	4.54	4.20	4.32	4.80	4.37	3.85	3.62	3.54	3.79	3.71	3.74
28	2.17	4.42	4.20	4.26	4.75	4.31	3.82	4.02	4.25	3.68	3.70	3.71
29	2.15	4.36	4.14	4.37	---	4.31	3.80	4.32	4.09	3.62	3.70	3.69
30	2.13	4.29	4.09	5.00	---	4.31	3.79	3.96	3.96	3.63	3.68	3.66
31	2.11	---	4.05	4.66	---	4.27	---	3.88	---	3.65	3.77	---
MEAN	2.18	3.91	4.27	4.41	4.63	4.80	4.21	3.82	3.86	3.94	3.97	4.11
MAX	2.24	6.18	5.42	6.45	5.44	7.94	4.87	4.37	4.52	4.67	5.22	5.96
MIN	2.11	2.08	3.96	3.97	4.14	4.27	3.79	3.62	3.54	3.62	3.48	3.66

WTR YR 2001 MEAN 4.00 MAX 7.94 MIN 2.08

MOBILE RIVER BASIN

02449882 BLUE SPRINGS CREEK NEAR BLOUNTSVILLE, AL

LOCATION.--Lat 34°04'47", long 86°36'28", NE 1/4 sec. 14, T. 11 S., R. 1 W., Blount County, Hydrologic Unit 03160109, on left bank 300 feet above sewage treatment plant outfall, 1 mi southwest of Blountsville.

DRAINAGE AREA.--13.0 mi².

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

REVISED RECORD.--WDR AL-95-1: 1993, 1994.

GAGE.--Water-stage recorder. Datum of gage is 650 ft above sea level, from topographic map.

REMARKS.--Estimated daily discharges: Nov. 7-9, May 28-31, Aug. 18-21. Records good except those of estimated period, which are fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.47	.34	3.3	3.6	18	29	30	6.3	7.4	3.3	1.6	2.9
2	.41	.41	3.1	3.4	15	30	26	5.9	6.6	3.3	1.6	2.1
3	.35	.03	2.9	3.3	14	60	214	5.4	8.7	12	1.7	.99
4	.44	.18	2.8	3.1	12	60	368	5.3	7.3	30	2.4	.39
5	.87	.51	2.6	3.1	11	46	196	5.1	7.1	31	2.1	.22
6	.31	.45	2.5	3.2	10	35	56	4.9	6.7	21	1.7	.15
7	.49	e3.5	2.3	5.0	9.6	29	43	4.8	55	13	3.9	.12
8	.02	e40	2.1	8.0	8.9	25	37	7.8	26	9.6	1.8	9.6
9	.37	e14	2.0	4.9	11	21	33	6.4	16	16	1.8	7.8
10	.41	3.8	2.1	4.1	17	18	29	6.0	12	34	11	6.6
11	.01	2.4	2.0	5.7	12	16	24	4.9	9.6	16	4.3	5.3
12	.45	1.9	1.7	6.3	21	290	21	5.0	8.1	10	5.2	4.9
13	.28	1.7	2.5	5.2	39	104	26	4.2	7.0	8.2	5.5	4.5
14	.00	1.4	3.9	5.0	29	51	21	4.0	6.4	6.4	4.3	4.4
15	.40	.81	2.6	4.9	24	310	32	3.9	12	5.6	3.2	4.2
16	.21	3.1	22	4.6	60	70	20	3.7	7.5	5.6	2.8	3.9
17	.00	4.1	16	5.0	63	48	15	3.7	5.9	5.2	2.4	3.7
18	.27	2.8	12	13	40	38	13	3.3	5.2	4.1	e10	3.5
19	.18	3.1	9.2	232	31	42	13	5.0	4.6	3.8	e40	7.0
20	.15	2.7	7.0	86	24	618	11	4.0	4.3	5.5	e10	4.3
21	.55	2.2	6.7	42	20	287	9.7	3.8	4.1	5.2	e2.0	3.1
22	.15	2.1	5.9	27	88	103	9.1	3.9	9.9	3.8	2.6	2.9
23	.09	2.0	5.4	19	44	69	8.4	3.5	5.7	3.4	2.2	2.7
24	.58	9.5	5.1	17	33	56	8.0	11	4.7	3.5	1.8	3.4
25	.12	11	4.7	15	87	46	8.2	7.4	4.2	4.4	1.5	2.9
26	.04	6.8	4.4	14	50	39	9.0	4.1	3.9	4.1	1.5	2.6
27	.64	5.1	4.6	12	40	34	8.1	3.8	3.7	3.4	1.4	2.5
28	.13	4.3	4.5	11	36	31	7.3	e15	4.1	3.1	1.4	2.3
29	.05	4.0	4.1	23	---	33	6.9	e80	4.1	3.1	1.5	2.1
30	.58	3.6	3.8	38	---	32	6.7	e25	4.2	3.0	1.3	2.2
31	.08	---	3.7	22	---	32	---	e14	---	2.1	4.4	---
TOTAL	9.10	137.83	157.5	649.4	867.5	2702	1309.4	271.1	272.0	282.7	138.9	307.3
MEAN	.29	4.59	5.08	20.9	31.0	87.2	43.6	8.75	9.07	9.12	4.48	10.2
MAX	.87	40	22	232	88	618	368	80	55	34	40	99
MIN	.00	.03	1.7	3.1	8.9	16	6.7	3.3	3.7	2.1	1.3	2.1
CFSM	.02	.35	.39	1.61	2.38	6.70	3.36	.67	.70	.70	.34	.79
IN.	.03	.39	.45	1.86	2.48	7.73	3.75	.78	.78	.81	.40	.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2001, BY WATER YEAR (WY)

	MEAN	9.41	9.52	15.0	44.0	40.3	48.8	36.7	15.2	16.7	7.73	3.33	8.32
MAX	35.7	30.3	32.8	75.3	73.6	87.2	71.8	51.8	86.3	22.3	8.76	49.2	
(WY)	1996	1996	1997	1998	1998	2001	1998	1997	1997	1997	1996	1996	
MIN	.29	.49	.98	3.16	5.16	28.3	14.6	4.07	2.18	.74	.26	.43	
(WY)	2001	1999	2000	2000	2000	1999	1997	2000	2000	2000	2000	2000	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1992 - 2001

ANNUAL TOTAL	3754.63	7104.73	21.1
ANNUAL MEAN	10.3	19.5	30.1
HIGHEST ANNUAL MEAN			9.64
LOWEST ANNUAL MEAN			1997
HIGHEST DAILY MEAN	698	Apr 3	618
LOWEST DAILY MEAN	.00	Oct 14, 17	.00
ANNUAL SEVEN-DAY MINIMUM	.05	Aug 20	.17
MAXIMUM PEAK FLOW		* 1120	Mar 20
MAXIMUM PEAK STAGE		7.93	Oct 14, 17
ANNUAL RUNOFF (CFSM)	.79	1.50	Oct 14
ANNUAL RUNOFF (INCHES)	10.74	20.33	Apr 4
10 PERCENT EXCEEDS	15	40	* 2470
50 PERCENT EXCEEDS	2.3	5.2	11.37
90 PERCENT EXCEEDS	.14	.74	1.63
			22.09
			43
			7.5
			.79

e Estimated

* From rating curve extended above 100 ft³/s on basis of slope-area measurements.

MOBILE RIVER BASIN

02450000 MULBERRY FORK NEAR GARDEN CITY, AL

LOCATION.--Lat 33°59'42", long 86°44'56", in NE 1/4 sec. 16, T. 12 S., R. 2 W., Blount County, Hydrologic Unit 03160109, on left bank near downstream side of bridge on U.S. Highway 31 (old), 1,000 ft downstream from Louisville & Nashville Railroad bridge, 1 mi southwest of Garden City, 5.5 mi downstream from Mud Creek, and at mile 79.2.

DRAINAGE AREA.--365 mi².

PERIOD OF RECORD.--October 1928 to current year. Monthly discharge only for period April to June 1932 published in WSP 1304. Prior to 1941, published as "Mulberry Fork of Black Warrior River."

REVISED RECORD.--WDR AL-79-2: Drainage area. WDR AL-82-1: 1974-80 (P).

GAGE.--Water-stage recorder. Datum of gage is 380.54 ft above sea level. Prior to Dec. 5, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Mar. 24-26, Aug. 13-16. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	19	298	238	1140	1420	701	208	290	176	66	191
2	18	23	270	230	927	1240	577	170	244	159	57	1200
3	16	18	243	202	782	2220	3840	149	227	127	51	5040
4	15	20	211	198	694	2530	5180	133	266	142	48	2840
5	15	19	194	197	623	1890	4250	123	199	350	47	1490
6	16	21	183	193	555	1470	2390	115	176	806	59	972
7	15	40	174	190	502	1200	1740	109	1930	415	62	696
8	20	1390	166	523	458	1020	1360	258	1390	283	97	543
9	17	3550	153	461	436	876	1130	282	737	220	61	443
10	14	969	148	353	1140	745	959	760	510	338	1050	382
11	14	398	139	338	854	661	807	333	387	738	1250	322
12	14	261	133	512	864	3500	689	254	318	423	1130	274
13	15	191	127	488	1860	4370	807	214	267	309	e1260	244
14	15	153	283	454	2030	2270	880	173	223	234	e900	207
15	15	126	305	445	1650	6890	1020	144	197	186	e500	177
16	17	121	2490	407	1850	3680	951	127	197	157	e345	153
17	19	300	3280	377	4320	2290	705	114	157	132	267	136
18	21	308	1450	707	2410	1700	586	101	129	116	248	122
19	17	266	1030	6790	1760	1460	521	92	111	102	283	127
20	16	246	758	4320	1380	15300	470	109	94	101	183	151
21	16	198	641	2450	1130	6880	423	118	85	118	149	125
22	17	167	567	1780	2430	3250	377	104	166	167	121	101
23	20	151	476	1360	1950	2290	335	97	217	115	107	95
24	20	300	426	1110	1430	e1750	309	96	148	92	94	152
25	20	1690	387	905	3930	e1420	299	201	106	79	85	261
26	19	996	345	759	2810	e1140	265	127	87	71	78	145
27	22	644	329	686	1910	958	231	98	77	72	72	110
28	21	491	332	597	1820	829	208	361	134	73	69	95
29	27	406	308	597	---	774	192	947	327	65	65	86
30	21	349	277	2520	---	795	188	427	217	58	63	77
31	18	---	254	1580	---	719	---	310	---	64	95	---
TOTAL	547	13831	16377	31967	43645	77537	32390	6854	9613	6488	8962	16957
MEAN	17.6	461	528	1031	1559	2501	1080	221	320	209	289	565
MAX	27	3550	3280	6790	4320	15300	5180	947	1930	806	1260	5040
MIN	14	18	127	190	436	661	188	92	77	58	47	77
CFSM	.05	1.26	1.45	2.83	4.27	6.85	2.96	.61	.88	.57	.79	1.55
IN.	.06	1.41	1.67	3.26	4.45	7.90	3.30	.70	.98	.66	.91	1.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

	MEAN	169	371	794	1400	1535	1529	1065	529	266	281	163	136
MAX	1098	3594	3598	3425	4484	4444	3441	2043	2839	1623	1391	807	
(WY)	1978	1930	1933	1982	1990	1980	1964	1991	1997	1989	1967	1980	
MIN	5.83	7.27	31.9	59.9	285	317	144	71.6	18.4	28.9	16.8	5.40	
(WY)	1949	1954	1966	1956	1934	1988	1986	1936	1941	1977	1954	1931	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1929 - 2001
ANNUAL TOTAL	164906	265168	
ANNUAL MEAN	451	726	683
HIGHEST ANNUAL MEAN			1063
LOWEST ANNUAL MEAN			280
HIGHEST DAILY MEAN	15000	15300	45900
LOWEST DAILY MEAN	14	14	3.0
ANNUAL SEVEN-DAY MINIMUM	15	15	3.1
MAXIMUM PEAK FLOW		24700	66500
MAXIMUM PEAK STAGE		16.07	25.04
ANNUAL RUNOFF (CFSM)	1.23	1.99	1.87
ANNUAL RUNOFF (INCHES)	16.81	27.03	25.41
10 PERCENT EXCEEDS	816	1850	1630
50 PERCENT EXCEEDS	130	267	230
90 PERCENT EXCEEDS	18	25	19

e Estimated

MOBILE RIVER BASIN

02450180 MULBERRY FORK NEAR ARKADELPHIA, AL

LOCATION--Lat 33°52'00", long 86°55'20", in NE 1/4 sec. 35, T. 13 S., R. 4 W., Blount County, Hydrologic Unit 03160109, on left bank 200 ft upstream from county road, 4 mi south of Arkadelphia, and at mile 58.6.

DRAINAGE AREA--487 mi².

PERIOD OF RECORD--October 1976 to September 1986, October 1988 to current year.

GAGE--Water-stage recorder. Datum of gage is 270.23 ft above sea level.

REMARKS--Estimated daily discharges: Aug. 18-21, Sept. 25-27. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	31	382	289	1500	1680	866	250	393	272	74	179
2	18	31	338	274	1200	1480	760	228	331	233	71	603
3	19	30	304	253	1010	2680	5280	199	422	197	62	6100
4	19	35	266	239	881	3580	11500	176	722	186	57	6150
5	17	31	240	240	793	2500	7130	163	426	251	55	2200
6	22	34	223	237	710	1890	3480	152	314	739	55	1350
7	24	45	211	243	645	1540	2380	141	1720	548	92	952
8	20	1490	201	725	588	1310	1840	260	2510	364	103	735
9	18	3780	190	775	558	1120	1530	439	1210	275	102	611
10	24	1950	177	567	1170	958	1300	741	784	243	124	535
11	20	573	172	514	1170	840	1080	522	593	631	1740	468
12	18	355	162	663	1030	2880	920	335	485	516	1140	389
13	17	253	155	698	2160	6380	894	285	401	374	792	338
14	18	201	242	633	2690	3040	1070	230	339	285	1120	295
15	19	165	410	605	2070	6410	1140	190	297	226	578	254
16	20	152	2090	562	2070	5400	1240	164	280	192	412	220
17	21	264	4410	522	5090	2950	916	146	242	166	319	198
18	23	401	2000	750	3130	2130	756	129	202	146	e250	182
19	28	347	1360	5480	2150	1750	670	115	174	128	e325	212
20	28	323	996	6980	1680	8610	610	114	150	119	e240	265
21	24	270	812	3170	1410	14200	559	245	131	129	e188	213
22	23	223	727	2210	2200	5180	508	168	147	167	157	171
23	22	196	608	1700	2420	2870	451	140	294	162	132	143
24	23	263	547	1410	1710	2180	412	128	242	124	113	142
25	26	1850	501	1160	3460	1750	387	203	175	101	102	e320
26	28	1460	444	968	3660	1450	351	211	137	91	92	e270
27	28	870	418	866	2250	1220	308	146	132	83	84	e175
28	28	646	422	761	2010	1050	278	234	137	82	78	143
29	31	532	398	742	---	963	257	1290	312	84	75	124
30	31	453	352	2770	---	990	236	729	322	75	71	110
31	38	---	315	2130	---	913	---	456	---	66	87	---
TOTAL	714	17254	20073	39136	51415	91894	49109	8929	14024	7255	8890	24047
MEAN	23.0	575	648	1262	1836	2964	1637	288	467	234	287	802
MAX	38	3780	4410	6980	5090	14200	11500	1290	2510	739	1740	6150
MIN	17	30	155	237	558	840	236	114	131	66	55	110
CFSM	.05	1.18	1.33	2.59	3.77	6.09	3.36	.59	.96	.48	.59	1.65
IN.	.05	1.32	1.53	2.99	3.93	7.02	3.75	.68	1.07	.55	.68	1.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2001, BY WATER YEAR (WY)

	MEAN	317	568	977	1714	1824	2013	1505	739	443	281	123	205
MAX	1973	2375	2635	3188	6623	5629	3809	2659	3104	2005	657	802	
(WY)	1978	1978	1984	1982	1990	1980	1979	1991	1997	1989	1985	2001	
MIN	20.3	21.7	76.1	201	486	622	185	151	41.8	33.3	24.1	20.6	
(WY)	1992	1979	2000	1981	2000	1985	1986	1992	1977	1977	1990	1978	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1977 - 2001
ANNUAL TOTAL	213815	332740	
ANNUAL MEAN	584	912	888
HIGHEST ANNUAL MEAN			1305
LOWEST ANNUAL MEAN			368
HIGHEST DAILY MEAN	22400	14200	44000
LOWEST DAILY MEAN	14	17	13
ANNUAL SEVEN-DAY MINIMUM	15	19	15
MAXIMUM PEAK FLOW		17100	51700
MAXIMUM PEAK STAGE		28.86	42.90
ANNUAL RUNOFF (CFSM)	1.20	1.87	1.82
ANNUAL RUNOFF (INCHES)	16.33	25.42	24.76
10 PERCENT EXCEEDS	1110	2200	2060
50 PERCENT EXCEEDS	170	335	350
90 PERCENT EXCEEDS	19	37	29

e Estimated

MOBILE RIVER BASIN

02450250 SIPSEY FORK NEAR GRAYSON, AL
(Hydrologic Bench-Mark Station)

LOCATION.--Lat 34°17'07", long 87°23'56", in NW sec. 8, T. 9 S., R. 8 W., Winston County, Hydrologic Unit 03160110, Bankhead National Forest, at downstream side of bridge on Cranal Road, 0.5 mi downstream from Borden Creek, 4.5 mi west of Grayson, 14 mi northeast of Haleyville, and 64.1 miles upstream from mouth.

DRAINAGE AREA.--92.1 mi².

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

REVISED RECORDS.--WDR AL-79-2: Drainage Area.

GAGE.--Water-stage recorder. Elevation of gage is 540 ft above sea level, from topographic map. Prior to June 29, 1984, at site 400 ft downstream at same datum.

REMARKS.--Estimated daily discharges: Nov. 19-30, Aug. 22, 23. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.8	14	16	235	272	109	45	2200	84	12	22
2	1.4	1.8	13	16	177	234	96	42	931	44	11	127
3	1.3	1.8	12	14	141	215	3190	38	395	41	11	369
4	1.3	2.6	10	14	121	258	3440	34	898	78	13	232
5	1.2	3.4	9.8	14	105	220	1560	33	2370	123	15	123
6	1.2	5.2	9.5	14	90	198	769	32	704	203	13	84
7	1.1	5.3	9.5	15	79	176	481	32	3770	103	15	64
8	1.1	14	9.1	18	70	157	347	352	1830	68	15	50
9	1.3	108	8.9	16	71	139	277	234	718	50	16	84
10	1.2	31	8.6	14	194	120	229	266	377	49	14	143
11	1.2	13	8.5	15	157	109	193	153	240	46	17	96
12	1.4	8.5	8.5	18	182	302	188	105	179	36	19	72
13	1.8	7.0	12	17	865	522	312	79	131	29	307	57
14	1.9	6.2	81	17	827	339	355	60	102	24	144	38
15	2.1	5.5	51	18	544	1100	330	48	91	20	65	30
16	1.7	8.0	251	17	1550	744	278	40	88	18	41	26
17	1.5	17	418	18	2240	415	226	32	65	17	29	22
18	1.5	13	128	212	764	297	185	26	49	15	22	20
19	1.3	e9.5	79	4540	445	242	160	24	40	15	20	19
20	1.3	e7.0	60	1220	312	1890	139	24	34	21	18	25
21	1.2	e5.0	46	448	237	1530	120	24	31	39	16	20
22	1.3	e4.5	38	262	313	699	103	28	31	22	e13	16
23	1.4	e4.5	36	186	290	437	91	23	31	18	e11	15
24	1.5	e50	28	147	253	323	101	32	25	20	9.8	158
25	1.5	e400	24	114	984	245	86	29	22	22	8.9	97
26	1.6	e150	21	95	655	200	74	21	23	16	8.2	57
27	1.6	e50	21	85	417	170	66	19	32	17	12	41
28	1.7	e25	21	72	339	150	60	351	30	15	27	32
29	1.8	e20	20	120	---	142	54	932	26	14	16	26
30	1.8	e17	18	785	---	131	49	245	31	13	13	21
31	1.9	---	17	377	---	118	---	497	---	13	18	---
TOTAL	45.6	995.6	1491.4	8934	12657	12094	13668	3900	15494	1293	969.9	2186
MEAN	1.47	33.2	48.1	288	452	390	456	126	516	41.7	31.3	72.9
MAX	2.1	400	418	4540	2240	1890	3440	932	3770	203	307	369
MIN	1.1	1.8	8.5	14	70	109	49	19	22	13	8.2	15
CFSM	.02	.36	.52	3.13	4.91	4.24	4.95	1.37	5.61	.45	.34	.79
IN.	.02	.40	.60	3.61	5.11	4.88	5.52	1.58	6.26	.52	.39	.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2001, BY WATER YEAR (WY)

	MEAN	36.8	91.1	225	323	330	370	264	188	93.3	36.0	18.3	30.6
MAX	414	539	742	741	707	1123	665	748	776	264	64.6	255	
(WY)	1976	1980	1968	1999	1991	1973	1970	1984	1997	1989	1967	1989	
MIN	1.47	5.22	27.4	28.9	61.7	57.8	26.3	18.4	2.65	4.92	3.18	1.72	
(WY)	2001	1979	2000	1986	2000	1988	1986	1988	1988	2000	2000	2000	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1967 - 2001
ANNUAL TOTAL	32228.24	73728.5	
ANNUAL MEAN	88.1	202	166
HIGHEST ANNUAL MEAN			277
LOWEST ANNUAL MEAN			52.6
HIGHEST DAILY MEAN	4420	4540	15200
LOWEST DAILY MEAN	.63	1.1	.63
ANNUAL SEVEN-DAY MINIMUM	.75	1.2	.75
MAXIMUM PEAK FLOW		8630	20300
MAXIMUM PEAK STAGE		25.84	44.27
ANNUAL RUNOFF (CFSM)	.96	2.19	1.81
ANNUAL RUNOFF (INCHES)	13.02	29.78	24.56
10 PERCENT EXCEEDS	156	417	365
50 PERCENT EXCEEDS	13	38	49
90 PERCENT EXCEEDS	1.3	4.1	5.7

e Estimated

MOBILE RIVER BASIN

02450825 CLEAR CREEK AT NEW HOPE CHURCH NEAR POPLAR SPRING, AL

LOCATION.--Lat 34°04'52", long 87°25'22", in NE¹/₄SE¹/₄ sec. 19, T. 11 S., R.8 W., Winston County, Hydrologic Unit 03160110, on left bank 150 ft downstream of bridge on county road at New Hope Church, 4.5 mi northeast of Poplar Spring, and 6.1 mi southeast of Double Springs.

DRAINAGE AREA.--101 mi².

PERIOD OF RECORD.--October 1980 to September 1981, October 1993 to current year.

REVISED RECORD.--WDR AL-98-1: 1997.

GAGE.--Water-stage recorder. Elevation of gage is 565 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges: Jan. 7-10. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 3, 1982 reached gage height of 12.25 ft, discharge, 6,750 ft³/s. Flood of Mar. 5, 1983 reached gage height of 15.74 ft, discharge, 9,680 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	25	60	56	277	351	159	90	709	92	32	82
2	13	26	56	57	219	313	142	86	507	76	30	157
3	14	27	50	80	177	333	2360	81	275	68	31	655
4	14	29	47	97	158	452	7270	75	192	83	50	397
5	13	34	45	94	141	378	1580	69	1070	186	46	184
6	15	42	44	62	126	302	741	69	423	295	43	129
7	17	39	44	e55	115	256	526	67	2230	122	52	101
8	17	60	42	e65	106	224	428	428	1430	89	49	83
9	14	479	42	e60	110	200	362	471	585	75	57	319
10	14	123	41	e58	213	171	309	441	392	66	48	262
11	16	53	41	56	160	158	265	255	283	63	48	145
12	15	37	40	75	183	480	233	180	219	61	75	108
13	15	32	47	72	608	638	307	145	166	55	326	90
14	15	29	202	68	559	418	289	115	144	49	266	78
15	15	26	130	72	427	948	322	100	134	45	92	68
16	15	37	319	66	570	666	314	90	132	44	62	62
17	15	84	511	65	1180	458	249	81	102	43	51	57
18	15	56	253	163	575	369	207	73	90	41	45	54
19	15	43	190	3060	429	325	189	68	82	40	44	59
20	16	38	155	1360	343	942	172	78	75	39	43	105
21	17	34	111	557	281	824	157	97	73	41	37	78
22	18	31	98	386	387	534	146	97	76	43	35	59
23	18	31	107	285	350	425	132	83	80	41	33	54
24	19	129	83	234	286	355	143	82	68	38	32	118
25	20	596	73	186	604	291	133	108	61	41	30	121
26	22	253	68	156	489	247	113	71	73	39	29	75
27	23	137	67	141	378	214	108	62	72	41	31	62
28	23	97	68	124	402	194	104	77	80	40	75	56
29	24	82	63	170	---	186	95	135	75	35	49	52
30	25	70	57	645	---	176	92	94	80	34	40	49
31	25	---	61	391	---	163	---	132	---	35	53	---
TOTAL	530	2779	3215	9016	9853	11991	17647	4100	9978	2060	1934	3919
MEAN	17.1	92.6	104	291	352	387	588	132	333	66.5	62.4	131
MAX	25	596	511	3060	1180	948	7270	471	2230	295	326	655
MIN	13	25	40	55	106	158	92	62	61	34	29	49
CFSM	.17	.92	1.03	2.88	3.48	3.83	5.82	1.31	3.29	.66	.62	1.29
IN.	.20	1.02	1.18	3.32	3.63	4.42	6.50	1.51	3.68	.76	.71	1.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

	MEAN	66.8	134	198	380	335	324	318	179	181	93.7	56.3	49.5
	MAX	142	237	322	741	607	424	588	644	650	163	120	131
	(WY)	1998	1981	1997	1999	1994	1994	2001	1997	1997	1998	1998	2001
	MIN	17.1	50.2	69.1	98.7	91.1	225	160	60.0	58.4	24.4	20.9	15.6
	(WY)	2001	2000	2000	1981	2000	2000	1997	2000	1981	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1981 - 2001
ANNUAL TOTAL	42167.6	77022	
ANNUAL MEAN	115	211	192
HIGHEST ANNUAL MEAN			294
LOWEST ANNUAL MEAN			110
HIGHEST DAILY MEAN	4580	7270	9830
LOWEST DAILY MEAN	8.9	13	8.9
ANNUAL SEVEN-DAY MINIMUM	9.5	14	9.5
MAXIMUM PEAK FLOW		9740	11500
MAXIMUM PEAK STAGE		15.82	17.74
ANNUAL RUNOFF (CFSM)	1.14	2.09	1.90
ANNUAL RUNOFF (INCHES)	15.53	28.37	25.85
10 PERCENT EXCEEDS	222	445	397
50 PERCENT EXCEEDS	52	83	99
90 PERCENT EXCEEDS	13	29	28

e Estimated

MOBILE RIVER BASIN

02453000 BLACKWATER CREEK NEAR MANCHESTER, AL

LOCATION.--Lat 33°54'30", long 87°15'25", in SE¹/₄ sec. 15, T. 13 S., R. 7 W., Walker County, Hydrologic Unit 03160109, on right bank 100 ft downstream from State Highway 257, 0.2 mi downstream from small unnamed tributary, 2 mi east of Manchester, and 5.5 mi north of Jasper.

DRAINAGE AREA.--181 mi².

PERIOD OF RECORD.--October 1938 to September 1971, October 1979 to September 1982, October 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 401.04 ft above sea level. Prior to Dec. 13, 1938, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records good. Possible regulation during periods of low flow at mill dam 2 mi upstream from station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	6.6	83	68	654	665	266	116	156	122	23	87
2	4.3	6.5	71	63	458	622	242	109	193	128	21	152
3	4.3	6.6	63	57	364	1140	2540	103	187	97	21	1110
4	3.8	7.5	56	65	306	1150	5070	96	147	85	23	2000
5	3.4	8.6	51	63	265	990	6010	89	123	89	32	1500
6	6.5	11	48	62	234	758	5800	85	144	240	53	468
7	5.8	24	46	76	207	573	4100	81	835	325	45	275
8	4.5	92	44	321	185	469	1680	371	1920	168	57	208
9	3.9	286	42	304	180	406	785	243	2450	111	54	1130
10	3.6	275	40	217	358	339	603	306	2000	88	59	2110
11	3.3	183	40	189	384	294	490	310	657	76	73	1490
12	3.6	78	37	256	379	814	414	198	361	70	50	547
13	3.5	49	40	250	1140	1760	448	147	274	65	58	342
14	3.5	35	74	217	1490	1630	563	121	213	56	284	258
15	3.5	28	113	197	1240	2210	663	104	179	48	305	205
16	4.3	30	279	177	988	2160	731	92	174	43	142	169
17	4.7	39	577	160	1660	1810	581	83	169	39	89	144
18	5.0	58	602	257	1710	1100	433	75	133	36	68	125
19	5.4	69	348	1590	1440	728	357	70	109	34	58	118
20	5.3	52	237	2260	865	1460	313	75	94	32	53	109
21	5.5	45	182	2510	592	1730	277	116	84	33	50	113
22	5.5	38	153	2100	796	1480	244	140	82	34	44	106
23	5.9	32	131	803	710	1030	217	121	97	31	38	93
24	5.9	103	119	505	560	703	213	102	96	31	35	124
25	6.4	589	104	392	834	547	217	102	82	30	32	123
26	6.4	540	93	318	960	441	189	127	71	30	30	113
27	5.8	310	91	274	737	369	163	109	66	30	29	95
28	5.8	172	98	240	697	324	147	169	66	29	34	81
29	6.2	122	96	270	---	307	140	343	70	27	58	72
30	6.6	97	86	833	---	294	126	249	77	26	70	64
31	6.8	---	76	876	---	281	---	170	---	25	77	---
TOTAL	153.5	3392.8	4120	15970	20393	28584	34022	4622	11309	2278	2065	13531
MEAN	4.95	113	133	515	728	922	1134	149	377	73.5	66.6	451
MAX	6.8	589	602	2510	1710	2210	6010	371	2450	325	305	2110
MIN	3.3	6.5	37	57	180	281	126	70	66	25	21	64
CFSM	.03	.62	.73	2.85	4.02	5.09	6.27	.82	2.08	.41	.37	2.49
IN.	.03	.70	.85	3.28	4.19	5.87	6.99	.95	2.32	.47	.42	2.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

	MEAN	54.3	170	342	619	749	728	565	271	145	117	66.6	69.0
MAX	245	1424	1428	1638	1886	2005	1902	1581	1212	961	231	451	
(WY)	1996	1958	1968	1949	1961	1980	1964	1991	1997	1940	1939	2001	
MIN	2.18	9.66	21.3	31.1	156	272	122	42.1	15.8	11.3	12.1	4.90	
(WY)	1964	1954	1966	1956	1968	1954	1967	1941	1941	1954	1995	2000	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1939 - 2001

ANNUAL TOTAL	72013.9	140440.3	
ANNUAL MEAN	197	385	
HIGHEST ANNUAL MEAN			322
LOWEST ANNUAL MEAN			578
HIGHEST DAILY MEAN	4420	6010	141
LOWEST DAILY MEAN	2.7	3.3	1991
ANNUAL SEVEN-DAY MINIMUM	3.3	3.6	1941
MAXIMUM PEAK FLOW		8720	10400
MAXIMUM PEAK STAGE		11.98	1.3
ANNUAL RUNOFF (CFSM)	1.09	2.13	1.7
ANNUAL RUNOFF (INCHES)	14.80	28.86	10600
10 PERCENT EXCEEDS	387	1060	13.10
50 PERCENT EXCEEDS	52	123	1.78
90 PERCENT EXCEEDS	4.5	10	24.20
			825
			108
			15

MOBILE RIVER BASIN

02453500 MULBERRY FORK AT CORDOVA, AL

LOCATION.--Lat 33°45'27", long 87°10'13", in NW¹/₄ sec. 9, T. 15 S., R. 6 W., Walker County, Hydrologic Unit 03160109, on right bank at downstream side of abutment of St. Louis and San Francisco Railroad bridge, just downstream from Cane Creek, 0.1 mi east of Cordova, and at mile 30.8.

DRAINAGE AREA.--1,916 mi².

PERIOD OF RECORD.--January 1890 to June 1897 fragmentary gage-height records collected by National Weather Service. June 1900 to December 1913 monthly discharge published in WSP 1304. January 1914 to December 1923 and August 1937 to September 1971 in files of U.S. Army Corps of Engineers. October 1971 to current year (gage heights only).

REVISED RECORDS.--WDR AL-82-1: Drainage area.

GAUGE.--Water-stage recorder. Datum of gage is 243.60 ft above sea level. August 1937 to September 1961, nonrecording gage at present site and datum. Prior to August 1937, nonrecording gage at 8.2 ft lower datum.

REMARKS.--Records good. Gage height affected by Lewis Smith Reservoir on Sipsey Fork (02451950) and Bankhead Lock and Dam (02462500) on Black Warrior River.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 39.80 ft, March 30, 1951, maximum gage height (since 1961) 24.27 ft, Feb. 17, 1990; minimum, -9.35 ft, several days in October 1909 (present datum); maximum stage known, 46.5 ft (present datum), April 1892 (information by National Weather Service).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.95 ft, Apr. 4; minimum, 9.54 ft, Oct. 23.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.66	10.21	10.97	11.39	11.73	12.18	11.10	11.16	11.13	10.98	11.45	11.11
2	10.64	10.28	10.85	11.50	12.02	11.77	11.24	11.11	11.17	11.26	11.39	11.27
3	10.61	10.33	10.89	11.41	11.94	12.06	13.48	11.11	11.23	11.27	11.42	13.45
4	10.57	10.29	10.98	11.41	11.75	12.43	19.86	11.08	11.14	11.32	11.39	14.18
5	10.43	10.24	11.07	11.29	11.43	12.17	16.97	11.07	11.34	11.25	11.30	11.90
6	10.38	10.25	11.11	11.33	11.21	12.12	14.98	11.23	11.73	11.18	11.01	11.39
7	10.39	10.32	11.06	11.46	11.26	11.70	13.93	11.23	11.78	11.32	11.09	11.41
8	10.34	10.74	11.04	11.39	11.29	11.92	14.24	10.83	13.26	11.33	11.26	11.24
9	10.25	12.39	11.09	11.32	11.06	11.82	13.73	10.98	12.36	11.28	11.35	11.37
10	10.17	11.52	11.10	11.44	10.99	11.75	13.46	11.12	12.30	11.40	11.49	11.80
11	10.11	11.10	11.09	11.33	11.21	11.51	13.30	11.13	11.73	11.33	11.20	11.23
12	10.07	11.16	11.03	11.35	11.26	12.24	12.90	10.84	11.60	11.42	11.16	11.57
13	10.04	11.19	10.88	11.46	11.99	13.86	11.94	10.63	11.48	11.30	11.11	11.50
14	9.99	11.18	10.92	11.46	12.14	13.45	12.21	10.48	11.67	11.09	11.26	11.47
15	9.93	11.18	10.91	11.51	11.85	14.43	12.50	10.66	11.37	10.97	11.42	11.28
16	9.94	11.21	11.43	11.25	11.74	14.36	12.02	10.82	11.29	11.05	11.45	11.17
17	10.11	11.31	12.16	11.15	12.69	13.30	12.27	10.94	11.13	11.01	11.23	11.44
18	10.26	11.30	11.50	11.13	12.63	12.91	12.32	11.03	11.24	11.09	11.05	11.48
19	10.28	11.27	11.26	12.80	12.60	12.57	11.84	11.05	11.17	11.22	11.13	11.51
20	10.22	11.41	11.51	14.01	12.74	14.19	11.80	11.19	11.12	11.24	11.27	11.40
21	10.15	11.32	11.49	12.28	12.26	15.97	11.30	11.28	11.01	11.34	11.29	11.25
22	10.11	11.30	11.48	11.84	12.43	14.78	11.10	11.11	10.83	11.19	11.28	10.85
23	10.14	11.01	11.28	11.48	12.43	13.15	11.42	11.25	11.05	11.15	11.23	10.92
24	10.21	11.01	11.27	11.33	12.49	12.70	11.76	11.33	11.22	11.19	11.12	11.14
25	10.25	11.26	11.30	11.55	12.25	12.55	11.30	11.30	11.20	11.25	11.07	11.36
26	10.28	11.25	11.39	11.55	12.10	13.39	11.36	11.23	11.05	11.22	11.06	11.48
27	10.22	11.27	11.17	11.32	12.01	13.17	11.17	11.18	11.17	11.14	11.07	11.27
28	10.19	11.18	11.00	11.38	12.31	13.22	10.97	11.25	11.08	11.09	11.11	11.21
29	10.12	11.09	11.14	11.16	---	12.87	11.19	11.18	11.35	11.12	11.31	11.12
30	10.06	11.02	11.32	11.44	---	11.75	11.22	11.40	11.26	11.19	11.42	11.00
31	10.12	---	11.43	11.82	---	11.30	---	11.01	---	11.35	11.16	---
MEAN	10.23	11.02	11.20	11.57	11.92	12.83	12.63	11.07	11.42	11.21	11.24	11.49
MAX	10.66	12.39	12.16	14.01	12.74	15.97	19.86	11.40	13.26	11.42	11.49	14.18
MIN	9.93	10.21	10.85	11.13	10.99	11.30	10.97	10.48	10.83	10.97	11.01	10.85
CAL YR 2000		MEAN 11.25		MAX 19.23		MIN 9.93						
WTR YR 2001		MEAN 11.48		MAX 19.86		MIN 9.93						

MOBILE RIVER BASIN

02454055 LOST CREEK ABOVE PARRISH, AL

LOCATION.--Lat 33°44'30", long 87°19'37", in NE 1/4 sec. 13, T. 15 S., R. 8 W., Walker County, Hydrologic Unit 03160109, on downstream side of bridge on Browns Bridge Road, 1 mi north of County Road 20 (East), 3 mi northwest of Parrish, 3.4 mi west of Oakman, and 16.8 mi above mouth.

DRAINAGE AREA.--143 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 280 ft above sea level, from topographic map.

REMARKS.--Estimated daily discharges: Nov. 5-7, 25, Dec. 17. Records fair except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	5.6	67	76	409	530	210	90	129	61	25	104
2	3.8	6.4	59	74	314	509	196	103	112	64	23	189
3	4.4	5.6	52	79	258	1550	699	123	94	69	22	1120
4	4.6	4.9	47	80	224	1620	4520	115	94	129	22	1420
5	4.5	e4.9	44	77	199	899	4920	110	83	99	27	349
6	8.5	e5.0	43	71	176	582	1300	106	81	158	28	197
7	13	e10	40	70	158	453	766	105	702	135	28	141
8	15	47	39	501	143	372	571	755	2650	86	31	112
9	13	383	37	432	140	322	467	829	778	69	31	841
10	8.2	216	35	246	337	275	397	457	415	58	78	1980
11	5.6	62	34	195	354	239	342	285	284	52	40	565
12	5.0	30	32	288	314	1200	291	198	222	52	37	337
13	6.0	17	33	285	1640	2720	314	174	177	46	58	236
14	6.5	12	83	230	1590	934	331	139	146	41	54	181
15	6.3	8.8	102	198	758	2440	447	114	126	38	40	147
16	6.0	12	171	172	680	2020	540	101	112	36	36	121
17	7.0	31	e800	150	1900	806	373	93	98	36	35	106
18	6.3	42	364	206	994	567	292	83	86	35	32	99
19	5.1	37	223	1950	608	474	248	75	79	36	29	117
20	5.2	35	164	3070	462	1320	220	82	72	34	29	125
21	6.0	26	132	896	379	1400	198	116	69	34	29	93
22	5.6	20	119	549	553	768	173	107	64	32	27	80
23	6.3	15	104	420	553	554	153	97	73	30	27	72
24	6.8	34	93	346	384	447	149	78	71	30	27	92
25	7.4	e700	86	289	610	379	151	80	59	30	26	131
26	8.3	351	79	241	774	321	129	76	53	28	25	93
27	9.1	166	79	215	493	279	117	66	53	28	26	72
28	9.6	113	96	191	545	250	108	110	52	25	30	72
29	13	91	103	198	---	233	111	304	54	24	32	58
30	13	79	93	931	---	225	100	220	52	25	28	53
31	11	---	83	650	---	219	---	132	---	28	60	---
TOTAL	233.4	2570.2	3536	13376	15949	24907	18833	5523	7140	1648	1042	9303
MEAN	7.53	85.7	114	431	570	803	628	178	238	53.2	33.6	310
MAX	15	700	800	3070	1900	2720	4920	829	2650	158	78	1980
MIN	3.3	4.9	32	70	140	219	100	66	52	24	22	53
CFSM	.05	.60	.80	3.02	3.98	5.62	4.39	1.25	1.66	.37	.24	2.17
IN.	.06	.67	.92	3.48	4.15	6.48	4.90	1.44	1.86	.43	.27	2.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2001, BY WATER YEAR (WY)

	MEAN	63.4	155	283	623	494	646	415	197	177	87.8	51.3	69.2
MAX	187	384	508	1017	824	1140	735	545	829	246	118	310	310
(WY)	1996	1993	1996	1998	1994	1994	2000	1997	1997	1997	1998	2001	2001
MIN	7.53	29.8	27.0	229	148	386	118	52.4	22.6	11.0	19.0	7.02	7.02
(WY)	2001	2000	2000	2000	2000	1993	1997	2000	2000	2000	1999	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1993 - 2001
ANNUAL TOTAL	68170.6	104060.6	
ANNUAL MEAN	186	285	271
HIGHEST ANNUAL MEAN			355
LOWEST ANNUAL MEAN			175
HIGHEST DAILY MEAN	6400	4920	9170
LOWEST DAILY MEAN	3.3	3.3	3.3
ANNUAL SEVEN-DAY MINIMUM	4.1	5.9	4.1
MAXIMUM PEAK FLOW		5990	10600
MAXIMUM PEAK STAGE		22.79	29.48
ANNUAL RUNOFF (CFSM)	1.30	1.99	1.89
ANNUAL RUNOFF (INCHES)	17.73	27.07	25.73
10 PERCENT EXCEEDS	321	701	557
50 PERCENT EXCEEDS	36	102	108
90 PERCENT EXCEEDS	6.5	13	17

e Estimated

MOBILE RIVER BASIN

02455000 LOCUST FORK NEAR CLEVELAND, AL

LOCATION.—Lat 34°01'28", long 86°34'27", in NE¹/₄ sec. 6, T. 12 S., R. 1 E., Blount County, Hydrologic Unit 03160111, on left bank 200 ft upstream from bridge on U.S. Highway 231, 2.5 mi downstream from Graves Creek, 3 mi north of Cleveland, and at mile 98.6.

DRAINAGE AREA.—303 mi².

PERIOD OF RECORD.—December 1936 to September 1986, October 1986 to September 1992 (flood hydrograph), October 1992 to current year.

REVISED RECORDS.—WSP 1112: 1943(M). WSP 1304: 1939(M), 1941(M). WDR AL-79-2: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 536.94 ft above sea level (U.S. Army Corps of Engineers benchmark). Prior to Apr. 19, 1940, nonrecording gage at present site and datum. Apr. 20, 1940 to Apr. 11, 1945, nonrecording gage and April 12, 1945 to Sept. 30, 1972, water-stage recorder at site 200 ft downstream at same datum.

REMARKS.—Estimated discharges: Oct. 6. Records good.

REVISIONS.—Daily discharges for Sept. 26-30, 2000 are superseded and revised to 19, 15, 13, and 12 ft³/s, respectively.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	6.3	194	135	798	1050	744	159	272	238	72	87
2	11	6.4	173	128	650	936	641	145	273	181	57	217
3	10	7.3	154	126	561	1540	1340	131	301	362	50	966
4	9.7	8.1	136	114	498	2510	2590	116	1040	626	46	1390
5	9.3	8.8	124	126	451	1900	3480	106	712	548	46	727
6	e18	8.5	119	119	409	1390	2460	99	478	1070	46	512
7	8.5	17	113	121	368	1080	1580	89	769	536	48	358
8	6.5	21	108	192	337	903	1140	117	1190	355	42	278
9	5.8	1330	104	326	324	780	928	190	765	281	39	224
10	5.5	975	100	276	692	671	794	218	534	829	56	183
11	6.3	478	94	240	638	603	677	145	398	920	475	156
12	7.2	211	88	274	571	2810	585	136	325	463	295	139
13	7.0	142	88	327	1010	4810	567	129	275	319	212	123
14	6.7	110	113	300	1220	2210	609	103	226	237	167	109
15	6.3	92	173	282	1000	4080	733	90	192	189	151	97
16	6.0	87	195	265	1040	2900	843	79	251	155	103	87
17	5.8	131	446	249	2900	1880	593	72	207	128	81	79
18	6.8	260	560	349	1820	1340	482	66	155	111	71	73
19	6.5	208	424	2520	1310	1100	426	64	123	99	81	76
20	6.2	196	340	2850	1030	6080	382	68	105	99	68	88
21	6.0	196	286	1780	893	5410	346	73	93	142	62	81
22	5.8	167	260	1150	1840	2990	312	73	98	110	51	73
23	5.5	143	230	864	1790	2160	278	70	142	92	47	67
24	5.3	155	205	722	1230	1650	259	74	132	76	43	64
25	5.4	509	194	612	2120	1260	242	199	98	81	40	155
26	5.5	665	181	526	1880	993	218	142	84	75	38	99
27	5.7	452	170	478	1370	840	195	104	79	66	36	77
28	5.8	327	173	422	1220	735	176	239	1410	60	34	68
29	5.9	265	179	412	---	682	164	961	749	56	45	63
30	6.3	225	163	1400	---	833	165	488	349	56	42	58
31	6.1	---	146	1120	---	781	---	303	---	82	48	---
TOTAL	223.4	7407.4	6033	18805	29970	58907	23949	5048	11825	8642	2692	6774
MEAN	7.21	247	195	607	1070	1900	798	163	394	279	86.8	226
MAX	18	1330	560	2850	2900	6080	3480	961	1410	1070	475	1390
MIN	5.3	6.3	88	114	324	603	164	64	79	56	34	58
CFSM	.02	.81	.64	2.00	3.53	6.27	2.63	.54	1.30	.92	.29	.75
IN.	.03	.91	.74	2.31	3.68	7.23	2.94	.62	1.45	1.06	.33	.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	MEAN	135	284	619	1077	1164	1196	890	405	187	178	111	101
	MAX	1176	2123	2448	3158	3162	3508	2949	1622	1706	795	1030	503
(WY)	1996	1949	1943	1947	1961	1980	1964	1983	1997	1967	1941	1979	
	MIN	5.31	8.96	19.5	62.7	218	361	105	60.0	19.0	13.8	10.4	5.04
(WY)	1955	1955	1966	1956	2000	1941	1986	1942	1941	1960	1954	1954	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1937 - 2001
ANNUAL TOTAL	98504.9	180275.8	
ANNUAL MEAN	269	494	524
HIGHEST ANNUAL MEAN			873
LOWEST ANNUAL MEAN			237
HIGHEST DAILY MEAN	11500	6080	33900
LOWEST DAILY MEAN	5.3	5.3	2.3
ANNUAL SEVEN-DAY MINIMUM	5.6	5.6	2.8
MAXIMUM PEAK FLOW		9520	47000
MAXIMUM PEAK STAGE		10.76	19.20
ANNUAL RUNOFF (CFSM)	.89	1.63	1.73
ANNUAL RUNOFF (INCHES)	12.09	22.13	23.51
10 PERCENT EXCEEDS	518	1280	1260
50 PERCENT EXCEEDS	94	194	183
90 PERCENT EXCEEDS	6.7	15	17

* Minimum discharge prior to October 1, 1943 not determined.

e Estimated

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL

LOCATION.--Lat 33°42'40", long 86°41'46", in SW¹/₄ sec. 24, T. 15 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, near left bank on downstream side of foot bridge, 400 ft upstream from Turkey Creek Wastewater Treatment Plant effluent, 1.8 mi northwest of Pinson, and 7 mi southeast of Morris.

DRAINAGE AREA.--27.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1988 to current year, June 1979 to June 1988 in files of Barton Laboratory, Jefferson County Commission.

REVISED RECORD.--WDR AL-00-1: 1990, 1993, 1996-98, 1989-99 (M).

GAGE.--Water-stage recorder. Datum of gage is 501.69 ft above sea level (levels by Jefferson County Engineering Department).

REMARKS.--Estimated daily discharges: Sept. 6, 7. Water-discharge records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.6	6.6	14	14	40	50	43	32	34	37	18	89
2	7.4	6.4	13	13	36	98	41	32	32	30	17	95
3	7.1	6.7	12	13	34	162	1490	30	30	31	18	1480
4	7.0	8.6	12	13	33	164	849	30	29	44	20	1040
5	7.0	7.7	11	13	31	94	299	30	28	134	25	261
6	18	7.3	11	12	30	67	161	30	26	53	30	e135
7	11	21	11	14	28	55	112	29	32	38	51	e88
8	8.4	26	10	25	27	49	86	30	42	34	26	66
9	7.9	518	10	20	27	46	66	29	33	33	23	57
10	7.6	37	10	19	32	44	58	28	31	43	24	51
11	7.4	26	9.7	21	29	42	51	27	37	36	23	47
12	7.4	19	9.2	23	34	165	48	31	32	33	22	45
13	7.3	15	10	21	103	97	57	27	29	31	138	40
14	7.2	13	15	21	67	65	47	26	31	28	41	37
15	7.4	12	12	20	52	347	95	26	34	27	29	36
16	7.3	19	32	18	62	123	55	26	31	25	27	35
17	7.4	25	35	21	79	80	47	25	27	24	23	34
18	7.3	19	30	31	54	61	44	25	26	23	28	32
19	6.7	29	27	187	48	70	42	26	25	23	27	34
20	6.7	25	24	80	44	815	41	27	24	24	23	32
21	6.7	21	22	50	40	281	40	27	24	24	22	29
22	7.0	18	20	43	47	147	38	30	93	22	21	28
23	6.7	16	18	39	41	103	37	27	36	21	19	27
24	6.7	21	17	36	38	73	37	27	30	21	19	28
25	6.7	30	17	33	182	60	36	29	28	23	17	27
26	6.9	26	16	31	71	52	35	26	27	26	17	25
27	6.6	22	17	30	60	48	35	25	29	21	92	24
28	6.6	16	17	28	58	46	33	31	32	19	36	23
29	6.6	16	16	43	---	45	33	39	30	20	24	24
30	6.9	15	15	71	---	50	32	29	55	21	22	23
31	6.6	---	14	45	---	45	---	31	---	20	203	---
TOTAL	235.1	1048.3	506.9	1048	1427	3644	4088	887	997	989	1125	3992
MEAN	7.58	34.9	16.4	33.8	51.0	118	136	28.6	33.2	31.9	36.3	133
MAX	18	518	35	187	182	815	1490	39	93	134	203	1480
MIN	6.6	6.4	9.2	12	27	42	32	25	24	19	17	23
CFSM	.28	1.28	.60	1.23	1.86	4.29	4.97	1.04	1.21	1.16	1.32	4.86
IN.	.32	1.42	.69	1.42	1.94	4.95	5.55	1.20	1.35	1.34	1.53	5.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2001, BY WATER YEAR (WY)

	MEAN	27.7	33.5	36.9	78.5	79.7	108	72.8	39.6	42.6	34.8	24.2	29.7
MAX	123	68.4	77.2	171	274	204	156	97.6	157	70.6	50.0	133	
(WY)	1996	1996	1995	1996	1990	1996	2000	1991	1997	1997	1998	2001	
MIN	7.58	15.1	14.3	25.1	27.2	39.0	32.7	19.2	18.3	12.5	11.0	9.66	
(WY)	2001	1999	2000	2000	2000	1992	1992	1992	2000	2000	2000	2000	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1988 - 2001

ANNUAL TOTAL	16183.8	19987.3	50.1
ANNUAL MEAN	44.2	54.8	75.3
HIGHEST ANNUAL MEAN			20.4
LOWEST ANNUAL MEAN			2000
HIGHEST DAILY MEAN	2200	1490	2200
LOWEST DAILY MEAN	6.4	6.4	6.4
ANNUAL SEVEN-DAY MINIMUM	6.6	6.6	6.6
MAXIMUM PEAK FLOW		4610	10100
MAXIMUM PEAK STAGE		11.57	16.17
ANNUAL RUNOFF (CFSM)	1.61	2.00	1.83
ANNUAL RUNOFF (INCHES)	21.97	27.14	24.86
10 PERCENT EXCEEDS	57	80	82
50 PERCENT EXCEEDS	18	29	31
90 PERCENT EXCEEDS	7.9	9.5	14

e Estimated

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1989 to current year.

WATER TEMPERATURES: January 1989 to current year.

DISSOLVED OXYGEN: January 1989 to current year.

INSTRUMENTATION.--Water-quality monitor since January 1989.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR

CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 366 microSiemens, Apr. 24, 1999; minimum, 61 microSiemens, Feb. 16, 1990, Mar. 6, 1996.

WATER TEMPERATURES: Maximum, 28.7°C, Aug. 19, 1995; minimum, 1.9°C, Dec. 23, 1989.

DISSOLVED OXYGEN: Maximum, 15.7 mg/L, Aug. 30, 1992, Dec. 31, 2000; minimum, 3.2 mg/L, May 8, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 360 microSiemens, Oct. 13; minimum, 79 microSiemens, Apr. 3.

WATER TEMPERATURE: Maximum, 25.6°C, July 31, Aug. 1, 5; minimum, 3.0°C, Jan. 3.

DISSOLVED OXYGEN: Maximum, 15.7 mg/L, Dec. 31; minimum, 5.0 mg/L, Oct. 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	300	284	294	310	298	305	335	328	332	314	303	309
2	300	275	293	309	296	304	336	329	333	315	300	309
3	300	288	296	309	296	303	336	330	334	316	303	310
4	304	285	299	308	261	298	338	332	336	315	300	309
5	303	288	299	300	275	288	340	333	337	317	298	308
6	304	201	256	313	292	302	340	334	337	312	298	306
7	299	258	285	299	207	253	342	332	338	313	280	301
8	306	298	302	296	178	277	342	328	337	286	263	271
9	308	300	304	245	103	189	341	331	338	296	283	289
10	308	291	304	287	245	270	340	328	335	299	285	294
11	307	292	303	304	282	294	339	326	333	301	287	293
12	309	265	302	329	294	306	340	329	335	297	284	289
13	360	299	307	315	309	312	342	283	323	299	278	291
14	315	299	304	319	287	313	306	281	291	301	286	295
15	308	291	303	317	280	313	312	302	308	302	283	295
16	313	294	302	320	272	303	314	172	266	303	291	298
17	307	295	301	306	273	293	289	213	271	304	277	294
18	307	292	301	314	306	311	303	289	297	288	262	276
19	305	292	299	311	289	297	306	299	302	281	155	220
20	306	291	299	317	299	309	310	304	307	254	234	246
21	308	291	300	321	316	318	311	307	309	264	254	258
22	306	294	300	324	319	322	312	305	310	271	264	267
23	312	294	304	326	319	324	314	305	310	277	269	273
24	308	295	301	333	276	319	314	302	309	280	271	276
25	304	292	299	299	271	289	312	299	306	283	276	280
26	304	286	298	300	295	298	312	298	307	286	278	283
27	309	295	301	312	296	301	314	301	308	288	274	283
28	305	291	298	328	312	321	311	302	306	290	276	285
29	305	289	298	331	321	326	311	300	308	291	168	269
30	304	290	298	332	326	328	314	302	309	272	169	241
31	312	298	304	---	---	---	315	302	310	278	270	273
MONTH	360	201	299	333	103	300	342	172	316	317	155	284

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.0	17.6	19.2	19.2	16.7	17.8	11.1	7.9	9.5	5.8	5.0	5.5
2	20.4	17.6	19.1	19.1	16.6	17.8	12.2	10.7	11.4	5.6	3.8	4.8
3	21.0	17.7	19.3	19.1	16.8	17.8	11.0	8.6	9.4	5.3	3.0	4.4
4	21.1	17.8	19.3	18.1	17.3	17.6	9.3	7.5	8.5	6.7	4.1	5.5
5	21.1	17.5	19.2	18.1	16.9	17.4	9.0	6.8	8.1	7.9	5.1	6.6
6	20.0	18.1	19.5	17.5	16.8	17.1	8.6	7.1	8.0	8.1	5.6	7.0
7	18.1	14.2	16.0	19.9	17.5	18.8	9.3	7.2	8.4	10.1	6.6	8.0
8	14.2	11.9	12.9	20.5	19.0	19.6	10.3	7.6	9.1	10.1	7.5	8.9
9	13.1	9.9	11.5	19.9	16.3	18.9	11.1	9.2	10.1	7.5	5.6	6.6
10	13.7	9.8	11.6	16.3	13.1	14.8	12.3	11.1	11.7	7.8	4.9	6.5
11	14.3	10.3	12.2	14.0	11.4	12.7	13.2	11.8	12.5	8.6	6.6	7.4
12	15.3	11.1	13.1	14.0	11.1	12.7	13.1	7.9	10.0	9.0	8.6	8.7
13	15.9	12.0	13.8	13.6	12.2	13.0	9.9	7.1	8.1	11.0	8.6	9.7
14	16.3	12.6	14.4	13.0	10.5	11.6	10.6	9.8	10.4	10.9	8.9	9.9
15	16.8	13.2	14.9	11.4	8.8	10.2	11.5	9.4	10.4	12.3	10.7	11.3
16	17.4	14.0	15.6	12.4	10.8	11.4	15.1	11.5	13.2	10.9	9.5	10.0
17	18.2	15.5	16.8	12.7	10.8	12.3	12.8	7.2	8.9	10.6	10.1	10.3
18	18.6	16.2	17.3	10.8	9.2	9.7	9.0	6.1	7.5	12.3	10.6	11.4
19	17.8	15.2	16.6	10.2	8.9	9.6	9.0	5.5	7.4	13.1	9.3	11.3
20	19.2	16.4	17.6	10.8	8.6	9.7	6.5	4.2	5.5	9.3	7.9	8.9
21	19.4	17.5	18.2	9.8	7.8	8.7	7.5	6.3	6.9	9.4	7.0	8.1
22	19.4	16.9	18.0	10.0	6.7	8.5	6.6	4.7	5.7	9.7	6.6	8.1
23	19.6	16.7	18.0	11.5	9.4	10.5	7.1	4.1	5.7	10.2	6.8	8.5
24	19.4	16.7	18.0	11.8	11.1	11.4	9.3	7.1	8.1	11.0	7.9	9.5
25	19.1	16.6	17.8	13.5	11.8	12.9	8.2	6.4	7.5	9.7	7.7	8.8
26	19.4	17.1	18.1	13.7	12.1	12.9	9.4	7.7	8.6	9.7	6.5	8.1
27	19.2	16.4	17.7	12.1	10.2	11.3	9.4	8.8	9.1	11.7	9.4	10.3
28	19.4	16.7	18.0	11.9	9.2	10.8	9.2	7.7	8.9	11.6	7.9	9.9
29	19.5	16.7	18.0	12.3	10.9	11.6	7.7	6.1	7.1	13.2	10.4	11.7
30	19.5	16.7	18.1	10.9	8.8	9.9	6.6	4.4	5.3	12.9	10.4	11.6
31	19.5	16.9	18.1	---	---	---	5.8	3.3	4.7	13.2	10.5	11.8
MONTH	21.1	9.8	16.7	20.5	6.7	13.3	15.1	3.3	8.6	13.2	3.0	8.7
FEBRUARY			MARCH			APRIL			MAY			
1	11.8	9.7	10.8	16.0	12.1	14.0	17.0	12.4	14.3	19.8	16.6	18.3
2	10.9	9.3	10.2	15.2	14.3	14.8	18.0	12.0	14.8	20.2	16.6	18.5
3	10.8	7.8	9.4	14.6	13.9	14.3	15.6	14.0	14.7	20.4	16.1	18.3
4	11.8	8.7	10.4	14.3	12.2	13.5	15.0	13.9	14.4	21.2	16.3	18.7
5	11.8	8.7	10.4	14.4	11.1	12.4	15.4	14.1	14.7	20.5	16.8	18.8
6	12.1	8.1	10.3	13.9	10.1	11.7	18.8	14.5	16.3	20.8	17.4	19.2
7	13.4	9.1	11.3	14.3	9.9	11.8	19.1	15.5	17.1	21.6	18.1	19.7
8	14.2	10.3	12.4	15.0	9.9	12.5	19.6	15.6	17.4	20.4	17.9	19.2
9	16.1	12.2	14.1	13.8	11.1	12.7	19.7	16.4	17.8	19.6	17.8	18.7
10	14.5	10.1	12.2	15.1	9.5	12.2	21.4	16.5	18.6	20.3	17.2	18.8
11	11.4	8.3	10.0	15.7	10.5	13.2	21.3	17.0	18.8	21.5	17.8	19.6
12	11.7	11.1	11.4	14.1	13.2	13.6	20.6	17.7	19.0	21.5	18.3	19.8
13	11.9	10.1	11.2	16.8	13.3	14.6	19.5	17.8	18.6	21.5	17.5	19.4
14	13.9	11.9	13.0	14.9	12.1	13.5	17.9	16.0	17.1	21.1	16.1	18.7
15	16.4	13.4	14.9	15.8	11.9	13.8	19.3	16.2	17.5	22.2	17.1	19.6
16	17.5	13.4	15.6	15.0	13.0	13.9	19.3	15.6	17.2	22.3	18.0	20.2
17	13.4	10.6	12.1	15.4	11.6	13.2	17.1	14.2	15.5	22.8	18.4	20.5
18	12.6	9.2	10.8	15.9	11.2	13.3	16.8	12.2	14.4	22.9	18.5	20.7
19	14.0	9.5	11.6	12.8	10.5	11.9	17.6	12.2	14.8	22.1	19.6	20.7
20	15.1	11.6	13.3	10.5	7.2	9.3	17.2	13.8	15.5	23.2	19.7	21.2
21	15.9	13.5	14.6	12.4	10.5	11.4	19.3	15.5	17.2	21.9	20.3	21.0
22	14.5	12.5	14.0	15.6	10.6	12.9	20.6	15.9	18.1	20.8	18.5	19.7
23	15.3	11.5	13.3	16.7	11.6	13.9	19.9	16.5	18.3	20.9	16.1	18.6
24	15.0	12.7	13.8	15.2	12.5	13.8	18.2	15.9	17.1	20.2	17.5	18.8
25	15.4	13.5	14.8	15.6	11.4	13.3	18.5	14.0	16.1	21.1	17.5	19.1
26	16.0	12.1	13.9	14.9	10.4	12.4	18.8	13.6	16.2	21.0	16.4	18.7
27	13.6	12.6	13.1	15.4	9.7	12.3	19.5	14.0	16.8	21.5	17.5	19.6
28	14.6	12.7	13.5	12.9	10.2	11.7	20.1	15.3	17.8	21.6	19.4	20.3
29	---	---	---	13.0	12.0	12.3	20.2	16.3	18.3	22.8	19.5	21.0
30	---	---	---	14.0	12.2	13.1	20.5	17.0	18.7	22.2	18.3	20.3
31	---	---	---	14.5	13.2	13.7	---	---	---	21.4	19.0	20.1
MONTH	17.5	7.8	12.4	16.8	7.2	12.9	21.4	12.0	16.8	23.2	16.1	19.5

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.0	19.3	20.1	22.9	20.7	21.9	25.6	22.0	23.6	22.1	21.4	21.8
2	20.0	17.6	18.9	23.6	20.4	22.0	25.2	21.6	23.3	21.9	20.7	21.3
3	21.1	18.6	19.7	23.2	20.9	22.0	24.9	21.3	23.0	22.1	21.2	21.7
4	22.2	18.8	20.3	24.1	21.2	22.4	24.7	21.7	23.0	22.6	21.0	21.7
5	20.8	19.4	20.1	23.6	21.5	22.3	25.6	21.9	23.4	22.8	20.5	21.5
6	22.0	19.5	20.7	24.2	20.6	22.2	23.8	22.1	22.5	---	---	---
7	21.3	20.0	20.6	24.1	20.5	22.3	23.8	22.0	22.9	---	---	---
8	22.4	20.6	21.3	24.2	20.5	22.4	23.9	21.6	22.6	22.8	20.5	21.6
9	21.5	20.0	20.8	24.4	21.2	22.8	23.0	21.6	22.2	22.5	20.5	21.5
10	23.2	19.2	21.1	25.6	21.9	23.5	22.2	21.0	21.6	21.9	20.6	21.2
11	22.1	20.2	21.2	24.6	21.6	23.0	22.2	20.6	21.3	22.4	19.6	21.1
12	22.6	19.7	21.2	24.6	21.6	23.1	22.5	20.9	21.6	22.7	20.3	21.5
13	23.9	20.0	21.8	24.5	21.6	22.9	23.9	21.0	22.4	22.6	20.0	21.3
14	23.8	20.8	22.1	23.1	19.7	21.5	24.7	21.8	23.1	22.4	19.4	20.9
15	24.2	21.1	22.5	23.5	20.0	21.9	24.2	20.5	22.3	20.9	19.1	20.1
16	24.5	20.5	22.3	23.8	20.8	22.2	24.0	20.4	22.1	20.8	17.9	19.3
17	24.0	19.4	21.7	24.2	20.7	22.4	23.7	21.2	22.4	20.1	17.9	19.1
18	24.5	20.3	22.3	24.4	20.6	22.5	23.2	20.9	22.1	20.6	18.2	19.4
19	24.3	20.6	22.4	24.8	21.2	22.9	23.1	20.9	21.9	20.7	19.4	20.0
20	23.3	20.2	21.8	24.3	21.8	22.9	24.2	20.6	22.2	21.7	19.5	20.3
21	24.5	20.4	22.3	22.6	21.3	21.9	23.3	19.6	21.5	21.2	17.8	19.5
22	22.4	20.4	21.6	24.1	20.6	22.2	23.7	19.8	21.7	21.4	18.4	19.9
23	22.5	19.2	20.9	24.9	21.0	22.8	23.8	20.1	21.9	21.9	19.0	20.4
24	22.6	18.7	20.6	24.7	21.2	22.9	24.5	20.6	22.4	20.8	18.2	19.7
25	22.9	18.8	20.8	24.9	21.8	23.1	24.3	21.1	22.6	18.4	15.9	17.2
26	21.8	19.4	20.7	24.5	22.1	23.1	24.3	21.3	22.7	17.8	14.3	16.1
27	23.1	19.4	21.0	24.8	21.6	23.1	24.4	21.3	22.5	18.2	14.3	16.3
28	22.3	20.2	21.3	25.3	21.8	23.5	22.7	21.1	21.9	18.6	14.9	16.8
29	22.9	20.1	21.4	24.3	22.2	23.3	21.9	21.1	21.5	18.7	15.7	17.1
30	23.9	20.3	21.9	24.5	22.0	23.2	21.8	20.6	21.1	18.5	15.3	16.9
31	---	---	---	25.6	22.1	23.7	22.7	20.5	21.5	---	---	---
MONTH	24.5	17.6	21.2	25.6	19.7	22.6	25.6	19.6	22.3	22.8	14.3	19.8
YEAR	25.6	3.0	16.2									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.1	8.5	9.0	9.0	6.3	7.1	12.4	10.6	11.4	14.8	12.6	13.5
2	9.9	8.5	9.1	9.5	6.4	7.4	11.7	10.4	10.8	15.6	13.0	14.0
3	10.4	8.7	9.2	9.6	6.5	7.6	12.6	10.6	11.6	15.6	12.8	13.9
4	9.9	5.1	7.5	8.9	6.8	7.5	13.0	11.5	12.0	15.2	12.2	13.4
5	6.7	5.5	6.0	8.5	6.3	7.1	13.3	11.3	11.9	14.7	11.5	12.9
6	6.3	5.0	5.6	7.8	6.4	6.9	13.1	11.4	12.1	14.5	11.4	12.6
7	6.6	5.7	6.2	7.4	5.6	6.4	13.1	11.2	11.9	14.3	10.6	12.0
8	7.6	5.7	6.6	7.2	5.7	6.4	13.0	10.7	11.5	14.6	9.9	11.0
9	7.8	5.5	6.7	7.6	6.2	6.8	12.6	10.5	11.3	12.3	10.1	10.8
10	---	---	---	---	---	---	12.2	10.1	10.8	13.6	9.4	10.7
11	---	---	---	---	---	---	12.1	9.6	10.7	10.3	8.6	9.5
12	---	---	---	---	---	---	13.2	9.6	11.6	10.1	8.4	9.0
13	---	---	---	---	---	---	13.4	11.4	12.3	11.3	8.1	9.3
14	---	---	---	---	---	---	12.1	11.0	11.4	10.3	8.0	8.8
15	---	---	---	---	---	---	13.0	10.6	11.7	10.6	7.9	8.7
16	---	---	---	11.2	10.8	11.0	11.4	9.8	10.4	10.7	8.1	8.9
17	---	---	---	11.3	9.8	10.5	12.9	10.2	12.0	10.4	8.2	8.9
18	---	---	---	11.8	11.2	11.5	13.6	11.7	12.6	8.9	7.7	8.2
19	10.1	8.2	9.3	11.8	10.3	11.2	13.3	11.7	12.6	9.2	7.7	8.3
20	9.6	7.1	8.3	14.2	10.4	11.5	14.5	12.7	13.5	9.9	9.2	9.5
21	8.7	7.2	7.9	13.3	11.3	11.9	13.1	12.4	12.7	11.6	9.4	10.1
22	9.1	7.1	8.0	12.5	11.2	11.8	14.6	12.7	13.5	13.2	9.2	10.2
23	9.4	7.0	8.2	11.5	10.8	11.2	14.7	12.4	13.5	13.3	9.1	10.1
24	9.6	7.3	8.3	10.9	10.3	10.7	13.9	11.7	12.6	14.0	8.7	10.0
25	9.8	7.6	8.5	10.6	9.6	10.1	14.4	11.9	12.8	13.8	9.1	10.3
26	9.9	7.8	8.5	10.5	9.8	10.2	14.2	11.2	12.4	11.7	9.2	10.3
27	9.6	7.6	8.4	11.1	8.6	10.6	12.5	11.2	11.6	14.4	8.7	10.0
28	9.8	7.8	8.5	11.7	10.2	11.0	12.9	11.2	11.7	14.7	8.6	10.3
29	10.2	8.0	8.7	11.1	10.2	10.6	14.4	11.8	12.7	11.3	7.9	9.1
30	9.8	7.7	8.3	12.1	10.5	11.2	14.9	12.2	13.5	12.3	8.7	9.9
31	10.0	6.6	8.0	---	---	---	15.7	12.7	13.9	12.3	10.2	11.0
MONTH	10.4	5.0	7.9	14.2	5.6	9.5	15.7	9.6	12.1	15.6	7.7	10.5

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	12.9	10.6	11.5	11.4	9.9	10.6	11.6	9.7	10.6	10.4	7.9	8.9
2	13.1	10.9	11.7	10.4	10.0	10.2	11.8	9.4	10.6	10.0	7.6	8.8
3	13.6	10.8	11.9	10.5	10.2	10.3	12.8	9.8	10.6	10.2	7.6	8.8
4	13.5	10.4	11.6	11.1	10.3	10.6	---	---	---	10.1	7.6	8.7
5	13.5	10.5	11.6	11.6	10.3	11.0	---	---	---	10.1	7.8	8.7
6	13.6	10.3	11.6	11.8	10.4	11.1	10.0	9.1	9.6	10.0	7.8	8.7
7	13.4	9.9	11.4	11.8	10.2	11.0	9.8	9.1	9.5	10.1	7.7	8.8
8	13.2	9.6	11.0	11.9	9.8	10.9	9.8	9.1	9.4	10.1	8.1	8.6
9	12.4	9.1	10.4	11.4	10.1	10.7	9.7	9.0	9.3	9.5	8.1	8.5
10	12.5	9.5	10.9	12.0	9.8	11.0	9.8	8.7	9.2	10.3	7.7	8.7
11	13.2	10.5	11.6	11.8	9.7	10.7	9.7	8.7	9.2	10.1	7.5	8.7
12	11.8	10.5	10.9	10.7	10.0	10.3	9.7	8.8	9.2	9.9	7.6	8.5
13	11.5	10.8	11.1	10.6	9.7	10.2	9.4	9.0	9.2	10.3	7.6	8.5
14	11.1	10.1	10.6	11.2	9.9	10.5	9.9	9.2	9.5	10.5	7.6	8.8
15	11.0	9.4	10.1	10.7	9.8	10.2	9.6	9.1	9.4	11.4	8.6	9.6
16	10.8	9.1	9.9	10.7	10.0	10.3	10.0	9.2	9.5	11.5	9.5	10.3
17	11.9	10.3	11.0	11.2	10.1	10.6	10.3	9.5	9.9	11.8	9.7	10.6
18	12.6	10.6	11.5	11.2	9.8	10.6	10.7	9.6	10.1	12.0	9.9	10.8
19	12.5	10.1	11.2	11.2	10.4	10.8	10.8	9.5	10.1	12.0	10.2	11.0
20	11.8	9.7	10.7	12.1	11.1	11.4	10.7	9.5	10.0	12.2	10.2	11.0
21	11.4	9.5	10.3	11.3	10.7	11.0	10.4	9.3	9.9	12.2	10.5	11.2
22	10.9	9.7	10.3	11.4	10.0	10.7	10.4	9.1	9.7	13.0	11.1	11.9
23	12.3	9.9	11.0	11.2	9.7	10.5	10.7	8.3	9.5	14.0	11.5	12.7
24	11.5	9.9	10.7	11.0	10.0	10.5	9.6	8.3	8.9	13.9	11.9	12.7
25	10.7	9.9	10.3	11.7	10.1	10.8	11.4	8.0	9.3	---	---	---
26	11.3	10.0	10.7	12.0	10.3	11.1	11.0	7.9	9.1	---	---	---
27	11.3	10.6	10.8	12.1	10.2	11.1	10.8	7.8	9.0	---	---	---
28	11.4	10.3	10.7	12.1	10.7	11.3	10.8	7.8	9.0	---	---	---
29	---	---	---	11.3	10.6	10.9	10.4	7.6	8.8	---	---	---
30	---	---	---	11.2	10.3	10.7	10.4	7.7	8.8	---	---	---
31	---	---	---	11.3	10.2	10.6	---	---	---	10.4	8.7	9.4
MONTH	13.6	9.1	11.0	12.1	9.7	10.7	12.8	7.6	9.5	14.0	7.5	9.7
JUNE				JULY			AUGUST			SEPTEMBER		
1	10.0	9.1	9.4	9.1	8.3	8.7	11.2	7.9	9.3	9.7	9.3	9.5
2	11.0	9.5	10.1	9.4	8.1	8.8	---	---	---	9.7	9.3	9.5
3	11.0	9.6	10.0	9.3	8.3	8.7	---	---	---	9.6	9.4	9.5
4	11.0	9.4	10.1	9.2	8.2	8.7	---	---	---	9.7	9.2	9.5
5	11.3	9.7	10.3	8.8	8.5	8.7	---	---	---	9.8	9.1	9.5
6	11.2	9.7	10.3	9.1	8.2	8.7	---	---	---	---	---	---
7	11.3	9.8	10.3	9.2	8.2	8.7	---	---	---	---	---	---
8	11.0	9.8	10.3	9.5	8.2	8.8	---	---	---	9.7	8.8	9.3
9	11.3	9.9	10.5	9.3	8.2	8.7	---	---	---	9.7	8.9	9.3
10	11.5	9.7	10.6	9.0	7.9	8.5	---	---	---	9.7	8.9	9.3
11	10.7	9.8	10.2	9.5	8.2	8.6	---	---	---	9.6	8.8	9.2
12	11.3	9.8	10.5	9.4	8.2	8.7	---	---	---	9.6	8.7	9.1
13	11.3	9.6	10.4	9.7	8.3	8.8	---	---	---	9.6	8.7	9.1
14	11.1	9.6	10.2	10.2	8.5	9.3	---	---	---	9.7	8.6	9.1
15	10.9	9.4	10.0	10.3	8.6	9.3	---	---	---	9.9	8.9	9.3
16	10.7	9.2	9.9	10.3	8.7	9.3	---	---	---	10.2	9.0	9.5
17	10.5	8.9	9.7	10.5	8.7	9.4	---	---	---	10.2	9.1	9.6
18	9.8	8.1	9.0	10.6	8.7	9.5	---	---	---	10.2	8.9	9.5
19	9.5	8.1	8.7	10.7	8.7	9.5	---	---	---	9.8	8.8	9.1
20	9.9	8.2	8.8	10.5	8.8	9.5	---	---	---	9.8	8.6	9.1
21	9.5	8.0	8.7	10.5	9.1	9.7	---	---	---	9.9	8.6	9.1
22	9.0	8.1	8.5	10.9	9.0	9.9	---	---	---	9.7	8.3	8.9
23	9.3	8.4	8.8	11.0	9.0	9.8	---	---	---	9.3	8.0	8.6
24	9.6	8.4	8.9	11.0	9.1	9.8	---	---	---	8.7	8.0	8.2
25	9.5	8.4	8.9	11.1	9.3	9.9	10.8	8.8	9.6	8.7	7.7	8.2
26	9.5	8.5	8.9	10.9	9.4	9.9	10.5	8.7	9.5	8.2	7.2	7.7
27	9.5	8.4	8.9	11.1	9.4	10.0	10.4	8.8	9.4	---	---	---
28	9.5	8.3	8.8	11.2	9.2	10.1	9.8	9.0	9.4	---	---	---
29	9.6	8.3	8.8	11.3	9.3	10.2	10.3	9.1	9.7	---	---	---
30	9.3	8.2	8.8	11.5	9.6	10.3	10.5	9.3	9.8	---	---	---
31	---	---	---	11.5	9.6	10.4	9.8	9.3	9.5	---	---	---
MONTH	11.5	8.0	9.6	11.5	7.9	9.3	11.2	7.9	9.5	10.2	7.2	9.1
YEAR	15.7	5.0	10.0									

MOBILE RIVER BASIN

02456500 LOCUST FORK AT SAYRE, AL

LOCATION.--Lat 33°42'35", long 86°59'00", in NW 1/4 sec. 29, T. 15 S., R. 4 W., Jefferson County, Hydrologic Unit 03160111, on left bank 150 ft upstream from bridge on county road at Sayre, 1.5 mi downstream from Camp Creek, and at mile 33.9.

DRAINAGE AREA.--885 mi².

PERIOD OF RECORD.--July 1928 to March 1932 (published as "near Warrior") and October 1941 to current year. Monthly discharge only for July 1928 and low-water periods October 1941 to September 1945, published in WSP 1304.

REVISED RECORDS.--WSP 1142: 1943(M). WSP 1304: 1929(M). WSP 1434: 1943. WDR AL-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 258.64 ft above sea level (levels by U.S. Army Corps of Engineers). Prior to March 1932, nonrecording gage at site 9 mi upstream, at different datum. May 11, 1942, to June 30, 1949, nonrecording gage at present site and datum.

REMARKS.--Estimated daily discharges: Aug. 18-21. Records good. Diversion above station subsequent to 1938 from Inland Reservoir, usable capacity 60,000 acre-ft on Blackburn Fork for industrial water supply for city of Birmingham. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	39	410	318	2910	3030	2760	437	1400	806	160	1810
2	53	39	359	292	2320	2840	2580	422	1410	591	170	1710
3	47	39	315	270	1980	4430	5800	399	1390	455	169	8600
4	43	43	281	258	1760	7260	26200	363	3400	535	156	20500
5	41	47	256	253	1600	6800	22700	332	2760	1180	161	10000
6	54	52	232	244	1470	4870	13900	308	2030	1650	170	3520
7	73	77	216	263	1350	3740	6970	292	1610	1710	227	2240
8	77	131	205	920	1250	3070	4610	356	2350	1030	246	1620
9	59	1340	196	1220	1180	2660	3440	412	2230	727	219	1250
10	48	2880	188	999	1480	2320	2760	499	1610	711	187	1050
11	43	1380	181	834	2040	2050	2330	593	1220	2040	214	967
12	42	744	173	803	1890	3130	1970	463	1100	1710	517	771
13	42	428	166	813	3150	12300	1830	440	866	981	746	644
14	39	286	195	827	4220	9880	1830	418	729	714	1020	552
15	37	217	236	775	3550	10100	2100	342	740	556	529	478
16	36	192	497	705	3130	12100	2440	296	866	458	408	419
17	36	271	1160	656	6020	7660	2120	265	812	390	318	371
18	37	329	1160	896	6340	5410	1650	241	603	336	e260	337
19	38	475	1110	5030	4190	4340	1370	221	479	294	e240	787
20	40	567	854	9430	3250	10900	1210	208	388	272	e230	990
21	39	474	701	6070	2710	19500	1080	259	328	284	e222	587
22	39	410	604	4080	2780	14900	967	291	348	305	198	459
23	38	349	528	3020	4190	8490	863	284	532	319	181	379
24	36	313	470	2470	3410	6180	791	259	449	261	155	343
25	37	475	421	2120	3110	4860	740	272	383	225	140	318
26	38	919	384	1920	4790	3980	670	343	324	201	130	299
27	38	1060	374	1750	3740	3370	605	443	323	202	132	336
28	40	761	395	1600	3240	2970	559	1900	317	198	291	276
29	40	586	388	1520	---	2730	507	3300	1410	178	223	240
30	40	482	371	3030	---	2800	468	2590	1140	175	160	218
31	38	---	346	4000	---	2990	---	1600	---	166	239	---
TOTAL	1369	15405	13372	57386	83050	191660	117820	18848	33547	19660	8418	62071
MEAN	44.2	514	431	1851	2966	6183	3927	608	1118	634	272	2069
MAX	77	2880	1160	9430	6340	19500	26200	3300	3400	2040	1020	20500
MIN	36	39	166	244	1180	2050	468	208	317	166	130	218
CFSM	.05	.58	.49	2.09	3.35	6.99	4.44	.69	1.26	.72	.31	2.34
IN.	.06	.65	.56	2.41	3.49	8.06	4.95	.79	1.41	.83	.35	2.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

	MEAN	367	902	1580	2839	3182	3437	2419	1231	566	485	265	361
MAX	3091	9451	5911	8224	9796	10170	7346	5386	5392	3055	1180	2712	
(WY)	1978	1930	1962	1947	1961	1980	1979	1929	1997	1989	1975	1979	
MIN	29.8	45.8	85.5	174	678	794	295	199	74.1	65.9	61.9	44.6	
(WY)	1932	1954	1944	1956	2000	1988	1986	1952	1988	1944	1953	1931	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1929 - 2001
ANNUAL TOTAL	334020	622606	
ANNUAL MEAN	913	1706	
HIGHEST ANNUAL MEAN			1457
LOWEST ANNUAL MEAN			2440
HIGHEST DAILY MEAN	31400	26200	585
LOWEST DAILY MEAN	26	36	1949
ANNUAL SEVEN-DAY MINIMUM	28	38	1986
MAXIMUM PEAK FLOW		28700	54000
MAXIMUM PEAK STAGE		33.19	18
ANNUAL RUNOFF (CFSM)	1.03	1.93	20
ANNUAL RUNOFF (INCHES)	14.04	26.17	* 55300
10 PERCENT EXCEEDS	1600	4030	48.60
50 PERCENT EXCEEDS	218	552	1.65
90 PERCENT EXCEEDS	39	75	22.37

* Gage height of January 7, 1949 peak was 47.9 feet.

e Estimated

MOBILE RIVER BASIN

02456980 FIVEMILE CREEK AT LAWSON ROAD NEAR TARRANT CITY, AL

LOCATION.--Lat 33°36'27", long 86°44'35", in SW¹/₄ sec. 27, T. 16 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, at bridge on Lawson Road, 2.5 mi northwest of Tarrant City, and at mile 36.1.

DRAINAGE AREA.--18.6 mi².

PERIOD OF RECORD.--May 1996 to September 2001 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 580 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	3.4	6.5	9.4	20	23	24	15	32	28	9.6	34
2	2.7	3.4	6.2	8.9	18	48	21	15	16	18	9.6	69
3	2.6	3.3	6.3	8.8	16	82	1000	15	17	40	9.6	756
4	2.7	3.6	6.1	8.5	15	69	245	15	15	27	9.5	195
5	2.8	3.7	6.1	8.6	14	42	101	14	13	148	13	63
6	39	3.7	6.2	8.4	14	33	65	14	12	34	17	36
7	5.3	15	6.0	13	13	28	50	14	78	21	51	27
8	4.2	34	5.8	25	12	25	42	26	33	17	11	22
9	4.1	502	5.6	11	17	23	37	16	17	15	11	19
10	4.0	15	5.4	9.5	27	21	33	15	15	38	21	17
11	3.8	8.4	5.4	10	14	19	30	14	19	20	13	16
12	3.8	6.8	5.8	11	34	133	28	15	14	14	13	15
13	3.6	6.3	6.9	8.6	102	49	43	14	20	14	316	14
14	3.4	5.7	15	11	41	38	30	13	34	13	47	13
15	3.4	5.4	6.3	11	30	198	94	13	21	13	19	13
16	3.4	20	24	9.3	47	55	35	13	15	12	15	13
17	3.5	13	17	12	46	39	30	12	13	12	13	13
18	3.4	8.9	10	36	29	32	27	12	12	11	30	12
19	3.4	26	9.9	139	24	52	25	15	12	11	16	13
20	3.5	12	9.9	43	21	423	23	15	11	21	12	12
21	3.3	8.7	10	27	19	103	22	16	12	15	11	12
22	3.4	7.5	9.6	21	23	61	20	28	108	12	11	12
23	3.4	6.9	9.4	18	18	47	19	14	19	11	10	11
24	3.6	13	9.1	16	16	38	20	14	14	11	10	13
25	3.8	17	8.9	14	84	32	19	19	14	28	10	12
26	3.9	8.3	8.6	14	28	29	18	13	14	15	9.8	12
27	3.7	7.4	12	13	30	26	17	12	21	11	49	12
28	3.6	7.0	12	12	29	25	16	17	24	10	16	11
29	3.7	7.6	11	56	---	32	16	31	16	10	11	11
30	3.5	6.9	9.6	51	---	39	16	14	53	10	11	11
31	3.4	---	9.2	24	---	26	---	18	---	9.7	144	---
TOTAL	144.7	789.9	279.8	668.0	801	1890	2166	491	714	669.7	949.1	1489
MEAN	4.67	26.3	9.03	21.5	28.6	61.0	72.2	15.8	23.8	21.6	30.6	49.6
MAX	39	502	24	139	102	423	1000	31	108	148	316	756
MIN	2.6	3.3	5.4	8.4	12	19	16	12	11	9.7	9.5	11
CFSM	.25	1.42	.49	1.16	1.54	3.28	3.88	.85	1.28	1.16	1.65	2.67
IN.	.29	1.58	.56	1.34	1.60	3.78	4.33	.98	1.43	1.34	1.90	2.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	MEAN	11.0	16.4	16.0	38.7	32.9	54.1	51.6	20.0	27.0	21.5	21.5	17.4
	MAX	16.0	26.3	21.6	71.6	63.1	82.7	76.7	30.5	57.8	33.1	47.8	49.6
(WY)	1998	2001	1999	1998	1998	2000	2000	1998	1997	1996	1998	2001	2001
	MIN	4.67	10.7	9.03	20.8	15.1	34.3	20.0	12.5	10.5	5.98	7.64	4.81
(WY)	2001	2000	2001	2000	2000	1997	1999	2000	2000	2000	1999	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1996 - 2001		
ANNUAL TOTAL	8537.1			11052.2					
ANNUAL MEAN	23.3			30.3			27.4		
HIGHEST ANNUAL MEAN							36.4		
LOWEST ANNUAL MEAN							21.7		
HIGHEST DAILY MEAN	1080			1000			1080		
LOWEST DAILY MEAN	2.6			2.6			2.6		
ANNUAL SEVEN-DAY MINIMUM	2.8			3.4			2.8		
MAXIMUM PEAK FLOW				3430			7220		
MAXIMUM PEAK STAGE				7.86			10.08		
ANNUAL RUNOFF (CFSM)	1.25			1.63			1.47		
ANNUAL RUNOFF (INCHES)	17.07			22.10			20.03		
10 PERCENT EXCEEDS	30			47			43		
50 PERCENT EXCEEDS	9.9			14			14		
90 PERCENT EXCEEDS	3.7			5.4			6.9		

MOBILE RIVER BASIN

02456998 BARTON BRANCH NEAR TARRANT CITY, AL

LOCATION.--Lat 33°36'38", long 86°33'33", in SW¹/₄ sec 28, T. 16 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, at middle of channel on downstream side of bridge, 0.5 mi from mouth, and 1.8 mi north of Tarrant City.

DRAINAGE AREA.--3.11 mi².

PERIOD OF RECORD.--May 27, 1996 to September 2001 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 580 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.77	1.2	1.3	2.0	4.8	5.3	8.8	2.5	7.6	18	1.5	12
2	.76	1.2	1.3	2.0	4.0	42	5.9	2.4	3.3	4.7	1.5	45
3	.77	1.2	1.1	2.0	3.7	72	670	2.3	6.7	4.3	1.6	501
4	.88	1.3	1.2	2.0	3.2	37	107	2.3	3.6	4.1	1.5	41
5	.79	1.4	1.2	2.0	3.1	13	31	2.1	2.9	71	1.6	12
6	39	1.4	1.2	1.9	2.8	8.0	15	2.2	2.4	7.9	5.6	5.6
7	1.4	41	1.2	11	2.7	5.5	9.8	2.0	45	4.6	22	4.9
8	.99	43	1.2	14	2.4	4.8	7.5	7.3	8.1	3.8	1.9	3.6
9	.97	272	1.2	2.7	11	4.3	6.1	2.5	3.7	3.7	1.7	2.9
10	.85	3.7	1.2	2.2	11	3.7	5.4	2.2	2.8	9.3	12	2.5
11	.79	2.3	1.3	4.6	3.3	3.3	4.7	2.0	2.7	3.9	5.3	2.3
12	.79	1.7	1.4	4.2	30	138	4.0	3.1	2.2	2.8	5.8	2.0
13	.85	1.5	7.0	2.7	103	23	14	2.0	2.0	2.3	50	1.8
14	.91	1.2	5.8	5.8	16	23	4.5	2.0	2.0	2.3	5.5	1.7
15	.95	1.2	1.8	3.4	9.1	165	77	2.0	1.9	2.0	2.3	1.7
16	.91	24	41	2.7	33	22	9.1	2.0	1.8	1.8	1.8	1.6
17	.95	6.2	7.5	8.6	22	10	7.4	1.8	1.7	1.7	1.7	1.6
18	.97	4.5	3.6	22	8.5	7.4	6.3	1.7	1.7	1.7	6.4	1.5
19	.97	21	3.1	175	5.8	47	5.5	3.0	1.7	1.7	2.5	1.7
20	.97	4.1	2.4	17	5.0	348	4.7	3.5	1.7	3.3	1.8	1.8
21	1.1	2.9	2.5	7.4	4.1	56	4.6	5.1	1.7	2.2	1.7	1.5
22	1.0	2.1	2.1	5.2	4.4	35	4.0	19	97	1.7	1.7	1.4
23	1.2	1.5	1.8	4.1	3.3	22	3.6	2.6	4.4	1.7	1.7	1.5
24	1.2	13	1.7	3.7	3.1	13	4.3	3.0	3.0	1.7	1.7	2.1
25	1.2	7.3	1.6	3.1	86	9.7	3.6	4.5	2.8	1.9	1.7	1.5
26	1.2	2.6	1.7	2.9	7.3	7.7	3.2	2.4	4.8	1.9	1.7	1.4
27	1.2	1.9	4.4	2.5	14	6.0	2.8	2.1	5.8	1.7	99	1.4
28	1.3	1.5	3.3	2.3	9.9	5.2	2.7	12	5.2	1.6	6.7	1.4
29	1.5	1.9	2.5	60	---	16	2.7	14	3.5	1.6	2.3	1.4
30	1.2	1.5	2.0	27	---	32	2.7	2.8	150	1.7	2.1	1.2
31	1.2	---	2.0	5.7	---	11	---	8.4	---	1.6	185	---
TOTAL	69.54	471.3	112.6	411.7	416.5	1195.9	1037.9	126.8	383.7	174.2	439.3	663.0
MEAN	2.24	15.7	3.63	13.3	14.9	38.6	34.6	4.09	12.8	5.62	14.2	22.1
MAX	39	272	41	175	103	348	670	19	150	71	185	501
MIN	.76	1.2	1.1	1.9	2.4	3.3	2.7	1.7	1.7	1.6	1.5	1.2
CFSM	.72	5.05	1.17	4.27	4.78	12.4	11.1	1.32	4.11	1.81	4.56	7.11
IN.	.83	5.64	1.35	4.92	4.98	14.30	12.41	1.52	4.59	2.08	5.25	7.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

MEAN	3.28	6.71	5.17	12.8	11.0	19.6	18.7	4.61	8.94	5.36	5.62	6.31
MAX	5.29	15.7	7.18	16.9	18.8	38.6	34.6	5.78	17.4	8.08	14.2	22.1
(WY)	2000	2001	1999	1998	1998	2001	2001	1997	1999	1997	2001	2001
MIN	.96	2.46	2.72	6.33	4.54	8.58	3.86	2.74	2.17	2.25	1.49	1.09
(WY)	1999	1999	2000	2000	2000	1997	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1996 - 2001
ANNUAL TOTAL	3010.62	5502.44	
ANNUAL MEAN	8.23	15.1	9.10
HIGHEST ANNUAL MEAN			15.1
LOWEST ANNUAL MEAN			6.53
HIGHEST DAILY MEAN	403	670	670
LOWEST DAILY MEAN	.76	.76	.76
ANNUAL SEVEN-DAY MINIMUM	.78	.86	.78
MAXIMUM PEAK FLOW		2710	2710
MAXIMUM PEAK STAGE		5.42	5.42
ANNUAL RUNOFF (CFSM)	2.64	4.85	2.93
ANNUAL RUNOFF (INCHES)	36.01	65.82	39.77
10 PERCENT EXCEEDS	9.9	25	15
50 PERCENT EXCEEDS	1.8	2.8	2.9
90 PERCENT EXCEEDS	.92	1.2	1.2

MOBILE RIVER BASIN

02457000 FIVEMILE CREEK AT KETONA, AL

LOCATION.--Lat 33°36'05", long 86°45'20", in NW¹/₄ sec. 33, T. 16 S., T. 2 W., Jefferson County, Hydrologic Unit 03160111, near center of stream on downstream side of foot bridge at Ketona, 0.6 mi downstream from Barton Branch, 0.9 mi downstream from Tarrant Spring Branch, 2 mi north of Tarrant City, and at mile 35.2.

DRAINAGE AREA.--23.9 mi².

PERIOD OF RECORD.--October 1953 to September 1958. October 1958 to November 1974 (annual maximums only). December 1974 to September 1979. May 9, 1996 to current year.

GAGE.--Water-stage recorder. Datum of gage is 546.70 ft above sea level.

REMARKS.--Estimated daily discharges: Dec. 4-8, Jan. 21-28, 31, Feb. 1-11, 15, 18-24, 26-28, Mar. 1, 5-11, 14, 17, 18, 23-31, Apr. 1, 2, 24-30, May 1-3. Records good except those for estimated discharges, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	3.5	7.3	9.2	e23	e27	e28	e21	42	50	11	47
2	3.8	3.5	7.3	9.0	e21	64	e30	e20	20	23	10	101
3	3.8	3.4	6.9	9.0	e18	118	1230	e19	24	49	10	865
4	3.6	3.6	e6.6	8.8	e16	89	356	18	20	27	10	242
5	3.5	4.1	e6.3	9.0	e16	e50	147	18	17	172	14	93
6	63	4.0	e6.0	8.8	e15	e40	93	18	16	44	19	53
7	5.8	29	e5.7	16	e15	e36	69	18	112	25	64	37
8	4.2	52	e5.5	30	e14	e32	55	35	47	20	13	29
9	4.0	523	5.3	11	e18	e28	47	20	23	18	11	26
10	4.0	16	5.4	10	e30	e26	41	18	20	44	26	23
11	3.9	11	5.6	12	e19	e24	37	17	23	23	15	21
12	3.8	9.3	5.9	13	38	206	33	19	18	16	17	20
13	3.6	8.7	7.3	10	151	55	55	17	26	15	312	18
14	3.5	6.2	16	13	42	e45	33	16	39	14	58	17
15	3.4	5.1	5.5	12	e35	290	158	16	25	13	22	17
16	3.4	33	39	10	58	57	49	16	18	13	17	17
17	3.4	16	18	15	50	e45	39	15	16	13	15	16
18	3.3	11	11	47	e35	e38	35	15	15	12	35	15
19	3.3	36	10	224	e28	68	32	19	15	12	19	16
20	3.5	13	10	44	e26	598	29	19	14	23	15	15
21	3.2	9.9	10	e30	e24	130	27	22	15	16	13	14
22	3.3	9.1	9.7	e24	e27	59	26	43	156	12	13	14
23	3.4	8.4	9.6	e21	e22	e50	26	18	33	12	12	13
24	3.3	18	9.2	e18	e20	e43	e26	18	25	12	12	15
25	3.4	20	9.2	e18	118	e36	e25	23	23	29	12	13
26	3.5	9.3	9.2	e16	e33	e33	e24	16	25	16	11	13
27	3.5	8.1	12	e15	e35	e30	e23	15	34	12	85	13
28	3.5	7.6	12	e14	e31	e29	e23	23	37	11	26	12
29	3.7	7.9	10	73	---	e34	e23	43	26	11	16	12
30	3.5	7.5	9.2	62	---	e42	e22	17	164	11	16	12
31	3.4	---	9.2	e30	---	e32	---	25	---	11	221	---
TOTAL	172.3	897.2	299.9	841.8	978	2454	2841	637	1088	779	1150	1819
MEAN	5.56	29.9	9.67	27.2	34.9	79.2	94.7	20.5	36.3	25.1	37.1	60.6
MAX	63	523	39	224	151	598	1230	43	164	172	312	865
MIN	3.2	3.4	5.3	8.8	14	24	22	15	14	11	10	12
CFSM	.23	1.25	.40	1.14	1.46	3.31	3.96	.86	1.52	1.05	1.55	2.54
IN.	.27	1.40	.47	1.31	1.52	3.82	4.42	.99	1.69	1.21	1.79	2.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2001, BY WATER YEAR (WY)

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
MEAN	19.6	21.3	27.3	54.3	53.6	83.1	71.2	32.7	31.0	25.8	20.5	24.4
MAX	106	60.9	56.5	118	101	235	210	76.9	82.6	44.1	58.6	72.4
(WY)	1978	1978	1975	1975	1975	1976	1979	1978	1997	1996	1998	1979
MIN	5.56	8.71	9.67	8.40	18.9	33.9	22.3	15.2	12.0	9.68	9.14	5.90
(WY)	2001	1955	2001	1956	2000	1954	1978	2000	1954	1954	1954	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1954 - 2001
ANNUAL TOTAL	11194.9	13957.2	
ANNUAL MEAN	30.6	38.2	37.7
HIGHEST ANNUAL MEAN			55.7
LOWEST ANNUAL MEAN			20.6
HIGHEST DAILY MEAN	1340	1230	2410
LOWEST DAILY MEAN	3.2	3.2	3.2
ANNUAL SEVEN-DAY MINIMUM	3.3	3.3	3.3
MAXIMUM PEAK FLOW		4210	8350
MAXIMUM PEAK STAGE		13.22	17.28
ANNUAL RUNOFF (CFSM)	1.28	1.60	1.58
ANNUAL RUNOFF (INCHES)	17.42	21.72	21.45
10 PERCENT EXCEEDS	34	57	68
50 PERCENT EXCEEDS	12	18	19
90 PERCENT EXCEEDS	4.0	5.2	8.2

e Estimated

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL

LOCATION.--Lat 33°35'49", long 86°52'05", in SE¹/₄ sec. 32, T. 16 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, on left bank 1,000 ft upstream from Fivemile Creek Wastewater Treatment Plant, 1.1 mi downstream from Coalburg Road bridge, 1.2 mi southeast of Republic, and at mile 24.8.

DRAINAGE AREA.--51.9 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 396.08 ft above sea level.

REMARKS.--Estimated daily discharges: Apr. 5-26. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

REVISIONS.--Peak of March 11, 2000 had a discharge of 12,600 ft³/s superseding value previously published.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	18	24	26	64	86	72	43	93	115	23	147
2	14	18	24	25	55	153	61	41	55	46	23	208
3	16	18	20	26	47	307	2990	40	60	63	23	2100
4	16	19	20	26	43	345	2050	39	60	53	26	556
5	15	20	22	25	40	158	e500	37	44	230	27	241
6	87	20	23	24	40	115	e280	37	38	97	42	128
7	27	72	22	28	40	94	e190	35	181	52	108	95
8	16	48	21	100	38	83	e130	77	169	42	35	76
9	16	901	21	43	38	73	e100	64	60	37	29	62
10	16	51	21	34	81	64	e90	50	46	39	36	56
11	17	29	21	36	44	59	e80	44	49	56	38	52
12	15	24	21	47	99	560	e75	40	41	33	35	48
13	15	21	22	36	531	239	e100	36	78	30	242	44
14	15	19	47	39	182	141	e90	34	58	29	161	41
15	14	20	26	46	121	876	e250	33	66	28	38	38
16	14	56	95	36	138	224	e150	33	39	27	31	38
17	14	61	91	42	205	149	e110	32	35	26	28	36
18	16	32	42	113	105	113	e90	32	33	26	63	37
19	16	86	34	617	85	172	e82	32	30	25	46	37
20	16	46	31	177	75	1640	e75	37	30	26	30	39
21	16	33	31	97	67	414	e70	45	30	39	29	37
22	16	28	30	71	66	200	e65	83	248	26	28	35
23	16	26	27	58	57	138	e60	46	60	25	25	33
24	18	29	26	52	52	108	e57	40	38	25	25	37
25	18	65	25	46	304	86	e52	46	33	25	24	36
26	19	33	24	42	115	74	e49	36	69	45	23	33
27	18	29	32	40	98	67	47	33	125	28	104	32
28	18	27	39	37	114	62	46	38	69	27	71	30
29	18	27	36	96	---	76	44	91	55	27	34	28
30	17	27	31	253	---	126	43	39	181	26	31	27
31	18	---	27	88	---	85	---	46	---	24	421	---
TOTAL	581	1903	976	2426	2944	7087	8088	1359	2173	1397	1899	4407
MEAN	18.7	63.4	31.5	78.3	105	229	270	43.8	72.4	45.1	61.3	147
MAX	87	901	95	617	531	1640	2990	91	248	230	421	2100
MIN	14	18	20	24	38	59	43	32	30	24	23	27
CFSM	.36	1.22	.61	1.51	2.03	4.40	5.19	.84	1.40	.87	1.18	2.83
IN.	.42	1.36	.70	1.74	2.11	5.08	5.80	.97	1.56	1.00	1.36	3.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2001, BY WATER YEAR (WY)

	MEAN	55.6	72.3	74.3	164	143	198	130	70.1	66.0	61.3	44.7	51.7
MAX	271	190	144	338	379	433	304	205	177	197	119	147	
(WY)	1996	1993	1995	1996	1990	1996	2000	1991	1997	1989	1992	2001	
MIN	18.7	28.9	31.5	49.1	61.3	72.6	48.0	27.1	19.1	25.5	20.3	18.5	
(WY)	2001	1991	2001	1991	2000	1992	1990	1992	1988	1988	1988	2000	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1988 - 2001
ANNUAL TOTAL	31321	35240	
ANNUAL MEAN	85.6	96.5	94.6
HIGHEST ANNUAL MEAN			151
LOWEST ANNUAL MEAN			58.7
HIGHEST DAILY MEAN	4040	2990	4250
LOWEST DAILY MEAN	14	14	14
ANNUAL SEVEN-DAY MINIMUM	15	15	15
MAXIMUM PEAK FLOW		11400	12600
MAXIMUM PEAK STAGE		17.37	18.35
ANNUAL RUNOFF (CFSM)	1.65	1.86	1.82
ANNUAL RUNOFF (INCHES)	22.45	25.26	24.77
10 PERCENT EXCEEDS	108	159	163
50 PERCENT EXCEEDS	32	40	46
90 PERCENT EXCEEDS	16	20	22

e Estimated

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1988 to current year.

WATER TEMPERATURES: October 1988 to current year.

DISSOLVED OXYGEN: October 1988 to current year.

INSTRUMENTATION.--Water-quality monitor since September 1988.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR

CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 1,790 microSiemens, Nov. 7, 1998; minimum, 80 microSiemens, Sept. 3, 2001.

WATER TEMPERATURES: Maximum, 30.2°C, July 25, 1993; minimum, 0°C, Dec. 23, 24, 1989.

DISSOLVED OXYGEN: Maximum, 18.0 mg/L, Dec. 12, 2000; minimum, 2.4 mg/L, May 1, 2000, Sept. 13, 16, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 1,100 microSiemens, Oct. 5; minimum, 80 microSiemens, Sept. 3.

WATER TEMPERATURE: Maximum, 28.4°C, July 10, 28; minimum, 0.4°C, Jan. 3

DISSOLVED OXYGEN: Maximum, 18.0 mg/L, Dec. 12; minimum, 2.4 mg/L, Sept. 15, 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1040	1020	1020	866	847	856	840	767	799	670	660	666
2	1030	1010	1020	866	838	853	843	811	829	676	660	671
3	1020	1010	1020	886	847	868	834	820	828	679	658	669
4	1060	1020	1040	885	848	859	848	823	835	683	666	675
5	1100	1020	1060	928	869	892	860	840	849	690	676	682
6	1080	399	757	933	888	922	882	846	861	709	690	699
7	626	399	502	890	397	583	867	841	854	720	660	708
8	816	626	730	710	432	597	870	823	845	660	399	446
9	896	816	870	545	119	236	852	816	833	604	448	538
10	951	896	936	---	---	---	845	812	829	630	604	616
11	1020	951	997	---	---	---	820	780	803	642	620	635
12	989	951	973	---	---	---	792	761	777	620	566	584
13	952	925	941	---	---	---	807	768	793	620	571	594
14	983	937	961	---	---	---	791	497	623	637	618	631
15	968	941	952	840	833	836	695	532	613	618	528	563
16	949	922	939	849	420	773	699	345	587	643	561	608
17	926	903	916	557	404	466	487	378	420	645	605	634
18	920	897	908	688	557	627	609	487	568	605	403	487
19	904	864	882	689	432	553	634	609	624	445	224	315
20	917	869	892	632	448	534	665	634	649	426	314	380
21	936	917	931	721	632	679	672	665	669	477	426	450
22	946	929	938	783	721	750	672	653	661	507	477	493
23	946	931	935	815	776	794	682	660	675	529	503	514
24	936	919	926	815	763	797	682	658	670	556	529	543
25	925	914	918	763	470	545	673	662	669	581	545	564
26	936	919	925	680	537	620	679	668	674	600	572	591
27	936	918	925	747	680	714	668	618	655	609	595	603
28	960	919	930	790	747	765	618	560	585	616	603	611
29	963	930	941	813	765	787	622	594	605	620	330	571
30	930	891	903	810	767	782	654	612	637	434	241	322
31	895	857	873	---	---	---	678	654	665	509	434	481
MONTH	1100	399	918	933	119	708	882	345	709	720	224	566

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.2	18.1	19.6	19.9	17.4	18.7	9.3	6.3	8.0	3.6	2.6	3.2
2	21.6	18.1	19.8	20.0	17.4	18.7	11.1	9.2	10.0	3.7	1.3	2.4
3	22.2	18.5	20.2	20.0	17.7	18.9	10.0	7.6	8.5	3.3	.4	1.8
4	22.1	18.9	20.5	19.2	18.3	18.8	8.4	6.1	7.2	4.5	1.3	2.8
5	22.0	18.7	20.4	19.7	18.5	19.0	7.7	4.8	6.2	5.9	2.2	3.9
6	22.4	20.2	21.1	19.3	18.7	19.0	6.8	4.9	5.9	6.3	3.0	4.5
7	20.2	16.2	18.1	21.2	19.3	20.3	8.1	5.3	6.6	7.6	4.0	5.5
8	16.2	13.3	14.5	22.4	20.8	21.5	8.9	5.5	7.1	8.3	6.1	7.4
9	13.7	11.3	12.6	21.1	19.8	20.2	9.3	7.1	8.1	6.4	4.3	5.3
10	13.7	10.3	12.0	---	---	---	11.2	9.3	10.3	5.6	2.8	4.2
11	14.3	10.6	12.4	---	---	---	12.3	11.0	11.6	6.4	4.1	5.0
12	15.0	11.1	13.0	---	---	---	12.1	7.4	9.6	7.2	6.4	6.8
13	15.6	11.9	13.7	---	---	---	8.5	6.3	7.2	9.5	6.9	7.9
14	16.1	12.5	14.2	---	---	---	9.7	8.5	9.2	8.9	6.9	7.9
15	16.6	13.1	14.8	11.1	8.3	9.8	10.4	8.4	9.3	10.9	8.9	9.7
16	17.4	14.0	15.6	12.2	9.8	10.6	14.0	10.4	12.2	9.4	8.2	8.7
17	18.3	15.6	16.9	12.2	10.8	11.9	12.7	6.0	9.1	9.5	8.9	9.1
18	19.2	16.5	17.8	10.8	8.6	9.4	6.8	4.5	5.8	11.0	9.4	10.1
19	18.5	16.1	17.4	9.5	8.4	8.9	6.6	3.8	5.5	12.6	9.7	11.2
20	19.5	16.5	17.9	10.0	7.4	8.5	4.5	2.2	3.3	9.7	7.3	8.6
21	20.0	18.1	18.9	8.8	6.7	7.6	4.9	3.4	4.2	7.3	5.8	6.7
22	20.1	17.3	18.7	8.5	5.1	6.8	4.3	2.4	3.3	7.4	4.8	6.0
23	20.0	17.1	18.6	10.3	7.4	8.7	4.3	1.2	2.7	7.6	4.5	6.1
24	19.9	17.1	18.6	11.1	9.6	10.0	6.6	3.7	5.0	9.0	5.9	7.3
25	19.9	17.1	18.5	12.3	11.1	11.9	5.6	4.0	4.9	8.4	6.0	7.0
26	19.9	17.5	18.7	14.0	11.3	12.4	7.6	5.4	6.4	7.4	4.5	5.9
27	19.9	17.0	18.5	12.0	9.4	10.6	7.5	7.1	7.2	10.1	7.0	8.2
28	20.3	17.4	18.8	11.0	8.2	9.6	7.5	6.1	7.1	9.9	6.1	8.0
29	20.2	17.5	18.9	11.0	9.7	10.3	6.1	4.5	5.4	11.7	8.4	10.0
30	20.1	17.4	18.9	10.3	8.1	9.1	4.9	2.8	3.8	12.1	10.4	11.3
31	20.5	17.6	19.1	---	---	---	3.8	1.1	2.5	12.4	10.0	11.0
MONTH	22.4	10.3	17.4	22.4	5.1	13.2	14.0	1.1	6.9	12.6	.4	6.9
FEBRUARY			MARCH			APRIL			MAY			
1	10.7	9.0	9.8	15.5	12.3	13.9	16.7	12.3	14.2	21.5	18.2	19.9
2	9.8	8.2	9.0	15.3	14.8	15.0	17.8	12.2	14.8	21.9	18.1	20.0
3	9.4	6.5	7.9	14.9	14.1	14.4	16.2	14.6	15.3	21.7	17.6	19.7
4	10.3	6.8	8.5	14.5	12.1	13.6	15.6	14.2	14.8	22.3	17.8	20.1
5	10.5	7.1	8.6	13.4	10.7	11.9	---	---	---	21.6	18.5	20.2
6	10.7	6.5	8.5	12.9	9.7	11.1	---	---	---	22.0	19.1	20.7
7	11.9	7.6	9.6	13.1	9.2	11.0	---	---	---	---	---	---
8	13.2	9.0	11.0	13.8	9.4	11.7	---	---	---	---	---	---
9	15.1	11.3	13.2	13.3	10.6	12.4	---	---	---	---	---	---
10	14.1	10.0	12.5	13.8	8.6	11.1	---	---	---	---	---	---
11	10.2	7.8	9.3	14.6	9.8	12.3	---	---	---	---	---	---
12	10.7	10.1	10.4	13.9	13.3	13.5	---	---	---	23.9	20.7	22.3
13	11.1	9.8	10.4	16.5	13.4	14.6	---	---	---	23.2	20.0	21.7
14	13.1	11.1	12.2	14.3	12.4	13.5	---	---	---	22.5	18.3	20.5
15	16.0	13.0	14.5	15.4	12.1	13.7	---	---	---	23.5	19.1	21.4
16	17.5	14.6	15.9	14.9	13.1	13.9	---	---	---	23.9	20.2	22.2
17	14.6	10.5	12.2	---	---	---	---	---	---	24.7	20.8	22.8
18	11.2	8.7	9.9	---	---	---	---	---	---	24.8	21.0	23.0
19	12.2	8.4	10.1	---	---	---	---	---	---	24.5	22.6	23.4
20	13.5	10.4	11.9	10.8	7.5	9.2	---	---	---	25.5	22.4	24.0
21	15.2	12.9	14.0	12.0	10.3	11.2	---	---	---	---	---	---
22	15.0	13.1	14.4	14.7	10.4	12.5	---	---	---	---	---	---
23	15.4	11.8	13.4	15.9	11.7	13.8	---	---	---	---	---	---
24	14.8	12.6	13.6	14.8	12.8	13.8	---	---	---	21.9	19.8	20.7
25	15.4	14.0	15.0	15.4	11.9	13.4	---	---	---	22.6	19.7	21.1
26	15.4	12.1	13.7	14.2	10.4	12.1	---	---	---	22.4	18.1	20.4
27	13.5	12.6	13.0	14.3	9.4	11.7	20.1	14.7	17.4	23.3	19.5	21.5
28	14.3	12.5	13.3	11.9	9.8	11.0	21.0	16.2	18.7	23.3	21.5	22.4
29	---	---	---	12.2	11.4	11.7	21.2	17.5	19.5	24.0	21.0	22.5
30	---	---	---	13.0	11.5	12.2	22.0	18.0	20.0	23.9	20.2	22.1
31	---	---	---	14.6	12.9	13.5	---	---	---	22.9	21.3	22.1
MONTH	17.5	6.5	11.6	16.5	7.5	12.6	22.0	12.2	16.8	25.5	17.6	21.5

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.7	21.1	21.8	24.5	22.3	23.3	28.0	25.1	26.5	23.4	22.5	23.0
2	21.4	19.4	20.5	25.3	22.6	24.1	27.9	24.9	26.4	23.2	22.5	22.8
3	22.0	20.2	21.1	25.9	23.3	24.5	27.4	24.6	26.1	22.9	22.2	22.5
4	23.2	20.6	21.7	26.3	23.1	24.5	27.4	25.4	26.4	24.1	22.1	22.8
5	23.1	21.2	22.1	25.1	22.4	24.1	27.8	25.0	26.2	24.1	22.4	23.3
6	24.3	21.9	23.1	25.5	21.7	23.5	26.3	24.4	25.1	24.6	22.8	23.8
7	24.1	22.6	23.4	26.9	23.1	24.9	26.0	23.6	24.8	24.7	23.1	23.9
8	24.0	21.8	22.8	27.2	23.3	25.3	27.2	24.7	25.8	25.2	23.1	24.1
9	23.8	22.4	23.1	27.8	24.8	26.3	26.5	25.2	25.8	25.0	23.2	24.1
10	25.1	21.7	23.3	28.4	25.1	26.7	26.0	24.6	25.1	24.5	23.2	23.8
11	24.3	23.0	23.6	27.4	24.3	26.0	25.5	23.6	24.5	24.8	22.0	23.4
12	24.9	22.0	23.4	28.2	25.1	26.7	25.6	24.6	25.1	25.4	22.8	24.1
13	26.9	22.7	24.4	27.5	25.3	26.4	25.5	24.2	24.7	25.3	22.6	23.9
14	26.5	23.1	24.6	25.9	22.8	24.5	26.6	23.5	24.8	24.6	21.7	23.2
15	26.5	23.8	25.2	26.3	23.1	24.8	26.9	23.2	25.1	23.3	21.4	22.3
16	27.0	23.7	25.3	26.5	23.9	25.2	26.9	23.4	25.2	22.5	19.7	21.1
17	26.2	22.3	24.4	26.3	23.7	25.1	27.3	24.5	25.9	21.2	19.4	20.4
18	26.9	23.1	25.1	27.0	23.5	25.2	26.4	24.5	25.5	22.3	19.7	21.0
19	26.8	23.6	25.2	27.6	24.4	25.9	25.8	23.5	24.7	22.9	21.4	22.1
20	26.4	23.2	24.9	27.2	25.3	26.2	26.9	23.7	25.2	24.0	21.7	22.5
21	26.7	23.5	25.2	25.9	24.7	25.1	26.0	22.5	24.4	22.9	19.7	21.4
22	25.6	21.5	23.3	26.7	23.4	25.0	26.3	23.0	24.7	23.2	20.0	21.6
23	23.8	20.5	22.2	27.5	24.1	25.8	26.5	23.1	24.9	23.9	20.8	22.4
24	24.5	20.7	22.7	27.2	24.4	25.9	27.3	23.7	25.5	23.1	20.5	22.0
25	25.1	21.1	23.1	27.9	25.3	26.5	26.8	24.2	25.6	20.5	17.9	19.0
26	25.2	21.4	23.6	27.0	25.0	26.1	27.2	24.6	25.9	18.5	15.5	17.0
27	24.2	21.1	22.5	27.8	24.6	26.3	27.6	23.9	25.7	18.5	14.9	16.7
28	24.4	22.4	23.3	28.4	25.6	27.0	25.1	23.3	24.1	19.0	15.3	17.1
29	25.0	22.1	23.5	28.0	26.2	27.1	24.9	23.9	24.5	19.0	15.9	17.4
30	26.2	22.6	24.1	27.2	25.7	26.6	25.0	23.8	24.4	18.8	15.5	17.2
31	---	---	---	28.1	25.6	26.8	24.5	22.2	23.3	---	---	---
MONTH	27.0	19.4	23.4	28.4	21.7	25.5	28.0	22.2	25.2	25.4	14.9	21.7
YEAR	28.4	.4	16.9									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.8	6.7	8.8	10.2	6.7	8.1	13.8	11.0	12.1	16.1	13.0	14.1
2	10.0	7.0	8.1	9.7	6.2	7.7	14.4	10.5	11.9	17.1	13.4	14.7
3	9.9	6.0	8.0	9.3	6.0	7.4	14.0	10.5	12.0	16.7	13.4	14.6
4	9.7	6.8	7.8	7.8	6.0	6.8	15.9	11.7	13.1	16.5	12.7	14.1
5	9.2	6.6	7.5	8.4	6.0	7.0	15.6	11.6	13.0	16.3	11.8	13.6
6	7.5	5.3	6.8	6.8	5.7	6.3	15.0	11.4	12.7	16.2	11.7	13.2
7	---	---	---	6.6	6.0	6.4	16.1	11.2	13.0	15.1	10.7	12.6
8	---	---	---	6.6	5.2	6.0	16.7	11.2	13.1	---	---	---
9	---	---	---	---	---	---	15.9	10.9	12.8	---	---	---
10	---	---	---	---	---	---	15.6	10.0	12.1	---	---	---
11	---	---	---	---	---	---	16.2	9.7	12.0	16.1	13.6	14.8
12	---	---	---	---	---	---	18.0	9.5	12.9	15.0	13.0	13.8
13	---	---	---	---	---	---	14.6	10.7	12.4	17.2	12.2	14.1
14	---	---	---	---	---	---	11.5	10.1	10.7	14.3	11.2	12.5
15	---	---	---	11.2	9.9	10.5	15.6	9.8	11.8	14.5	10.3	11.8
16	---	---	---	10.5	9.5	10.1	10.4	8.9	9.4	11.6	8.8	10.2
17	---	---	---	9.8	8.7	9.4	11.4	9.0	10.4	9.4	7.4	8.4
18	---	---	---	10.6	9.1	10.1	13.1	11.3	12.0	---	---	---
19	11.7	7.8	9.2	11.0	8.7	10.4	13.5	11.2	12.2	---	---	---
20	11.5	7.9	9.1	11.3	10.4	10.9	15.3	12.3	13.6	---	---	---
21	10.4	7.1	8.4	11.7	10.4	11.1	13.6	12.7	13.1	---	---	---
22	10.5	7.1	8.4	11.9	9.4	10.9	15.6	12.7	13.9	---	---	---
23	10.2	7.0	8.2	10.8	8.8	9.9	15.9	13.1	14.3	---	---	---
24	10.4	7.0	8.3	10.1	6.1	9.3	15.5	12.2	13.5	---	---	---
25	10.3	6.9	8.2	9.9	6.8	9.4	15.7	12.2	13.4	---	---	---
26	10.4	7.0	8.2	10.8	9.1	9.6	15.5	11.4	13.0	---	---	---
27	10.5	6.9	8.2	11.9	9.3	10.3	12.4	11.0	11.6	---	---	---
28	10.3	7.0	8.1	13.1	9.8	11.1	12.2	11.0	11.4	---	---	---
29	10.5	6.7	8.2	10.8	9.6	10.4	15.1	11.3	12.6	---	---	---
30	10.3	6.7	8.1	13.1	9.8	11.3	16.0	11.9	13.4	---	---	---
31	10.9	6.8	8.3	---	---	---	16.5	12.9	14.2	10.4	9.3	9.8
MONTH	11.7	5.3	8.2	13.1	5.2	9.2	18.0	8.9	12.5	17.2	7.4	12.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	9.8	10.4	10.7	7.9	9.0	12.1	8.6	9.9	13.7	8.6	10.4
2	12.7	10.2	11.1	8.7	7.8	8.2	12.9	7.8	10.0	13.6	8.6	10.3
3	13.7	10.7	11.7	8.8	8.1	8.5	9.3	5.0	7.8	13.7	8.6	10.3
4	14.1	10.4	11.7	9.7	8.4	8.9	9.4	8.7	9.1	13.9	8.4	10.4
5	14.4	10.4	11.6	11.6	9.0	9.8	---	---	---	13.9	8.4	10.3
6	14.9	10.3	11.8	12.3	10.4	11.4	---	---	---	13.3	8.3	10.0
7	15.3	9.7	11.7	13.7	11.1	12.1	---	---	---	---	---	---
8	16.1	9.2	11.5	14.1	10.7	12.2	---	---	---	---	---	---
9	15.4	8.5	10.8	14.0	10.4	11.7	---	---	---	---	---	---
10	12.9	8.5	9.9	16.0	11.2	13.1	---	---	---	---	---	---
11	13.9	9.2	10.9	16.8	10.4	13.0	---	---	---	---	---	---
12	11.6	9.2	10.1	11.1	6.0	8.7	---	---	---	11.4	7.8	9.1
13	---	---	---	---	---	---	---	---	---	12.4	7.7	9.5
14	---	---	---	---	---	---	---	---	---	13.3	8.3	10.1
15	---	---	---	12.4	9.4	11.1	---	---	---	12.6	7.9	9.6
16	---	---	---	---	---	---	---	---	---	12.2	7.7	9.3
17	---	---	---	---	---	---	---	---	---	12.6	7.5	9.2
18	---	---	---	---	---	---	---	---	---	12.6	7.6	9.2
19	---	---	---	---	---	---	---	---	---	12.2	7.4	9.0
20	---	---	---	---	---	---	---	---	---	12.3	7.3	9.2
21	---	---	---	11.0	10.5	10.6	---	---	---	---	---	---
22	---	---	---	11.3	9.9	10.6	---	---	---	---	---	---
23	11.8	8.7	9.8	11.0	9.5	10.3	---	---	---	---	---	---
24	10.8	7.9	9.1	10.6	9.7	10.1	---	---	---	---	---	---
25	8.4	7.2	7.7	11.0	9.2	10.1	---	---	---	---	---	---
26	9.8	8.4	8.7	11.4	9.7	10.4	---	---	---	---	---	---
27	9.8	8.6	9.1	11.5	9.7	10.6	14.2	9.1	11.0	9.4	5.3	6.8
28	10.4	8.4	9.2	12.0	9.4	10.5	14.4	8.8	10.7	9.0	5.5	6.8
29	---	---	---	10.3	7.8	9.4	14.1	8.7	10.4	7.8	6.2	6.8
30	---	---	---	9.4	6.7	8.3	13.9	8.6	10.4	9.1	6.2	7.2
31	---	---	---	10.1	6.7	8.6	---	---	---	9.0	6.3	7.2
MONTH	16.1	7.2	10.4	16.8	6.0	10.3	14.4	5.0	9.9	13.9	5.3	9.0
JUNE			JULY			AUGUST			SEPTEMBER			
1	7.6	6.6	6.9	8.2	7.3	7.7	10.7	7.1	8.9	7.9	7.2	7.6
2	8.4	4.7	7.1	8.9	6.9	7.8	11.4	6.9	8.5	8.0	7.2	7.7
3	---	---	---	9.1	6.8	7.8	11.1	6.9	8.2	8.1	5.7	7.6
4	---	---	---	9.6	7.1	8.1	10.3	6.9	8.0	7.9	5.3	7.2
5	---	---	---	9.4	7.1	7.9	10.4	6.9	8.1	---	---	---
6	9.6	6.1	7.4	8.1	6.8	7.7	8.4	6.8	7.7	---	---	---
7	9.5	6.1	7.1	8.9	6.8	7.6	8.2	7.0	7.9	7.2	5.8	6.5
8	7.6	6.8	7.2	9.7	7.0	8.1	8.7	6.4	7.4	6.9	5.8	6.2
9	8.1	6.7	7.3	10.5	6.6	8.1	8.7	6.4	7.3	6.9	6.0	6.3
10	8.9	6.5	7.4	10.4	4.9	7.2	8.1	6.7	7.3	6.9	6.1	6.5
11	8.2	6.4	7.1	8.6	5.1	6.1	9.1	7.1	8.0	7.4	5.3	6.5
12	9.5	6.5	7.7	9.6	5.1	6.7	8.7	7.0	7.7	8.0	5.2	6.4
13	9.8	6.2	7.5	10.2	5.2	6.9	8.9	4.7	7.5	8.8	4.4	6.2
14	8.6	6.2	7.2	10.6	5.6	7.4	8.3	3.8	6.8	8.9	3.2	5.6
15	8.9	6.2	7.3	10.8	5.8	7.6	8.7	4.4	6.9	7.9	2.4	4.6
16	9.7	6.1	7.4	11.4	5.5	7.6	8.3	5.5	6.9	9.4	2.4	4.8
17	10.5	6.1	7.7	11.4	5.4	7.6	9.3	5.8	7.2	8.3	3.5	5.6
18	11.1	6.1	7.9	11.6	5.4	7.5	8.1	4.6	6.6	11.1	4.6	7.5
19	11.3	6.6	8.2	10.9	5.2	7.3	---	---	---	12.1	6.7	9.0
20	11.8	6.6	8.4	9.5	5.2	6.6	---	---	---	14.2	8.2	10.3
21	12.1	6.6	8.5	7.7	5.2	6.3	9.2	5.1	7.1	15.3	8.6	10.7
22	7.9	6.3	7.2	9.2	5.2	6.6	10.5	5.7	7.7	13.9	8.9	10.7
23	8.6	7.2	7.9	9.3	5.1	6.5	11.1	4.1	7.1	15.2	7.9	10.7
24	9.7	7.2	8.2	8.6	5.0	6.3	10.8	4.0	7.6	12.9	8.1	10.2
25	10.5	7.1	8.4	8.4	4.9	6.1	10.6	6.4	7.9	---	---	---
26	11.7	7.0	8.7	---	---	---	11.0	6.2	7.8	---	---	---
27	8.4	6.9	7.7	---	---	---	11.4	6.3	7.8	---	---	---
28	8.6	6.6	7.5	---	---	---	7.8	6.8	7.3	---	---	---
29	8.2	6.4	7.1	---	---	---	8.0	6.7	7.2	---	---	---
30	9.9	6.7	7.9	---	---	---	8.4	6.4	7.2	---	---	---
31	---	---	---	---	---	---	7.9	6.3	7.3	---	---	---
MONTH	12.1	4.7	7.6	11.6	4.9	7.2	11.4	3.8	7.5	15.3	2.4	7.5
YEAR	18.0	2.4	9.2									

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL

LOCATION.--Lat 33°38'32", long 86°57'15", in NW¹/₄ sec. 22, T. 16 S., R. 4 W., Jefferson County, Hydrologic Unit 03160111, on left bank 0.2 mi downstream of Prudes Creek, 1.4 mi east of Graysville, and at mile 12.5.

DRAINAGE AREA.--91.7 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 340 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	31	59	61	183	211	195	88	154	284	42	514
2	24	30	55	59	155	283	172	85	120	91	41	396
3	29	31	52	60	135	651	3750	81	208	104	41	4560
4	33	33	48	57	121	838	9470	78	183	140	49	1040
5	33	35	50	56	112	468	1380	74	108	159	46	653
6	121	35	51	53	105	345	760	73	89	287	62	343
7	100	114	50	57	99	275	536	71	143	111	169	258
8	42	112	47	197	94	235	417	116	439	89	77	218
9	29	1150	44	122	91	205	324	136	145	79	59	189
10	28	171	45	94	165	178	267	113	109	72	63	155
11	27	86	44	90	114	160	228	86	108	99	85	129
12	27	65	43	116	151	825	202	78	99	70	67	115
13	28	58	45	98	992	686	241	74	84	63	269	102
14	29	48	93	89	518	386	206	67	136	58	264	92
15	28	44	66	107	339	1550	620	64	106	56	85	85
16	28	60	176	90	296	631	318	63	77	55	65	79
17	28	171	275	94	511	429	239	61	67	52	58	75
18	26	85	130	233	319	341	202	58	61	50	57	83
19	39	161	102	1050	260	322	178	57	57	49	115	88
20	38	138	84	524	223	2770	162	64	53	66	60	81
21	39	90	78	289	194	1110	148	78	53	71	55	74
22	34	74	75	209	180	643	135	106	236	54	52	67
23	32	66	67	166	160	465	127	97	123	50	48	64
24	32	68	63	144	143	363	127	72	70	49	46	67
25	36	148	60	124	396	288	120	80	59	46	44	70
26	36	96	56	111	257	245	109	70	77	69	43	63
27	31	78	65	102	210	215	102	61	192	51	44	59
28	31	69	91	93	256	193	97	70	126	48	184	51
29	31	65	86	115	---	192	93	150	121	47	66	53
30	30	67	73	529	---	285	90	81	76	49	58	51
31	31	---	65	249	---	224	---	78	---	45	528	---
TOTAL	1124	3479	2338	5438	6779	16012	21015	2530	3679	2613	2942	9874
MEAN	36.3	116	75.4	175	242	517	700	81.6	123	84.3	94.9	329
MAX	121	1150	275	1050	992	2770	9470	150	439	287	528	4560
MIN	24	30	43	53	91	160	90	57	53	45	41	51
CFSM	.40	1.26	.82	1.91	2.64	5.63	7.64	.89	1.34	.92	1.03	3.59
IN.	.46	1.41	.95	2.21	2.75	6.50	8.53	1.03	1.49	1.06	1.19	4.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)

MEAN	59.8	88.0	109	368	296	478	499	108	153	99.6	76.3	108
MAX	113	134	160	744	560	568	700	168	329	184	113	329
(WY)	1998	1998	1998	1998	1998	2000	2001	1997	1997	1997	1998	2001
MIN	35.5	42.9	56.6	106	112	340	154	65.5	54.4	39.7	51.1	34.7
(WY)	1999	2000	2000	2000	2000	1999	1999	2000	2000	2000	1999	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1997 - 2001	
ANNUAL TOTAL	56496		77823			
ANNUAL MEAN	154		213			
HIGHEST ANNUAL MEAN					197	
LOWEST ANNUAL MEAN					266	
HIGHEST DAILY MEAN	6750		9470		148	
LOWEST DAILY MEAN	23		24		9470	
ANNUAL SEVEN-DAY MINIMUM	25		28		23	
MAXIMUM PEAK FLOW			19800		25	
MAXIMUM PEAK STAGE			20.68		19800	
ANNUAL RUNOFF (CFSM)	1.68		2.33		20.68	
ANNUAL RUNOFF (INCHES)	22.92		31.57		2.14	
10 PERCENT EXCEEDS	251		352		29.12	
50 PERCENT EXCEEDS	60		89		365	
90 PERCENT EXCEEDS	31		42		81	
					35	

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE.--June 1997 to current year.

WATER TEMPERATURE.--June 1997 to current year.

DISSOLVED OXYGEN.--June 1997 to current year.

INSTRUMENTATION.--Water-quality monitor since June 1997.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR

CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 1,200 microSiemens, Oct. 24, Nov. 8, 1998; minimum, 100 microSiemens, Apr. 3, 2001.

WATER TEMPERATURE.--Maximum, 30.1°C, Aug. 13, 1999; minimum, 0.8°C, Jan. 3, 2001.

DISSOLVED OXYGEN.--Maximum, 18.8 mg/L, Apr. 27, 2000; minimum, 3.4 mg/L, Jan. 17, 2000, Oct. 22, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 828 microSiemens, Oct. 2, 6; minimum, 100 microSiemens, Apr. 3.

WATER TEMPERATURE.--Maximum, 28.7°C, July 28; minimum, 0.8°C, Jan. 3.

DISSOLVED OXYGEN.--Maximum, 16.4 mg/L, Jan. 2, 3; minimum, 3.4 mg/L, Oct. 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	820	798	815	717	702	709	638	621	631	551	542	547
2	828	799	811	725	702	711	633	614	624	550	539	545
3	811	782	796	733	686	706	654	630	645	558	545	553
4	783	766	775	715	669	697	652	643	648	566	557	563
5	811	781	790	709	658	689	644	635	639	579	559	571
6	828	642	749	722	686	704	663	640	653	581	575	580
7	705	394	432	767	598	675	686	663	675	596	563	584
8	476	399	434	598	378	461	682	672	677	563	407	499
9	584	476	529	378	147	267	683	675	678	440	405	413
10	672	584	623	437	316	387	684	669	677	505	440	481
11	722	672	688	516	437	482	676	662	667	516	493	505
12	776	722	734	560	516	543	672	644	653	515	501	508
13	787	743	765	605	556	589	651	625	642	512	478	492
14	763	740	749	625	601	614	644	595	614	501	479	491
15	752	734	740	640	619	628	656	512	595	525	501	517
16	756	735	744	653	606	637	512	354	445	519	476	494
17	746	723	733	652	430	534	426	353	376	516	491	507
18	728	678	701	504	432	462	416	357	384	506	408	463
19	734	690	713	551	504	522	465	416	444	408	214	276
20	721	710	715	512	430	449	491	465	481	346	242	300
21	727	696	712	526	452	488	502	491	498	387	346	370
22	707	696	703	580	526	558	529	502	519	415	387	402
23	722	707	715	616	580	599	535	526	532	436	415	426
24	720	706	713	648	571	620	538	526	533	463	436	447
25	714	705	709	596	528	574	541	531	536	485	463	475
26	719	708	713	528	453	468	541	531	535	502	485	493
27	719	708	712	545	477	509	537	520	531	521	502	510
28	721	710	717	578	545	563	533	519	527	527	519	523
29	728	714	720	605	578	594	542	502	516	530	376	501
30	725	711	718	626	605	616	546	531	540	---	---	---
31	742	711	728	---	---	---	547	531	541	---	---	---
MONTH	828	394	706	767	147	568	686	353	570	596	214	484

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.9	18.2	19.6	19.5	17.8	18.7	9.4	7.3	8.3	3.5	2.8	3.3
2	21.3	18.6	20.0	19.5	17.7	18.6	10.8	9.4	10.0	2.9	1.5	2.3
3	21.7	19.1	20.4	19.5	17.8	18.7	10.2	8.0	8.9	2.5	.8	1.8
4	21.8	19.3	20.6	19.1	18.4	18.6	8.0	6.8	7.5	3.4	1.6	2.5
5	21.7	19.1	20.5	18.9	18.0	18.5	7.4	5.7	6.6	4.6	2.3	3.5
6	21.5	20.6	20.9	18.7	18.2	18.4	6.8	5.7	6.3	5.1	3.2	4.2
7	20.6	16.8	18.6	20.5	18.7	19.6	7.3	5.6	6.5	6.5	4.1	5.1
8	16.8	13.9	15.0	21.3	20.2	20.7	8.2	6.1	7.2	7.9	6.4	7.0
9	13.9	11.8	12.9	20.8	18.3	19.8	8.9	7.2	8.0	6.5	4.7	5.4
10	13.4	10.8	12.2	18.3	14.7	16.6	10.8	8.9	9.9	5.0	3.3	4.3
11	13.8	11.0	12.4	14.7	12.8	13.5	12.1	10.7	11.4	5.8	4.2	4.8
12	14.4	11.5	13.0	13.5	11.3	12.5	12.0	8.1	10.0	7.0	5.8	6.5
13	15.0	12.2	13.6	13.0	11.9	12.5	8.4	6.9	7.6	8.6	6.6	7.5
14	15.4	12.8	14.2	12.7	10.9	11.7	9.5	8.4	9.0	8.0	6.9	7.5
15	16.0	13.4	14.7	10.9	9.1	10.1	10.3	8.6	9.3	10.3	8.0	9.2
16	16.8	14.3	15.5	11.3	10.1	10.5	13.8	10.3	12.1	9.3	8.3	8.5
17	18.0	15.8	16.9	12.6	11.1	12.1	12.0	7.5	9.8	9.0	8.4	8.6
18	18.5	16.7	17.6	11.1	9.0	9.9	7.5	5.9	6.8	10.6	9.0	9.6
19	18.0	16.2	17.1	10.1	8.4	9.2	7.3	4.6	6.2	11.4	10.0	10.8
20	18.7	16.4	17.5	9.7	8.4	9.1	4.6	3.1	3.9	10.0	7.9	9.0
21	19.6	17.8	18.6	8.8	7.3	8.0	4.9	3.9	4.5	8.0	6.9	7.5
22	19.6	17.7	18.7	8.1	6.0	7.1	4.4	3.0	3.6	7.7	5.9	6.8
23	19.6	17.6	18.7	9.8	7.8	8.7	3.9	2.0	3.0	7.8	5.5	6.7
24	19.6	17.7	18.7	10.7	9.7	10.0	6.0	3.9	4.9	8.8	6.5	7.6
25	19.5	17.6	18.6	12.5	10.7	11.7	5.4	4.3	5.0	8.0	6.5	7.2
26	19.5	17.8	18.7	13.0	11.6	12.2	7.3	5.4	6.2	7.1	5.1	6.2
27	19.3	17.4	18.5	11.6	10.1	10.8	7.3	7.1	7.2	9.2	6.9	7.9
28	19.6	17.6	18.6	10.7	8.9	9.9	7.7	6.5	7.4	9.1	6.5	7.9
29	19.6	17.7	18.8	11.0	10.1	10.5	6.5	5.1	5.7	11.2	8.2	9.6
30	19.6	17.8	18.8	10.1	8.6	9.3	5.2	3.3	4.1	---	---	---
31	19.8	17.8	18.9	---	---	---	3.3	2.0	2.8	---	---	---
MONTH	21.8	10.8	17.4	21.3	6.0	13.2	13.8	2.0	7.1	11.4	.8	6.5
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	15.2	12.5	13.9	15.3	12.7	13.9	20.8	18.0	19.5
2	---	---	---	15.1	14.3	14.7	16.1	12.9	14.4	20.9	18.0	19.5
3	---	---	---	14.4	14.1	14.2	15.7	14.6	15.1	21.2	17.6	19.4
4	---	---	---	14.2	12.6	13.7	15.1	14.3	14.8	21.7	17.7	19.6
5	---	---	---	13.4	11.4	12.3	15.7	14.6	15.1	21.1	18.2	19.8
6	---	---	---	12.9	10.5	11.6	18.0	15.2	16.5	21.4	18.7	20.1
7	---	---	---	12.9	9.9	11.3	18.7	16.6	17.6	22.9	19.4	21.0
8	---	---	---	13.5	9.9	11.8	19.1	16.7	17.9	21.9	19.6	20.9
9	---	---	---	13.2	11.2	12.5	20.1	17.7	18.7	20.5	19.6	20.0
10	---	---	---	13.3	9.4	11.4	21.1	18.1	19.5	22.1	19.0	20.4
11	---	---	---	13.8	10.2	12.2	21.6	18.5	20.0	23.3	19.5	21.2
12	---	---	---	13.4	12.9	13.1	21.6	19.5	20.4	23.3	20.5	21.8
13	---	---	---	15.2	13.2	14.0	20.5	19.4	20.0	23.2	19.9	21.5
14	---	---	---	14.2	13.0	13.6	19.4	17.8	18.3	22.4	18.4	20.5
15	---	---	---	14.3	12.3	13.3	18.1	16.6	17.6	23.2	19.0	21.1
16	---	---	---	14.8	13.5	14.0	18.8	16.5	17.6	24.0	20.0	22.0
17	---	---	---	14.6	12.3	13.4	17.4	15.3	16.4	24.7	20.6	22.6
18	---	---	---	14.8	11.9	13.2	16.1	13.2	14.7	24.7	20.8	22.8
19	---	---	---	13.2	11.3	12.0	16.6	12.8	14.7	24.1	22.0	23.0
20	---	---	---	11.3	8.1	9.6	16.5	14.1	15.4	25.3	22.1	23.6
21	---	---	---	12.4	10.3	11.5	19.1	15.6	17.2	24.0	22.8	23.4
22	---	---	---	13.8	11.5	12.7	20.8	16.9	18.7	23.4	20.8	22.2
23	---	---	---	15.4	12.6	14.0	20.5	18.0	19.3	22.0	18.6	20.4
24	14.6	12.9	13.7	14.6	13.3	14.0	19.4	17.2	18.4	21.7	19.2	20.4
25	15.5	14.6	15.0	14.8	12.6	13.7	18.5	15.2	16.9	22.4	19.6	20.8
26	15.1	12.8	14.0	13.7	11.4	12.6	18.5	14.6	16.6	22.4	18.5	20.5
27	13.9	12.8	13.1	13.5	10.7	12.1	19.2	14.7	17.0	22.8	19.4	21.2
28	14.1	12.7	13.3	12.4	11.0	11.6	20.0	16.1	18.1	23.3	21.1	22.0
29	---	---	---	12.4	11.8	12.0	20.9	17.4	19.1	23.8	21.5	22.5
30	---	---	---	12.9	12.0	12.5	20.9	17.9	19.4	---	---	---
31	---	---	---	14.1	12.9	13.3	---	---	---	---	---	---
MONTH	15.5	12.7	13.8	15.4	8.1	12.8	21.6	12.7	17.3	25.3	17.6	21.2

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	24.7	22.4	23.6	28.3	25.1	26.7	23.1	22.5	22.8
2	---	---	---	25.6	22.7	24.1	28.2	25.0	26.6	22.9	22.0	22.6
3	---	---	---	25.7	23.6	24.4	27.8	24.9	26.4	22.5	21.9	22.1
4	---	---	---	26.2	23.3	24.5	27.3	24.7	26.2	22.9	21.7	22.2
5	---	---	---	24.9	23.4	24.0	27.9	25.1	26.4	23.4	22.3	22.9
6	---	---	---	25.0	22.1	23.5	26.5	24.5	25.2	23.9	22.3	23.1
7	---	---	---	26.6	23.0	24.7	25.7	24.0	24.7	24.1	22.7	23.3
8	---	---	---	27.0	23.4	25.2	27.1	24.4	25.5	24.4	22.6	23.4
9	---	---	---	27.7	24.5	26.0	26.2	25.1	25.6	24.4	22.9	23.5
10	---	---	---	28.2	25.0	26.4	25.9	24.3	24.9	24.0	22.9	23.3
11	---	---	---	---	---	---	25.1	24.0	24.5	24.2	21.8	23.0
12	---	---	---	---	---	---	25.3	24.3	24.8	24.8	22.4	23.6
13	---	---	---	---	---	---	25.1	23.5	24.3	24.9	22.7	23.7
14	---	---	---	---	---	---	26.0	23.7	24.7	24.4	22.0	23.2
15	---	---	---	---	---	---	26.8	23.3	25.0	23.2	21.6	22.3
16	27.1	23.8	25.3	---	---	---	26.8	23.4	25.1	22.4	20.1	21.2
17	26.3	22.6	24.5	---	---	---	27.1	24.4	25.7	21.3	19.6	20.5
18	26.9	23.0	24.9	---	---	---	26.0	24.2	25.2	21.8	19.6	20.6
19	26.8	23.5	25.1	---	---	---	25.9	24.1	25.0	---	---	---
20	26.4	23.1	24.8	---	---	---	26.9	23.6	25.2	23.6	21.4	22.3
21	27.0	23.5	25.2	---	---	---	26.2	22.8	24.6	22.7	20.2	21.5
22	25.7	21.7	23.8	---	---	---	26.2	23.1	24.7	22.7	20.2	21.5
23	23.7	20.8	22.2	---	---	---	26.6	23.2	24.9	23.3	20.7	22.0
24	24.3	20.9	22.6	---	---	---	27.2	23.6	25.4	22.8	20.5	21.8
25	25.2	21.2	23.1	---	---	---	27.3	24.2	25.8	20.5	18.3	19.2
26	24.8	20.8	23.0	---	---	---	27.3	24.5	26.0	18.3	16.0	17.2
27	23.5	21.4	22.5	28.4	24.9	26.5	27.5	24.8	26.1	17.9	15.1	16.6
28	23.5	21.5	22.7	28.7	25.7	27.2	26.0	24.1	24.8	18.3	15.3	16.8
29	24.9	22.2	23.4	28.0	26.0	27.1	24.7	24.0	24.4	18.5	15.9	17.2
30	25.9	22.6	24.1	27.6	25.9	26.8	24.9	23.6	24.2	18.3	15.7	17.1
31	---	---	---	27.7	25.6	26.6	24.4	22.1	23.3	---	---	---
MONTH	27.1	20.8	23.8	28.7	22.1	25.4	28.3	22.1	25.2	24.9	15.1	21.4
YEAR	28.7	.8	16.6									

10 OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9.7	7.6	8.5	8.9	5.2	6.8	11.9	10.7	11.2	15.4	13.6	14.5
2	9.6	7.5	8.4	8.4	5.2	6.7	11.6	10.3	10.9	16.4	14.1	15.1
3	9.5	7.2	8.2	8.0	5.1	6.5	11.8	10.2	10.9	16.4	14.7	15.4
4	9.6	7.2	8.2	6.8	5.0	6.0	12.6	10.9	11.7	16.2	14.4	15.2
5	9.5	6.9	8.2	7.9	5.0	6.3	12.9	11.3	12.0	15.7	13.9	14.7
6	7.9	6.8	7.1	6.5	5.6	6.0	12.9	11.3	12.0	15.4	13.4	14.3
7	8.2	6.6	7.5	6.9	5.4	6.0	13.1	11.2	12.0	14.7	12.7	13.8
8	9.2	7.7	8.5	6.6	5.8	6.2	13.1	11.0	12.0	12.7	11.6	12.0
9	9.8	8.7	9.2	7.4	5.0	6.7	12.8	10.6	11.6	14.2	11.9	13.1
10	10.2	9.3	9.7	8.7	7.4	8.1	12.6	10.0	11.2	14.7	13.1	13.7
11	10.3	9.4	9.7	9.6	8.7	9.3	12.5	9.4	10.8	13.6	12.4	13.0
12	10.1	9.0	9.5	10.1	9.6	9.9	13.6	9.2	11.2	13.0	11.7	12.3
13	9.8	8.6	9.2	10.7	9.8	9.9	13.0	10.4	11.7	14.9	11.6	12.9
14	9.6	7.8	8.8	10.5	9.9	10.2	11.4	10.5	10.9	13.2	11.4	12.1
15	9.9	7.6	8.8	11.1	10.5	10.9	13.1	10.5	11.5	14.1	10.7	12.1
16	9.7	7.6	8.7	11.0	10.5	10.8	11.0	9.5	10.2	13.1	10.8	11.8
17	10.0	7.1	8.5	10.5	10.0	10.1	11.0	9.6	10.2	12.7	10.7	11.5
18	8.7	6.2	7.5	11.3	10.3	10.8	12.1	11.0	11.7	11.0	10.1	10.6
19	7.3	4.2	5.8	11.6	11.1	11.3	12.5	11.4	12.0	10.5	9.3	10.1
20	7.4	4.3	5.8	11.6	11.1	11.4	13.7	12.5	13.1	11.3	10.5	11.0
21	6.9	3.9	5.3	12.0	11.4	11.8	13.2	12.8	12.9	11.7	11.3	11.6
22	7.2	3.4	5.2	12.5	11.8	12.2	14.2	12.8	13.5	12.1	11.7	11.9
23	7.1	3.7	5.2	11.8	10.9	11.4	14.7	13.7	14.1	12.3	11.8	12.1
24	7.3	3.7	5.3	10.9	10.2	10.7	14.1	13.1	13.6	12.1	11.6	11.9
25	7.6	3.8	5.5	10.2	9.7	9.9	14.3	12.7	13.4	12.4	11.6	12.0
26	7.7	3.8	5.6	10.2	9.6	9.8	14.2	12.6	13.3	12.8	11.9	12.4
27	7.6	4.0	5.7	10.8	9.8	10.3	12.7	11.7	12.1	12.4	11.6	11.9
28	7.4	4.1	5.6	11.0	10.2	10.6	12.7	11.4	12.0	12.7	11.6	12.0
29	7.7	4.1	5.7	10.6	10.0	10.3	14.1	12.1	13.0	12.0	10.5	11.3
30	8.1	4.6	6.2	11.4	10.2	10.8	15.1	12.7	13.7	---	---	---
31	8.6	4.9	6.6	---	---	---	15.7	13.7	14.6	---	---	---
MONTH	10.3	3.4	7.3	12.5	5.0	9.3	15.7	9.2	12.1	16.4	9.3	12.6

MOBILE RIVER BASIN

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL

LOCATION.--Lat 33°34'37", long 86°43'09", in NW¹/₄ sec. 11, T. 17 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, on left downstream side of bridge on 86th Street North, 0.1 mi downstream of Roebuck Municipal Golf Course, and at mile 39.6.

DRAINAGE AREA.--4.10 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 640 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges: Nov. 7-13, 15-17, Dec. 11-14, Aug. 6-8. Records good except those of estimated period, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	.96	2.8	2.3	6.7	5.2	4.4	4.8	15	6.6	2.9	5.4
2	1.6	1.0	2.6	2.3	6.5	11	4.2	4.8	4.5	5.7	2.8	23
3	1.6	1.0	2.4	2.2	6.3	21	235	4.6	6.3	12	3.4	139
4	1.6	1.2	2.4	2.2	6.1	12	62	4.4	4.2	6.4	2.7	24
5	1.6	1.0	2.3	2.2	5.8	8.3	28	4.4	4.1	19	2.7	11
6	21	2.0	2.2	2.1	5.5	7.2	18	4.2	3.9	6.8	e6.0	7.3
7	1.9	e8.0	2.1	10	5.3	6.3	13	4.1	17	6.2	e12	6.2
8	1.6	e25	2.1	5.2	5.2	5.8	10	16	5.7	5.8	e3.2	5.6
9	1.5	e150	2.1	2.0	12	5.6	8.8	8.3	4.9	5.5	2.9	5.0
10	1.3	e10	2.0	1.8	7.5	5.3	7.5	4.6	4.6	12	3.0	4.8
11	1.3	e3.0	e2.1	2.2	6.5	5.0	6.6	4.4	6.4	5.2	3.5	4.5
12	1.3	e1.7	e2.0	2.1	15	36	6.0	4.1	4.4	5.0	3.7	4.2
13	1.2	e1.5	e7.0	2.0	27	6.8	11	4.0	8.4	4.7	9.8	3.9
14	1.3	1.3	e4.0	4.1	8.4	12	5.6	3.9	11	4.5	2.7	3.8
15	1.2	e1.1	2.1	2.2	6.8	48	40	3.7	4.7	4.4	2.4	3.7
16	1.2	e10	8.2	2.2	19	11	10	3.4	4.4	4.2	2.2	3.6
17	1.5	e3.5	3.4	3.5	9.2	7.5	8.4	3.4	4.2	4.1	2.2	3.5
18	1.1	3.1	3.0	12	7.0	5.9	7.6	3.5	4.1	3.9	22	3.3
19	1.1	9.0	2.7	44	6.2	18	7.3	3.6	3.8	3.8	2.8	3.6
20	1.1	2.7	2.7	11	5.8	96	7.0	3.7	3.8	12	2.5	3.4
21	1.3	2.4	2.7	7.8	5.6	22	6.6	3.9	5.8	3.9	2.3	3.3
22	1.2	2.1	2.5	6.9	6.3	13	6.3	7.4	29	3.6	2.2	3.2
23	1.2	2.0	2.4	6.4	5.1	9.4	6.0	3.7	4.7	3.5	2.1	3.2
24	1.1	6.4	2.3	6.1	4.9	7.6	6.0	3.7	4.5	3.4	2.1	3.3
25	1.2	5.6	2.3	5.8	16	6.3	5.7	4.5	5.1	4.0	2.0	3.1
26	1.2	3.6	2.2	5.6	5.4	5.7	5.5	3.6	14	3.3	2.0	3.0
27	1.3	3.2	3.3	5.3	6.8	5.4	5.3	3.5	7.3	3.1	2.0	2.9
28	1.1	3.0	3.1	5.1	6.0	5.1	5.2	11	6.9	3.0	2.1	3.0
29	1.1	3.3	2.8	26	---	6.8	5.0	5.6	5.6	3.1	2.1	3.0
30	1.0	3.0	2.6	11	---	8.2	5.0	3.7	11	3.0	2.0	2.9
31	1.0	---	2.4	7.3	---	4.7	---	4.8	---	2.9	45	---
TOTAL	60.3	271.66	88.8	210.9	233.9	428.1	557.0	153.3	219.3	174.6	161.3	299.7
MEAN	1.95	9.06	2.86	6.80	8.35	13.8	18.6	4.95	7.31	5.63	5.20	9.99
MAX	21	150	8.2	44	27	96	235	16	29	19	45	139
MIN	1.0	.96	2.0	1.8	4.9	4.7	4.2	3.4	3.8	2.9	2.0	2.9
CFSM	.47	2.21	.70	1.66	2.04	3.37	4.53	1.21	1.78	1.37	1.27	2.44
IN.	.55	2.46	.81	1.91	2.12	3.88	5.05	1.39	1.99	1.58	1.46	2.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	MEAN	4.17	6.02	4.67	9.31	6.45	14.5	16.9	5.41	9.30	5.14	3.78	4.46
MAX	5.36	9.06	7.97	14.7	8.35	17.3	26.9	7.95	17.3	6.39	5.20	9.99	
(WY)	1999	2001	1999	1999	2001	2000	2000	1999	1999	1999	2001	2001	
MIN	1.95	3.84	2.86	6.38	3.38	12.2	5.22	3.33	3.29	3.39	2.59	1.61	
(WY)	2001	2000	2001	2000	2000	1999	1999	2000	2000	2000	1999	1999	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1999 - 2001		
ANNUAL TOTAL	2531.54			2858.86					
ANNUAL MEAN	6.92			7.83			7.49		
HIGHEST ANNUAL MEAN							7.86		
LOWEST ANNUAL MEAN							6.79		
HIGHEST DAILY MEAN	320			235			320		
LOWEST DAILY MEAN	.96			.96			.96		
ANNUAL SEVEN-DAY MINIMUM	1.0			1.0			1.0		
MAXIMUM PEAK FLOW				959			1430		
MAXIMUM PEAK STAGE				9.59			10.98		
ANNUAL RUNOFF (CFSM)	1.69			1.91			1.83		
ANNUAL RUNOFF (INCHES)	22.97			25.94			24.83		
10 PERCENT EXCEEDS	9.8			12			12		
50 PERCENT EXCEEDS	2.5			4.4			3.7		
90 PERCENT EXCEEDS	1.3			1.6			1.6		

e Estimated

MOBILE RIVER BASIN

02458200 VILLAGE CREEK AT APALACHEE STREET IN BIRMINGHAM, AL

LOCATION.--Lat 33°32'45", long 86°45'09", in SW¹/₄NW¹/₄NE¹/₄ sec. 19, T. 17 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, on right upstream wingwall of culvert of Apalachee Street crossing in Birmingham, and at mile 35.0.

DRAINAGE AREA.--15.6 mi².

PERIOD OF RECORD.--October 1998 to current year. Operated as crest-stage gage December 1970 to September 1977.

GAGE.--Water-stage recorder. Datum of gage is 561.31 ft above sea level.

REMARKS.--Estimated daily discharges: Nov. 18, 19, 24, 25. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 19, 1970 reached a stage of 20.40 ft, discharge, 4,330 ft³/s. Flood of Sept. 6, 1977 reached a stage of 19.60 ft, discharge 4,190 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	6.0	10	11	20	22	22	23	64	27	12	33
2	7.0	6.1	10	11	18	52	20	23	23	19	12	128
3	6.7	6.2	10	11	16	109	846	22	50	42	16	709
4	6.3	7.2	9.6	10	15	58	333	22	25	45	14	279
5	6.3	7.3	9.3	10	15	35	101	22	22	126	21	64
6	74	13	9.3	10	14	29	65	22	19	31	45	36
7	8.2	38	9.0	55	14	25	52	22	53	21	90	28
8	6.4	77	8.8	39	13	22	45	76	31	19	18	24
9	6.5	697	8.8	16	44	21	40	66	21	17	16	21
10	6.2	14	8.8	14	33	20	37	23	20	24	18	19
11	5.9	7.8	8.8	19	16	19	35	19	26	18	83	18
12	5.8	6.8	9.0	19	69	192	32	18	20	16	63	17
13	5.8	5.9	23	15	176	40	71	17	60	16	50	16
14	5.8	5.5	17	30	40	51	32	17	29	15	21	16
15	6.0	5.4	9.2	18	30	245	156	16	24	15	14	15
16	6.7	58	53	19	94	43	40	16	18	15	12	15
17	5.7	23	20	25	49	32	34	16	17	14	12	14
18	5.7	e20	14	78	30	27	31	16	17	14	112	13
19	5.8	e55	12	253	26	84	30	16	17	15	21	18
20	6.1	18	11	43	24	456	29	20	21	36	15	14
21	6.6	14	12	29	22	80	28	29	19	17	13	13
22	6.7	12	11	23	26	48	27	42	120	14	12	13
23	6.5	11	11	20	19	37	26	18	19	13	12	12
24	6.3	e40	11	18	18	31	27	20	16	13	11	15
25	6.3	e35	11	16	80	27	25	28	15	40	11	13
26	6.3	14	10	16	24	25	25	18	181	16	11	13
27	6.7	12	22	15	30	22	23	17	50	14	22	13
28	6.2	11	20	14	29	21	25	66	24	14	12	13
29	6.8	15	15	128	---	33	27	42	19	13	11	12
30	6.6	11	13	53	---	46	24	23	44	14	12	12
31	6.7	---	12	24	---	23	---	35	---	14	265	---
TOTAL	265.7	1252.2	418.6	1062	1004	1975	2308	830	1084	727	1057	1626
MEAN	8.57	41.7	13.5	34.3	35.9	63.7	76.9	26.8	36.1	23.5	34.1	54.2
MAX	74	697	53	253	176	456	846	76	181	126	265	709
MIN	5.7	5.4	8.8	10	13	19	20	16	15	13	11	12
CFSM	.55	2.68	.87	2.20	2.30	4.08	4.93	1.72	2.32	1.50	2.19	3.47
IN.	.63	2.99	1.00	2.53	2.39	4.71	5.50	1.98	2.58	1.73	2.52	3.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

MEAN	12.8	26.9	23.0	43.3	29.3	69.3	62.1	24.0	39.3	20.7	20.4	23.8
MAX	22.0	41.7	36.6	62.1	35.9	87.1	86.3	32.4	68.0	23.5	34.1	54.2
(WY)	2000	2001	1999	1999	2001	2000	2000	1999	1999	2001	2001	2001
MIN	7.79	18.3	13.5	33.6	19.2	57.1	23.2	12.9	13.7	19.2	8.40	7.40
(WY)	1999	2000	2001	2000	2000	1999	1999	2000	2000	1999	1999	1999

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1999 - 2001

ANNUAL TOTAL	11109.7	13609.5	
ANNUAL MEAN	30.4	37.3	
HIGHEST ANNUAL MEAN			32.9
LOWEST ANNUAL MEAN			37.3
HIGHEST DAILY MEAN	1200	Apr 3	2001
LOWEST DAILY MEAN	3.5	Sep 22	2000
ANNUAL SEVEN-DAY MINIMUM	4.8	Sep 16	2000
MAXIMUM PEAK FLOW		846	2000
MAXIMUM PEAK STAGE		5.4	2000
ANNUAL RUNOFF (CFSM)	1.95	2.39	2000
ANNUAL RUNOFF (INCHES)	26.49	32.45	2000
10 PERCENT EXCEEDS	39	64	2000
50 PERCENT EXCEEDS	13	19	2000
90 PERCENT EXCEEDS	6.6	7.2	2000

e Estimated

MOBILE RIVER BASIN

02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL

LOCATION.--Lat 33°32'33", long 86°49'03", in NE¹/₄ sec. 23, T. 17 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, on right upstream wingwall of 24th Street bridge in Birmingham, and at mile 33.0.

DRAINAGE AREA.--26.0 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 543.38 ft above sea level (published incorrectly 1988 through 2000 water year).

REMARKS.--Estimated daily discharges: Oct. 1-3, May 1-3. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

REVISIONS.--Peaks and peaks above base for the 1996 to 2000 water years have been revised and supersede those previously published.

Date	Gage height	Discharge	Date	Gage height	Discharge
11-07-95	8.76	2,270	05-10-98	10.11	3,430
01-26-96	12.02	4,550	07-09-98	11.06	3,970
03-06-96	10.04	3,390	08-12-98	9.87	3,300
03-07-96	*12.05	*4,560	01-23-99	10.67	3,740
05-28-96	11.20	4,050	05-06-99	10.31	3,540
05-28-96	9.32	3,010	06-28-99	*12.09	*4,590
07-28-97	*7.84	*2,280	10-10-99	10.89	3,870
01-07-98	*12.68	*4,960	03-10-00	*13.23	*5,320
02-26-98	9.17	2,930	03-19-00	10.83	3,840
03-05-98	9.08	2,880	04-03-00	12.13	4,620
04-08-98	8.59	2,640	04-03-00	12.17	4,640

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e8.4	8.9	16	18	32	33	31	e19	111	38	17	66
2	e8.0	8.9	15	17	28	97	27	e18	29	29	17	228
3	e7.7	9.0	14	17	25	190	1200	e17	91	65	20	1080
4	7.4	9.4	14	17	24	104	458	16	33	59	20	363
5	7.3	9.9	13	16	22	56	153	15	29	170	33	107
6	131	21	13	16	21	44	88	15	23	45	93	57
7	11	99	13	111	20	37	65	15	84	29	126	43
8	9.7	138	13	83	19	33	53	110	47	25	33	35
9	9.6	906	12	29	81	29	45	176	25	23	19	30
10	9.6	32	13	24	60	26	40	33	22	33	29	26
11	9.5	19	12	36	23	24	35	21	31	24	80	23
12	9.5	15	12	33	123	301	31	19	22	21	118	22
13	9.5	14	42	24	307	65	110	18	69	21	85	20
14	9.5	13	32	58	68	82	34	17	35	20	39	19
15	9.5	12	14	30	48	379	212	16	28	20	22	18
16	10	122	118	34	162	73	44	15	20	19	19	17
17	9.5	43	35	47	86	52	35	15	18	19	18	17
18	9.4	41	24	138	47	42	31	15	17	18	168	16
19	9.2	111	22	408	40	155	28	15	16	18	34	27
20	9.2	30	19	83	35	632	26	28	24	77	22	16
21	9.2	22	22	51	40	138	24	63	20	24	19	15
22	9.1	19	19	40	40	80	22	80	175	18	18	14
23	9.1	17	18	33	27	60	21	20	25	18	17	14
24	9.1	68	18	29	25	49	25	23	20	18	17	19
25	9.1	49	17	25	154	41	22	39	18	63	16	14
26	9.1	22	17	24	38	36	21	19	299	21	17	14
27	9.1	19	47	22	53	32	20	18	108	18	39	14
28	8.9	17	38	21	47	30	22	95	53	17	18	13
29	8.9	26	23	197	---	56	24	69	28	17	16	13
30	9.0	17	19	100	---	84	20	25	56	24	17	12
31	9.1	---	18	42	---	33	---	56	---	17	454	---
TOTAL	404.2	1938.1	722	1823	1695	3093	2967	1120	1576	1028	1660	2372
MEAN	13.0	64.6	23.3	58.8	60.5	99.8	98.9	36.1	52.5	33.2	53.5	79.1
MAX	131	906	118	408	307	632	1200	176	299	170	454	1080
MIN	7.3	8.9	12	16	19	24	20	15	16	17	16	12
CFSM	.50	2.48	.90	2.26	2.33	3.84	3.80	1.39	2.02	1.28	2.06	3.04
IN.	.58	2.77	1.03	2.61	2.43	4.43	4.25	1.60	2.25	1.47	2.38	3.39

MOBILE RIVER BASIN

02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2001, BY WATER YEAR (WY)

MEAN	35.8	48.1	45.6	78.7	67.5	89.5	61.4	44.4	46.1	44.6	34.1	40.0
MAX	132	97.3	67.6	137	137	154	150	106	124	81.8	65.8	79.1
(WY)	1996	1993	1993	1998	1990	1996	2000	1991	1999	1989	1998	2001
MIN	12.7	25.9	23.3	35.2	27.1	42.9	27.2	14.6	13.8	14.5	12.8	10.7
(WY)	1992	1994	2001	1992	2000	1992	1990	1992	1988	1995	1989	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1988 - 2001	
ANNUAL TOTAL	17798.3		20398.3			
ANNUAL MEAN	48.6		55.9		53.1	
HIGHEST ANNUAL MEAN					74.9	
LOWEST ANNUAL MEAN					39.1	
HIGHEST DAILY MEAN	2060	Apr 3	1200	Apr 3	2060	Apr 3 2000
LOWEST DAILY MEAN	7.3	Oct 5	7.3	Oct 5	7.0	Jun 12 1988
ANNUAL SEVEN-DAY MINIMUM	8.1	Sep 29	9.0	Oct 28	8.1	Sep 29 2000
MAXIMUM PEAK FLOW			4530	Apr 3	5320	Mar 10 2000
MAXIMUM PEAK STAGE			12.00	Apr 3	13.23	Mar 10 2000
ANNUAL RUNOFF (CFSM)	1.87		2.15		2.04	
ANNUAL RUNOFF (INCHES)	25.47		29.19		27.75	
10 PERCENT EXCEEDS	79		110		105	
50 PERCENT EXCEEDS	17		24		23	
90 PERCENT EXCEEDS	9.2		12		12	

e Estimated

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL

LOCATION.--Lat 33°31'03", long 86°52'45", in NW 1/4 sec. 32, T. 17 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, near left bank on downstream side of Ave. W bridge over Village Creek, 5.7 mi upstream of Bay View Lake, 0.55 mi north of Interstate 59 in Ensley, and at mile 28.7.
DRAINAGE AREA.--33.5 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1975 to September 1979. July 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 505.16 ft above sea level.

REMARKS.--No estimated daily discharges. Water-discharge records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	13	26	22	51	62	62	31	169	80	18	126
2	20	9.3	25	21	45	148	54	29	46	57	17	353
3	16	15	24	21	40	296	1440	24	151	107	19	1910
4	18	18	22	21	38	187	834	23	54	66	47	503
5	16	25	19	28	38	97	242	28	43	272	38	170
6	193	30	20	27	36	76	139	28	33	75	139	85
7	24	179	20	139	34	64	107	26	112	44	228	62
8	20	208	18	155	37	59	88	159	88	35	41	52
9	19	1150	17	35	95	58	73	231	36	32	27	46
10	18	55	17	32	132	56	66	57	32	35	39	37
11	16	30	17	43	46	53	60	39	37	45	29	33
12	13	30	15	46	189	472	55	34	36	32	228	32
13	15	40	26	32	523	121	182	30	78	31	111	31
14	16	26	70	74	116	111	51	27	50	29	80	33
15	17	20	16	43	84	607	312	27	39	28	29	33
16	15	179	158	41	235	126	72	25	30	28	25	32
17	18	77	55	63	160	95	59	25	25	25	23	30
18	16	63	25	198	85	79	50	29	26	23	221	29
19	15	179	23	625	75	240	47	26	25	25	45	43
20	16	52	17	113	66	971	41	40	32	195	27	32
21	11	46	26	68	79	216	40	114	30	61	22	29
22	14	41	24	52	78	133	36	129	353	27	22	28
23	12	39	26	47	58	104	37	36	53	22	20	28
24	12	91	25	48	54	91	45	35	40	21	15	43
25	13	88	25	43	251	78	37	54	36	69	15	29
26	11	36	19	41	73	69	34	30	317	35	19	25
27	13	31	53	38	86	62	31	29	360	24	40	23
28	13	28	42	36	88	59	32	106	214	23	28	24
29	15	40	28	259	---	95	39	145	67	24	20	23
30	14	29	26	197	---	147	32	39	62	30	21	24
31	14	---	24	67	---	66	---	78	---	20	809	---
TOTAL	666	2867.3	948	2675	2892	5098	4397	1733	2674	1620	2462	3948
MEAN	21.5	95.6	30.6	86.3	103	164	147	55.9	89.1	52.3	79.4	132
MAX	193	1150	158	625	523	971	1440	231	360	272	809	1910
MIN	11	9.3	15	21	34	53	31	23	25	20	15	23
CFSM	.64	2.85	.91	2.58	3.08	4.91	4.38	1.67	2.66	1.56	2.37	3.93
IN.	.74	3.18	1.05	2.97	3.21	5.66	4.88	1.92	2.97	1.80	2.73	4.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	MEAN	62.9	66.7	63.2	111	94.1	148	104	77.8	73.1	72.3	49.5	72.1
	MAX	225	152	92.9	236	207	375	318	181	169	139	99.0	164
(WY)	1996	1993	1991	1996	1990	1976	1979	1976	1989	1996	1992	1977	
	MIN	19.1	28.7	30.6	45.0	47.3	57.9	29.6	24.4	32.0	22.9	21.5	17.9
(WY)	1979	1979	2001	1992	2000	1992	1978	2000	1977	1995	1999	2000	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1975 - 2001	
ANNUAL TOTAL	26347.6		31980.3			
ANNUAL MEAN	72.0		87.6		82.7	
HIGHEST ANNUAL MEAN					127	
LOWEST ANNUAL MEAN					56.0	
HIGHEST DAILY MEAN	2500		1910		3400	
LOWEST DAILY MEAN	9.3		9.3		9.3	
ANNUAL SEVEN-DAY MINIMUM	11		12		10	
MAXIMUM PEAK FLOW			5140		6320	
MAXIMUM PEAK STAGE			12.93		13.70	
ANNUAL RUNOFF (CFSM)	2.15		2.62		2.47	
ANNUAL RUNOFF (INCHES)	29.26		35.51		33.55	
10 PERCENT EXCEEDS	111		184		153	
50 PERCENT EXCEEDS	25		39		39	
90 PERCENT EXCEEDS	14		18		20	

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1991 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1991 to current year.

WATER TEMPERATURE: May 1991 to current year.

DISSOLVED OXYGEN: May 1991 to current year.

TURBIDITY.--April 2000 to February 2001.

INSTRUMENTATION.--Water-quality monitor since May 1991.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR

CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 831 microSiemens, Nov. 10, 1992; minimum, 36 microSiemens, Feb. 2, 1996.

WATER TEMPERATURE: Maximum, 33.6°C, July 31, 1999; minimum, 1.7°C, Jan. 3, 2001.

DISSOLVED OXYGEN: Maximum, 20.1 mg/L, Feb. 19, 1996; minimum, 0.5 mg/L, Sept. 2, 21-24, 1992.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 614 microSiemens, Nov. 14; minimum, 77 microSiemens, Nov. 9.

WATER TEMPERATURE: Maximum, 30.9°C, July 10; minimum, 1.7°C, Jan. 3.

DISSOLVED OXYGEN: Maximum, 15.9 mg/L, Aug. 23; minimum, 2.2 mg/L, Aug. 27, 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	381	309	346	421	403	411	468	436	449	442	405	425
2	382	286	326	421	399	411	480	450	459	429	397	415
3	376	315	345	424	406	414	459	442	454	421	394	411
4	374	276	338	428	411	420	518	443	463	424	407	417
5	364	323	346	450	417	432	494	439	456	447	404	426
6	489	149	255	442	399	427	453	444	448	436	416	430
7	356	272	318	420	148	269	458	439	452	432	173	384
8	377	321	354	403	143	322	465	437	448	398	174	285
9	391	329	358	377	77	224	462	447	454	443	386	423
10	393	336	375	472	377	422	458	452	455	451	406	432
11	391	331	366	489	415	467	461	441	452	463	398	431
12	385	351	368	477	429	463	462	407	441	427	368	386
13	388	338	367	471	344	416	452	293	433	458	419	439
14	417	352	384	614	421	470	352	191	275	455	261	390
15	398	344	367	585	431	479	436	352	400	428	275	350
16	384	342	363	472	159	342	442	226	291	448	406	433
17	381	335	352	402	213	331	405	229	331	419	361	390
18	367	331	345	451	319	419	453	406	432	353	170	278
19	366	327	345	343	228	266	471	451	458	374	132	245
20	390	327	357	467	343	430	477	465	472	434	312	392
21	449	390	421	469	410	454	469	459	465	456	430	447
22	448	400	423	461	429	452	476	359	436	457	438	450
23	427	393	417	459	429	448	441	394	420	462	447	457
24	430	408	414	466	209	409	430	391	412	462	440	455
25	431	402	417	397	203	303	418	374	394	463	441	454
26	427	393	411	459	397	438	411	375	394	465	439	456
27	438	387	406	486	457	466	418	258	360	463	441	455
28	416	400	409	475	457	465	363	269	322	459	437	451
29	431	410	423	483	429	461	391	338	367	453	146	388
30	433	416	426	438	411	419	439	384	415	419	146	311
31	433	394	423	---	---	---	459	424	442	452	407	436
MONTH	489	149	373	614	77	405	518	191	418	465	132	405

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.3	19.4	21.1	22.6	18.9	20.8	12.5	8.8	10.7	4.7	3.3	4.1
2	25.2	19.4	21.6	22.1	19.0	20.6	13.7	11.2	12.1	5.4	2.3	3.5
3	25.7	20.2	22.5	22.2	19.3	20.7	11.2	8.9	9.7	5.8	1.7	3.4
4	26.1	20.8	23.0	20.7	19.6	20.0	11.1	7.7	9.1	7.1	2.9	4.6
5	26.0	21.2	23.2	20.5	19.1	19.7	11.1	7.1	8.8	8.9	4.1	6.1
6	23.7	20.8	22.6	19.5	18.8	19.2	9.5	7.6	8.6	9.6	5.4	7.1
7	20.8	17.4	19.1	21.6	19.4	20.6	11.2	7.4	9.0	9.9	6.2	8.0
8	18.4	14.4	16.3	23.0	21.2	21.8	12.4	8.4	10.1	9.7	7.4	8.9
9	18.2	14.1	15.7	21.2	18.0	20.2	11.6	9.8	10.7	8.0	5.4	6.6
10	18.8	13.2	15.7	18.0	14.6	16.2	12.7	11.2	11.9	7.8	4.5	6.0
11	19.6	14.0	16.4	16.1	12.5	14.1	13.5	11.9	12.6	7.8	5.9	6.7
12	20.8	14.7	17.1	16.7	13.1	14.6	13.0	7.5	9.9	8.2	7.6	7.9
13	21.3	15.6	17.9	16.3	14.5	15.7	9.9	6.7	7.6	10.9	7.2	8.8
14	22.0	16.2	18.5	16.0	11.9	13.8	10.4	9.2	10.1	10.4	7.9	9.3
15	21.9	17.0	18.9	13.8	10.2	12.1	11.4	8.7	10.0	12.5	9.7	10.7
16	22.7	17.0	19.6	13.0	12.1	12.5	15.0	9.7	12.6	10.3	9.1	9.5
17	23.0	19.1	20.7	14.1	12.5	13.4	13.7	6.3	9.3	10.1	9.1	9.6
18	22.7	19.3	20.7	12.6	10.0	11.2	8.5	5.4	6.8	12.0	10.1	10.5
19	21.5	18.2	19.7	11.4	9.3	10.2	7.7	3.8	6.1	14.4	10.0	12.0
20	23.0	19.0	20.5	12.7	10.2	11.1	6.0	2.5	4.0	10.0	8.0	9.1
21	21.8	19.4	20.5	13.4	9.2	10.6	6.4	4.5	5.4	8.9	6.8	7.9
22	22.8	18.8	20.6	12.6	9.2	10.8	6.4	3.3	4.6	9.7	6.5	7.9
23	22.8	18.6	20.6	14.3	11.3	12.5	6.9	3.0	4.7	9.9	6.6	8.3
24	22.7	18.7	20.5	12.6	11.7	12.2	8.9	5.6	7.0	11.1	8.1	9.3
25	22.6	18.7	20.5	13.9	12.0	13.1	7.9	5.4	6.6	10.2	7.5	8.6
26	22.2	18.9	20.5	15.0	12.5	13.5	8.8	6.3	7.4	8.5	6.4	7.6
27	22.5	18.3	20.3	14.2	11.4	12.4	8.0	7.4	7.7	12.1	8.2	9.7
28	22.7	18.7	20.5	14.0	10.5	12.1	7.9	6.9	7.7	12.2	7.8	9.7
29	22.6	18.7	20.5	13.3	11.6	12.4	7.5	5.1	6.2	13.2	9.9	11.5
30	23.0	18.9	20.9	12.9	10.1	11.2	5.6	3.3	4.3	13.1	10.8	11.9
31	22.9	19.3	21.0	---	---	---	5.7	2.3	3.7	13.8	10.7	12.0
MONTH	26.1	13.2	19.9	23.0	9.2	15.0	15.0	2.3	8.2	14.4	1.7	8.3
FEBRUARY			MARCH			APRIL			MAY			
1	12.0	9.9	10.8	16.7	12.4	14.5	17.3	12.4	14.4	24.3	18.5	20.9
2	11.2	8.8	10.1	16.0	14.8	15.5	18.6	12.8	15.3	25.1	18.6	21.0
3	11.1	7.5	9.1	15.6	14.7	15.2	16.3	15.1	15.7	24.8	18.3	21.8
4	12.3	8.4	10.0	15.2	12.2	14.1	17.3	15.2	15.8	---	---	---
5	12.5	8.8	10.2	14.4	10.9	12.4	17.0	15.3	16.1	---	---	---
6	12.9	8.3	10.2	13.9	9.9	11.8	20.1	15.7	17.8	---	---	---
7	14.0	9.2	11.3	14.4	9.8	11.9	20.2	17.1	18.7	---	---	---
8	14.7	10.3	12.1	15.4	10.4	12.9	21.0	17.3	19.1	21.2	19.4	20.1
9	16.0	11.8	13.8	14.0	11.0	12.7	21.8	18.3	19.8	23.2	20.3	21.1
10	14.6	9.9	12.4	15.1	9.6	12.0	23.6	19.1	20.9	23.8	20.0	21.6
11	11.1	8.6	9.9	15.6	11.0	13.2	24.2	19.7	21.3	26.4	20.4	22.7
12	11.3	10.4	10.9	14.3	13.5	13.9	23.1	19.4	20.8	26.5	21.2	23.3
13	12.1	9.6	10.9	17.5	14.0	15.4	21.3	19.8	20.4	26.3	20.5	22.8
14	14.3	12.1	13.3	15.0	13.0	14.1	20.0	18.3	19.1	26.6	19.5	22.3
15	17.6	14.2	15.6	16.2	11.8	14.0	19.5	16.5	18.3	27.9	20.1	23.3
16	18.3	13.9	16.3	16.1	13.7	14.6	21.1	16.9	18.6	28.0	21.2	23.9
17	13.9	11.2	12.5	15.5	12.1	13.6	18.8	14.9	16.8	28.5	21.7	24.3
18	12.6	9.3	10.9	15.9	11.3	13.4	18.3	13.2	15.3	28.8	22.1	24.7
19	14.0	9.7	11.7	13.6	9.9	12.0	19.3	13.5	15.9	27.8	22.5	24.5
20	14.8	12.2	13.4	10.3	5.6	8.4	18.6	15.2	16.7	29.2	23.0	25.4
21	16.1	13.3	14.6	12.8	10.3	11.6	22.3	16.3	18.8	24.8	23.0	23.9
22	15.1	12.7	14.3	16.0	11.4	13.7	24.2	17.8	20.3	23.4	20.9	22.1
23	15.5	11.4	13.2	17.3	12.6	14.9	23.2	17.9	20.3	25.8	19.3	22.2
24	14.4	12.5	13.5	16.1	13.6	14.9	20.0	17.3	18.9	24.0	19.9	21.6
25	16.1	14.3	15.4	16.0	11.9	13.8	21.4	15.3	17.7	24.0	19.8	21.4
26	16.7	12.7	14.5	15.2	10.8	12.8	21.6	14.8	17.6	25.4	18.6	21.4
27	14.3	13.3	13.7	15.7	10.4	12.7	22.9	15.2	18.5	25.1	19.4	22.0
28	15.3	12.7	13.8	12.8	11.1	11.9	23.7	16.6	19.6	25.3	20.7	22.6
29	---	---	---	12.6	11.7	12.1	23.8	18.2	20.3	26.0	21.7	23.2
30	---	---	---	13.6	11.8	12.7	24.7	18.6	20.9	26.4	21.1	23.1
31	---	---	---	15.4	13.2	13.9	---	---	---	23.7	21.3	22.2
MONTH	18.3	7.5	12.4	17.5	5.6	13.2	24.7	12.4	18.3	29.2	18.3	22.6

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.4	21.3	22.2	25.5	22.7	24.1	30.7	23.5	26.6	24.2	22.8	23.5
2	22.8	20.5	21.6	27.5	22.6	24.9	30.3	23.5	26.3	24.2	22.8	23.3
3	24.5	20.5	22.3	27.5	24.0	25.4	29.8	22.9	25.9	23.8	22.3	23.1
4	25.4	21.3	22.8	28.5	23.8	25.3	28.9	23.7	26.3	26.0	23.0	24.0
5	24.8	21.6	22.8	27.1	23.3	24.5	30.4	23.4	26.3	25.5	23.3	24.4
6	26.2	21.7	23.7	27.7	22.2	24.4	26.6	23.9	24.9	26.7	23.4	24.8
7	25.3	22.1	23.5	29.1	23.4	25.6	27.0	24.2	25.4	26.6	23.9	25.0
8	26.1	22.2	23.7	29.7	22.9	25.6	28.9	23.7	25.9	27.3	23.9	25.2
9	25.3	22.1	23.4	30.1	23.4	26.3	27.5	23.9	25.4	26.8	24.4	25.2
10	27.0	21.5	23.8	30.9	24.1	26.8	25.3	23.0	24.3	26.8	24.0	25.0
11	25.5	22.1	23.5	30.0	25.0	26.5	27.0	22.6	24.4	27.8	23.0	24.9
12	28.3	22.1	24.4	30.5	24.1	26.7	26.3	23.9	24.9	28.1	23.9	25.3
13	29.0	22.1	25.1	29.7	24.2	26.0	26.8	23.6	24.9	27.8	23.6	25.1
14	28.3	23.0	25.2	27.6	21.7	24.6	28.9	23.6	25.6	27.6	22.6	24.4
15	29.0	23.5	25.6	28.1	22.2	24.6	29.2	22.4	25.2	25.3	22.1	23.3
16	29.2	22.6	25.4	28.8	22.3	25.2	29.4	22.2	25.3	25.8	20.6	22.6
17	28.9	20.9	24.4	28.3	22.4	25.0	28.7	23.4	25.7	23.6	20.5	21.9
18	29.1	21.6	24.7	29.1	22.4	25.4	28.1	23.0	25.3	24.5	20.8	22.5
19	28.9	21.7	24.8	29.5	23.2	26.1	27.0	23.1	24.9	24.6	21.8	23.0
20	28.1	21.5	24.6	29.2	23.9	26.0	29.5	22.0	24.9	26.9	22.3	23.7
21	28.1	22.3	24.5	26.3	24.4	25.4	29.1	21.7	24.7	26.4	20.3	22.7
22	24.3	21.8	23.0	29.6	22.4	25.4	30.1	21.6	24.5	27.1	20.6	23.1
23	26.7	21.5	23.6	30.4	23.0	26.0	30.1	22.2	25.0	26.6	21.4	23.5
24	27.0	20.7	23.5	30.4	23.4	26.3	30.0	22.5	25.9	23.1	20.3	22.2
25	27.1	20.6	23.5	29.6	23.6	26.4	29.6	22.8	25.8	23.2	18.2	20.2
26	27.6	20.6	23.6	29.3	24.1	26.2	29.0	23.0	25.6	22.5	16.7	19.2
27	25.3	20.6	22.9	30.8	23.3	26.3	28.5	22.7	25.4	22.9	16.4	19.1
28	24.7	22.3	23.5	30.5	23.8	26.4	26.6	24.2	25.4	23.2	16.8	19.4
29	27.1	22.9	24.5	29.2	23.8	26.2	25.7	24.2	24.9	22.8	17.1	19.3
30	28.2	22.6	24.7	29.6	23.8	26.2	26.0	23.3	24.4	22.8	16.8	19.1
31	---	---	---	28.6	24.1	26.3	24.1	22.6	23.3	---	---	---
MONTH	29.2	20.5	23.8	30.9	21.7	25.7	30.7	21.6	25.3	28.1	16.4	22.9
YEAR	30.9	1.7	17.9									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	11.8	7.6	9.3	11.0	6.1	7.9	11.5	9.4	10.1	14.6	13.0	13.7
2	10.7	7.3	8.7	10.9	5.1	7.5	11.3	9.1	9.9	15.4	13.6	14.5
3	10.8	6.8	8.3	10.4	4.5	6.8	11.5	9.1	10.2	15.2	13.7	14.5
4	10.4	6.7	8.1	9.3	4.4	6.2	12.5	10.0	11.0	14.5	13.1	12.7
5	10.5	6.8	8.1	10.0	3.4	6.0	12.8	10.1	11.2	13.4	10.8	12.0
6	7.0	5.7	6.4	---	---	---	12.5	10.4	11.3	13.9	10.9	12.3
7	9.4	6.1	7.7	---	---	---	12.9	10.2	11.3	13.3	9.9	11.5
8	10.5	7.8	8.9	---	---	---	12.9	10.0	11.1	11.2	9.9	10.5
9	10.9	8.6	9.5	---	---	---	12.5	9.7	10.9	13.3	10.2	11.7
10	11.3	8.7	9.6	---	---	---	12.3	9.5	10.6	13.3	11.1	12.1
11	11.1	8.5	9.5	---	---	---	14.1	9.2	11.1	11.4	9.5	10.8
12	11.3	8.0	9.2	---	---	---	14.1	9.6	11.8	10.6	8.5	9.5
13	11.9	8.0	9.3	---	---	---	12.8	10.5	12.0	13.0	9.6	10.7
14	11.9	7.6	9.0	10.6	7.1	9.4	10.5	9.5	9.9	12.0	9.1	10.0
15	12.2	7.5	9.0	11.3	7.7	9.4	12.5	9.5	10.7	12.9	9.2	10.2
16	12.4	7.2	9.1	11.4	7.6	9.6	10.5	8.5	9.4	12.8	9.1	10.0
17	11.9	7.0	8.9	10.3	7.4	9.5	11.8	8.5	10.4	12.5	9.0	9.6
18	12.5	6.9	9.1	11.6	7.7	9.7	13.2	11.3	12.2	12.2	8.8	9.5
19	12.2	7.0	8.9	12.0	8.9	10.5	13.1	10.8	11.9	11.7	8.5	9.0
20	12.3	7.2	8.9	11.8	8.1	9.6	14.2	12.3	13.1	9.5	8.0	8.9
21	11.8	6.5	8.5	12.9	8.7	10.1	12.6	10.9	11.6	11.7	8.1	9.0
22	12.1	6.3	8.5	12.6	9.4	10.4	13.1	10.9	12.0	12.3	8.3	9.9
23	11.8	6.1	8.2	12.2	8.6	10.4	13.7	11.9	12.9	12.3	8.7	9.9
24	12.2	5.9	8.3	12.4	8.1	10.0	13.0	11.7	12.4	10.3	7.3	9.1
25	11.5	6.0	8.1	10.7	7.7	9.2	13.6	11.7	12.7	9.6	6.6	8.0
26	12.2	6.0	8.4	11.2	7.5	9.5	13.8	11.7	12.8	---	---	---
27	12.8	6.4	8.7	10.6	8.1	9.5	12.5	9.9	11.3	---	---	---
28	12.7	6.1	8.6	10.9	9.0	9.7	11.3	9.6	10.4	---	---	---
29	12.4	6.0	8.3	9.5	8.3	8.9	13.2	10.4	11.9	---	---	---
30	12.0	5.9	8.1	10.7	8.3	9.5	14.7	12.3	13.5	---	---	---
31	12.1	5.6	7.9	---	---	---	14.8	13.4	14.1	13.1	9.1	11.7
MONTH	12.8	5.6	8.6	12.9	3.4	9.1	14.8	8.5	11.5	15.4	6.6	10.8

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	13.5	9.8	11.8	10.9	7.1	8.6	11.9	5.9	8.6	10.1	3.4	6.3
2	13.2	10.0	11.3	8.8	6.6	7.4	12.6	6.2	9.1	10.1	3.2	6.1
3	13.7	9.4	11.5	7.7	6.7	7.1	7.6	5.9	6.9	9.6	3.5	6.8
4	14.8	10.2	12.2	8.2	6.7	7.5	8.3	6.3	7.4	---	---	---
5	14.6	9.9	12.1	10.0	5.5	8.0	8.9	6.7	7.9	---	---	---
6	14.2	10.3	12.0	10.1	5.5	7.6	9.5	6.5	8.3	---	---	---
7	13.4	9.5	11.4	10.5	5.6	7.7	9.7	6.3	7.9	---	---	---
8	14.2	9.3	11.7	11.0	5.1	7.6	10.1	6.7	8.3	7.8	5.0	6.7
9	13.0	8.8	11.0	10.2	4.5	7.0	10.6	6.1	8.2	8.1	4.9	5.9
10	11.9	8.3	9.8	11.7	5.6	8.3	9.7	3.8	7.2	8.0	3.7	5.9
11	13.2	9.0	10.9	12.1	6.2	8.7	10.3	3.3	6.3	7.4	3.4	5.0
12	11.6	9.4	10.1	7.6	5.9	6.6	11.1	3.6	6.8	---	---	---
13	11.6	8.2	9.4	8.7	5.3	6.9	6.1	3.3	4.5	---	---	---
14	10.7	8.0	9.5	8.5	5.1	6.7	8.4	3.3	6.2	---	---	---
15	11.5	8.3	9.5	7.6	5.4	7.0	6.8	5.4	6.2	---	---	---
16	11.0	7.8	9.1	8.2	5.1	6.6	9.2	5.3	7.1	---	---	---
17	11.3	8.9	10.0	9.6	5.6	7.3	9.9	5.2	7.4	---	---	---
18	12.7	9.8	11.2	10.8	5.7	8.3	10.9	6.4	8.3	---	---	---
19	12.8	10.2	11.4	10.3	7.1	8.4	11.0	6.6	8.5	---	---	---
20	12.7	9.8	10.9	11.4	7.2	9.4	11.1	6.3	8.5	---	---	---
21	10.6	9.3	9.7	9.4	4.6	7.3	11.9	6.3	8.6	---	---	---
22	10.6	8.9	9.8	9.0	4.6	6.8	12.1	5.4	8.4	---	---	---
23	11.2	7.4	9.7	9.4	5.2	7.2	10.4	5.4	7.9	---	---	---
24	10.1	7.1	8.4	9.3	4.6	7.0	8.5	4.7	6.4	---	---	---
25	7.5	6.4	7.0	10.7	5.6	8.1	10.8	5.0	7.5	---	---	---
26	10.2	7.0	8.4	11.2	5.9	8.4	10.4	5.0	7.3	---	---	---
27	9.6	6.8	8.0	11.6	5.8	8.4	10.5	4.2	7.0	---	---	---
28	9.3	6.7	7.9	11.6	5.7	8.3	10.2	4.8	7.0	---	---	---
29	---	---	---	9.0	5.3	6.9	9.5	3.7	6.1	---	---	---
30	---	---	---	8.1	5.1	6.7	9.0	3.7	5.9	---	---	---
31	---	---	---	10.7	5.3	7.7	---	---	---	6.6	4.0	5.2
MONTH	14.8	6.4	10.2	12.1	4.5	7.6	12.6	3.3	7.4	10.1	3.2	6.0
JUNE				JULY			AUGUST			SEPTEMBER		
1	6.0	4.0	4.8	6.4	4.1	5.2	12.6	5.0	8.3	6.9	5.4	5.9
2	6.7	4.0	5.5	9.3	3.1	5.7	12.7	5.1	8.4	6.4	5.3	5.9
3	7.6	4.2	5.4	8.1	3.1	4.7	13.5	5.2	8.3	6.7	5.4	6.2
4	6.8	4.0	5.2	8.7	3.2	5.5	11.0	4.4	6.6	6.4	5.4	5.9
5	8.4	4.1	5.9	7.8	4.2	5.3	12.0	4.5	7.4	7.0	5.5	6.1
6	9.3	4.3	6.4	8.0	3.7	5.8	7.9	4.5	6.1	7.6	5.1	6.3
7	9.5	4.5	6.3	9.8	3.7	6.5	7.8	5.6	7.0	8.2	5.1	6.4
8	8.2	4.6	5.9	12.5	4.3	7.6	9.2	5.3	7.0	9.1	4.8	6.4
9	9.3	4.2	6.5	14.2	4.3	8.3	9.9	5.1	7.2	10.4	4.6	6.9
10	10.7	4.5	7.1	13.4	4.2	8.4	9.3	5.5	6.9	10.8	4.9	7.1
11	11.3	4.4	6.9	13.0	5.0	8.3	11.1	5.5	7.9	11.9	5.1	7.8
12	11.2	4.3	7.3	13.1	5.7	8.8	8.4	6.5	7.3	12.2	4.9	7.8
13	11.3	4.3	6.9	13.0	5.6	8.8	9.1	3.8	6.8	12.1	4.7	7.8
14	9.0	4.2	6.1	12.7	5.7	8.9	8.8	3.6	6.9	11.3	4.9	7.3
15	9.9	4.6	6.4	11.8	5.8	8.6	11.1	3.6	7.9	10.3	4.1	6.8
16	11.3	4.3	7.3	11.7	5.7	8.4	12.7	5.9	8.9	10.3	4.5	6.9
17	12.9	4.4	8.0	11.4	5.4	8.1	12.6	4.5	9.2	9.2	4.7	6.6
18	12.3	4.7	7.5	11.3	5.3	8.0	12.7	6.2	7.9	9.3	5.1	6.8
19	11.1	3.9	7.0	11.0	4.7	7.5	10.0	6.2	7.8	8.1	3.1	5.7
20	10.4	3.8	6.7	10.3	3.2	6.4	12.0	6.5	8.7	9.0	2.9	5.5
21	10.0	3.5	6.4	---	---	---	14.3	6.6	9.6	10.0	4.2	6.5
22	5.7	4.0	4.5	---	---	---	15.5	6.6	10.2	10.7	4.6	6.9
23	7.4	4.0	5.5	---	---	---	15.9	7.0	10.3	10.3	4.3	6.7
24	8.5	4.0	6.0	---	---	---	10.5	3.9	7.8	6.5	3.8	4.9
25	9.2	3.6	6.1	---	---	---	10.7	2.6	6.2	9.8	4.2	6.5
26	10.9	3.6	6.7	---	---	---	10.5	3.3	6.4	10.5	5.3	7.2
27	5.7	3.7	4.8	---	---	---	11.6	2.2	6.1	10.5	5.8	7.4
28	6.4	3.2	4.5	---	---	---	8.8	2.2	5.0	10.8	5.7	7.5
29	7.0	3.1	4.9	---	---	---	9.4	3.4	6.0	11.1	5.5	7.6
30	8.5	4.0	5.9	---	---	---	11.1	3.8	6.7	10.9	5.8	7.7
31	---	---	---	---	---	---	6.7	3.8	5.2	---	---	---
MONTH	12.9	3.1	6.1	14.2	3.1	7.2	15.9	2.2	7.5	12.2	2.9	6.7
YEAR	15.9	2.2	8.4									

MOBILE RIVER BASIN

02458502 VILLAGE CREEK NEAR PRATT CITY, AL

LOCATION.--Lat 33°31'59", long 86°53'59", in SW¹/₄ sec. 30, T. 17 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, on bank just upstream of railroad bridge, 1 mi southwest of Pratt City, and at mile 27.8.

DRAINAGE AREA.--36.7 mi².

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 500 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	14	26	26	60	72	67	36	163	73	15	82
2	23	13	25	25	52	147	58	34	63	51	14	164
3	19	14	25	25	46	316	1260	33	162	86	15	778
4	20	15	22	25	43	239	1080	33	78	53	48	257
5	18	19	20	31	43	121	319	33	64	221	25	134
6	152	24	21	29	42	90	174	33	50	76	61	72
7	27	157	21	128	41	76	122	32	114	46	89	60
8	23	194	19	152	44	69	95	141	109	37	33	51
9	22	1050	19	38	90	65	79	232	54	34	24	43
10	21	51	19	34	127	58	70	65	48	36	34	36
11	20	27	19	45	52	55	62	46	53	46	26	33
12	18	27	17	47	175	529	56	41	54	35	81	31
13	19	35	28	33	646	144	168	37	80	31	51	29
14	20	25	66	72	154	121	54	34	67	27	43	30
15	20	19	20	47	104	756	314	35	56	27	22	28
16	19	152	140	46	251	164	84	35	45	26	22	27
17	20	73	61	67	193	111	70	34	38	24	26	27
18	19	58	29	181	98	91	59	38	38	23	183	28
19	18	159	27	691	82	237	54	35	36	24	47	45
20	18	52	22	144	73	1200	47	66	43	93	29	32
21	14	42	29	78	89	297	46	114	42	49	23	31
22	15	38	28	60	84	173	42	136	338	24	23	31
23	14	37	28	53	65	121	42	47	67	21	22	31
24	14	81	28	53	59	101	52	46	48	22	19	45
25	14	85	28	47	258	87	43	67	44	36	18	33
26	14	36	24	44	84	77	40	40	283	29	19	29
27	14	31	60	42	94	68	36	38	384	20	30	27
28	14	28	51	40	100	64	37	102	269	19	25	28
29	14	39	33	255	---	96	44	145	74	20	19	26
30	14	29	30	227	---	140	37	50	54	23	19	28
31	14	---	27	77	---	73	---	88	---	17	358	---
TOTAL	697	2624	1012	2862	3249	5958	4711	1946	3018	1349	1463	2296
MEAN	22.5	87.5	32.6	92.3	116	192	157	62.8	101	43.5	47.2	76.5
MAX	152	1050	140	691	646	1200	1260	232	384	221	358	778
MIN	14	13	17	25	41	55	36	32	36	17	14	26
CFSM	.61	2.38	.89	2.52	3.16	5.24	4.28	1.71	2.74	1.19	1.29	2.09
IN.	.71	2.66	1.03	2.90	3.29	6.04	4.78	1.97	3.06	1.37	1.48	2.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

	MEAN	42.7	64.1	63.9	151	113	183	160	60.7	93.3	61.8	48.6	35.2
MAX	71.1	87.5	103	219	193	250	226	79.8	168	80.7	84.4	76.5	
(WY)	1998	2001	1999	1998	1998	2000	2000	1998	1999	1998	1998	2001	
MIN	22.5	45.4	32.6	91.9	54.2	137	54.0	30.6	42.7	43.5	25.4	19.6	
(WY)	2001	2000	2001	2000	2000	1999	1999	2000	2000	2001	1999	2000	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR				FOR 2001 WATER YEAR				WATER YEARS 1998 - 2001			
ANNUAL TOTAL	28813				31185							
ANNUAL MEAN	78.7				85.4				89.6			
HIGHEST ANNUAL MEAN									108			
LOWEST ANNUAL MEAN									78.7			
HIGHEST DAILY MEAN	2790				1260				2790			
LOWEST DAILY MEAN	13				13				11			
ANNUAL SEVEN-DAY MINIMUM	14				14				14			
MAXIMUM PEAK FLOW					4340				5640			
MAXIMUM PEAK STAGE					15.53				17.67			
ANNUAL RUNOFF (CFSM)	2.15				2.33				2.44			
ANNUAL RUNOFF (INCHES)	29.21				31.61				33.17			
10 PERCENT EXCEEDS	121				164				174			
50 PERCENT EXCEEDS	28				43				38			
90 PERCENT EXCEEDS	17				19				19			

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL

LOCATION.--Lat 33°32'53", long 86°55'33", in N¹/₂ sec. 23, T. 17 S., R. 4 W., Jefferson County, Hydrologic Unit 03160111, near right bank on downstream side of bridge on Minor Parkway, 0.5 mi south of Docena, and at mile 23.0.
DRAINAGE AREA.--52.2 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1996 to current year.

GAGE.--Water-stage recorder. Datum of gage is 510 ft above sea level (from topographic map).

REMARKS.--Estimated discharges: Oct. 1, 2, Nov. 14-17, Apr. 3, 4, June 4, 5, 28-30, July 1, 2, 20-25. Water-discharge records fair due to effects of Bay View Lake. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e78	75	87	87	120	152	119	82	199	e140	79	409
2	e78	73	86	87	110	234	109	80	104	e95	78	493
3	76	74	85	87	102	456	e1400	78	211	142	77	2750
4	76	75	84	87	97	476	e2000	76	e120	112	99	836
5	76	76	83	89	95	256	636	75	e105	269	87	433
6	216	77	83	87	93	187	343	75	94	145	168	228
7	86	217	82	151	90	158	237	74	154	97	278	170
8	77	206	82	295	89	142	178	180	190	90	99	146
9	77	1210	80	102	111	135	150	266	91	88	94	137
10	77	116	79	93	220	125	136	107	83	86	103	127
11	76	87	80	97	99	119	123	88	83	90	91	119
12	75	83	81	103	244	716	115	83	85	82	232	113
13	75	86	81	90	982	340	259	80	95	79	126	111
14	74	e80	130	116	333	212	120	78	94	76	164	110
15	74	e75	82	106	217	1120	448	79	84	75	81	107
16	75	e240	194	97	320	340	150	79	78	75	76	105
17	74	e130	142	114	388	221	126	80	73	74	77	105
18	77	101	96	278	203	171	112	81	72	75	225	104
19	76	243	95	876	170	315	105	81	70	75	107	111
20	75	113	88	300	151	1630	99	89	71	e150	81	107
21	72	96	91	157	161	534	96	190	71	e100	77	101
22	72	93	90	125	154	332	93	183	369	e80	75	100
23	74	91	87	113	133	236	92	96	97	e72	75	99
24	74	126	87	108	120	187	98	91	79	e74	73	111
25	75	159	86	102	403	158	93	102	80	e100	71	103
26	74	99	83	97	179	141	88	87	203	96	71	99
27	75	93	108	94	178	128	84	86	581	83	75	97
28	75	90	107	90	194	120	83	109	e450	80	81	98
29	74	95	98	253	---	149	85	231	e150	80	74	97
30	75	92	93	430	---	230	85	92	e100	83	74	97
31	75	---	89	146	---	127	---	113	---	82	893	---
TOTAL	2483	4471	2919	5057	5756	9847	7862	3291	4336	3045	4061	7823
MEAN	80.1	149	94.2	163	206	318	262	106	145	98.2	131	261
MAX	216	1210	194	876	982	1630	2000	266	581	269	893	2750
MIN	72	73	79	87	89	119	83	74	70	72	71	97
CFSM	1.53	2.86	1.80	3.13	3.94	6.09	5.02	2.03	2.77	1.88	2.51	5.00
IN.	1.77	3.19	2.08	3.60	4.10	7.02	5.60	2.35	3.09	2.17	2.89	5.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001	1996	1997	1998	1999	2000	2001
MEAN	95.6	123	132	244	196	275	245	127	155	139	113	117
MAX	130	149	165	364	309	379	376	154	247	181	137	261
(WY)	1998	2001	1999	1998	1998	2000	2000	1998	1999	1996	1998	2001
MIN	79.4	113	94.2	155	105	196	108	97.5	103	98.2	79.4	77.6
(WY)	1999	1999	2001	2000	2000	1997	1999	2000	1998	2001	1999	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1996 - 2001
ANNUAL TOTAL	56351	60951	
ANNUAL MEAN	154	167	162
HIGHEST ANNUAL MEAN			188
LOWEST ANNUAL MEAN			151
HIGHEST DAILY MEAN	3770	2750	3770
LOWEST DAILY MEAN	69	70	61
ANNUAL SEVEN-DAY MINIMUM	74	74	62
MAXIMUM PEAK FLOW		e 5000	6130
MAXIMUM PEAK STAGE		e 10.80	11.93
ANNUAL RUNOFF (CFSM)	2.95	3.20	3.11
ANNUAL RUNOFF (INCHES)	40.16	43.44	42.27
10 PERCENT EXCEEDS	203	273	273
50 PERCENT EXCEEDS	92	97	99
90 PERCENT EXCEEDS	75	75	75

e Estimated

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- June 1996 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1996 to current year.

WATER TEMPERATURES: June 1996 to current year.

DISSOLVED OXYGEN.: June 1996 to current year.

INSTRUMENTATION.--Water-quality monitor since June 1996.

REMARKS.--Records good. Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 637 microSiemens, June 18, 1998; minimum, 58 microSiemens, May 10, 1998.

WATER TEMPERATURE: Maximum, 30.9°C, July 20, 2000; minimum, 6.4°C, Dec. 14, 1997.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Sept. 3, 2001; minimum, 2.7 mg/L, Dec. 28, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 525 microSiemens, Nov. 15; minimum, 88 microSiemens, Aug. 31.

WATER TEMPERATURE: Maximum, 28.6°C, Aug. 1, 2; minimum, 7.1°C, Mar. 20.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Sept. 3; minimum, 2.7 mg/L, Dec. 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	488	471	480	461	443	450
2	---	---	---	---	---	---	491	483	487	450	437	442
3	---	---	---	---	---	---	487	478	482	460	441	449
4	---	---	---	---	---	---	480	472	476	465	449	456
5	---	---	---	---	---	---	496	475	486	475	453	462
6	---	---	---	---	---	---	497	477	489	472	458	465
7	---	---	---	---	---	---	497	481	490	467	258	436
8	---	---	---	---	---	---	498	486	491	402	229	314
9	---	---	---	---	---	---	496	485	490	457	402	440
10	---	---	---	---	---	---	494	484	489	463	448	456
11	---	---	---	---	---	---	492	479	486	469	431	457
12	---	---	---	---	---	---	502	484	488	440	425	433
13	---	---	---	---	---	---	500	462	492	469	435	456
14	---	---	---	---	---	---	462	302	362	472	360	443
15	---	---	---	525	480	504	471	427	447	433	357	396
16	---	---	---	499	232	409	472	281	366	474	433	458
17	---	---	---	409	265	351	403	281	355	466	402	448
18	---	---	---	460	403	437	447	403	428	423	263	350
19	---	---	---	420	291	327	476	447	465	393	175	285
20	---	---	---	459	355	416	483	476	480	433	328	393
21	---	---	---	483	455	469	482	464	474	451	433	444
22	---	---	---	480	468	474	473	442	464	461	449	455
23	---	---	---	485	472	479	465	452	458	474	461	470
24	---	---	---	481	335	453	458	426	446	480	468	477
25	---	---	---	404	303	350	450	432	440	484	472	479
26	---	---	---	460	404	439	438	422	430	483	475	480
27	---	---	---	482	460	471	439	352	415	484	474	480
28	---	---	---	500	482	492	415	371	391	484	474	480
29	---	---	---	500	481	495	444	394	427	479	222	436
30	---	---	---	482	470	476	461	433	444	398	220	327
31	---	---	---	---	---	---	464	456	460	437	398	427
MONTH---	---	---	525	232	440	502	281	454	484	175	434	

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	442	416	435	437	423	432	470	434	453
2	---	---	---	447	324	421	442	423	434	479	452	467
3	---	---	---	377	282	348	453	109	342	483	455	472
4	---	---	---	398	275	346	333	111	234	488	464	474
5	---	---	---	423	398	414	381	217	335	475	456	462
6	---	---	---	434	421	430	408	381	395	463	451	456
7	---	---	---	445	434	442	422	408	416	457	428	445
8	---	---	---	453	441	450	429	421	425	451	227	362
9	---	---	---	456	445	452	437	423	431	422	152	324
10	---	---	---	464	449	459	450	436	445	422	273	378
11	---	---	---	459	452	455	455	444	450	463	408	430
12	---	---	---	452	153	308	455	443	452	474	456	465
13	---	---	---	400	265	353	457	252	370	478	463	470
14	---	---	---	421	347	412	441	366	414	473	456	465
15	---	---	---	360	135	265	438	166	313	494	459	476
16	---	---	---	412	360	389	422	367	400	498	477	487
17	---	---	---	424	408	416	448	418	438	504	468	484
18	---	---	---	436	424	429	454	430	444	501	475	486
19	---	---	---	436	253	396	454	437	449	517	477	494
20	---	---	---	303	141	219	454	432	445	511	464	492
21	---	---	---	381	303	352	457	442	449	492	193	343
22	---	---	---	412	381	397	450	432	443	432	298	353
23	---	---	---	426	411	418	439	422	432	466	373	429
24	475	453	468	430	424	427	454	423	439	482	462	473
25	471	222	341	435	425	432	467	439	455	474	386	437
26	427	370	405	444	427	435	464	446	458	456	418	434
27	446	387	432	460	444	453	470	450	460	463	442	451
28	417	389	403	453	437	448	467	447	459	457	275	428
29	---	---	---	460	394	437	458	420	447	382	189	298
30	---	---	---	394	306	351	441	420	430	442	382	421
31	---	---	---	431	379	415	---	---	---	439	360	402
MONTH	475	222	410	464	135	400	470	109	418	517	152	436
JUNE			JULY			AUGUST			SEPTEMBER			
1	387	251	322	456	327	391	442	415	426	410	169	334
2	429	308	390	454	418	438	448	425	435	423	217	315
3	446	194	386	458	312	412	449	420	433	335	131	199
4	410	268	360	430	312	389	440	225	364	406	154	349
5	449	410	432	434	176	326	417	313	383	448	233	395
6	461	441	453	421	229	359	409	206	336	466	448	457
7	463	250	429	457	420	442	344	174	260	474	466	469
8	399	252	333	458	439	450	421	344	389	479	471	475
9	444	399	428	450	437	445	---	---	---	480	472	476
10	455	438	447	457	433	448	---	---	---	479	464	472
11	444	429	438	444	417	431	---	---	---	487	477	483
12	442	424	433	458	415	438	---	---	---	491	479	485
13	458	282	437	458	435	448	---	---	---	---	---	---
14	412	243	358	463	426	447	---	---	---	---	---	---
15	447	398	422	450	436	442	---	---	---	---	---	---
16	437	406	428	443	427	433	---	---	---	---	---	---
17	448	419	433	---	---	---	---	---	---	---	---	---
18	436	423	429	---	---	---	---	---	---	464	447	457
19	451	417	435	---	---	---	---	---	---	464	382	440
20	454	413	433	---	---	---	---	---	---	450	418	437
21	432	394	423	---	---	---	---	---	---	464	444	452
22	426	173	315	---	---	---	---	---	---	470	448	457
23	414	310	375	---	---	---	453	400	426	464	454	459
24	443	411	428	---	---	---	457	406	429	460	351	411
25	437	426	432	---	---	---	456	427	436	457	430	444
26	448	131	413	---	---	---	451	421	432	471	448	458
27	406	126	304	---	---	---	445	415	429	473	457	464
28	439	125	334	---	---	---	418	328	362	469	450	462
29	449	316	413	---	---	---	430	397	414	471	451	459
30	469	440	458	---	---	---	436	408	423	469	450	458
31	---	---	---	---	---	---	434	88	270	---	---	---
MONTH	469	125	404	463	176	421	457	88	391	491	131	431
YEAR	525	88	423									

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	16.0	13.4	14.7	10.4	9.3	9.7
2	---	---	---	---	---	---	16.5	15.2	15.8	10.5	8.1	9.1
3	---	---	---	---	---	---	15.6	13.2	14.0	10.6	8.2	9.4
4	---	---	---	---	---	---	14.7	12.7	13.6	11.7	8.9	10.1
5	---	---	---	---	---	---	14.9	12.6	13.7	12.1	9.4	10.7
6	---	---	---	---	---	---	14.5	12.7	13.5	12.2	9.8	10.9
7	---	---	---	---	---	---	15.1	12.8	13.8	12.6	10.2	11.0
8	---	---	---	---	---	---	15.9	13.3	14.5	11.6	10.2	10.8
9	---	---	---	---	---	---	15.8	14.3	14.9	11.3	9.5	10.4
10	---	---	---	---	---	---	16.3	15.3	15.7	11.5	9.1	10.3
11	---	---	---	---	---	---	16.8	15.6	16.1	11.6	10.1	10.6
12	---	---	---	---	---	---	16.6	13.4	14.4	11.7	10.5	11.1
13	---	---	---	---	---	---	14.7	12.6	13.3	13.5	11.1	12.1
14	---	---	---	---	---	---	14.5	11.5	13.0	13.2	11.6	12.0
15	---	---	---	17.8	15.6	16.6	15.6	13.6	14.5	14.3	11.8	13.0
16	---	---	---	17.2	14.0	16.0	15.6	12.6	14.8	13.3	12.1	12.6
17	---	---	---	16.8	14.9	16.0	15.0	11.5	12.6	13.1	11.9	12.3
18	---	---	---	16.0	13.8	15.0	13.1	10.4	11.7	13.5	11.2	12.3
19	---	---	---	13.8	11.8	12.8	13.0	10.4	11.6	14.5	11.7	13.1
20	---	---	---	16.1	13.6	14.8	11.9	9.4	10.6	11.8	10.9	11.5
21	---	---	---	15.1	11.8	14.1	11.6	10.8	11.2	11.8	10.2	11.0
22	---	---	---	15.9	12.8	14.2	11.3	9.9	10.5	12.4	10.1	11.3
23	---	---	---	16.6	14.6	15.5	11.6	9.1	10.3	12.9	10.4	11.7
24	---	---	---	16.2	13.4	15.3	12.5	10.8	11.6	13.6	11.2	12.3
25	---	---	---	16.3	13.4	15.2	11.8	10.4	11.1	12.9	11.1	12.1
26	---	---	---	17.4	15.8	16.4	12.9	11.0	11.8	12.5	10.2	11.4
27	---	---	---	16.8	12.6	15.7	12.6	10.2	11.7	14.1	11.8	12.8
28	---	---	---	17.1	14.4	15.7	12.4	10.3	11.5	14.3	11.3	12.8
29	---	---	---	16.6	14.9	15.9	12.0	10.2	10.9	15.0	13.2	13.9
30	---	---	---	15.9	14.0	14.8	10.6	8.8	9.6	14.0	12.7	13.3
31	---	---	---	---	---	---	10.4	8.3	9.4	14.5	12.5	13.6
MONTH	---	---	---	17.8	11.8	15.2	16.8	8.3	12.8	15.0	8.1	11.6
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	17.1	14.3	15.7	17.5	14.1	15.6	22.8	19.5	21.1
2	---	---	---	16.6	16.0	16.2	18.4	14.1	16.1	23.2	19.7	21.3
3	---	---	---	16.0	15.4	15.6	17.0	15.9	16.4	23.3	19.5	21.3
4	---	---	---	15.6	13.6	14.8	17.0	15.1	15.8	23.9	19.7	21.8
5	---	---	---	15.1	12.7	13.8	16.8	15.3	16.0	23.2	20.1	21.7
6	---	---	---	14.9	12.3	13.6	19.1	16.0	17.4	23.5	20.4	22.0
7	---	---	---	15.4	12.4	13.8	19.3	17.2	18.2	24.1	20.9	22.4
8	---	---	---	16.3	12.6	14.5	20.0	17.3	18.6	22.6	20.4	21.3
9	---	---	---	15.4	13.4	14.6	20.5	18.2	19.2	23.2	20.6	21.3
10	---	---	---	16.0	12.0	13.9	21.7	18.7	20.0	22.9	20.3	21.6
11	---	---	---	16.6	12.8	14.7	22.1	19.1	20.5	24.6	20.7	22.5
12	---	---	---	15.5	14.1	14.6	21.5	19.5	20.4	24.6	21.5	23.0
13	---	---	---	17.1	14.4	15.7	20.7	19.8	20.2	24.4	21.1	22.8
14	---	---	---	15.7	14.1	15.0	19.8	18.4	19.1	24.2	20.0	22.1
15	---	---	---	16.0	12.3	14.2	19.4	16.9	18.3	25.2	20.9	23.0
16	---	---	---	16.1	14.4	15.2	20.0	17.4	18.6	25.8	21.9	23.8
17	---	---	---	15.9	13.4	14.7	18.6	16.6	17.6	26.2	22.3	24.2
18	---	---	---	16.2	13.1	14.6	18.4	14.8	16.6	26.3	22.5	24.4
19	---	---	---	14.7	11.6	13.5	19.3	15.0	17.1	25.6	23.5	24.5
20	---	---	---	11.6	7.1	9.5	19.1	16.5	17.7	26.7	23.5	25.0
21	---	---	---	13.7	11.5	12.8	21.4	17.6	19.3	24.9	23.2	23.9
22	---	---	---	16.1	12.7	14.4	22.3	18.6	20.3	23.6	21.6	22.7
23	---	---	---	17.0	13.8	15.4	21.7	19.0	20.4	24.6	20.3	22.4
24	15.9	14.5	15.1	16.4	14.6	15.5	20.6	18.5	19.5	24.1	21.5	22.8
25	16.4	15.3	16.0	16.3	13.6	14.9	20.7	17.0	18.7	24.3	21.2	22.7
26	16.8	14.1	15.4	15.8	12.8	14.2	20.9	16.8	18.8	24.9	20.5	22.6
27	15.3	14.3	14.9	16.2	12.6	14.3	21.9	17.2	19.5	25.4	21.4	23.3
28	15.9	14.2	15.0	14.5	12.9	13.8	22.5	18.4	20.3	24.8	22.5	23.5
29	---	---	---	14.4	13.6	13.8	22.2	18.9	20.6	25.4	22.6	23.9
30	---	---	---	14.8	12.7	14.0	22.8	19.2	20.9	25.1	22.0	23.5
31	---	---	---	16.2	14.6	15.2	---	---	---	23.7	22.0	22.8
MONTH	16.8	14.1	15.3	17.1	7.1	14.4	22.8	14.1	18.6	26.7	19.5	22.7

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL—Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.4	21.7	22.5	25.1	23.3	24.2	28.6	25.2	26.7	24.4	23.4	23.9
2	22.8	21.0	22.0	26.6	23.0	24.6	28.6	25.5	26.9	24.2	23.0	23.5
3	23.4	21.4	22.3	26.1	24.0	24.9	28.5	25.4	26.8	23.9	22.5	23.0
4	23.8	21.9	22.7	26.5	23.9	25.1	28.4	25.5	26.8	25.4	23.2	23.8
5	23.9	21.9	22.8	26.0	23.5	24.6	28.0	25.6	26.8	25.0	23.4	24.2
6	24.9	22.4	23.6	26.4	22.8	24.5	26.8	24.8	25.4	25.4	23.5	24.5
7	24.5	23.0	23.6	27.5	23.7	25.4	26.6	24.5	25.5	25.6	24.0	24.6
8	24.9	22.6	23.6	27.5	23.6	25.5	27.3	25.1	26.1	25.9	23.9	24.8
9	24.2	22.7	23.4	27.5	24.5	26.0	---	---	---	25.8	24.0	24.8
10	25.6	22.4	23.8	28.1	24.9	26.4	---	---	---	25.5	24.0	24.7
11	24.3	22.9	23.6	27.8	25.1	26.2	---	---	---	26.2	23.4	24.8
12	26.3	22.5	24.1	28.2	25.0	26.6	---	---	---	26.4	24.1	25.2
13	26.7	23.3	25.0	27.6	25.3	26.4	---	---	---	---	---	---
14	26.7	24.0	25.2	27.1	23.6	25.3	---	---	---	---	---	---
15	26.9	24.0	25.3	27.3	24.0	25.6	---	---	---	---	---	---
16	27.2	23.9	25.5	27.3	24.4	25.9	---	---	---	---	---	---
17	26.8	22.9	24.8	---	---	---	---	---	---	---	---	---
18	26.8	23.4	25.1	---	---	---	---	---	---	25.2	22.4	23.6
19	26.6	23.6	25.1	---	---	---	---	---	---	24.8	23.4	24.1
20	26.7	23.4	25.0	---	---	---	---	---	---	25.6	23.5	24.4
21	26.9	23.7	25.3	---	---	---	---	---	---	25.6	22.3	23.9
22	25.6	21.9	23.6	---	---	---	---	---	---	25.8	22.5	24.0
23	25.4	22.0	23.6	---	---	---	27.4	23.7	25.5	26.0	23.1	24.5
24	25.7	22.1	23.8	---	---	---	27.6	24.2	25.9	25.1	22.6	23.6
25	26.2	22.3	24.2	---	---	---	27.6	25.0	26.4	22.9	20.6	21.8
26	26.2	21.5	24.2	---	---	---	27.6	25.1	26.4	22.6	19.5	21.0
27	24.6	21.0	22.9	---	---	---	27.4	24.9	26.1	23.0	19.5	21.1
28	24.1	21.3	22.9	---	---	---	26.1	24.8	25.4	23.1	20.0	21.4
29	25.0	22.6	23.6	---	---	---	25.9	24.7	25.3	23.0	20.3	21.5
30	26.2	23.0	24.3	---	---	---	25.4	24.3	24.8	22.8	19.9	21.3
31	---	---	---	---	---	---	25.3	22.5	23.8	---	---	---
MONTH	27.2	21.0	23.9	28.2	22.8	25.5	28.6	22.5	25.9	26.4	19.5	23.5
YEAR	28.6	7.1	18.8									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	9.2	8.1	8.6	9.6	7.0	8.3
2	---	---	---	---	---	---	9.1	7.8	8.3	10.2	4.2	7.3
3	---	---	---	---	---	---	9.4	8.0	8.5	9.2	4.4	7.0
4	---	---	---	---	---	---	9.9	8.4	9.0	8.5	3.0	5.6
5	---	---	---	---	---	---	9.9	7.9	8.8	9.0	2.7	5.6
6	---	---	---	---	---	---	10.0	8.1	8.9	8.8	4.2	6.7
7	---	---	---	---	---	---	10.4	8.1	8.9	10.6	5.2	8.0
8	---	---	---	---	---	---	10.6	7.9	8.8	9.8	9.0	9.4
9	---	---	---	---	---	---	10.4	7.1	8.4	10.4	9.1	9.6
10	---	---	---	---	---	---	10.5	6.9	8.4	10.7	8.7	9.9
11	---	---	---	---	---	---	10.7	6.7	8.4	9.9	9.2	9.5
12	---	---	---	---	---	---	11.9	7.2	8.9	9.4	8.5	8.9
13	---	---	---	---	---	---	10.4	7.7	8.8	10.3	8.8	9.4
14	---	---	---	---	---	---	8.7	7.4	8.1	9.5	8.8	9.1
15	---	---	---	8.1	7.0	7.6	9.2	6.6	8.0	9.7	8.4	9.0
16	---	---	---	8.6	7.4	7.9	8.5	7.3	7.8	9.5	7.8	8.7
17	---	---	---	7.9	7.6	7.6	9.0	6.4	8.1	9.1	6.8	8.3
18	---	---	---	8.4	7.7	8.0	10.0	8.8	9.3	9.5	8.1	8.9
19	---	---	---	9.2	8.1	8.8	9.7	7.8	9.0	9.4	8.1	8.9
20	---	---	---	8.5	7.7	8.1	10.2	7.4	9.1	9.7	8.9	9.2
21	---	---	---	9.4	7.7	8.3	9.3	7.4	8.6	10.0	9.2	9.7
22	---	---	---	9.1	8.4	8.7	10.1	4.0	7.5	10.3	9.5	10.0
23	---	---	---	8.9	8.4	8.6	10.9	5.1	9.2	10.2	9.6	9.8
24	---	---	---	8.5	8.1	8.4	10.8	7.6	9.4	9.9	9.2	9.5
25	---	---	---	8.3	7.5	7.7	---	---	---	10.1	9.1	9.6
26	---	---	---	8.2	7.6	7.8	---	---	---	10.4	9.4	9.8
27	---	---	---	11.1	7.7	8.3	---	---	---	10.0	8.8	9.4
28	---	---	---	8.8	8.1	8.4	8.5	2.7	6.1	10.4	8.9	9.5
29	---	---	---	8.3	7.9	8.0	7.7	3.9	5.3	10.1	8.7	9.3
30	---	---	---	8.9	7.9	8.3	10.8	5.3	8.5	9.7	8.1	8.7
31	---	---	---	---	---	---	10.0	6.0	8.6	9.2	8.0	8.7
MONTH	---	---	---	11.1	7.0	8.2	11.9	2.7	8.4	10.7	2.7	8.8

MOBILE RIVER BASIN

02461130 VALLEY CREEK AT CENTER STREET AT BIRMINGHAM, AL

LOCATION.--Lat 33°30'20", long 88°50'12", in NE¹/₄NE¹/₄ sec. 3, T. 18 S., R. 3 W., Jefferson County, Hydrologic Unit 03160112, at bridge on Center Street, 0.3 mi downstream of Third Avenue North Bridge, and at mile 53.55.

DRAINAGE AREA.--7.00 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 554.541 ft above sea level (City of Birmingham Engineering).

REMARKS.--Estimated daily discharges: Feb. 1, 2, Aug. 18, 19. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,820 ft³/s, Aug. 31, gage height, 12.06 ft; minimum daily discharge, 3.7 ft³/s, Aug. 26, 28.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	e9.5	26	9.8	5.1	33	5.1	4.2	18
2	---	---	---	---	e8.9	41	8.5	5.1	6.6	11	4.4	84
3	---	---	---	---	8.3	72	257	5.8	54	22	13	289
4	---	---	---	---	6.2	23	83	5.6	12	19	11	50
5	---	---	---	---	5.9	13	26	5.1	12	40	17	18
6	---	---	---	---	5.8	11	17	5.0	6.8	7.3	63	14
7	---	---	---	---	5.4	9.5	13	5.6	38	5.5	29	11
8	---	---	---	---	5.1	8.4	11	41	15	4.9	23	9.3
9	---	---	---	---	54	7.9	10	15	7.8	4.9	6.5	8.3
10	---	---	---	---	12	7.1	9.4	10	6.6	7.4	13	7.9
11	---	---	---	---	7.0	6.6	8.4	6.3	7.7	4.6	16	7.5
12	---	---	---	---	49	108	7.8	6.0	6.7	4.5	14	7.1
13	---	---	---	---	116	13	41	5.6	6.4	4.4	53	6.5
14	---	---	---	---	15	49	9.0	5.8	9.2	4.4	8.9	6.0
15	---	---	---	---	11	93	59	5.6	8.4	4.2	5.6	5.3
16	---	---	---	---	74	16	12	5.7	5.1	4.2	5.1	5.2
17	---	---	---	---	19	12	9.7	5.7	5.0	4.1	6.0	5.2
18	---	---	---	---	11	10	8.8	5.8	5.2	4.0	e50	5.1
19	---	---	---	---	9.5	73	8.0	5.8	5.1	4.1	e8.0	20
20	---	---	---	---	8.3	151	7.8	62	12	122	5.6	5.5
21	---	---	---	---	51	28	7.2	25	5.3	8.8	4.9	5.3
22	---	---	---	---	33	19	6.8	43	50	5.7	4.4	5.0
23	---	---	---	---	27	14	6.7	7.8	6.1	6.1	4.5	4.8
24	---	---	---	---	29	13	11	9.0	5.9	4.3	4.1	9.6
25	---	---	---	---	119	11	6.6	17	6.6	20	3.9	5.1
26	---	---	---	---	41	11	6.0	6.8	149	5.3	3.7	4.7
27	---	---	---	---	67	9.9	6.6	6.9	18	4.3	4.3	8.2
28	---	---	---	---	61	9.7	6.6	52	19	4.1	3.7	4.3
29	---	---	---	---	---	27	7.9	10	6.5	4.0	3.9	4.0
30	---	---	---	---	---	40	5.2	6.6	5.8	4.8	3.8	4.0
31	---	---	---	---	---	10	---	30	---	5.2	291	---
TOTAL	---	---	---	---	868.9	943.1	686.8	431.7	534.8	360.2	688.5	637.9
MEAN	---	---	---	---	31.0	30.4	22.9	13.9	17.8	11.6	22.2	21.3
MAX	---	---	---	---	119	151	257	62	149	122	291	289
MIN	---	---	---	---	5.1	6.6	5.2	5.0	5.0	4.0	3.7	4.0
CFSM	---	---	---	---	4.43	4.35	3.27	1.99	2.55	1.66	3.17	3.04
IN.	---	---	---	---	4.62	5.01	3.65	2.29	2.84	1.91	3.66	3.39

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

MEAN	---	---	---	---	31.0	30.4	22.9	13.9	17.8	11.6	22.2	21.3
MAX	---	---	---	---	31.0	30.4	22.9	13.9	17.8	11.6	22.2	21.3
(WY)	---	---	---	---	2001	2001	2001	2001	2001	2001	2001	2001
MIN	---	---	---	---	31.0	30.4	22.9	13.9	17.8	11.6	22.2	21.3
(WY)	---	---	---	---	2001	2001	2001	2001	2001	2001	2001	2001

e Estimated

MOBILE RIVER BASIN

02461500 VALLEY CREEK NEAR BESSEMER, AL

LOCATION.--Lat 33°25'09", long 86°58'58", in NW¹/₄ sec. 5, T. 19 S., R. 4 W., Jefferson County, Hydrologic Unit 03160112, near left bank on downstream side of 19th Street bridge, 1.0 mi downstream from Opossum Creek, 2.0 mi west of Bessemer, and at mile 41.38.

DRAINAGE AREA.--52.5 mi².

PERIOD OF RECORD.--January 1946 to December 1947 (gage heights and discharge measurements only). May 1974 to May 1975 (rainfall-runoff site, flood hydrograph only). May 1975 to September 1979. May 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 438.64 ft above sea level (levels by Jefferson County Highway Department). May 2, 1974 to May 14, 1975, rainfall-runoff site at same site and datum.

REMARKS.--Estimated daily discharges: May 9, 10. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in February 1936 reached a stage of 18.6 ft present site and datum (discharge not determined), from highwater marks.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	34	43	60	97	108	89	54	215	72	54	486
2	33	34	44	47	78	144	81	62	89	61	51	409
3	32	24	42	52	78	371	1050	56	179	220	41	2580
4	36	28	37	50	71	283	1100	50	99	102	98	528
5	38	42	39	51	67	157	323	49	90	173	81	233
6	137	37	48	52	71	118	185	52	69	88	189	152
7	46	223	45	151	73	115	149	49	112	68	261	124
8	34	169	38	255	60	97	129	100	186	62	91	110
9	32	653	41	74	84	87	110	e150	387	60	76	127
10	33	63	49	71	197	88	105	e90	111	56	91	95
11	44	45	37	66	74	81	102	65	109	76	83	81
12	29	46	45	77	183	554	82	54	87	50	80	85
13	31	43	43	62	500	173	164	55	76	53	75	71
14	32	41	105	80	164	145	86	53	83	53	155	70
15	32	43	36	74	115	860	290	52	75	50	57	69
16	31	161	142	64	320	192	103	56	68	50	58	66
17	38	85	88	81	248	145	84	39	60	46	51	65
18	35	59	48	200	130	122	80	45	66	50	245	61
19	25	180	54	705	115	241	73	45	57	51	76	79
20	29	72	43	171	99	1100	75	50	66	326	66	63
21	36	50	54	116	117	309	65	276	58	142	41	62
22	32	54	47	101	90	186	65	168	336	60	56	55
23	31	51	43	90	87	149	63	66	85	54	39	61
24	34	93	52	85	80	130	70	65	69	55	49	65
25	40	116	50	82	326	113	67	68	64	107	42	57
26	39	57	40	71	112	102	55	56	95	93	45	59
27	23	45	95	65	118	101	56	50	397	61	45	52
28	28	54	87	71	140	94	60	137	180	46	46	51
29	31	50	68	254	---	122	64	188	90	86	49	47
30	33	43	58	285	---	171	60	61	70	65	41	54
31	36	---	57	111	---	96	---	103	---	43	1320	---
TOTAL	1144	2695	1718	3774	3894	6754	5085	2464	3728	2579	3752	6117
MEAN	36.9	89.8	55.4	122	139	218	170	79.5	124	83.2	121	204
MAX	137	653	142	705	500	1100	1100	276	397	326	1320	2580
MIN	23	24	36	47	60	81	55	39	57	43	39	47
CFSM	.70	1.71	1.06	2.32	2.65	4.15	3.23	1.51	2.37	1.58	2.31	3.88
IN.	.81	1.91	1.22	2.67	2.76	4.79	3.60	1.75	2.64	1.83	2.66	4.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	MEAN	105	113	186	156	227	169	124	104	104	75.3	110
MAX	269	207	162	352	353	585	586	317	228	217	140	273
(WY)	1996	1996	1995	1996	1990	1976	1979	1976	1989	1989	1979	1977
MIN	31.7	60.8	55.4	76.8	73.3	90.2	69.0	43.1	42.0	44.0	43.5	35.3
(WY)	1992	1991	2001	1992	2000	1992	1990	1992	1988	1995	1990	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1975 - 2001
ANNUAL TOTAL	37593	43704	
ANNUAL MEAN	103	120	131
HIGHEST ANNUAL MEAN			206
LOWEST ANNUAL MEAN			78.8
HIGHEST DAILY MEAN	3300	2580	6180
LOWEST DAILY MEAN	23	23	23
ANNUAL SEVEN-DAY MINIMUM	31	31	27
MAXIMUM PEAK FLOW		5480	11300
MAXIMUM PEAK STAGE		13.56	17.06
ANNUAL RUNOFF (CFSM)	1.96	2.28	2.49
ANNUAL RUNOFF (INCHES)	26.64	30.97	33.83
10 PERCENT EXCEEDS	163	206	227
50 PERCENT EXCEEDS	50	70	72
90 PERCENT EXCEEDS	33	39	38

e Estimated

MOBILE RIVER BASIN

02461630 HALLS CREEK AT BESSEMER, AL

LOCATION.--Lat 33°23'58", long 86°59'01", in NE 1/4 sec. 8, T. 19 S., R. 4 W., Jefferson County, Hydrologic Unit 03160112, at abandoned railroad bridge 0.4 mi west of Bessemer, and 0.5 mi from mouth.

DRAINAGE AREA.--7.30 mi².

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 460 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.70	.87	1.2	4.9	6.6	5.8	6.1	5.6	27	6.1	3.9	48
2	.70	.77	1.2	4.7	5.9	26	5.0	5.4	6.4	6.2	3.7	40
3	.70	.76	1.2	4.4	5.4	73	95	5.2	7.4	98	3.6	280
4	.75	1.0	1.2	4.3	5.1	37	141	5.1	5.5	23	5.1	73
5	.86	1.3	1.2	4.3	4.9	13	51	4.9	6.9	15	9.1	29
6	17	2.7	1.4	4.1	5.1	9.7	27	4.8	4.8	12	26	20
7	1.0	11	1.4	21	4.7	8.6	20	4.8	30	10	23	17
8	.92	10	1.4	16	4.2	7.8	17	4.7	54	9.4	5.7	15
9	1.0	47	1.4	5.9	16	6.5	15	19	73	8.8	4.9	29
10	1.0	1.1	1.4	5.0	13	6.6	14	43	12	10	14	12
11	1.0	.92	1.5	5.8	5.3	4.9	12	8.5	15	8.5	8.8	10
12	1.0	.86	1.5	5.3	14	86	11	5.9	8.5	8.2	7.4	9.2
13	1.0	.85	3.9	4.7	21	18	17	5.3	7.1	7.8	6.0	8.5
14	1.0	.90	1.8	4.7	8.2	23	10	4.9	6.2	7.2	5.0	7.7
15	.83	1.4	1.5	4.2	6.7	127	47	4.5	13	7.1	4.8	7.3
16	1.1	5.6	4.1	5.1	51	21	13	4.2	6.1	6.8	4.3	6.7
17	1.1	1.6	3.1	5.5	30	13	11	4.1	5.1	6.4	4.4	6.4
18	1.1	1.7	3.9	16	11	10	10	3.9	4.7	6.0	4.7	6.0
19	1.3	6.2	3.8	101	7.6	33	9.3	4.1	4.4	5.6	3.8	7.2
20	1.3	1.6	3.7	16	6.8	161	8.7	4.0	4.2	30	3.7	5.2
21	1.3	1.3	3.8	9.4	6.0	39	8.0	5.2	4.0	9.4	3.5	4.9
22	1.3	1.3	3.6	8.2	5.8	20	7.5	11	31	5.1	3.5	4.6
23	1.2	1.3	3.5	7.2	5.1	14	7.2	4.1	5.9	4.8	3.4	4.5
24	1.2	7.1	3.4	6.3	4.7	11	7.7	3.8	4.7	4.5	3.3	5.4
25	1.1	2.6	3.4	5.7	25	9.2	6.9	7.3	4.3	26	3.2	4.5
26	1.0	1.5	3.3	5.2	6.5	7.7	6.5	3.8	4.1	6.2	3.1	4.2
27	1.0	1.4	9.0	4.7	7.0	6.8	6.2	3.7	10	4.7	3.1	3.9
28	.91	1.3	9.6	4.4	8.1	6.4	6.2	17	64	4.6	3.2	3.7
29	.94	1.3	6.5	41	---	7.5	6.4	15	10	4.4	3.4	3.6
30	.90	1.2	5.7	22	---	16	5.7	4.2	6.7	5.7	3.6	3.5
31	.84	---	5.4	8.0	---	6.5	---	17	---	4.2	118	---
TOTAL	47.05	118.43	99.0	365.0	300.7	835.0	608.4	244.0	446.0	371.7	303.2	680.0
MEAN	1.52	3.95	3.19	11.8	10.7	26.9	20.3	7.87	14.9	12.0	9.78	22.7
MAX	17	47	9.6	101	51	161	141	43	73	98	118	280
MIN	.70	.76	1.2	4.1	4.2	4.9	5.0	3.7	4.0	4.2	3.1	3.5
CFSM	.21	.54	.44	1.61	1.47	3.69	2.78	1.08	2.04	1.64	1.34	3.11
IN.	.24	.60	.50	1.86	1.53	4.26	3.10	1.24	2.27	1.89	1.55	3.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

MEAN	6.16	8.32	12.0	28.5	18.9	32.0	23.8	9.02	12.0	8.88	6.41	7.51
MAX	12.2	11.0	16.5	48.4	36.1	45.3	39.1	12.0	21.2	12.0	9.78	22.7
(WY)	2000	1998	1999	1998	1998	2000	2000	1998	1999	2001	2001	2001
MIN	1.52	3.95	3.19	11.8	8.09	26.9	13.4	5.37	5.39	5.78	3.17	1.05
(WY)	2001	2001	2001	2001	2000	2001	1999	2000	2000	1998	1999	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1998 - 2001	
ANNUAL TOTAL	4289.63		4418.48		14.5	
ANNUAL MEAN	11.7		12.1		17.2	
HIGHEST ANNUAL MEAN					12.1	
LOWEST ANNUAL MEAN					12.1	
HIGHEST DAILY MEAN	396	Apr 3	280	Sep 3	487	Jan 7 1998
LOWEST DAILY MEAN	.65	Sep 26	.70	Oct 1-3	.65	Sep 26 2000
ANNUAL SEVEN-DAY MINIMUM	.72	Sep 25	.86	Oct 28	.72	Sep 25 2000
MAXIMUM PEAK FLOW			455	Sep 3	919	Jan 7 1998
MAXIMUM PEAK STAGE			10.05	Sep 3	13.16	Jan 7 1998
ANNUAL RUNOFF (CFSM)	1.61		1.66		1.98	
ANNUAL RUNOFF (INCHES)	21.86		22.52		26.90	
10 PERCENT EXCEEDS	18		25		28	
50 PERCENT EXCEEDS	4.7		5.7		6.6	
90 PERCENT EXCEEDS	1.0		1.2		2.1	

MOBILE RIVER BASIN

02461640 VALLEY CREEK BELOW BESSEMER, AL

LOCATION.--Lat 33°24'00", long 86°59'32", in NE 1/4 sec. 7, T. 19 S., R. 4 W., Jefferson County, Hydrologic Unit 03160112, at abandoned bridge crossing 0.2 mi downstream from Halls Creek, 0.7 mi southwest of Bessemer, and at mile 39.75.

DRAINAGE AREA.--61.4 mi².

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 435 ft above sea level (from topographic map).

REMARKS.--Estimated daily discharges: Dec. 11 to Jan. 25. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	32	41	e62	97	115	93	51	237	72	57	582
2	31	32	41	e49	76	157	81	60	88	58	52	402
3	30	25	41	e54	74	440	1030	52	167	316	43	2590
4	33	27	36	e54	66	356	1310	48	102	128	95	566
5	34	38	39	e54	61	186	387	47	87	174	83	241
6	152	33	45	e55	66	135	218	49	65	102	195	156
7	43	224	44	e159	69	128	175	47	121	72	270	128
8	33	156	37	e273	55	103	150	98	249	64	93	114
9	32	692	40	e79	76	89	128	158	445	62	83	139
10	30	62	48	e75	230	90	120	117	123	56	94	98
11	40	42	e40	e69	72	79	114	63	118	78	91	77
12	30	42	e46	e81	194	638	88	48	89	54	85	82
13	29	40	e47	e66	538	210	177	48	73	54	72	69
14	30	39	e116	e84	189	168	93	46	79	55	155	64
15	30	40	e44	e78	127	1030	329	46	80	52	57	64
16	31	160	e155	e68	344	230	117	49	65	52	60	60
17	34	91	e100	e83	317	171	88	36	56	47	50	58
18	33	54	e51	e211	153	140	82	40	60	53	215	55
19	25	201	e56	e741	127	267	74	38	54	55	82	74
20	28	71	e45	e193	104	1290	77	43	60	276	65	58
21	33	49	e55	e117	122	373	65	268	56	179	42	55
22	31	50	e48	e104	90	222	64	179	350	62	53	49
23	29	49	e44	e88	86	178	62	62	87	54	41	54
24	32	90	e54	e82	76	154	69	59	66	56	47	59
25	37	131	e53	e82	353	127	67	64	61	120	41	51
26	36	55	e43	67	121	111	53	50	68	106	42	54
27	24	44	e103	60	119	108	56	45	397	62	45	47
28	28	50	e91	66	162	99	57	119	247	49	43	44
29	29	47	e71	251	---	132	62	215	99	85	46	41
30	31	43	e62	348	---	197	59	55	65	69	40	46
31	34	---	e59	119	---	103	---	110	---	44	1170	---
TOTAL	1103	2709	1795	3972	4164	7826	5545	2410	3914	2766	3607	6177
MEAN	35.6	90.3	57.9	128	149	252	185	77.7	130	89.2	116	206
MAX	152	692	155	741	538	1290	1310	268	445	316	1170	2590
MIN	24	25	36	49	55	79	53	36	54	44	40	41
CFSM	.58	1.47	.94	2.09	2.42	4.11	3.01	1.27	2.12	1.45	1.90	3.35
IN.	.67	1.64	1.09	2.41	2.52	4.74	3.36	1.46	2.37	1.68	2.19	3.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

MEAN	64.6	84.0	106	224	158	256	205	82.5	112	89.6	77.3	82.2
MAX	92.7	94.6	169	346	276	344	318	100	181	99.4	116	206
(WY)	2000	1999	1999	1998	1998	2000	2000	1999	1999	1999	2001	2001
MIN	35.6	67.7	57.9	128	82.3	201	95.4	58.0	66.2	80.9	49.0	34.3
(WY)	2001	2000	2001	2001	2000	1999	1999	2000	2000	2000	1999	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1998 - 2001	
ANNUAL TOTAL	41141		45988		128	
ANNUAL MEAN	112		126		146	
HIGHEST ANNUAL MEAN					117	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	3690	Apr 3	2590	Sep 3	4070	Jan 7 1998
LOWEST DAILY MEAN	24	Oct 27	24	Oct 27	24	Oct 27 2000
ANNUAL SEVEN-DAY MINIMUM	30	Oct 27	30	Oct 27	30	Oct 27 2000
MAXIMUM PEAK FLOW			5250	Sep 3	7600	Jan 7 1998
MAXIMUM PEAK STAGE			11.04	Sep 3	13.24	Jan 7 1998
ANNUAL RUNOFF (CFSM)	1.83		2.05		2.09	
ANNUAL RUNOFF (INCHES)	24.93		27.86		28.42	
10 PERCENT EXCEEDS	185		233		226	
50 PERCENT EXCEEDS	50		67		66	
90 PERCENT EXCEEDS	32		38		37	

e Estimated

MOBILE RIVER BASIN

02462000 VALLEY CREEK NEAR OAK GROVE, AL

LOCATION.--Lat 33°26'50", long 87°07'20", in NW¹/₄ sec. 25, T. 18 S., R. 6 W., Jefferson County, Hydrologic Unit 03160112, near center of span on downstream side of highway bridge, 1,000 ft downstream from Raccoon Branch, 1.5 mi east of Oak Grove, 10.5 mi west of Bessemer, and 18.2 mi upstream from mouth.

DRAINAGE AREA.--148 mi².

PERIOD OF RECORD.--May to July 1936, August 1953 to September 1958, October 1958 to September 1964 (peak discharge only), October 1964 to September 1965, October 1965 to May 1978 (peak discharge only), June 1978 to current year.

REVISED RECORDS.--WDR AL-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 294.87 ft above sea level (levels by Jefferson County Highway Department). May 16 to July 12, 1936, chain gage at site 500 ft downstream at same datum. August 1953 to September 1958, water-stage recorder, October 1958 to September 1964 and October 1965 to June 1978, crest-stage gage, at present site and datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in July 1916 reached a stage of 29.6 ft present site and datum (discharge not determined) from high-water marks.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	64	110	153	390	451	316	134	431	195	175	1700
2	53	70	92	140	316	405	271	123	376	156	146	925
3	58	65	92	132	253	1030	563	118	202	225	157	5430
4	54	58	79	127	232	1520	3400	129	360	580	162	2600
5	101	66	84	123	202	889	1880	105	233	242	217	1050
6	446	71	83	120	189	656	1080	100	194	330	250	729
7	444	306	109	147	177	515	810	101	171	182	653	573
8	140	175	99	774	159	440	644	108	775	154	306	469
9	111	1050	93	349	152	376	512	176	853	137	245	433
10	100	252	97	249	519	321	455	308	547	132	221	375
11	117	121	98	220	277	293	388	280	382	142	384	316
12	95	89	83	242	282	913	336	141	345	142	347	285
13	70	86	102	194	1280	1110	390	127	265	112	263	265
14	74	77	200	183	848	650	342	114	215	117	491	230
15	72	76	125	230	579	2470	686	104	222	111	245	227
16	67	103	234	180	517	1160	452	98	235	112	215	203
17	86	340	370	223	1270	814	318	96	174	139	183	207
18	93	129	204	492	705	614	264	90	158	135	207	196
19	84	366	170	1660	527	553	245	83	153	138	413	209
20	72	256	146	1090	434	3000	222	95	135	180	201	224
21	72	154	136	621	397	1510	201	348	160	658	185	173
22	80	118	136	441	344	1030	182	346	511	161	151	176
23	69	122	109	348	288	794	161	207	427	133	184	163
24	73	114	110	294	255	639	171	156	212	161	154	172
25	76	357	121	238	637	519	170	169	172	158	164	160
26	70	189	96	227	498	444	150	151	169	347	144	156
27	62	136	123	182	386	369	150	121	521	209	160	157
28	51	121	298	169	529	332	138	150	367	188	149	152
29	60	119	289	195	---	314	143	485	467	174	150	143
30	61	119	190	1130	---	526	150	166	203	218	162	134
31	62	---	162	553	---	368	---	180	---	178	747	---
TOTAL	3142	5369	4440	11426	12642	25025	15190	5109	9635	6246	7831	18232
MEAN	101	179	143	369	452	807	506	165	321	201	253	608
MAX	446	1050	370	1660	1280	3000	3400	485	853	658	747	5430
MIN	51	58	79	120	152	293	138	83	135	111	144	134
CFSM	.68	1.21	.97	2.49	3.05	5.45	3.42	1.11	2.17	1.36	1.71	4.11
IN.	.79	1.35	1.12	2.87	3.18	6.29	3.82	1.28	2.42	1.57	1.97	4.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2001, BY WATER YEAR (WY)

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
MEAN	154	235	372	487	573	592	494	274	207	202	145	166
MAX	442	539	2289	931	1239	1440	1580	829	616	631	253	608
(WY)	1996	1958	1984	1990	1983	1980	1979	1983	1989	1989	2001	2001
MIN	75.5	79.0	127	111	205	234	99.2	97.6	83.4	94.2	84.7	72.9
(WY)	1979	1982	1981	1981	2000	1985	1986	1992	1988	1995	1980	1990

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1954 - 2001
ANNUAL TOTAL	101761	124287	
ANNUAL MEAN	278	341	323
HIGHEST ANNUAL MEAN			459
LOWEST ANNUAL MEAN			144
HIGHEST DAILY MEAN	6710	5430	19100
LOWEST DAILY MEAN	51	51	34
ANNUAL SEVEN-DAY MINIMUM	61	61	43
MAXIMUM PEAK FLOW		9160	32000
MAXIMUM PEAK STAGE		21.13	33.98
ANNUAL RUNOFF (CFSM)	1.88	2.30	2.19
ANNUAL RUNOFF (INCHES)	25.58	31.24	29.70
10 PERCENT EXCEEDS	480	657	611
50 PERCENT EXCEEDS	121	194	176
90 PERCENT EXCEEDS	72	88	86

MOBILE RIVER BASIN

02462500 BLACK WARRIOR RIVER AT BANKHEAD LOCK AND DAM NEAR BESSEMER, AL

LOCATION.--Lat 33°27'30", long 87°21'15", in SE 1/4 sec. 22, T. 18 S., R. 8 W., Jefferson County, Hydrologic Unit 03160112, at abandoned lock wall 300 ft above dam, 1.9 mi downstream from Big Yellow Creek, 23 mi northwest of Bessemer, and at mile 153.6.

DRAINAGE AREA.--3,981 mi².

PERIOD OF RECORD.--October 1928 to September 1936, October 1976 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to October 1, 1998, gage datum was 173.50 ft lower.

COOPERATION.--Records were provided by Alabama Power Company.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	317	3	1320	583	10700	12500	5320	1380	3610	0	2690	6860
2	0	0	0	3000	10600	10600	5100	1120	3730	2920	2120	6660
3	0	0	0	2110	10600	22400	16300	1070	4280	3260	2210	72000
4	0	0	0	1860	8690	27900	132000	1140	6450	3860	325	76900
5	0	0	0	1110	6540	25900	95700	0	6960	4530	1900	28600
6	0	0	0	0	3210	10600	10400	0	7550	6110	3030	10100
7	0	0	877	2050	3350	11600	30600	2580	10000	1980	5080	4780
8	0	0	0	7600	4720	10600	29100	3580	21900	2620	1970	5420
9	0	3750	0	4240	4230	10600	25800	869	15300	2890	1950	5970
10	0	8750	0	3240	3920	10800	25700	2110	10500	2060	4770	10700
11	0	2570	0	3390	5210	4310	25700	3800	10200	4880	4390	7480
12	0	0	0	3660	8830	19100	20700	2930	6990	3860	2300	5270
13	0	431	1320	2600	27200	45600	10200	2260	4630	4750	5340	5680
14	0	0	0	2860	26100	14300	9570	412	5450	1910	4340	3660
15	0	0	1320	2570	13200	51000	14600	0	4980	0	3960	3450
16	0	0	4430	4800	7130	45500	10600	0	1980	2430	3600	0
17	0	427	6070	1770	12200	28500	11000	0	0	2490	3840	2540
18	0	1730	9580	5740	27100	22800	11000	1490	2750	1780	786	4430
19	0	0	0	29300	15300	18000	10200	0	2890	1960	0	5170
20	0	1750	648	44400	10200	62700	8950	452	2460	1740	2260	6320
21	0	1320	1770	25800	10900	95200	5610	4770	1660	1970	2760	4610
22	0	2640	2020	11500	4950	70200	1300	2880	719	1190	2660	1650
23	0	0	1740	10500	10800	10500	6750	1380	0	1970	3000	0
24	0	2200	1390	5710	12600	31300	7560	2930	0	2460	2410	0
25	252	5710	841	5980	10800	10500	3560	4240	1260	2180	0	0
26	2950	3960	1660	5310	16700	8620	3360	1260	0	2930	0	4390
27	232	3120	2360	3080	9620	8710	3700	647	2480	2440	2310	3320
28	0	2510	1660	4860	14400	17100	0	7090	2440	0	1710	2580
29	0	1810	1630	6170	---	15200	1370	6160	3780	0	1130	2970
30	0	1320	0	11000	---	11100	1620	7260	4680	2120	2620	0
31	148	---	1570	10900	---	6930	---	6920	---	1730	7080	---
TOTAL	3899	44001	42206	227693	309800	750670	543370	70730	149629	75020	82541	291510
MEAN	126	1467	1361	7345	11060	24220	18110	2282	4988	2420	2663	9717
MAX	2950	8750	9580	44400	27200	95200	132000	7260	21900	6110	7080	76900
MIN	0	0	0	0	3210	4310	0	0	0	0	0	0
CFSM	.03	.37	.34	1.84	2.78	6.08	4.55	.57	1.25	.61	.67	2.44
IN.	.04	.41	.39	2.13	2.89	7.01	5.08	.66	1.40	.70	.77	2.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

	MEAN	2402	4421	7365	11390	12230	14590	10840	5747	3317	2922	1944	2065
MAX	11990	32560	32480	24030	35550	38030	29230	23190	21670	13400	4557	9717	
(WY)	1933	1930	1933	1998	1990	1929	1979	1991	1997	1989	1985	2001	
MIN	19.7	95.7	893	2688	2464	2677	841	568	182	410	404	65.4	
(WY)	1932	1932	2000	1986	2000	1988	1986	1992	1936	1931	1929	1931	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1929 - 2001
ANNUAL TOTAL	1781928	2591069	6576
ANNUAL MEAN	4869	7099	10210
HIGHEST ANNUAL MEAN			1980
LOWEST ANNUAL MEAN			2555
HIGHEST DAILY MEAN	135000	132000	143000
LOWEST DAILY MEAN	0	0	0
ANNUAL SEVEN-DAY MINIMUM	0	0	0
MAXIMUM PEAK STAGE		255.18	255.60
ANNUAL RUNOFF (CFSM)	1.22	1.78	1.65
ANNUAL RUNOFF (INCHES)	16.65	24.21	22.44
10 PERCENT EXCEEDS	8400	15300	14900
50 PERCENT EXCEEDS	1420	2930	2960
90 PERCENT EXCEEDS	0	0	300

* Some undetermined amounts of leakage may have occurred during periods reported as no flow.

MOBILE RIVER BASIN

02462501 BLACK WARRIOR RIVER BELOW BANKHEAD LOCK AND DAM NEAR BESSEMER, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 33°27'25", long 87°21'18", in SE¹/₄ sec. 22, T. 18 S., R. 8 W., Jefferson County, Hydrologic Unit 03160112, near left bank 300 ft below dam, 2.0 mi downstream from Big Yellow Creek, 23 mi northwest of Bessemer, and at mile 153.6.
DRAINAGE AREA.--3,981 mi².

WATER-STAGE RECORDS

PERIOD OF RECORD.--December 1911 to current year (elevation only). October 1971 to current year in reports of Geological Survey. December 1911 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORDS.--WDR AL-85-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to July 11, 1963, nonrecording gage at same site and datum. July 11, 1963 to September 30, 1976, at datum 173.50 ft lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 194.00 ft, July 9, 1916; minimum, 179.60 ft, Oct. 15 to Nov. 1, 1920.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 188.81 ft, Apr. 4; minimum, 185.29 ft, Feb. 6.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	185.78	186.36	186.71	186.80	186.50	186.56	186.79	186.21	---	---	---	186.25
2	185.79	186.34	186.78	186.63	186.48	186.86	186.44	186.02	---	---	---	186.53
3	185.84	186.37	186.57	186.72	186.74	186.72	186.58	186.05	---	---	---	186.87
4	185.91	186.25	186.80	186.68	186.45	186.72	188.03	186.20	---	---	---	186.97
5	186.04	186.27	186.62	186.69	186.64	186.64	187.58	186.20	---	---	---	186.58
6	186.25	186.29	186.57	186.85	186.74	186.70	186.83	186.29	---	---	---	186.29
7	186.25	186.40	186.65	186.84	186.46	186.68	186.62	186.32	---	---	---	186.37
8	186.21	186.58	186.71	186.55	186.44	186.81	186.64	186.36	---	---	---	186.46
9	186.28	186.76	186.54	186.54	186.27	186.47	186.63	186.10	---	---	---	186.26
10	186.28	186.48	186.56	186.18	186.41	186.57	186.58	186.00	---	186.69	---	186.43
11	186.30	186.54	186.57	186.59	186.39	186.67	186.74	186.05	---	186.57	---	186.35
12	186.32	186.77	186.31	186.71	186.47	186.68	186.61	186.01	---	186.36	---	186.12
13	186.35	186.56	186.35	186.71	186.60	186.87	186.47	186.03	---	186.54	---	186.30
14	186.39	186.69	186.58	186.51	186.50	186.75	186.35	186.08	---	186.58	---	186.27
15	186.36	186.63	186.57	186.62	186.50	187.01	186.79	186.22	---	186.47	---	186.42
16	186.40	186.69	186.70	186.55	186.61	186.92	186.47	186.27	---	---	---	186.36
17	186.49	186.71	186.30	186.75	186.72	186.80	186.69	186.30	---	---	---	186.28
18	186.56	186.75	186.62	186.39	186.57	186.62	186.55	186.29	---	---	186.29	186.19
19	186.54	186.67	186.74	186.65	186.64	186.60	186.53	---	---	---	186.25	186.29
20	186.30	186.69	186.62	186.71	186.81	186.87	186.75	---	---	---	186.34	186.36
21	186.29	186.50	186.48	186.66	186.58	187.28	186.45	---	---	---	186.26	186.24
22	186.36	186.67	186.46	186.65	186.81	186.88	186.54	---	---	---	186.19	185.94
23	186.43	186.70	186.63	186.49	186.67	186.82	186.73	---	---	---	186.08	186.37
24	186.43	186.63	186.51	186.52	186.71	186.51	186.58	---	---	---	186.13	186.49
25	186.34	186.56	186.56	186.44	186.55	186.68	186.39	---	---	---	186.20	186.44
26	186.35	186.56	186.72	186.45	186.72	186.85	186.68	---	---	---	186.38	186.25
27	186.43	186.55	186.60	186.58	186.69	186.68	186.60	---	---	---	186.43	186.15
28	186.34	186.51	186.46	186.60	186.63	186.61	186.64	---	---	---	186.44	186.16
29	186.30	186.64	186.52	186.53	---	186.50	186.25	---	---	---	186.53	186.13
30	186.38	186.51	186.76	186.64	---	186.83	186.12	---	---	---	186.64	186.08
31	186.40	---	186.73	186.29	---	186.62	---	---	---	---	186.82	---
MEAN	186.28	186.55	186.59	186.60	186.58	186.73	186.65	---	---	---	---	186.34
MAX	186.56	186.77	186.80	186.85	186.81	187.28	188.03	---	---	---	---	186.97
MIN	185.78	186.25	186.30	186.18	186.27	186.47	186.12	---	---	---	---	185.94
CAL YR 2000	MEAN 186.46		MAX 188.69		MIN 185.78							

MOBILE RIVER BASIN

02462501 BLACK WARRIOR RIVER BELOW BANKHEAD LOCK AND DAM NEAR BESSEMER, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)
OCT													
18...	1000	21.8	22.5	765	.00	275	284	7.1	81	7.7	7.8	.0	69
NOV													
29...	1110	14.7	16.5	766	1810	365	378	9.3	91	7.9	7.9	--	75
DEC													
20...	1430	10.4	6.5	764	3390	369	371	8.0	71	6.8	7.5	--	71

DATE	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)
OCT												
18...	57	.51	.48	<.041	.007	.274	.20	.23	.281	1.21	.023	--
NOV												
29...	62	.95	.96	<.041	E.004	--	.23	.21	.737	--	--	.071
DEC												
20...	59	1.3	1.2	E.026	.015	.970	.18	.31	.985	4.29	.049	--

DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)
OCT												
18...	.022	.009	<.018	2.4	.3	79	22	16.4	9.16	23.6	1	38
NOV												
29...	.042	.029	.023	2.7	.5	110	49	23.3	12.7	29.2	1	35
DEC												
20...	.034	.021	E.013	3.6	.3	120	61	25.4	13.6	24.6	1.0	30

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT											
18...	2.77	9.5	58.1	.2	2.4	<10	E1.9	171	157	--	.23
NOV											
29...	3.93	11.5	87.6	.3	3.0	<10	<3.0	221	212	1080	.30
DEC											
20...	4.07	9.0	94.8	.2	4.5	<10	4.9	230	215	2110	.31

MOBILE RIVER BASIN

02462501 BLACK WARRIOR RIVER BELOW BANKHEAD LOCK AND DAM NEAR BESSEMER, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 18...	1000	.00	3	--	80
NOV 29...	1110	1810	3	15	87
DEC 20...	1430	3390	4	37	75

MOBILE RIVER BASIN

02462951 BLACK WARRIOR RIVER AT HOLT LOCK AND DAM NEAR HOLT, AL

LOCATION.--Lat 33°15'11", long 87°26'57", in NW¹/₄ sec. 2, T. 21 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, on left bank 50 ft upstream from lock and dam, 0.1 mi downstream from Jim Mack Branch, 0.7 mi upstream from Hurricane Creek, 2.0 mi northeast of Holt, 3.2 mi upstream from North River, and at mile 135.1.

DRAINAGE AREA.--4,219 mi².

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

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by the U.S. Army Corps of Engineers).

COOPERATION.--Records were provided by Alabama Power Company.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	561	0	---	---	---	---	---	---	---	---	---	7780
2	0	0	---	---	---	---	---	---	---	---	---	6720
3	0	0	---	---	---	---	---	---	---	---	---	9000
4	0	0	---	---	---	---	82000	---	---	---	---	81900
5	0	0	---	---	---	---	94100	---	---	---	---	64900
6	0	0	---	---	---	---	72400	---	---	---	971	12000
7	0	0	---	---	---	---	44500	---	---	---	3620	4280
8	0	0	---	---	---	---	38700	---	---	---	1860	7310
9	0	---	---	---	---	---	33500	---	---	---	1920	8270
10	0	---	---	---	---	---	23600	---	---	---	4650	14400
11	0	---	---	---	---	---	26400	---	---	---	4110	7510
12	0	---	---	---	---	15700	29400	---	---	---	1860	4190
13	0	---	---	---	---	41600	20000	---	---	---	5390	5280
14	0	---	---	---	---	49100	13400	---	---	---	4300	3560
15	0	---	---	---	---	50000	13500	---	---	---	3260	2920
16	0	---	---	---	---	54700	---	---	---	---	3300	0
17	0	---	---	---	---	39600	---	---	---	---	3550	2650
18	0	---	---	---	---	21500	---	---	---	---	954	4090
19	724	---	---	---	---	22400	---	---	---	---	0	4650
20	913	---	---	---	---	46100	---	---	---	---	2230	6110
21	528	---	---	---	---	65900	---	---	---	---	2560	4300
22	0	---	---	---	---	64100	---	---	---	---	2690	2050
23	0	---	---	---	---	---	---	---	---	---	2640	0
24	0	---	---	---	---	---	---	---	---	---	2250	0
25	442	---	---	---	---	---	---	---	---	---	0	304
26	0	---	---	---	---	---	---	---	---	---	0	4340
27	81	---	---	---	---	---	---	---	---	---	2150	3110
28	0	---	---	---	---	---	---	---	---	---	1540	2420
29	0	---	---	---	---	---	---	---	---	---	890	2900
30	0	---	---	---	---	---	---	---	---	---	2270	0
31	0	---	---	---	---	---	---	---	---	---	7120	---
TOTAL	3249	---	---	---	---	---	---	---	---	---	---	276944
MEAN	105	---	---	---	---	---	---	---	---	---	---	9231
MAX	913	---	---	---	---	---	---	---	---	---	---	81900
MIN	0	---	---	---	---	---	---	---	---	---	---	0
CFSM	.02	---	---	---	---	---	---	---	---	---	---	2.19
IN.	.03	---	---	---	---	---	---	---	---	---	---	2.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2001, BY WATER YEAR (WY)

	MEAN	2416	4281	7948	13350	13960	16010	12460	6624	4381	3661	2291	2586
MAX	12840	12900	27650	26030	46480	38490	32050	31300	24760	17140	4800	9231	
(WY)	1978	1978	1984	1998	1990	1980	1979	1991	1997	1989	1985	2001	
MIN	105	484	1173	2181	2869	3060	952	888	1249	1244	1203	935	
(WY)	2001	1982	2000	1981	2000	1988	1986	1992	1988	2000	2000	2000	

SUMMARY STATISTICS

WATER YEARS 1977 - 2001

ANNUAL MEAN	7451	
HIGHEST ANNUAL MEAN	11270	1989
LOWEST ANNUAL MEAN	2879	1988
HIGHEST DAILY MEAN	178000	Apr 13 1979
LOWEST DAILY MEAN	0	Jul 17 1977
ANNUAL SEVEN-DAY MINIMUM	0	Oct2 2000
MAXIMUM PEAK STAGE	190.19	Dec3 1983
ANNUAL RUNOFF (CFSM)	1.77	
ANNUAL RUNOFF (INCHES)	24.00	
10 PERCENT EXCEEDS	17300	
50 PERCENT EXCEEDS	3460	
90 PERCENT EXCEEDS	350	

* Some undetermined amounts of leakage may have occurred during periods reported as no flow.

MOBILE RIVER BASIN

02462952 BLACK WARRIOR RIVER BELOW HOLT LOCK AND DAM NEAR HOLT, AL

LOCATION.--Lat 33°15'10", long 87°27'05", in NW¹/₄ sec. 2, T. 21 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, at downstream end of lock, 0.2 mi downstream from Jim Mack Branch, 0.6 mi upstream from Hurricane Creek, 2.0 mi northeast of Holt, 3.1 mi upstream from North River, and at mile 135.0.

DRAINAGE AREA.--4,219 mi².

PERIOD OF RECORD.--July 1966 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. July 1966 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 156.87 ft, Dec. 3, 1983; minimum elevation, 121.0 ft, July 13, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 140.17 ft, Apr. 4; minimum elevation, 122.56 ft, Oct. 4.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123.36	123.24	123.59	123.45	125.89	126.36	124.86	123.66	124.13	123.48	123.86	125.31
2	123.01	123.11	123.44	124.16	125.84	125.93	124.60	123.70	124.40	124.02	123.79	125.33
3	122.75	123.20	123.40	123.91	125.84	127.80	126.23	123.45	124.03	124.08	123.90	131.63
4	122.82	123.14	123.14	123.88	125.92	129.29	137.57	123.61	125.00	124.29	123.33	133.62
5	123.18	123.10	123.50	123.69	124.90	127.93	137.10	123.24	125.21	124.39	123.58	128.59
6	123.17	123.12	123.20	123.20	124.28	126.81	131.71	123.18	125.10	124.77	124.28	126.10
7	123.16	123.15	123.57	123.78	124.35	126.28	128.80	123.90	125.66	123.88	124.66	124.69
8	123.07	123.25	123.14	125.59	124.39	126.06	128.38	124.19	127.18	123.96	123.74	125.21
9	123.17	127.05	123.48	124.86	124.30	126.02	127.28	123.99	126.77	123.93	123.73	124.85
10	123.08	125.76	123.23	124.31	124.47	125.92	127.42	123.87	126.03	123.55	124.25	126.86
11	123.05	123.93	123.39	124.33	124.60	124.78	126.52	124.28	126.25	124.61	124.51	125.71
12	123.10	123.37	123.52	124.33	125.43	126.76	126.69	124.01	125.15	124.30	123.92	124.72
13	123.11	123.55	123.44	124.01	127.90	130.72	125.77	123.86	124.96	124.39	124.63	124.84
14	123.18	123.36	123.29	124.28	128.03	129.27	125.72	123.35	124.83	123.80	124.33	124.39
15	123.08	123.20	123.73	124.23	126.60	132.19	126.39	123.23	124.98	123.31	124.22	124.22
16	123.08	123.53	124.82	124.51	126.35	130.96	126.64	123.21	123.77	123.85	124.10	123.57
17	123.07	123.54	125.67	123.87	128.65	128.62	126.07	123.21	123.37	123.92	124.21	123.93
18	123.07	123.73	125.68	124.93	127.80	127.46	125.92	123.71	124.16	123.49	123.60	124.32
19	123.26	123.57	124.04	129.18	127.34	127.25	125.84	123.38	124.13	123.87	123.22	124.31
20	123.35	123.78	124.18	131.08	126.79	131.38	125.41	123.26	124.04	123.82	123.77	124.87
21	123.08	123.85	124.71	128.08	126.13	132.99	125.24	124.85	123.64	124.03	123.95	124.33
22	123.05	123.58	124.26	126.10	125.93	131.25	123.74	124.07	123.84	123.65	123.93	124.01
23	123.04	123.51	123.59	126.06	126.28	128.26	124.87	123.90	123.31	123.68	123.96	123.22
24	123.07	124.07	123.80	124.89	126.45	127.39	125.31	124.01	123.48	123.89	123.90	123.21
25	123.28	124.49	123.50	124.99	126.04	126.80	124.45	124.40	123.71	123.81	123.23	123.34
26	123.12	124.51	123.51	124.56	126.56	127.14	124.06	123.68	123.25	124.03	123.21	124.28
27	123.19	124.08	124.14	124.29	126.04	126.61	124.12	123.50	124.46	123.86	123.72	124.09
28	123.15	123.83	123.98	124.35	126.31	126.86	123.58	124.75	124.13	123.27	123.65	123.87
29	123.18	123.87	123.92	124.75	---	126.51	123.82	124.93	124.37	123.22	123.51	123.98
30	123.13	123.59	123.51	126.29	---	125.98	123.73	124.98	124.52	123.72	123.92	123.25
31	123.05	---	123.84	126.24	---	125.21	---	124.91	---	123.68	124.89	---
MEAN	123.11	123.77	123.81	125.04	126.05	127.83	126.59	123.88	124.60	123.89	123.92	125.15
MAX	123.36	127.05	125.68	131.08	128.65	132.99	137.57	124.98	127.18	124.77	124.89	133.62
MIN	122.75	123.10	123.14	123.20	124.28	124.78	123.58	123.18	123.25	123.22	123.21	123.21
CAL YR 2000		MEAN 124.26	MAX 145.82	MIN 122.75								
WTR YR 2001		MEAN 124.79	MAX 137.57	MIN 122.75								

MOBILE RIVER BASIN

02464000 NORTH RIVER NEAR SAMANTHA, AL

LOCATION.--Lat 33°28'45", long 87°35'50", in SW¹/₄ sec. 16, T. 18 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, on left bank a 200 ft downstream from bridge on county road, 1.2 mi upstream from Cripple Creek, 4 mi north of Samantha, and at mile 36.9.

DRAINAGE AREA.--223 mi².

PERIOD OF RECORD.--December 1938 to September 1954, October 1968 to current year.

REVISED RECORDS.--WSP 1304: 1939(M): WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 232.39 ft above sea level. Prior to Jan. 25, 1939, nonrecording gage 40 ft downstream at same datum.

REMARKS.--Estimated daily discharges: July 4, 5. Water-discharge records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	2.0	46	86	468	564	239	104	87	59	5.3	201
2	1.5	1.9	39	74	335	730	216	100	79	54	5.3	312
3	1.3	1.8	34	71	267	2160	200	95	68	39	6.0	763
4	1.6	1.7	29	71	229	2430	1200	88	92	35	8.0	1300
5	2.2	1.6	26	62	203	1420	2110	82	111	e85	11	425
6	4.1	2.5	23	61	179	836	1070	73	95	e160	15	238
7	2.4	5.0	22	63	160	589	656	71	376	74	63	165
8	2.2	31	21	394	144	458	481	68	1340	54	51	126
9	2.0	223	20	423	140	385	388	85	1020	40	34	2610
10	1.6	104	19	239	367	322	330	176	432	30	24	2160
11	1.8	35	18	190	377	279	283	114	250	25	55	589
12	1.3	22	19	256	462	692	245	93	187	22	150	317
13	1.1	14	21	263	3780	2140	246	82	145	18	82	219
14	1.1	10	91	223	3030	1350	266	72	115	14	112	167
15	1.2	7.8	115	197	1270	2610	922	62	101	12	91	133
16	1.2	12	124	164	1110	2430	1070	53	97	10	54	110
17	1.2	29	462	145	2950	1110	574	48	78	8.4	36	95
18	1.2	40	266	187	1510	730	394	40	64	7.2	27	85
19	1.2	47	162	2050	868	586	315	34	52	6.2	20	81
20	1.2	57	119	3010	610	1670	269	47	43	10	19	88
21	1.1	44	98	1040	471	2040	234	210	37	19	20	109
22	1.1	31	90	563	392	1110	204	204	36	15	18	79
23	1.1	23	81	391	325	734	178	144	39	10	13	64
24	1.1	32	73	305	280	552	191	98	43	7.8	11	81
25	1.0	284	67	246	393	444	187	92	40	6.5	9.0	91
26	1.1	212	60	202	477	365	151	79	32	7.0	7.8	82
27	1.2	110	63	179	390	311	132	63	51	7.3	7.8	63
28	1.2	76	94	157	625	277	120	57	78	6.5	7.7	54
29	1.4	59	111	173	---	262	121	80	51	5.7	6.1	47
30	1.7	53	105	1320	---	255	120	88	68	4.7	6.8	41
31	1.8	---	93	853	---	239	---	81	---	4.6	66	---
TOTAL	46.6	1572.3	2611	13658	21812	30080	13112	2783	5307	856.9	1041.8	10895
MEAN	1.50	52.4	84.2	441	779	970	437	89.8	177	27.6	33.6	363
MAX	4.1	284	462	3010	3780	2610	2110	210	1340	160	150	2610
MIN	1.0	1.6	18	61	140	239	120	34	32	4.6	5.3	41
CFSM	.01	.24	.38	1.98	3.49	4.35	1.96	.40	.79	.12	.15	1.63
IN.	.01	.26	.44	2.28	3.64	5.02	2.19	.46	.89	.14	.17	1.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

	MEAN	74.1	184	417	759	845	915	656	315	148	122	65.0	74.7
MAX	789	1085	2213	1667	2071	2450	2129	1718	823	1033	411	663	
(WY)	1976	1949	1984	1974	1990	1980	1979	1991	1989	1940	1975	1979	
MIN	1.50	8.72	24.8	82.0	176	134	63.9	41.8	10.0	4.23	3.27	.34	
(WY)	2001	1954	1944	1944	2000	1988	1986	1941	1941	1954	1988	1954	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1939 - 2001
ANNUAL TOTAL	99309.6	103775.6	
ANNUAL MEAN	271	284	378
HIGHEST ANNUAL MEAN			684
LOWEST ANNUAL MEAN			109
HIGHEST DAILY MEAN	11400	3780	22600
LOWEST DAILY MEAN	1.0	1.0	.10
ANNUAL SEVEN-DAY MINIMUM	1.1	1.1	.14
MAXIMUM PEAK FLOW		6390	25500
MAXIMUM PEAK STAGE		13.13	35.08
ANNUAL RUNOFF (CFSM)	1.22	1.27	1.69
ANNUAL RUNOFF (INCHES)	16.57	17.31	23.03
10 PERCENT EXCEEDS	439	732	885
50 PERCENT EXCEEDS	32	86	112
90 PERCENT EXCEEDS	1.3	3.5	11

e Estimated

MOBILE RIVER BASIN

02464146 TURKEY CREEK NEAR TUSCALOOSA, AL

LOCATION.--Lat 33°24'48", long 87°30'38", in NE¹/₄ sec. 7, T. 19 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, on left bank 1,400 ft downstream from State Highway 69, 1.1 mi upstream from Long Creek, 4.7 mi upstream from mouth, 5.5 mi east of Samantha, and 14 mi north of Tuscaloosa.

DRAINAGE AREA.--6.16 mi².

PERIOD OF RECORD.--February 1981 to September 1984, October 1986 to current year.

REVISED RECORDS.--WDR AL-82-1: 1981 (M).

GAGE.--Water-stage recorder. Altitude of gage is 270 ft, from topographic map.

REMARKS.--Estimated daily discharges: Oct. 7 to Nov. 8. Records good except those of estimated periods, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	e1.9	4.8	19	16	13	9.1	2.7	6.0	5.3	2.5	15
2	1.4	e1.9	4.5	16	14	15	7.8	2.6	5.6	4.0	1.9	65
3	1.4	e1.7	4.7	21	11	31	10	2.4	4.4	3.7	1.8	127
4	1.3	e1.7	4.1	15	10	47	124	2.3	6.4	3.8	5.6	34
5	1.3	e1.5	4.0	14	9.2	26	74	2.2	7.4	7.2	2.5	19
6	14	e2.2	4.1	13	8.1	19	31	2.3	5.3	5.4	11	14
7	e1.7	e4.5	4.0	38	7.6	16	19	2.3	20	3.8	5.3	11
8	e1.5	e30	3.9	64	7.0	14	12	2.1	14	3.3	3.3	9.5
9	e1.5	136	3.9	35	6.9	13	10	14	56	3.0	3.0	104
10	e1.5	10	4.0	26	17	12	9.0	8.2	13	2.9	3.5	39
11	e1.4	6.1	4.1	26	11	11	7.8	4.7	7.9	3.0	46	21
12	e1.2	4.8	3.9	23	16	52	6.8	3.9	6.2	2.7	21	15
13	e1.2	4.3	9.5	20	55	51	8.0	3.5	4.8	2.5	9.7	12
14	e1.1	3.8	14	21	34	22	7.1	3.0	4.2	2.3	7.8	10
15	e1.1	3.6	6.7	19	23	102	9.2	2.9	3.9	2.2	5.3	8.4
16	e1.1	11	47	18	20	36	6.3	2.7	3.3	2.0	4.4	7.5
17	e1.1	8.0	33	22	37	21	5.0	2.4	2.8	1.9	4.0	6.8
18	e1.1	6.7	22	37	22	16	4.5	2.2	2.7	1.8	3.7	6.5
19	e1.1	16	18	165	18	16	4.4	2.3	2.5	1.9	4.3	9.4
20	e1.0	8.7	16	49	16	71	4.2	2.0	2.4	6.0	3.8	7.1
21	e1.0	6.0	16	25	14	51	4.2	2.7	2.6	4.5	3.1	5.8
22	e1.0	5.2	13	17	13	29	3.9	6.1	4.9	2.6	2.9	5.3
23	e1.0	4.8	12	14	11	21	3.7	2.7	3.0	2.1	2.8	5.0
24	e.95	19	12	12	11	16	6.3	2.9	2.5	2.0	2.7	5.9
25	e1.0	27	11	11	13	13	5.5	3.1	2.3	2.2	2.6	5.0
26	e1.0	11	10	9.2	11	11	4.2	2.4	2.1	4.3	2.5	4.6
27	e1.1	7.5	28	8.4	10	10	3.8	2.4	51	3.5	2.6	4.4
28	e1.1	6.2	33	7.5	17	9.4	3.5	3.0	8.9	2.4	2.9	4.3
29	e1.3	5.8	30	9.2	---	9.5	2.8	4.3	5.9	2.1	3.1	4.1
30	e1.7	5.3	24	56	---	11	2.7	4.3	5.6	2.3	3.5	4.1
31	e1.7	---	20	22	---	9.2	---	5.7	---	2.6	40	---
TOTAL	50.95	362.2	425.2	852.3	458.8	794.1	409.8	110.3	267.6	99.3	219.1	589.7
MEAN	1.64	12.1	13.7	27.5	16.4	25.6	13.7	3.56	8.92	3.20	7.07	19.7
MAX	14	136	47	165	55	102	124	14	56	7.2	46	127
MIN	.95	1.5	3.9	7.5	6.9	9.2	2.7	2.0	2.1	1.8	1.8	4.1
CFSM	.27	1.96	2.23	4.46	2.66	4.16	2.22	.58	1.45	.52	1.15	3.19
IN.	.31	2.19	2.57	5.15	2.77	4.80	2.47	.67	1.62	.60	1.32	3.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

	3.39	6.92	12.6	18.7	17.6	17.1	14.2	9.30	6.78	5.57	3.13	3.52
MEAN	3.39	6.92	12.6	18.7	17.6	17.1	14.2	9.30	6.78	5.57	3.13	3.52
MAX	7.86	13.6	59.3	31.3	45.8	25.6	37.5	36.9	21.3	15.1	7.07	19.7
(WY)	1996	1996	1984	1990	1990	2001	2000	1983	1989	1996	2001	2001
MIN	1.34	2.02	3.05	6.62	4.95	5.43	5.25	1.81	.80	1.73	.92	.97
(WY)	1988	1982	1988	1991	2000	1992	1992	1988	1988	1981	1988	1981

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1981 - 2001
ANNUAL TOTAL	3349.95	4639.35	
ANNUAL MEAN	9.15	12.7	9.98
HIGHEST ANNUAL MEAN			16.1
LOWEST ANNUAL MEAN			3.57
HIGHEST DAILY MEAN	334	165	819
LOWEST DAILY MEAN	.95	.95	.55
ANNUAL SEVEN-DAY MINIMUM	.99	.99	.61
MAXIMUM PEAK FLOW		630	3500
MAXIMUM PEAK STAGE		5.88	11.98
ANNUAL RUNOFF (CFSM)	1.49	2.06	1.62
ANNUAL RUNOFF (INCHES)	20.23	28.02	22.02
10 PERCENT EXCEEDS	16	29	21
50 PERCENT EXCEEDS	3.6	6.0	4.7
90 PERCENT EXCEEDS	1.3	1.9	1.5

e Estimated

MOBILE RIVER BASIN

02464360 BINION CREEK BELOW GIN CREEK NEAR SAMANTHA, AL

LOCATION.--Lat 33°25'29", long 87°38'33", in SW¹/₄ sec. 1, T. 19 S., R. 11 W., Tuscaloosa County, Hydrologic Unit 03160112, at county road 30 ft downstream from Gin Creek, 1.0 mi downstream from Wolf Creek, and 2.2 mi west of Samantha.

DRAINAGE AREA.--57.2 mi².

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

GAGE.--Water-stage recorder. Altitude of gage is 230 ft, from topographic map.

REMARKS.--No estimated daily discharges. Water-discharge records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.0	15	28	34	70	104	65	27	42	43	17	134
2	9.0	15	26	31	56	148	56	25	32	36	15	260
3	8.5	15	24	29	48	484	80	24	28	29	14	316
4	8.3	16	24	30	45	482	566	22	27	27	19	202
5	8.1	18	24	30	42	204	719	21	51	35	28	106
6	30	19	24	30	39	126	278	21	40	45	26	54
7	28	25	23	59	38	96	165	22	100	32	52	41
8	16	81	23	181	36	82	123	20	258	25	31	38
9	14	275	23	80	38	73	103	32	266	22	21	761
10	13	125	23	53	97	63	90	96	142	20	19	455
11	13	47	24	55	63	56	77	79	74	19	28	128
12	13	31	24	68	122	447	66	44	54	19	73	77
13	13	25	26	54	577	556	79	44	43	17	48	54
14	13	22	71	49	483	211	83	33	37	16	47	43
15	13	20	51	51	198	725	140	26	35	16	25	36
16	12	43	62	45	154	393	125	23	33	15	19	33
17	13	75	88	48	337	186	75	21	27	15	17	31
18	13	43	52	70	196	131	58	20	24	15	17	30
19	14	60	41	484	115	120	54	18	21	14	18	31
20	14	49	33	391	91	421	51	18	20	15	21	33
21	14	34	35	143	78	339	49	64	19	26	17	29
22	14	28	34	88	68	173	45	81	22	17	16	25
23	15	26	30	67	59	123	41	59	23	16	15	23
24	15	59	30	57	53	101	58	37	20	15	15	26
25	15	150	29	49	99	87	55	35	19	14	14	33
26	15	66	27	45	82	74	43	27	17	14	14	25
27	15	42	58	43	81	65	37	23	110	18	15	22
28	15	34	80	40	166	61	34	22	109	17	21	20
29	15	31	65	76	---	61	30	26	55	15	17	19
30	15	31	45	293	---	64	28	22	42	15	19	18
31	15	---	37	113	---	61	---	31	---	15	79	---
TOTAL	437.9	1520	1184	2886	3531	6317	3473	1063	1790	657	797	3103
MEAN	14.1	50.7	38.2	93.1	126	204	116	34.3	59.7	21.2	25.7	103
MAX	30	275	88	484	577	725	719	96	266	45	79	761
MIN	8.1	15	23	29	36	56	28	18	17	14	14	18
CFSM	.25	.89	.67	1.63	2.20	3.56	2.02	.60	1.04	.37	.45	1.81
IN.	.28	.99	.77	1.88	2.30	4.11	2.26	.69	1.16	.43	.52	2.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2001, BY WATER YEAR (WY)

	MEAN	36.7	72.6	85.1	166	158	153	120	66.2	67.0	64.1	31.8	36.0
MAX	68.3	131	138	290	375	228	287	293	242	183	60.9	103	
(WY)	1996	1996	1997	1999	1990	1990	1991	1991	1989	1989	1996	2001	
MIN	14.1	34.3	38.2	68.4	44.8	48.2	50.8	17.9	10.8	11.2	12.5	9.62	
(WY)	2001	1988	2001	1988	2000	1988	1987	1988	1988	2000	1987	2000	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1987 - 2001		
ANNUAL TOTAL	23432.3			26758.9					
ANNUAL MEAN	64.0			73.3			87.6		
HIGHEST ANNUAL MEAN							123		
LOWEST ANNUAL MEAN							38.8		
HIGHEST DAILY MEAN	2390			761			3000		
LOWEST DAILY MEAN	6.2			8.1			6.2		
ANNUAL SEVEN-DAY MINIMUM	6.7			13			6.7		
MAXIMUM PEAK FLOW				1760			7230		
MAXIMUM PEAK STAGE				11.69			15.19		
ANNUAL RUNOFF (CFSM)	1.12			1.28			1.53		
ANNUAL RUNOFF (INCHES)	15.24			17.40			20.82		
10 PERCENT EXCEEDS	95			149			170		
50 PERCENT EXCEEDS	26			35			48		
90 PERCENT EXCEEDS	8.6			15			18		

MOBILE RIVER BASIN

02464800 LAKE TUSCALOOSA NEAR TUSCALOOSA, AL

LOCATION.--Lat 33°16'02", long 87°30'22", in NW¹/₄ sec. 32, T. 20 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, at spillway of dam, 4 mi northeast of Northport, 5.5 mi northeast of Tuscaloosa.

DRAINAGE AREA.--416 mi².

PERIOD OF RECORD.--October 1982 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 229.96 ft, Dec. 3, 1983; minimum elevation, 219.49 ft, Nov. 6, 2000.

EXTREMES FOR CURRENT WATER YEAR.--Maximum elevation, 225.54 ft, Mar. 15; minimum elevation, 219.49 ft, Nov. 6.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	220.11	219.57	222.05	223.59	224.19	224.01	223.77	223.52	223.49	223.64	222.78	223.43
2	220.08	219.55	222.08	223.57	224.05	224.03	223.73	223.50	223.48	223.58	222.74	223.79
3	220.05	219.53	222.09	223.54	223.93	224.47	223.74	223.49	223.47	223.53	222.70	224.33
4	220.02	219.52	222.10	223.50	223.86	224.99	224.16	223.47	223.47	223.49	222.74	224.55
5	219.99	219.51	222.10	223.49	223.81	224.82	224.83	223.45	223.54	223.47	222.74	224.33
6	220.09	219.51	222.12	223.47	223.75	224.49	224.72	223.44	223.54	223.51	222.76	224.07
7	220.14	219.60	222.12	223.50	223.71	224.26	224.43	223.43	223.56	223.50	222.82	223.89
8	220.09	219.76	222.13	223.77	223.68	224.09	224.22	223.41	223.96	223.48	222.85	223.78
9	220.05	220.49	222.14	223.87	223.68	223.99	224.07	223.44	224.26	223.45	222.85	224.18
10	220.01	220.78	222.15	223.83	223.77	223.91	223.97	223.56	224.25	223.42	222.84	225.07
11	219.99	220.82	222.16	223.79	223.81	223.85	223.88	223.58	224.03	223.40	222.89	224.62
12	219.97	220.84	222.18	223.77	223.86	224.07	223.82	223.57	223.86	223.37	223.18	224.23
13	219.94	220.84	222.18	223.76	224.52	225.13	223.80	223.54	223.74	223.34	223.26	223.99
14	219.92	220.85	222.28	223.75	225.33	224.95	223.80	223.50	223.65	223.30	223.33	223.85
15	219.89	220.83	222.35	223.73	224.89	225.25	223.89	223.47	223.59	223.25	223.36	223.73
16	219.87	220.88	222.52	223.70	224.56	225.42	224.15	223.44	223.56	223.21	223.35	223.65
17	219.85	220.98	222.80	223.68	224.85	224.87	224.09	223.42	223.51	223.17	223.34	223.59
18	219.84	221.02	222.99	223.72	224.80	224.48	223.95	223.39	223.46	223.13	223.33	223.55
19	219.82	221.13	223.12	224.43	224.49	224.27	223.86	223.37	223.42	223.09	223.31	223.54
20	219.79	221.21	223.18	225.24	224.26	224.45	223.79	223.35	223.39	223.07	223.30	223.55
21	219.77	221.24	223.25	224.85	224.11	224.81	223.74	223.39	223.36	223.10	223.27	223.53
22	219.76	221.25	223.30	224.43	224.00	224.65	223.71	223.55	223.39	223.08	223.24	223.51
23	219.75	221.27	223.33	224.18	223.91	224.41	223.67	223.56	223.38	223.05	223.21	223.49
24	219.73	221.32	223.37	224.02	223.84	224.23	223.68	223.55	223.36	223.01	223.18	223.49
25	219.71	221.58	223.40	223.91	223.84	224.09	223.67	223.55	223.34	222.96	223.15	223.48
26	219.69	221.79	223.40	223.83	223.88	223.98	223.63	223.51	223.31	222.94	223.11	223.45
27	219.67	221.90	223.49	223.78	223.88	223.90	223.60	223.47	223.71	222.93	223.08	223.43
28	219.65	221.95	223.60	223.73	223.97	223.84	223.58	223.44	223.79	222.90	223.06	223.41
29	219.63	221.99	223.64	223.75	---	223.81	223.55	223.47	223.72	222.87	223.05	223.40
30	219.61	222.03	223.64	224.16	---	223.80	223.54	223.45	223.66	222.84	223.04	223.38
31	219.59	---	223.61	224.32	---	223.78	---	223.46	---	222.80	223.16	---
MEAN	219.87	220.78	222.74	223.89	224.12	224.36	223.90	223.48	223.61	223.22	223.07	223.81
MAX	220.14	222.03	223.64	225.24	225.33	225.42	224.83	223.58	224.26	223.64	223.36	225.07
MIN	219.59	219.51	222.05	223.47	223.68	223.78	223.54	223.35	223.31	222.80	222.70	223.38
CAL YR 2000		MEAN 222.47	MAX 227.79	MIN 219.51								
WTR YR 2001		MEAN 223.06	MAX 225.42	MIN 219.51								

MOBILE RIVER BASIN

02465000 BLACK WARRIOR RIVER AT OLIVER LOCK AND DAM AT NORTHPORT, AL
(Formerly published as Black Warrior River at Northport)

LOCATION.--Lat 33°12'33", long 87°35'24", in NW 1/4 sec. 21, T. 21 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, on upstream gulldewall of "new" Oliver Lock and Dam, 0.5 mi upstream from Mill Creek, 0.9 mi downstream from Illinois Central Gulf Railroad bridge, 1.7 mi downstream from Two Mile Creek, 5.9 mi downstream from North River, and at mile 125.9.

DRAINAGE AREA.--4,820 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1889 to September 1894 (gage heights only), October 1894 to December 1902, January 1903 to December 1905 (gage heights and discharge measurements only), August 1928 to current year. Monthly discharge only for period October to December 1894, published in WSP 1304.

REVISED RECORDS.--WSP 1002: 1940-43. WSP 1624: 1900. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is at sea level (levels by U.S. Army Corps of Engineers). Gage-height records from July 1, 1992 to September 30, 1999 are at a datum of 82.30 ft above sea level. Gage-height records published prior to July 1, 1991 are at datum 83.35 ft above sea level. See WSP 2106 for history of changes prior to Mar. 19, 1951. Mar. 20, 1951 to Feb. 13, 1974, water-stage recorder 0.35 mi upstream on pier of former bridge at 83.35 ft datum. Feb. 14, 1974, to Aug. 7, 1974, nonrecording gage at site 0.35 mi downstream at datum 1.08 ft lower. Aug. 8, 1974 to Sept. 30, 1991, water-stage recorder at loading dock of Alabama State Dock facility, 0.4 mi upstream at same datum. Subsequent to Apr. 19, 1944, auxiliary water-stage recorder, and Aug. 29, 1939, to Apr. 18, 1944, auxiliary nonrecording gage, 500 ft downstream from Oliver Lock and Dam at datum 1.08 ft lower.

REMARKS.--No estimated daily discharges. Water-discharge records fair except those below 6,000 ft³/s, which are poor. Some regulation by Lewis Smith Reservoir on Sipsey Fork (station 02451950), by Bankhead Lock and Dam on Black Warrior River, usable capacity, 112,000 acre-ft, and Holt Lock and Dam on Black Warrior River, usable capacity 115,000 acre-ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	659	293	1900	897	13400	15900	8240	2130	4970	1520	3440	9770
2	83	207	979	4280	12700	13300	6650	2400	5840	3490	3200	10400
3	84	221	783	3460	12600	25600	16000	1500	4930	4740	3640	49800
4	91	220	192	3340	13000	35200	95000	1880	8660	3560	938	63300
5	176	170	613	2390	8210	26300	100000	800	9940	5810	1600	30300
6	355	251	253	244	5290	19000	53900	202	8950	7590	4750	14500
7	223	175	1560	2710	5750	15500	31900	3190	11600	4630	7130	7160
8	233	265	203	11600	5920	14100	29000	4810	21300	4180	2480	9720
9	234	20600	626	8240	5440	13900	21800	3900	18900	3540	2780	7980
10	231	12300	308	5220	6030	13200	22700	2920	14100	2520	4810	19700
11	177	3440	1120	5330	6750	7230	16900	4840	15600	7220	6270	12200
12	130	606	1380	5160	11100	19800	18000	3760	9080	5480	3360	7000
13	143	1650	1270	3690	27200	45200	12000	3000	8420	5670	6680	7450
14	236	466	347	5280	27900	35500	11900	1000	8060	3300	5190	5530
15	175	292	2460	4870	18200	55300	16200	256	8500	867	4680	4860
16	207	1250	7690	6310	16400	47200	18100	282	2730	3010	4310	1740
17	214	1310	11700	3070	31700	31000	14300	244	811	3550	4730	2990
18	179	2500	11800	8640	25600	23400	13000	2320	3890	2350	761	5410
19	315	1140	3730	36000	22700	21900	12800	1170	4140	3060	548	5220
20	436	2450	4750	47600	19400	49300	10100	366	3770	3390	2570	7820
21	219	2570	6950	27200	14500	60700	9820	7620	2280	4380	3610	5290
22	132	1850	4890	14400	13300	48400	2710	3720	3010	2390	3590	4120
23	120	1370	1830	13900	15600	28500	7790	3640	457	2680	3800	309
24	180	3980	2750	7840	16900	22600	9830	3820	802	3310	3460	210
25	347	5730	1580	8630	14100	18800	5620	5730	2150	3220	485	401
26	219	6430	1690	6720	17300	20800	5000	2620	1040	4260	246	4780
27	262	4060	4420	5250	14000	17500	4140	1630	5810	3490	2540	4350
28	222	2670	3740	5390	15800	19100	1510	7260	4270	921	2650	3310
29	258	2750	3090	7780	---	17000	2230	8130	5800	236	1740	3890
30	210	1830	861	16100	---	13600	2320	8320	6340	2520	3370	890
31	151	---	2840	15300	---	9360	---	8150	---	2560	8020	---
TOTAL	6901	83046	88305	296841	416790	804190	579460	101610	206150	109444	107378	310400
MEAN	223	2768	2849	9576	14890	25940	19320	3278	6872	3530	3464	10350
MAX	659	20600	11800	47600	31700	60700	100000	8320	21300	7590	8020	63300
MIN	83	170	192	244	5290	7230	1510	202	457	236	246	210
CFSM	.05	.57	.59	1.99	3.09	5.38	4.01	.68	1.43	.73	.72	2.15
IN.	.05	.64	.68	2.29	3.22	6.21	4.47	.78	1.59	.84	.83	2.40

MOBILE RIVER BASIN

02465000 BLACK WARRIOR RIVER AT OLIVER LOCK AND DAM AT NORTHPORT, AL--Continued
(Formerly published as Black Warrior River at Northport)

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1895 - 2001, BY WATER YEAR (WY)

MEAN	2147	4084	8263	14770	16760	18930	13800	6562	3670	3366	2386	2106
MAX	17330	39740	35810	39310	44360	52890	52940	28520	30320	22680	8603	10350
(WY)	1933	1930	1933	1949	1990	1897	1900	1991	1900	1940	1941	2001
MIN	93.4	115	858	1154	3232	3626	1236	1010	303	288	361	139
(WY)	1898	1898	1944	1956	2000	1898	1986	1941	1898	1952	1953	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1895 - 2001

ANNUAL TOTAL	2217694		3110515									
ANNUAL MEAN	6059		8522							7948		
HIGHEST ANNUAL MEAN										13140		1949
LOWEST ANNUAL MEAN										3305		1988
HIGHEST DAILY MEAN	167000	Apr 3	100000	Apr 5	233000	Apr 13 1979						
LOWEST DAILY MEAN	83	Oct 2	83	Oct 2	20	Oct 16 1987						
ANNUAL SEVEN-DAY MINIMUM	178	Oct 2	178	Oct 2	46	Jul 23 1952						
MAXIMUM PEAK FLOW			124000	Apr 5	272000	Apr 13 1979						
MAXIMUM PEAK STAGE			135.38	Apr 5	151.05	Apr 18 1900						
ANNUAL RUNOFF (CFSM)	1.26		1.77		1.65							
ANNUAL RUNOFF (INCHES)	17.12		24.01		22.40							
10 PERCENT EXCEEDS	11000		20100		19000							
50 PERCENT EXCEEDS	1980		4280		3330							
90 PERCENT EXCEEDS	227		245		470							

MOBILE RIVER BASIN

02465000 BLACK WARRIOR RIVER AT OLIVER LOCK AND DAM AT NORTHPORT, AL--Continued
(Formerly published as Black Warrior River at Northport)

WATER-QUALITY RECORDS

SUSPENDED SEDIMENT PERIOD OF RECORD.--Water years 1979-81, 1983-91, 1999-2001.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
APR					
04...	1115	16.0	93600	116	29300
04...	1125	32.0	94700	126	32200
04...	1140	48.0	95600	126	32500
04...	1150	64.0	95600	113	29200
04...	1155	80.0	95600	103	26600
04...	1640	16.0	106000	112	32100
04...	1650	32.0	107000	109	31500
04...	1655	48.0	107000	112	32400
04...	1705	64.0	107000	116	33500
04...	1710	80.0	108000	101	29500
05...	0930	16.0	118000	106	33800
05...	0935	32.0	118000	129	41100
05...	0940	48.0	118000	124	39500
05...	0950	64.0	118000	127	40500
05...	0955	80.0	118000	136	43300
06...	1100	16.0	48000	171	22200
06...	1125	32.0	46000	169	21000
06...	1130	48.0	45700	184	22700
06...	1135	64.0	45300	189	23100
06...	1140	80.0	44800	193	23300

MOBILE RIVER BASIN

02465005 BLACK WARRIOR RIVER BELOW OLIVER LOCK AND DAM AT TUSCALOOSA, AL

LOCATION.--Lat 33°12'28", long 87°35'36", in NW¹/₄ sec. 21, T. 21 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, on downstream side of Oliver Lock and Dam at Tuscaloosa, 0.4 mi upstream from Mill Creek, 1.0 mi downstream from Illinois Central Gulf Railroad bridge, and at mile 125.8.

DRAINAGE AREA.--4,821 mi².

PERIOD OF RECORD.--August 1939 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. August 1939 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is at sea level (levels by U.S. Army Corps of Engineers). Gage-height records published prior to October 1, 1999 are at datum 82.30 ft above sea level. April 19, 1944 to June 19, 1991, water-stage recorder 0.3 mi upstream on downstream side of "old" Oliver Lock and Dam at former datum. Prior to April 19, 1944, nonrecording gage at former site at former datum.

EXTREMES (0700) FOR PERIOD OF RECORD.--Maximum gage height, 149.00 ft, Feb. 22, 1961; minimum gage height, 92.30 ft, many days in October and November 1953, September 1954 and 1955.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 131.71 ft, Apr. 5; minimum, 94.49 ft, Oct. 12.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	95.97	94.72	96.28	96.26	103.90	105.59	100.24	96.29	97.63	96.84	96.66	100.28
2	95.52	94.70	96.25	96.93	103.54	103.92	99.53	96.62	98.42	96.59	96.62	100.99
3	95.32	94.69	95.84	97.00	103.05	108.22	101.19	96.01	97.14	97.15	96.75	114.03
4	95.13	94.69	95.64	96.77	103.40	113.87	126.60	96.12	99.44	97.74	96.10	125.98
5	95.04	94.64	95.82	96.50	101.14	112.23	130.58	96.02	100.83	98.00	95.93	118.19
6	95.11	94.66	95.86	95.78	98.90	109.02	125.38	95.66	100.67	98.81	97.04	109.82
7	95.05	94.67	96.26	96.43	98.28	105.93	118.93	96.50	101.90	97.30	98.48	103.04
8	94.95	94.86	95.72	101.20	98.12	104.39	115.00	97.51	105.87	96.96	96.66	101.14
9	94.89	103.77	95.91	100.39	98.20	104.14	111.45	97.14	107.10	96.66	96.58	100.17
10	94.82	104.08	95.95	98.88	98.27	103.57	109.68	97.07	104.82	96.38	97.09	105.41
11	94.69	98.85	96.13	98.18	98.86	100.87	107.23	97.57	104.59	98.42	98.31	104.15
12	94.55	96.04	96.14	97.90	100.92	103.31	106.57	97.44	101.91	97.85	97.47	99.91
13	94.57	96.32	96.07	97.38	107.59	116.39	104.29	96.82	100.44	97.74	98.15	99.47
14	94.64	95.85	95.84	97.87	111.62	116.02	103.09	96.37	99.94	96.85	97.70	98.51
15	94.70	95.91	96.57	97.36	107.89	120.60	104.08	95.81	99.83	95.93	97.50	97.78
16	94.73	96.12	98.08	98.30	105.92	121.37	106.49	95.73	97.52	96.43	97.23	96.47
17	94.78	96.17	102.47	96.95	110.99	116.64	104.51	95.66	96.12	96.79	97.44	96.48
18	94.77	96.49	102.38	99.33	111.18	112.22	103.85	96.01	96.93	96.22	95.90	97.78
19	94.88	96.51	98.56	109.09	109.74	109.28	103.50	96.36	97.29	96.41	95.77	97.71
20	95.10	96.71	98.06	119.30	107.33	116.10	101.85	95.72	97.12	96.69	96.17	99.12
21	95.06	96.72	98.69	114.14	105.70	123.76	101.72	98.75	96.56	96.98	96.77	98.24
22	94.94	96.10	97.74	107.77	103.83	122.33	97.63	97.17	96.54	96.43	96.80	98.17
23	94.84	96.45	96.75	105.08	104.79	116.05	98.71	97.00	95.87	96.33	96.94	95.81
24	94.77	96.86	96.65	101.78	105.58	111.99	100.84	97.09	95.97	96.57	96.87	95.72
25	94.80	98.17	96.08	100.28	104.16	108.57	99.39	97.98	96.28	96.75	95.95	95.74
26	94.82	99.02	96.05	99.36	105.29	107.70	97.24	96.80	95.97	97.06	95.66	97.07
27	94.81	97.59	97.37	98.74	104.09	107.04	97.67	96.18	97.81	96.83	96.15	97.43
28	94.80	97.04	97.44	97.95	104.80	106.66	96.86	98.15	97.41	96.03	96.28	96.84
29	94.81	96.80	97.19	99.07	---	106.07	96.27	99.79	97.73	95.75	95.97	96.96
30	94.78	96.51	96.12	103.89	---	104.58	96.42	99.77	98.05	96.26	96.60	96.22
31	94.72	---	96.53	104.88	---	102.19	---	99.72	---	96.42	98.45	---
MEAN	94.91	96.72	96.98	100.67	104.18	110.34	105.56	96.99	99.12	96.88	96.84	101.15
MAX	95.97	104.08	102.47	119.30	111.62	123.76	130.58	99.79	107.10	98.81	98.48	125.98
MIN	94.55	94.64	95.64	95.78	98.12	100.87	96.27	95.66	95.87	95.75	95.66	95.72
CAL YR 2000	MEAN 98.26		MAX 140.05		MIN 94.55							
WTR YR 2001	MEAN 99.99		MAX 130.58		MIN 94.55							

MOBILE RIVER BASIN

02465493 ELLIOTTS CREEK AT MOUNDVILLE, AL

LOCATION.--Lat 32°59'50", long 87°37'20", in SW¹/₄ sec. 6, T. 23 N., R. 5 E., Hale County, Hydrologic Unit 03160113, on downstream side of bridge on State Highway 69 at Moundville, 2.5 mi upstream from Southern Railway bridge, and 6.6 mi upstream from mouth.

DRAINAGE AREA.--32.3 mi².

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

REVISED RECORDS.--WDR AL-84-1: Drainage area. WDR AL-00-1: 1999.

GAGE.--Water-stage recorder. Datum of gage is 147.81 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	17	20	27	50	60	45	20	45	16	20	33
2	11	17	20	25	40	72	39	20	51	19	16	46
3	11	18	19	23	35	176	36	19	32	23	14	131
4	11	18	19	23	33	209	67	18	68	22	15	277
5	11	20	19	23	31	138	119	18	122	27	16	109
6	19	21	19	23	30	78	87	18	89	34	20	59
7	27	30	19	29	29	62	57	19	68	23	28	55
8	18	78	19	71	28	52	48	18	122	19	25	49
9	13	143	19	59	31	48	43	28	174	17	21	35
10	13	75	19	35	51	46	40	44	83	17	21	29
11	13	30	19	31	47	41	37	36	49	19	42	25
12	13	21	19	32	46	51	34	27	39	16	49	23
13	12	19	20	31	58	85	33	27	33	15	27	20
14	12	18	34	29	49	65	35	22	28	15	21	19
15	13	17	33	28	40	162	34	19	27	14	18	18
16	13	20	50	28	55	153	31	18	27	14	16	17
17	13	31	68	35	99	76	29	17	25	13	16	17
18	13	30	39	49	88	56	26	17	22	13	18	20
19	13	64	29	122	50	57	25	18	19	13	17	22
20	14	62	24	153	43	137	25	21	18	13	16	21
21	14	33	25	85	40	174	24	23	17	14	16	20
22	14	24	28	54	38	106	24	32	18	14	14	18
23	14	21	25	45	35	70	23	37	22	14	14	17
24	14	30	24	40	32	59	29	27	26	13	14	18
25	15	66	22	37	49	54	31	23	20	13	13	18
26	15	47	21	34	58	48	27	22	17	13	13	17
27	16	30	28	32	43	42	24	20	17	15	13	16
28	16	24	60	31	64	39	22	18	19	14	13	16
29	17	22	69	43	---	39	21	19	18	13	15	16
30	17	21	45	111	---	45	20	18	17	13	19	15
31	17	---	31	94	---	52	---	28	---	16	29	---
TOTAL	443	1067	905	1482	1292	2552	1135	711	1332	514	609	1196
MEAN	14.3	35.6	29.2	47.8	46.1	82.3	37.8	22.9	44.4	16.6	19.6	39.9
MAX	27	143	69	153	99	209	119	44	174	34	49	277
MIN	11	17	19	23	28	39	20	17	17	13	13	15
CFSM	.44	1.10	.90	1.48	1.43	2.55	1.17	.71	1.37	.51	.61	1.23
IN.	.51	1.23	1.04	1.71	1.49	2.94	1.31	.82	1.53	.59	.70	1.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2001, BY WATER YEAR (WY)

	MEAN	27.3	34.5	42.4	60.5	70.5	72.4	61.7	35.9	27.4	25.5	19.3	21.9
MAX	55.0	53.7	87.4	118	256	169	177	114	52.3	65.5	29.3	40.8	
(WY)	1999	1980	1984	1998	1990	1977	1979	1983	1999	1997	1985	1977	
MIN	14.3	18.7	20.9	25.7	22.0	20.1	19.4	12.8	7.39	11.8	8.07	11.6	
(WY)	2001	1979	1988	1988	1988	1988	1986	1988	1988	2000	1988	2000	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1977 - 2001	
ANNUAL TOTAL	10054.8		13238		41.5	
ANNUAL MEAN	27.5		36.3		69.3	
HIGHEST ANNUAL MEAN					16.8	
LOWEST ANNUAL MEAN					2670	
HIGHEST DAILY MEAN	415	Apr 4	277	Sep 4	5.8	Feb 16 1990
LOWEST DAILY MEAN	9.1	Aug 26	11	Oct 1-5	6.3	Aug 16 1988
ANNUAL SEVEN-DAY MINIMUM	9.3	Aug 21	13	Oct 9	6.3	Aug 14 1988
MAXIMUM PEAK FLOW			428	Sep 4	6200	Feb 16 1990
MAXIMUM PEAK STAGE			6.21	Sep 4	8.80	Feb 16 1990
ANNUAL RUNOFF (CFSM)	.85		1.12		1.28	
ANNUAL RUNOFF (INCHES)	11.58		15.25		17.44	
10 PERCENT EXCEEDS	45		68		74	
50 PERCENT EXCEEDS	19		25		27	
90 PERCENT EXCEEDS	11		14		14	

MOBILE RIVER BASIN

02466030 BLACK WARRIOR RIVER AT SELDEN LOCK AND DAM NEAR EUTAW, AL

LOCATION.—Lat 32°46'40", long 87°50'26", in SE¹/₄ sec. 24, T. 21 N., R. 2 E., Hale County, Hydrologic Unit 03160113, on left bank at dam, 1.2 mi upstream from White Creek, 5.0 mi southeast of Eutaw, and at mile 49.6.

DRAINAGE AREA.—5,810 mi².

PERIOD OF RECORD.—October 1976 to current year. Prior to October 1984, published as Black Warrior River at Warrior Lock and Dam, near Eutaw. Prior to October 1998, published at gage datum 50.00 ft above sea level.

REVISED RECORDS.—WDR AL-84-1: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is at sea level (levels by U.S. Army Corps of Engineers).

REMARKS.—Estimated daily discharges: Jan. 20-23, 26-31, Feb. 24-26, Apr. 5-9. Records fair. Some regulation by Lewis Smith Reservoir on Sipsey Fork (station 02451950), by Bankhead Lock and Dam on Black Warrior River, usable capacity, 112,000 acre-ft, Holt Lock and Dam on Black Warrior River, usable capacity, 115,000 acre-ft, and lock and dam at gage.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2790	710	2420	3660	17400	19700	10300	2740	9100	5780	2680	8220
2	998	662	2860	3390	16100	18700	9630	3000	6690	2070	3260	9570
3	994	677	1820	4650	14000	23500	9090	2790	4520	4140	3390	18000
4	1000	710	898	4010	13900	34200	33600	1600	6940	4580	3300	41100
5	1000	661	833	3720	12400	38800	e76900	2560	10200	6140	772	45000
6	937	693	836	1270	8620	32800	e83900	1370	12400	6850	4300	34600
7	1100	678	1900	1980	6380	23800	e56300	1130	12700	6170	6260	20000
8	1000	664	1430	9440	6380	19100	e44000	5010	18000	3840	4110	10600
9	982	7930	771	11200	6580	17200	e36200	3950	24300	3130	2870	8890
10	964	18100	1160	9000	6800	16000	30100	4770	21100	3350	3280	11800
11	1060	10500	1330	7020	7490	13400	25100	4900	18400	5810	6580	14800
12	624	2440	2090	6150	9150	10700	21700	5910	15500	4700	6410	10000
13	433	2150	2080	5310	15600	28600	19200	4050	10200	5180	5550	8030
14	417	1420	1840	5650	30100	40800	15400	3210	9300	4520	4810	7320
15	483	843	2450	4900	24700	43500	14500	1300	8360	2420	4210	6100
16	467	1570	3650	6250	20300	51500	19400	1010	6880	1180	3190	4430
17	436	2260	12700	5310	25800	52100	17700	1080	3170	3270	4350	1450
18	501	2360	13200	7250	32000	38600	15900	1120	3300	2810	3650	4990
19	453	4510	9170	16500	30500	30400	14900	2670	3870	2270	1810	5370
20	619	4040	6150	e36100	25100	30200	13200	1130	4010	2780	1010	6980
21	701	3570	5750	e40200	21700	46500	11400	5620	3730	3640	2820	7280
22	798	1930	5770	e32800	14200	56200	6760	4290	3770	3080	2900	6510
23	665	3380	4100	e23800	14300	53300	5630	4310	2000	2320	3080	1730
24	696	2540	4120	16000	e17900	38200	9640	3860	1480	2430	3060	1050
25	615	6130	1990	10500	e16600	18700	9490	4380	2870	3250	2060	952
26	729	8050	1480	e8690	e18800	22800	4230	3830	2300	3500	832	2010
27	647	5670	4730	e7330	18100	24000	5730	2020	3630	4040	814	4890
28	811	4450	6190	e7030	18100	20800	4790	3550	5700	2600	2230	3910
29	680	3110	5610	e9000	---	20700	2050	7780	4340	758	1900	3580
30	663	3410	4120	e12900	---	18600	3500	6810	6280	1040	2070	3150
31	744	---	2790	e17900	---	14800	---	7770	---	2280	5850	---
TOTAL	25007	105818	116238	338910	469000	918200	630240	109520	245040	109928	103408	312312
MEAN	807	3527	3750	10930	16750	29620	21010	3533	8168	3546	3336	10410
MAX	2790	18100	13200	40200	32000	56200	83900	7780	24300	6850	6580	45000
MIN	417	661	771	1270	6380	10700	2050	1010	1480	758	772	952
CFSM	.14	.61	.65	1.88	2.88	5.10	3.62	.61	1.41	.61	.57	1.79
IN.	.16	.68	.74	2.17	3.00	5.88	4.04	.70	1.57	.70	.66	2.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2001, BY WATER YEAR (WY)

	MEAN	3324	5682	9969	16340	17660	21220	17270	8698	5764	4854	3261	3389
MAX	14570	15810	32860	33170	53820	58420	53430	39410	24990	19450	6184	10410	
(WY)	1978	1978	1984	1998	1990	1980	1979	1991	1997	1989	1985	2001	
MIN	576	924	2483	3101	4498	4289	1760	1407	1520	1854	1802	1654	
(WY)	1988	1982	2000	1981	2000	1988	1986	1988	1988	2000	2000	1984	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1977 - 2001
ANNUAL TOTAL	2439117	3483621	
ANNUAL MEAN	6664	9544	9746
HIGHEST ANNUAL MEAN			14990
LOWEST ANNUAL MEAN			3644
HIGHEST DAILY MEAN	106000	83900	222000
LOWEST DAILY MEAN	417	417	317
ANNUAL SEVEN-DAY MINIMUM	456	456	456
MAXIMUM PEAK FLOW		93000	222000
MAXIMUM PEAK STAGE		98.00	108.87
ANNUAL RUNOFF (CFSM)	1.15	1.64	1.68
ANNUAL RUNOFF (INCHES)	15.62	22.30	22.79
10 PERCENT EXCEEDS	12500	24100	22800
50 PERCENT EXCEEDS	2520	4730	5060
90 PERCENT EXCEEDS	934	876	1100

e Estimated

MOBILE RIVER BASIN

02467000 TOMBIGBEE RIVER AT DEMOPOLIS LOCK AND DAM NEAR COATOPA, AL

LOCATION.--Lat 32°31'15", long 87°52'39", in NW¹/₄ sec. 22, T. 18 N., R. 2 E., Marengo County, Hydrologic Unit 03160201, on left bank 100 ft upstream from lock and dam, 0.5 mi downstream from Foscue Creek, 2.5 mi west of Demopolis, 3.5 mi upstream from Hall Creek, 13 mi east of Coatopa, and at mile 171.2.

DRAINAGE AREA.--15,385 mi².

PERIOD OF RECORD.--August 1928 to current year. Published as "near Coatopa" 1928-55.

REVISED RECORDS.--WSP 782: 1934. WSP 952: 1941. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is at sea level (levels by U.S. Army Corps of Engineers). Gage-height records published prior to Oct. 1, 1997 are at datum 56.00 ft above sea level. Prior to Oct. 31, 1939, nonrecording gage, and Nov. 1, 1939, to Sept. 30, 1955, water-stage recorder at site 11.6 mi downstream at datum 26.70 ft lower.

REMARKS.--Estimated daily discharges: Sept. 6-10. Records good except those below 2,000 ft³/s, which are poor. Some regulation by Lewis Smith Reservoir on Sipsey Fork (station 02551950), Bankhead Lock and Dam on Black Warrior River, usable capacity, 112,000 acre-ft, Holt Lock and Dam on Black Warrior River, usable capacity, 115,000 acre-ft, and lock at gage. Diversion through lock valves included in figures of discharge. Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2220	1110	5820	10700	44700	62300	26500	6680	19000	10900	4080	14100
2	1690	973	5910	9040	38300	65000	22200	6660	18600	8050	3760	23400
3	1200	1210	5220	7050	32300	80100	20200	6540	15300	7890	3330	47000
4	1080	949	3160	7590	27300	103000	42000	5070	14100	9180	3570	66300
5	1180	1170	3260	7830	25700	109000	92700	4480	27200	12500	2500	70900
6	1420	1150	3620	6060	20500	101000	120000	5340	39000	12200	4390	e65000
7	1480	1230	2290	4320	16800	80000	129000	3700	32700	13300	5100	e55000
8	1390	2360	3730	19100	13800	59600	128000	5010	51000	7420	6290	e38000
9	1250	8970	2680	25300	13900	45900	114000	7470	68400	6690	3700	e23000
10	1120	26500	2200	21600	19600	38600	84900	8160	68100	6100	9110	e20000
11	1140	21300	2980	15900	20800	35100	59800	7760	62200	5580	11000	23800
12	1170	11000	3290	16000	21200	29300	47300	12700	51900	6750	12300	20900
13	940	5900	3770	15100	37400	54700	40500	9180	33900	7300	10700	14700
14	798	5600	7350	12400	67800	82600	42100	7810	24500	6780	15800	13300
15	834	2300	11300	14500	87800	98200	39100	4500	20200	4380	11300	10000
16	776	2910	12600	11900	86300	116000	44700	5180	18200	2210	7860	7820
17	849	4810	33600	14500	91100	123000	46900	3740	12100	3090	7110	5730
18	822	4370	42200	14600	103000	116000	42200	4420	8250	3900	6170	5900
19	738	7500	31800	43200	108000	97600	39300	4580	9580	3240	4640	8120
20	849	7070	23000	90300	98600	77900	32200	3830	7740	3110	2670	15300
21	1080	5570	23400	118000	85100	82600	23400	5930	6630	3580	3820	13100
22	1060	5350	18300	125000	68800	98000	20800	12200	8280	3790	4010	10100
23	1060	4950	12400	118000	51600	98800	12700	10900	5740	3190	4340	6430
24	993	5190	9000	97500	42500	92000	18600	9640	4580	3270	4420	4830
25	1060	22100	7460	63100	40800	77300	23100	8690	3740	3110	3850	3450
26	1100	32200	6350	36800	45300	56200	16500	8900	4080	3410	2000	3460
27	1130	22300	11100	25800	44100	43700	14900	6490	4790	4140	1540	5570
28	1210	15400	26100	19700	48700	37700	11800	4870	8750	3510	2820	6050
29	1040	9480	28300	19300	---	35300	9090	12100	6020	1940	3480	4990
30	1120	9740	20600	36600	---	32800	9160	13500	9660	1650	5490	5230
31	1130	---	10400	49300	---	29200	---	13400	---	3120	7900	---
TOTAL	34929	250662	383190	1076090	1401800	2258500	1373650	229430	664240	175280	179050	611480
MEAN	1127	8355	12360	34710	50060	72850	45790	7401	22140	5654	5776	20380
MAX	2220	32200	42200	125000	108000	123000	129000	13500	68400	13300	15800	70900
MIN	738	949	2200	4320	13800	29200	9090	3700	3740	1650	1540	3450
CFSM	.07	.54	.80	2.26	3.25	4.74	2.98	.48	1.44	.37	.38	1.32
IN.	.08	.61	.93	2.60	3.39	5.46	3.32	.55	1.61	.42	.43	1.48

MOBILE RIVER BASIN

02467000 TOMBIGBEE RIVER AT DEMOPOLIS LOCK AND DAM NEAR COATOPA, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2001, BY WATER YEAR (WY)

MEAN	5903	11380	25030	41940	47930	52810	45090	23230	11520	9764	6010	5642
MAX	52420	77380	94200	111800	133200	117200	125700	138300	66540	65730	19270	32340
(WY)	1933	1930	1962	1949	1990	1980	1979	1991	1997	1940	1967	1950
MIN	804	1499	2992	3296	10600	12810	4772	3714	1838	1414	763	800
(WY)	1956	1932	1944	1956	2000	1988	1986	1988	1941	1954	1954	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1928 - 2001	
ANNUAL TOTAL	5135200		8638301			
ANNUAL MEAN	14030		23670		23730	
HIGHEST ANNUAL MEAN					46570	
LOWEST ANNUAL MEAN					9055	
HIGHEST DAILY MEAN	221000	Apr 9	129000	Apr 7	338000	Apr 18 1979
LOWEST DAILY MEAN	738	Oct 19	738	Oct 19	*50	Aug 1 1954
ANNUAL SEVEN-DAY MINIMUM	809	Oct 14	809	Oct 14	* 51	Jul 31 1954
MAXIMUM PEAK FLOW			131000	Apr 7	343000	Apr 18 1979
MAXIMUM PEAK STAGE			80.49	Apr 7	93.03	Apr 18 1979
ANNUAL RUNOFF (CFSM)	.91		1.54		1.54	
ANNUAL RUNOFF (INCHES)	12.42		20.89		20.96	
10 PERCENT EXCEEDS	27100		69600		66600	
50 PERCENT EXCEEDS	4360		10000		10100	
90 PERCENT EXCEEDS	1160		1520		2260	

* Results of closure of and storage above Demopolis Lock and Dam during construction.

e Estimated

MOBILE RIVER BASIN

02467001 TOMBIGBEE RIVER BELOW DEMOPOLIS LOCK AND DAM NEAR COATOPA, AL

LOCATION.--Lat 32°31'15", long 87°52'48", in NW¹/₄ sec. 22, T. 18 N., R. 2 E., Marengo County, Hydrologic Unit 03160201, on left bank at downstream end of lock and dam, 0.6 mi downstream from Foscue Creek, 2.5 mi west of Demopolis, 3.4 mi upstream from Hall Creek, 13 mi east of Coatopa, and at mile 171.1.

DRAINAGE AREA.--15,385 mi².

PERIOD OF RECORD.--July 1951 to September 1983, October 1984 to current year (gage heights only). October 1971 to September 1983, October 1984 to current year in reports of Geological Survey. July 1951 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORDS.--WDR AL-85-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is at sea level. Records prior to Oct. 1, 1997 published at datum 20.00 ft above sea level. Prior to Oct. 20, 1992, nonrecording gage at same site and at datum 20.00 ft above sea level.

REMARKS.--Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 92.3 ft, Apr. 19, 1979; minimum, 30.9 ft, Oct. 4, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 71.53 ft, Apr. 8; minimum, 31.66 ft, Oct. 12.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.17	33.13	33.94	36.43	49.96	54.24	43.23	34.59	38.84	35.65	33.36	36.83
2	33.19	33.04	33.82	35.44	47.66	56.48	41.44	34.53	38.99	35.04	33.29	39.92
3	32.96	33.09	33.62	34.56	45.49	61.35	40.63	34.37	38.55	34.75	33.21	48.10
4	33.01	33.05	32.94	34.58	43.30	67.40	46.01	33.84	37.21	35.15	33.21	55.44
5	33.06	33.02	33.06	34.76	42.53	69.66	60.41	33.52	40.84	36.34	33.00	57.54
6	33.13	33.09	33.12	34.15	40.74	68.84	67.89	33.75	45.83	36.90	33.45	57.26
7	32.89	33.12	32.78	33.46	38.97	65.64	70.63	33.45	45.02	36.88	33.76	54.51
8	32.86	33.37	33.16	37.72	37.92	60.96	71.41	33.61	49.14	35.30	34.32	47.91
9	32.96	34.70	32.86	41.62	37.58	55.41	70.22	34.71	55.13	34.50	33.38	42.11
10	32.97	40.56	32.79	40.74	39.30	50.49	66.10	34.84	56.70	34.12	34.84	40.40
11	33.03	40.29	33.11	38.67	40.64	47.34	60.11	34.77	55.49	33.87	35.98	41.21
12	32.89	37.36	32.93	38.28	40.49	45.09	54.42	36.47	52.98	34.38	36.43	41.04
13	32.94	33.81	33.17	37.86	44.58	51.71	49.81	35.51	47.50	34.50	35.95	38.37
14	32.93	33.71	34.04	36.94	52.79	59.72	48.31	35.05	42.78	34.53	37.42	37.24
15	32.93	32.90	35.67	37.22	58.85	63.81	47.45	33.79	40.37	33.56	36.69	36.05
16	32.95	33.16	36.07	36.57	60.26	67.95	48.17	34.10	39.26	32.92	35.20	35.18
17	32.96	33.52	42.26	37.46	62.16	69.91	49.73	33.60	37.27	33.13	34.57	34.12
18	32.94	33.32	46.58	37.48	64.64	69.48	48.47	33.92	35.39	33.40	34.30	33.94
19	32.88	34.13	44.50	45.00	66.00	67.03	47.40	33.82	35.53	33.17	33.73	34.74
20	32.92	34.58	41.29	57.49	64.81	63.21	45.45	33.75	34.87	33.17	33.12	37.21
21	32.90	33.79	40.73	64.66	62.39	62.20	42.15	34.16	34.49	33.31	33.32	37.15
22	32.97	33.72	39.34	67.79	59.27	64.14	40.72	36.41	34.85	33.31	33.48	35.89
23	33.00	33.54	37.10	67.88	54.29	64.65	37.67	36.48	34.19	33.09	33.41	34.59
24	32.98	33.55	35.14	65.29	50.15	63.67	38.68	35.71	33.58	33.22	33.51	33.61
25	33.07	38.53	34.67	59.34	48.83	61.20	40.55	35.37	33.22	33.25	33.37	33.21
26	33.06	43.18	34.17	50.95	50.84	56.38	39.47	35.50	33.39	33.35	32.92	33.20
27	32.95	41.07	35.07	44.34	50.64	51.15	37.84	34.47	33.48	33.40	32.93	33.75
28	33.01	38.17	41.64	41.00	50.24	47.85	36.91	33.84	35.00	33.26	33.24	33.87
29	33.01	35.82	44.42	39.82	---	46.13	35.84	35.75	34.09	32.84	33.29	33.58
30	33.06	35.47	42.21	45.00	---	45.23	35.33	37.17	35.07	32.82	34.00	33.60
31	33.10	---	37.54	50.36	---	44.37	---	36.85	---	33.19	34.54	---
MEAN	32.99	35.13	36.57	43.96	50.19	58.80	48.75	34.76	40.30	34.07	34.10	39.72
MAX	33.19	43.18	46.58	67.88	66.00	69.91	71.41	37.17	56.70	36.90	37.42	57.54
MIN	32.86	32.90	32.78	33.46	37.58	44.37	35.33	33.45	33.22	32.82	32.92	33.20
CAL YR 2000		MEAN 36.93	MAX 81.09	MIN 32.78								
WTR YR 2001		MEAN 40.70	MAX 71.41	MIN 32.78								

MOBILE RIVER BASIN

02467500 SUCARNOOCHEE RIVER AT LIVINGSTON, AL

LOCATION.--Lat 32°34'25", long 88°11'36", in SW¹/₄ sec. 33, T. 19 N., R. 2 W., Sumter County, Hydrologic Unit 03160202, on right bank 10 ft downstream from bridge on U.S. Highway 11, 500 ft upstream from Southern Railway bridge, 0.8 mi southwest of Livingston, and 9 mi upstream from Alamuchee Creek.

DRAINAGE AREA.--607 mi².

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 90.04 ft above sea level. Prior to Jan. 12, 1939, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	63	135	416	1130	2020	695	249	762	154	109	617
2	55	64	125	324	704	2960	601	234	709	152	102	1700
3	55	64	116	275	553	4410	537	224	397	152	135	3250
4	55	66	113	242	474	5880	2240	217	311	152	141	3040
5	55	70	111	222	425	6200	3750	208	877	188	120	2790
6	59	71	109	209	390	5850	4270	200	1410	230	114	2260
7	62	76	109	228	358	5320	4640	195	1080	261	123	924
8	71	89	109	874	333	3570	4790	192	1940	211	116	725
9	110	110	110	1070	330	1310	3690	206	1980	181	114	1370
10	103	170	109	768	533	1080	1310	296	1140	153	130	1420
11	79	251	109	504	660	1020	792	417	807	143	166	1160
12	70	188	106	486	615	945	658	280	600	137	268	591
13	68	132	109	479	566	1200	572	251	501	132	211	429
14	68	106	114	425	578	1290	532	339	396	126	284	345
15	68	93	121	393	544	3220	539	262	323	124	219	294
16	66	92	168	392	994	3390	544	216	278	122	170	259
17	66	94	168	517	2190	3440	551	194	244	120	140	233
18	65	107	184	794	2080	3320	495	179	218	114	123	218
19	65	158	187	2660	1520	2050	429	169	196	110	139	296
20	64	253	158	3180	852	1450	390	161	181	105	130	455
21	64	308	145	3150	704	1840	365	157	175	104	124	392
22	64	222	136	2710	1160	1590	342	163	203	103	114	319
23	65	159	141	1190	1070	1130	324	197	346	115	109	247
24	65	166	146	676	769	861	324	250	374	138	103	212
25	66	212	139	561	622	846	341	229	266	125	96	192
26	63	453	132	483	596	874	380	199	215	113	91	181
27	62	417	753	427	682	767	342	187	189	107	88	170
28	64	247	1820	388	1660	634	308	169	172	112	87	160
29	64	183	2400	638	---	583	280	160	167	116	275	152
30	64	151	1680	1740	---	615	261	170	160	113	327	147
31	65	---	655	1670	---	711	---	277	---	108	466	---
TOTAL	2067	4835	10717	28091	23092	70376	35292	6847	16617	4321	4934	24548
MEAN	66.7	161	346	906	825	2270	1176	221	554	139	159	818
MAX	110	453	2400	3180	2190	6200	4790	417	1980	261	466	3250
MIN	55	63	106	209	330	583	261	157	160	103	87	147
CFSM	.11	.27	.57	1.49	1.36	3.74	1.94	.36	.91	.23	.26	1.35
IN.	.13	.30	.66	1.72	1.42	4.31	2.16	.42	1.02	.26	.30	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

	MEAN	230	435	803	1324	1675	1793	1553	785	419	407	273	237
MAX	840	2259	4077	4411	5406	4376	6244	4968	1608	2455	1240	1391	
(WY)	1976	1949	1962	1998	1990	1980	1979	1991	1997	1940	1946	1979	
MIN	62.7	86.8	143	175	222	414	218	139	90.2	75.8	68.1	55.1	
(WY)	1955	1955	1955	1956	2000	1967	1986	2000	1988	2000	1954	1954	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1939 - 2001
ANNUAL TOTAL	92504	231737	
ANNUAL MEAN	253	635	823
HIGHEST ANNUAL MEAN			1848
LOWEST ANNUAL MEAN			250
HIGHEST DAILY MEAN	4210	6200	55900
LOWEST DAILY MEAN	48	55	48
ANNUAL SEVEN-DAY MINIMUM	50	57	50
MAXIMUM PEAK FLOW		6350	62200
MAXIMUM PEAK STAGE		20.45	33.47
ANNUAL RUNOFF (CFSM)	.42	1.05	1.36
ANNUAL RUNOFF (INCHES)	5.67	14.20	18.43
10 PERCENT EXCEEDS	423	1690	2180
50 PERCENT EXCEEDS	126	244	337
90 PERCENT EXCEEDS	59	84	119

MOBILE RIVER BASIN

02469525 TOBIBGEE RIVER NEAR NANAFALIA, AL

LOCATION.--Lat 32°07'48", long 88°02'28", in NW¹/₄ sec. 2, T. 13 N., R. 1 W., Choctaw-Marengo County line, Hydrologic Unit 03160201, on right bank pier at bridge on State Highway 10, 4 mi west of Nanafalia, 11 mi east of Butler, and at mile 122.6.

DRAINAGE AREA.--17,487 mi².

PERIOD OF RECORD.--October 1956 to November 1986, May 1990 to current year (gage heights only). May 1990 to current year in reports of Geological Survey. October 1956 to November 1986 in files of U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is sea level.

REMARKS.--Gage is in upper reach of pool formed by Coffeetown Lock and Dam in August 1960. Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 66.78 ft, Mar. 2, 1961. Flood of Apr. 21, 1979 reached a gage height of approximately 67 ft. Minimum gage height (for period October 1956 to August 1960), 13.29 ft, Oct. 16, 1956; minimum gage height (for period after August 1960), 31.71 ft, Jan. 12, 1961.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of April 1900 reached a stage of approximately 69 ft. Flood of Feb. 23, 1990, reached a stage of 62.6 ft.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 55.87 ft, Mar. 5; minimum gage height, 32.45 ft, Oct. 20.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.72	32.74	32.81	33.45	40.15	41.90	36.23	32.92	34.18	33.15	32.80	33.45
2	32.76	32.70	32.81	33.09	38.80	44.69	35.38	32.99	34.16	33.13	32.80	34.13
3	32.66	32.70	32.76	32.92	37.51	49.11	35.04	32.94	34.32	33.04	32.84	37.18
4	32.71	32.74	32.63	32.93	36.21	53.50	36.67	32.82	33.56	32.96	32.76	42.08
5	32.72	32.68	32.72	33.01	35.71	55.48	45.32	32.76	34.32	33.27	32.75	44.31
6	32.72	32.71	32.72	32.91	34.97	55.65	51.15	32.85	36.27	33.57	32.87	44.75
7	32.63	32.71	32.61	32.75	34.18	54.59	53.54	32.82	36.85	33.43	32.84	43.60
8	32.62	32.85	32.76	33.53	33.89	52.20	54.68	32.89	37.87	33.17	33.10	40.06
9	32.68	32.80	32.60	34.99	33.69	48.10	55.15	33.17	41.87	32.95	32.79	36.04
10	32.67	34.16	32.68	34.82	34.16	43.03	54.39	33.04	44.36	32.92	33.14	34.95
11	32.72	34.38	32.80	34.09	34.91	39.30	51.60	33.06	44.08	32.85	33.30	34.96
12	32.67	33.63	32.66	33.89	34.74	38.39	46.88	33.43	42.71	33.01	33.41	35.24
13	32.68	32.78	32.80	33.71	35.75	42.31	41.66	33.15	39.63	32.99	33.22	34.10
14	32.66	32.73	32.88	33.51	39.38	46.68	38.99	33.25	36.37	33.03	33.53	33.70
15	32.64	32.64	33.11	33.46	43.83	49.31	38.31	32.98	34.92	32.81	33.51	33.37
16	32.64	32.80	33.25	33.31	46.17	52.10	38.09	33.22	34.36	32.73	33.18	33.18
17	32.63	32.77	34.62	33.63	47.79	53.63	39.30	33.14	33.89	32.82	33.03	32.94
18	32.63	32.76	36.92	33.63	49.42	54.29	38.93	33.22	33.21	32.88	32.92	32.90
19	32.59	32.83	36.52	35.55	50.52	53.96	38.20	33.18	33.36	32.78	32.96	33.11
20	32.58	33.04	35.09	42.15	50.78	52.44	37.43	33.20	33.17	32.85	32.76	33.56
21	32.60	32.81	34.61	47.58	49.77	50.59	35.84	33.25	32.99	32.88	32.88	33.57
22	32.65	32.86	34.23	50.64	48.00	50.15	35.02	33.59	33.11	32.85	32.82	33.28
23	32.65	32.80	33.57	52.02	44.76	50.50	33.96	33.72	32.95	32.76	32.82	33.02
24	32.68	32.78	33.01	51.81	41.01	50.32	34.00	33.45	32.84	32.88	32.89	32.91
25	32.76	33.73	32.91	49.40	39.83	49.39	34.64	33.37	32.73	32.84	32.85	32.77
26	32.74	35.42	32.89	43.68	41.55	46.89	34.61	33.38	32.90	32.88	32.71	32.84
27	32.59	35.04	32.92	37.76	41.37	42.57	33.68	33.13	32.86	32.82	32.81	32.87
28	32.63	33.86	35.10	35.40	39.86	39.31	33.58	33.02	33.24	32.79	32.89	32.90
29	32.68	33.23	37.28	34.50	---	37.72	33.22	33.37	32.88	32.67	32.85	32.79
30	32.70	33.12	36.24	36.41	---	37.18	33.06	33.80	33.04	32.70	32.99	32.91
31	32.73	---	34.04	39.81	---	36.99	---	33.73	---	32.82	33.00	---
MEAN	32.67	33.16	33.70	37.43	40.67	47.49	40.28	33.19	35.43	32.94	32.97	35.25
MAX	32.76	35.42	37.28	52.02	50.78	55.65	55.15	33.80	44.36	33.57	33.53	44.75
MIN	32.58	32.64	32.60	32.75	33.69	36.99	33.06	32.76	32.73	32.67	32.71	32.77

CAL YR 2000 MEAN 34.32 MAX 60.59 MIN 32.58
WTR YR 2001 MEAN 36.23 MAX 55.65 MIN 32.58

MOBILE RIVER BASIN

02469761 TOMBIGBEE RIVER AT COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL

LOCATION.--Lat 31°45'30", long 88°07'45", in NE¹/₄NE¹/₄ sec. 13, T. 9 N., R. 2 W., Choctaw County, Hydrologic Unit 03160203, near right bank at Coffeerville Lock and Dam, 2 mi west of Coffeerville, 4 mi downstream from Turkey Creek, and at mile 74.7.

DRAINAGE AREA.--18,417 mi².

PERIOD OF RECORD.--October 1960 to current year (water years 1961-67 published in 1977 annual report).

REVISED RECORDS.--WDR AL-84-1: Drainage area. WDR AL-90-1: 1987, 1989. WDR AL-94-1: 1993.

GAGE.--Water-stage recorder. Datum of gage is at sea level. Prior to October 1, 1993, water-stage recorder at same site at datum 14.00 ft lower.

REMARKS.--Estimated daily discharges: Apr. 3-11. Records fair. Some regulation by Lewis Smith Reservoir on Sipsey Fork (station 02451950), Bankhead Lock and Dam on Black Warrior River, usable capacity, 112,000 acre-ft, Holt Lock and Dam on Black Warrior River, usable capacity, 115,000 acre-ft, and lock and dam at gage. Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 1, 1874 reached a stage of 53.4 ft, discharge not determined, at site 0.5 mi downstream at present datum.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2480	1600	7990	14200	62100	62400	43900	11300	18900	12500	6190	15300
2	2870	1680	7350	12200	56400	82300	40200	8890	20800	12600	5660	21300
3	1470	1070	7840	10200	50800	88400	e38500	9060	22400	9450	4160	42300
4	1260	1700	3430	8460	44000	114000	e46500	8200	16900	11600	4650	63200
5	1370	1630	4830	9660	41000	123000	e80100	6660	20000	12400	4720	71900
6	2740	1490	4470	8030	37100	128000	e93800	5750	35100	17500	4340	73400
7	1980	2200	2920	5890	32100	130000	e101000	7600	38700	14900	7200	69900
8	1490	1930	4400	12400	29500	130000	e113000	3480	41500	14000	8420	54900
9	1460	7190	4100	27100	27300	114000	e119000	10700	60100	9410	6460	35300
10	1320	21500	2850	25100	30600	86900	e125000	10700	71500	7310	9490	26900
11	1580	24500	3500	21100	36300	60600	e122000	10300	71400	8350	14000	28200
12	1750	16400	3770	18400	34900	59600	110000	13300	68900	8660	15200	29100
13	1290	10600	5020	17600	39900	78500	78500	13300	52600	9120	14200	20200
14	1250	5780	7030	15500	55700	83700	48600	10200	33900	9630	16100	18000
15	1210	3340	12800	14600	73000	87600	43900	5350	26200	6570	16800	15200
16	1200	3490	13300	14200	82400	99200	40600	7430	23500	3620	12100	11700
17	1260	6220	24000	15800	86900	109000	46900	3440	18100	3390	8880	8590
18	1170	5380	39200	16600	91100	117000	46800	6560	12500	5620	10400	7300
19	1180	7660	38400	27100	94400	121000	43200	4320	12600	4460	6840	9940
20	1140	12300	28900	61500	100000	121000	39600	6400	9930	4190	6140	15200
21	1130	7170	25500	86900	100000	114000	32500	3790	10400	5340	3790	17400
22	1410	6740	23600	95700	94100	104000	25600	13200	11000	4890	7450	13700
23	1280	6260	18000	101000	81100	99800	19900	14300	11700	4960	4640	11400
24	1170	6930	11400	107000	66300	99400	17400	10600	8140	3950	6190	6350
25	1140	17700	11000	107000	57000	98100	24000	11800	5590	4680	5200	5650
26	2250	30900	8650	84400	62400	92800	24800	11200	5340	4880	3500	3570
27	1480	30000	6820	49300	64400	73900	17000	8590	6160	5750	2020	7220
28	1320	20400	29800	41000	54200	59400	17400	7260	9930	5330	4590	6740
29	1430	15100	42300	35900	---	52000	14100	10100	9770	3460	4500	7160
30	1370	11900	36400	43900	---	47300	10900	16700	9770	2220	9010	5980
31	1290	---	22100	60100	---	47800	---	15300	---	4220	8410	---
TOTAL	46740	290760	461670	1167840	1685000	2884700	1624700	285780	763330	234960	241250	723000
MEAN	1508	9692	14890	37670	60180	93050	54160	9219	25440	7579	7782	24100
MAX	2870	30900	42300	107000	100000	130000	125000	16700	71500	17500	16800	73400
MIN	1130	1070	2850	5890	27300	47300	10900	3440	5340	2220	2020	3570
CFSM	.08	.53	.81	2.05	3.27	5.05	2.94	.50	1.38	.41	.42	1.31
IN.	.09	.59	.93	2.36	3.40	5.83	3.28	.58	1.54	.47	.49	1.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2001, BY WATER YEAR (WY)

	MEAN	7770	12950	32210	52270	55430	64670	58230	31000	16510	12020	7870	7342
MAX	39840	39560	100900	110900	161100	152200	171600	153100	68860	58070	21880	33190	
(WY)	1976	1980	1984	1974	1990	1961	1980	1991	1997	1989	1975	1979	
MIN	1401	1973	4142	7689	10790	15600	5781	4460	2557	3132	2353	2161	
(WY)	1988	1982	1963	1981	2000	1988	1986	1988	1988	2000	1999	2000	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1961 - 2001

ANNUAL TOTAL	5481360	10409730	29730	
ANNUAL MEAN	14980	28520	57420	1983
HIGHEST ANNUAL MEAN			10740	1988
LOWEST ANNUAL MEAN			286000	Apr 22 1979
HIGHEST DAILY MEAN	170000	Apr 12	398	Aug 16 1999
LOWEST DAILY MEAN	1050	Jan 3	1140	Oct 4 1984
ANNUAL SEVEN-DAY MINIMUM	1180	Oct 15	290000	Apr 22 1979
MAXIMUM PEAK FLOW			51.46	Apr 22 1979
MAXIMUM PEAK STAGE			1.61	
ANNUAL RUNOFF (CFSM)	.81		21.93	
ANNUAL RUNOFF (INCHES)	11.07			
10 PERCENT EXCEEDS	30800	86900	82500	
50 PERCENT EXCEEDS	5820	12600	14000	
90 PERCENT EXCEEDS	1550	2210	3240	
e Estimated				

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 31°45'30", long 88°07'35", in SW¹/₄SW¹/₄ sec. 7, T. 9 N., R. 2 W., Choctaw County, Hydrologic Unit 03160203, near right bank at downstream end of Coffeeville Lock and Dam, 2 mi west of Coffeeville, 4 mi downstream from Turkey Creek, and at mile 74.2.
DRAINAGE AREA.--18,417 mi².

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 1960 to current year (gage heights only). October 1971 to current year in reports of Geological Survey.
August 1960 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to October 1, 1993, water-stage recorder at same site at datum 14.00 ft lower.

REMARKS.--Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 50.2 ft, Mar. 4, 1961, Apr. 23, 1979; minimum gage height, -1.85 ft, Oct. 9, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 36.20 ft, Mar. 6; minimum, -1.85 ft, Oct. 9.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.58	1.60	3.90	9.53	21.28	23.97	19.28	5.55	---	5.19	2.45	5.54
2	1.65	1.78	2.91	7.68	20.62	27.47	17.70	4.54	---	5.64	2.37	7.72
3	1.45	1.47	2.32	5.80	19.05	31.31	---	4.31	---	4.97	2.52	13.54
4	1.54	1.32	1.05	4.36	16.88	34.54	---	3.98	---	5.43	3.13	21.02
5	1.47	1.51	1.12	4.21	15.17	35.81	---	3.37	---	5.76	2.95	24.50
6	1.86	2.28	1.34	3.88	13.61	36.14	---	2.93	---	7.26	2.91	25.77
7	.69	2.60	1.21	3.13	11.55	36.00	---	3.31	---	7.10	3.91	25.94
8	-.95	2.40	1.62	4.45	9.82	35.34	---	2.50	16.56	6.91	3.69	24.25
9	-1.14	4.15	1.70	9.63	8.45	33.84	---	3.98	20.93	5.03	3.64	20.13
10	.12	6.35	1.86	10.93	8.68	31.10	---	4.67	24.62	3.91	3.34	16.50
11	.39	8.97	1.97	10.31	10.79	26.91	---	4.69	25.93	3.88	5.31	15.13
12	.83	8.14	2.11	8.98	11.21	25.19	33.12	5.37	26.58	3.82	5.87	14.30
13	.96	5.37	1.77	8.55	12.12	27.80	29.90	6.06	24.90	3.97	6.23	12.08
14	1.31	2.55	3.13	7.72	16.42	29.66	25.65	4.67	21.51	3.88	6.29	9.71
15	1.41	1.47	4.37	6.94	21.91	31.06	23.46	3.49	17.96	3.24	7.02	8.04
16	1.56	1.89	5.09	6.93	25.44	32.23	21.88	3.10	15.22	2.33	5.82	6.24
17	1.72	2.49	7.99	6.95	27.55	33.24	21.66	2.46	12.53	1.86	4.72	4.84
18	1.39	1.90	13.09	7.97	29.25	33.96	21.47	2.82	9.63	2.48	4.82	3.71
19	1.34	2.43	15.14	10.30	30.27	34.43	20.44	2.49	7.22	2.69	---	4.15
20	1.38	3.93	13.19	18.97	31.06	34.41	19.20	2.94	6.12	2.38	---	5.53
21	1.45	3.09	11.48	25.55	31.37	33.74	17.17	2.80	5.63	2.51	---	7.22
22	1.54	2.41	10.59	28.95	31.00	32.86	14.36	5.06	5.27	2.57	---	6.51
23	1.33	2.31	8.69	30.62	29.64	32.41	12.01	5.86	5.81	2.65	2.33	5.49
24	1.12	2.88	6.16	31.56	26.69	32.24	9.61	5.38	4.43	2.40	2.63	3.69
25	1.16	6.23	4.90	31.68	24.41	32.07	10.42	5.21	3.50	3.03	2.50	2.95
26	1.60	10.63	3.73	29.94	24.57	31.36	11.22	4.71	2.79	3.08	2.23	1.85
27	1.56	12.25	3.12	24.64	24.60	29.00	9.46	4.40	2.98	2.76	1.83	2.65
28	1.54	10.04	9.06	20.29	23.29	25.64	8.44	3.87	3.48	2.66	2.25	2.64
29	1.70	7.63	15.38	16.54	---	23.12	7.28	4.39	4.47	2.24	2.42	3.00
30	1.63	5.37	16.19	16.21	---	21.54	5.89	6.62	4.14	1.75	3.25	2.43
31	1.61	---	13.17	19.82	---	20.45	---	---	---	1.95	3.74	---
MEAN	1.19	4.25	6.11	13.97	20.60	30.61	---	---	---	3.72	---	10.24
MAX	1.86	12.25	16.19	31.68	31.37	36.14	---	---	---	7.26	---	25.94
MIN	-1.14	1.32	1.05	3.13	8.45	20.45	---	---	---	1.75	---	1.85

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD. Water years 1970-96, 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1975 to September 1997.

WATER TEMPERATURES: April 1975 to September 1997.

REMARKS.--Water temperatures for August 1986, published in WDR AL-86-1, have been discredited and should not be used.

COOPERATION.--Specific conductance and temperature data furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 360 microSiemens, Nov. 15, 1987, Nov. 7, 1990, Sept. 27, 1995; minimum daily, 54 microSiemens, June 7, 1983.

WATER TEMPERATURES: Maximum daily, 34.0°C, July 14, 1980, July 31, Aug. 22, 1987, July 26, 1995; minimum daily, 3.0°C, Feb. 3, 4, 1996.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)	CAF- FEINE, WATER REC FLTRD (UG/L) (50305)	PH WATER FIELD (STAND- ARD UNITS) (00400)	PH WATER LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DISIT FIELD MG/L AS CO3 (00452)
OCT	12... 1100	22.8	19.5	774	2660	457	469	8.6	98	<.081	7.7	8.1	.0
NOV	01... 1445	23.1	32.0	767	1880	471	486	8.3	96	--	7.8	7.7	.0
DEC	14... 1220	11.9	7.5	772	5960	343	348	10.7	98	--	7.5	7.1	--
FEB	27... 1145	14.7	25.5	769	62800	145	151	10.5	103	--	7.3	7.5	--
MAR	07... 1520	13.4	18.5	769	114000	118	119	8.9	84	<.081	7.2	7.2	--
APR	11... 1240	19.0	26.5	764	107000	125	127	7.2	78	--	7.2	7.2	--
MAY	22... 1515	26.8	24.0	764	12500	182	183	8.1	101	--	7.6	7.2	--
JUN	21... 1200	28.3	31.0	768	8580	224	223	8.2	105	--	7.6	7.7	--
JUL	25... 1610	31.4	29.0	766	3940	235	230	7.2	97	--	7.5	7.6	--
AUG	30... 1030	30.1	28.0	768	7040	249	246	7.7	101	--	7.9	7.7	--

DATE	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
OCT	92	75	.40	.33	--	--	<.041	E.004	--	.26	.33
NOV	90	73	.44	.35	--	--	<.041	E.003	--	.23	.32
DEC	67	55	.72	.63	--	--	E.036	.009	.386	.24	.33
FEB	37	31	1.1	.64	--	--	E.022	E.005	--	.30	.79
MAR	39	32	.90	.62	--	--	E.030	.006	.272	.34	.62
APR	33	27	.77	.55	--	--	<.041	.007	.276	.27	.49
MAY	47	39	.62	.45	.35	.19	.063	.009	.196	.25	.42
JUN	57	47	.72	.56	.38	.21	.043	.008	.293	.26	.42
JUL	60	49	.54	.38	--	--	<.040	.031	.121	.23	.39
AUG	62	51	--	--	--	--	<.040	E.012	--	.25	.35

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, NO ₂ +NO ₃ DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH ₄) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO ₃) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO ₂) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO ₄) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
OCT 12...	.072	--	--	--	--	.083	.079	.037	.027	3.8
NOV 01...	.120	--	--	--	--	.095	.067	.042	.031	4.8
DEC 14...	.395	--	1.71	.030	--	.083	.075	.036	.027	4.1
FEB 27...	.340	--	--	--	.474	--	.199	.021	E.013	6.3
MAR 07...	.278	--	1.20	.020	.341	.055	.186	.026	.018	6.7
APR 11...	.283	--	1.22	.024	.221	--	.124	.015	<.018	5.0
MAY 22...	.205	.08	.868	.030	.118	--	.061	.015	<.020	4.2
JUN 21...	.301	.06	1.30	.026	.122	.064	.070	.021	.021	5.8
JUL 25...	.152	--	.536	.102	.146	--	.055	.013	<.020	4.9
AUG 30...	E.062	--	--	--	.105	--	.040	.009	<.020	4.1

DATE	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	HARD- NESS TOTAL (MG/L AS CaCO ₃) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CaCO ₃ (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS Ca) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS- SOLVED (MG/L AS Na) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
OCT 12...	.8	--	110	32	27.5	9.50	48.1	2	48	3.50
NOV 01...	.4	--	110	35	27.2	10.0	49.7	2	49	3.68
DEC 14...	.6	--	89	34	28.1	4.57	34.2	2	44	2.94
FEB 27...	--	4.2	48	18	13.7	3.39	7.3	.5	24	1.82
MAR 07...	--	2.9	45	13	14.3	2.27	4.4	.3	17	1.98
APR 11...	--	1.7	43	16	11.9	3.13	5.3	.4	20	1.69
MAY 22...	--	.8	52	14	14.6	3.82	12.6	.8	33	1.93
JUN 21...	--	.9	70	23	18.2	5.94	13.1	.7	28	2.18
JUL 25...	--	.8	62	13	16.5	5.04	18.8	1	39	2.17
AUG 30...	--	.7	70	19	19.8	4.94	19.8	1	37	2.24

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 12...	38.3	85.1	E.1	.9	<10	12.9	276	259	1980	.38
NOV 01...	36.8	90.3	.2	1.3	<10	<3.2	280	264	1420	.38
DEC 14...	33.7	48.2	E.1	4.3	10	4.3	201	191	3230	.27
FEB 27...	5.3	25.6	<.2	5.8	100	5.2	94	83	15900	.13
MAR 07...	4.4	15.0	<.2	6.6	130	30.4	86	70	26500	.12
APR 11...	4.1	21.0	<.2	5.6	110	9.6	92	70	26600	.13
MAY 22...	9.9	28.3	<.2	1.2	40	6.4	109	96	3680	.15
JUN 21...	6.9	42.1	E.1	5.9	60	5.6	147	124	3410	.20
JUL 25...	13.4	35.9	E.1	1.3	30	3.5	131	123	1390	.18
AUG 30...	17.8	36.9	E.1	3.3	20	E2.5	145	135	2760	.20

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)
OCT 12...	<.010	<.002	<.08	<.05	<.10	<.06	E.008	E.009	<.07	<.15	E.011	<.018	<.003
FEB 27...	<.010	<.002	--	--	--	--	.019	<.015	--	--	E.003	<.018	<.003
MAR 07...	<.010	<.002	<.08	<.05	<.10	<.06	.021	E.003	<.07	<.06	E.004	<.018	<.003
APR 11...	<.010	<.002	--	--	--	--	.026	E.005	--	--	<.006	<.018	<.003
MAY 22...	<.010	<.002	--	--	--	--	.013	E.002	--	--	E.007	<.018	<.003
JUN 21...	<.010	<.002	--	--	--	--	.011	E.004	--	--	<.006	<.018	<.003
JUL 25...	<.010	<.002	--	--	--	--	.014	E.008	--	--	E.015	<.018	<.003
AUG 30...	<.010	<.002	--	--	--	--	E.004	<.015	--	--	E.013	<.018	<.003

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
OCT 12...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
FEB 27...	<.005	<.008	--	--	--	--	--	--	--	--	--	--	--
MAR 07...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	<.06	<.02
APR 11...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
MAY 22...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
JUN 21...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
JUL 25...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--
AUG 30...	<.005	<.003	--	--	--	--	--	--	--	--	--	--	--

DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)
OCT 12...	<.005	<.004	<.005	E.008	<.027	<.007	<.005	.064	<.08	<.002	<.10	<.07	<.004
FEB 27...	<.005	<.004	<.005	E.004	<.027	<.007	.014	.018	--	<.002	--	--	<.004
MAR 07...	<.005	<.004	<.005	E.006	<.027	<.007	<.005	.038	E.05	<.002	<.10	<.07	<.004
APR 11...	<.005	<.004	<.005	.014	<.027	<.007	E.005	.066	--	<.002	--	--	<.004
MAY 22...	<.005	<.004	<.005	.024	<.027	<.007	.018	.566	--	<.002	--	--	<.004
JUN 21...	<.005	<.004	<.005	.033	<.027	<.007	.007	.329	--	<.002	--	--	<.004
JUL 25...	<.005	<.004	<.005	E.012	<.027	<.007	E.004	.157	--	<.002	--	--	.017
AUG 30...	<.005	<.004	<.005	E.003	<.027	<.007	<.005	.102	--	<.002	--	--	<.004

DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
OCT 12...	<.07	<.07	<.08	<.07	<.08	<.07	E.01	<.04	<.05	<.07	<.04	<.05	<.06
MAR 07...	<.07	<.07	<.08	<.07	<.08	<.07	E.03	<.04	<.05	<.07	<.04	<.05	<.06

DATE	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXNYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)
OCT 12...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193
MAR 07...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.037	<.039	<.193

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL- FURON WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	UREA 3/ 4-CHLOR OPHENYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (61695)
OCT 12...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060
MAR 07...	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060

DATE	METH- OMYL OXIME WATER FLTRD REC (UG/L) (61696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT 12...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
FEB 27...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAR 07...	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
APR 11...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAY 22...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JUN 21...	--	--	.012	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JUL 25...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
AUG 30...	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006

DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
OCT 12...	<.002	<.002	.019	<.002	<.005	<.010	<.020	<.017	<.004	<.021
FEB 27...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
MAR 07...	<.002	<.002	E.011	<.002	<.005	<.010	<.020	<.017	<.004	<.021
APR 11...	<.002	<.002	E.007	<.002	<.005	<.010	<.020	<.017	<.004	<.021
MAY 22...	<.002	<.002	E.009	<.002	<.005	<.010	<.020	<.017	<.004	<.021
JUN 21...	<.002	<.002	E.008	<.002	<.005	<.010	<.020	<.017	<.004	<.021
JUL 25...	<.002	<.002	E.011	<.002	<.005	<.010	<.020	<.017	<.004	<.021
AUG 30...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
OCT 12...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
FEB 27...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAR 07...	<.002	<.011	E.008	<.005	<.003	<.010	<.007	<.023	<.050	<.006
APR 11...	<.002	<.011	E.025	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAY 22...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JUN 21...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
JUL 25...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
AUG 30...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 12...	1100	2660	61	438	66
NOV 01...	1445	1880	10	51	95
DEC 14...	1220	5960	22	354	91
FEB 27...	1145	62800	203	34400	90
MAR 07...	1520	114000	244	75100	54
APR 11...	1240	107000	125	36100	67
MAY 22...	1515	12500	18	608	93
JUN 21...	1200	8580	24	556	92
JUL 25...	1610	3940	19	202	90

MOBILE RIVER BASIN

02469800 SATILPA CREEK NEAR COFFEEVILLE, AL

LOCATION.—Lat 31°44'39", long 88°01'21", in SW¹/₄SW¹/₄ sec. 18, T. 9 N., R. 1 E., Clarke County, Hydrologic Unit 03160203, near left bank on downstream side of bridge on State Highway 12, 0.2 mi upstream from unnamed tributary, 3 mi downstream from Harris Creek, and 3.8 mi east of Coffeeville.

DRAINAGE AREA.—164 mi².

PERIOD OF RECORD.—June 1956 to September 1970, October 1970 to September 1974 (flood hydrograph and low flow only), October 1974 to current year.

REVISED RECORDS.—WDR AL-84-1: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 39.80 ft above sea level (levels by Alabama Highway Department).

REMARKS.—No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	4.2	22	123	187	384	208	53	754	48	41	44
2	3.9	4.2	20	103	136	2350	179	49	229	69	39	67
3	3.8	4.3	19	89	114	6220	167	47	121	60	23	164
4	3.7	4.3	18	82	101	8460	407	45	90	70	18	342
5	3.5	4.5	17	77	93	3720	1640	42	94	74	16	120
6	7.2	5.3	17	72	85	1400	1300	39	136	75	15	81
7	11	6.9	17	67	79	577	452	38	107	51	34	206
8	13	8.5	17	86	74	456	340	36	218	54	49	148
9	8.5	26	16	95	72	413	280	43	478	45	32	113
10	6.2	42	16	73	151	464	241	52	490	39	33	158
11	5.4	27	16	68	150	352	205	49	812	35	49	194
12	5.0	16	16	79	107	1020	176	39	1750	33	49	105
13	4.8	12	16	72	101	5240	155	33	1950	30	34	75
14	4.6	11	102	65	112	2860	145	30	520	28	45	55
15	4.5	9.5	118	63	103	1540	157	27	323	26	27	43
16	4.4	11	81	72	93	1650	173	26	214	24	20	37
17	4.6	18	117	180	134	685	138	24	158	22	18	32
18	4.6	28	80	175	122	483	110	23	122	20	20	29
19	4.6	43	62	205	96	425	101	22	102	19	24	29
20	4.7	92	58	416	87	459	96	22	98	18	64	32
21	4.7	54	56	233	82	468	92	21	94	18	38	30
22	4.8	32	126	154	79	378	87	22	120	29	26	25
23	4.6	24	104	123	73	319	79	24	123	29	19	22
24	4.5	26	73	107	67	280	81	23	96	20	16	22
25	4.4	106	59	95	164	389	113	21	74	18	14	37
26	4.4	85	50	85	307	339	92	19	67	25	13	31
27	4.2	49	45	80	156	256	74	18	60	41	12	23
28	4.2	35	276	75	240	234	66	23	53	31	13	20
29	4.2	28	810	78	---	271	63	138	50	26	15	18
30	4.2	24	321	467	---	309	57	137	46	27	23	17
31	4.2	---	167	352	---	241	---	694	---	21	27	---
TOTAL	160.4	840.7	2932	4111	3365	42642	7474	1879	9549	1125	866	2319
MEAN	5.17	28.0	94.6	133	120	1376	249	60.6	318	36.3	27.9	77.3
MAX	13	106	810	467	307	8460	1640	694	1950	75	64	342
MIN	3.5	4.2	16	63	67	234	57	18	46	18	12	17
CFSM	.03	.17	.58	.81	.73	8.39	1.52	.37	1.94	.22	.17	.47
IN.	.04	.19	.67	.93	.76	9.67	1.70	.43	2.17	.26	.20	.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2001, BY WATER YEAR (WY)

	MEAN	68.5	138	249	383	458	556	379	191	132	91.1	63.3	59.7
MAX	402	515	1681	1132	1802	1376	1299	1025	574	542	289	287	287
(WY)	1976	1998	1962	1990	1961	2001	1979	1980	1997	1989	1975	1998	1998
MIN	5.17	8.66	31.0	45.8	48.9	155	60.1	17.2	11.0	6.82	9.58	6.66	6.66
(WY)	2001	1964	1964	1981	2000	1957	1963	2000	1988	2000	2000	2000	2000

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1957 - 2001

ANNUAL TOTAL	18501.0	77263.1	230
ANNUAL MEAN	50.5	212	408
HIGHEST ANNUAL MEAN			1983
LOWEST ANNUAL MEAN			2000
HIGHEST DAILY MEAN	1620	8460	15300
LOWEST DAILY MEAN	2.9	3.5	2.9
ANNUAL SEVEN-DAY MINIMUM	3.1	4.2	3.1
MAXIMUM PEAK FLOW		9990	25600
MAXIMUM PEAK STAGE		15.67	18.37
ANNUAL RUNOFF (CFSM)	.31	1.29	1.40
ANNUAL RUNOFF (INCHES)	4.20	17.53	19.03
10 PERCENT EXCEEDS	106	380	479
50 PERCENT EXCEEDS	17	60	87
90 PERCENT EXCEEDS	4.2	8.5	16

MOBILE RIVER BASIN

02470072 BASSETT CREEK AT U.S. HIGHWAY 43 NEAR THOMASVILLE, AL

LOCATION.--Lat 31°51'50", long 87°44'50", in SW¹/₄ sec. 2, T. 10 N., R. 3 E., Clarke County, Hydrologic Unit 03160203, on downstream side of bridge on U.S. Highway 43, 3 mi south of Thomasville.

DRAINAGE AREA.--10.5 mi².

PERIOD OF RECORD.--October 1995 to current year.

REVISED RECORDS.--WDR AL-98-1: 1996-97 (P).

GAGE.--Water-stage recorder. Elevation of gage is 292 ft above sea level, from topographic map.

REMARKS.--Estimated daily discharge: Nov. 26 to Dec. 12, Jan. 25-28. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.00	e.58	9.0	9.9	34	12	2.5	28	2.4	.16	5.0
2	.02	.00	e.52	6.7	7.5	276	11	2.1	8.0	1.5	.12	10
3	.00	.00	e.48	5.8	6.0	524	13	2.6	4.8	1.2	.12	32
4	.00	.00	e.46	5.2	5.2	234	73	2.2	3.8	6.6	.11	12
5	.00	.00	e.44	4.9	4.5	53	74	1.8	3.8	9.2	.09	4.4
6	.03	.00	e.42	4.7	3.9	35	24	1.6	3.6	3.2	.86	5.8
7	.02	.00	e.40	4.8	3.4	26	17	1.2	7.4	2.1	5.3	26
8	.00	1.8	e.39	9.3	3.1	22	14	.76	30	1.4	1.7	5.7
9	.00	7.3	e.38	6.5	4.9	28	13	.58	63	1.1	.80	3.8
10	.00	2.3	e.37	5.9	27	28	12	.66	70	1.4	.52	3.0
11	.00	1.2	e.36	6.2	9.7	19	10	.70	93	2.0	1.1	2.9
12	.00	1.0	e.35	7.2	6.7	307	8.6	.69	76	1.0	2.4	4.9
13	.00	.94	5.3	5.9	8.0	118	6.8	.70	19	.68	7.4	2.5
14	.00	.97	20	5.9	7.7	39	6.0	.67	22	.46	1.2	1.8
15	.00	.90	6.4	5.7	5.9	100	5.8	.71	23	.35	.48	1.4
16	.00	2.1	7.1	11	5.4	37	6.4	.68	11	.26	.71	1.1
17	.00	6.5	8.5	18	13	23	4.7	.61	6.5	.20	.28	.93
18	.00	3.7	4.6	12	5.4	19	3.8	.56	4.7	.17	.72	2.9
19	.00	14	5.3	37	4.0	22	3.5	.51	3.7	.16	.92	5.2
20	.00	4.9	5.0	26	3.3	43	3.3	3.3	3.4	.15	2.8	2.9
21	.00	2.8	11	14	3.4	27	3.2	1.8	10	2.8	.89	1.8
22	.00	2.4	13	9.6	3.2	19	3.3	4.0	9.2	1.5	.37	1.3
23	.00	2.5	6.0	7.5	2.7	16	3.9	3.6	10	.52	.13	.98
24	.00	8.9	4.6	6.2	2.3	14	7.5	2.1	4.2	.28	.07	1.9
25	.00	10	4.5	e5.2	14	29	8.6	1.5	3.1	.20	.04	2.0
26	.00	e4.0	4.4	e4.6	8.8	16	5.9	1.8	2.6	.34	.04	1.2
27	.00	e2.0	7.6	e4.3	8.9	13	4.6	1.4	2.2	.27	.02	.88
28	.00	e1.3	98	e4.0	24	13	3.8	5.2	1.9	.29	.02	.63
29	.00	e.90	50	14	---	17	3.4	69	1.8	.23	.54	.56
30	.00	e.65	20	57	---	15	2.5	21	2.0	.22	5.0	.45
31	.00	---	13	16	---	13	---	33	---	.20	13	---
TOTAL	0.15	83.06	299.45	340.1	211.8	2179	368.6	169.53	531.7	42.38	47.91	145.93
MEAN	.005	2.77	9.66	11.0	7.56	70.3	12.3	5.47	17.7	1.37	1.55	4.86
MAX	.08	14	98	57	27	524	74	69	93	9.2	13	32
MIN	.00	.00	.35	4.0	2.3	13	2.5	.51	1.8	.15	.02	.45
CFSM	.00	.26	.92	1.04	.72	6.69	1.17	.52	1.69	.13	.15	.46
IN.	.00	.29	1.06	1.20	.75	7.72	1.31	.60	1.88	.15	.17	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001
MEAN	9.55	16.2	16.2	32.2	22.6	40.2
MAX	23.3	45.6	46.2	62.8	47.8	70.3
(WY)	1998	1996	1996	1998	1998	2001
MIN	.005	.41	1.37	2.74	3.09	8.50
(WY)	2001	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1996 - 2001
ANNUAL TOTAL	1091.97	4419.61	
ANNUAL MEAN	2.98	12.1	15.4
HIGHEST ANNUAL MEAN			25.7
LOWEST ANNUAL MEAN			2.28
HIGHEST DAILY MEAN	98	524	726
LOWEST DAILY MEAN	.00	.00	.00
ANNUAL SEVEN-DAY MINIMUM	.00	.00	.00
MAXIMUM PEAK FLOW		786	1630
MAXIMUM PEAK STAGE		8.95	10.33
ANNUAL RUNOFF (CFSM)	.28	1.15	1.47
ANNUAL RUNOFF (INCHES)	3.87	15.66	19.98
10 PERCENT EXCEEDS	6.4	24	29
50 PERCENT EXCEEDS	.63	3.4	3.8
90 PERCENT EXCEEDS	.00	.02	.10

e Estimated

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL

LOCATION.--Lat 30°42'22", long 88°09'04", in SW¹/₄ sec. 11, T. 4 S., R. 2 W., Mobile County, Hydrologic Unit 03160204, at Zeigler Boulevard just downstream of Municipal Park Dam, 0.8 mi northwest of Spring Hill, at mile 9.3.
DRAINAGE AREA.--10.4 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is sea level.

REMARKS.--Estimated daily discharges: June 5-9, July 6-8, 2002, May 11-15, July 3-6, 2001. Records fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	10	10	9.0	12	6.4	6.0	7.5	56	88
2	---	---	---	11	10	8.6	11	7.5	5.8	6.1	38	43
3	---	---	11	11	10	9.0	13	6.5	6.1	5.5	38	17
4	---	---	11	18	9.6	8.5	18	6.8	5.6	5.6	17	9.0
5	---	---	17	10	9.1	8.7	9.5	6.3	e13	5.5	8.1	7.2
6	---	---	11	10	9.2	8.3	9.0	7.3	e9.0	e6.6	6.4	7.2
7	---	---	11	10	9.1	8.1	8.6	6.5	e6.3	e6.2	6.0	122
8	---	---	11	10	9.3	7.9	7.7	5.8	e9.8	e6.9	5.8	40
9	---	---	14	18	9.5	8.1	7.8	6.6	e6.6	20	14	13
10	---	---	15	44	10	8.3	8.0	5.9	5.8	11	54	9.2
11	---	---	12	13	9.6	23	7.8	6.0	5.7	40	37	9.9
12	---	---	12	11	9.5	12	9.0	6.0	5.3	32	8.2	8.8
13	---	---	27	11	12	8.0	10	25	5.3	8.3	5.7	66
14	---	---	13	9.8	36	8.2	20	16	5.1	6.1	5.3	72
15	---	---	12	9.3	9.5	10	11	7.1	52	6.7	5.4	35
16	---	---	12	9.8	8.3	26	11	5.9	23	46	4.9	8.3
17	---	---	12	9.7	8.2	16	10	6.5	29	32	4.7	7.4
18	---	---	52	10	8.6	21	9.1	6.0	95	17	4.7	7.4
19	---	---	32	11	7.8	243	9.6	6.5	43	6.4	4.7	7.3
20	---	---	15	9.0	7.0	61	9.1	6.9	9.8	5.4	15	8.1
21	---	---	103	8.8	7.1	26	9.3	18	7.5	23	14	8.6
22	---	---	21	10	7.2	16	8.5	45	6.8	24	5.5	9.3
23	---	---	12	35	7.2	15	9.9	7.3	6.3	19	5.2	7.0
24	---	---	12	41	7.5	14	35	7.0	6.0	8.6	5.0	6.7
25	---	---	11	12	7.6	15	11	6.5	6.2	4.8	4.8	7.2
26	---	---	12	10	7.3	18	16	5.8	33	4.8	4.9	6.1
27	---	---	11	10	27	29	14	6.2	30	4.8	24	6.4
28	---	---	11	13	10	16	7.8	44	24	4.4	26	6.3
29	---	---	11	11	9.0	176	7.4	35	20	4.6	9.0	6.2
30	---	---	11	17	---	62	6.9	7.2	12	5.0	8.2	6.3
31	---	---	11	12	---	38	---	6.1	---	6.1	8.3	---
TOTAL	---	---	---	435.4	302.2	937.7	337.0	345.6	499.0	389.9	453.8	655.9
MEAN	---	---	---	14.0	10.4	30.2	11.2	11.1	16.6	12.6	14.6	21.9
MAX	---	---	---	44	36	243	35	45	95	46	56	122
MIN	---	---	---	8.8	7.0	7.9	6.9	5.8	5.1	4.4	4.7	6.1
CFSM	---	---	---	1.35	1.00	2.91	1.08	1.07	1.60	1.21	1.41	2.10
IN.	---	---	---	1.56	1.08	3.35	1.21	1.24	1.78	1.39	1.62	2.35

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

MEAN	---	---	---	14.0	10.4	30.2	11.2	11.1	16.6	12.6	14.6	21.9
MAX	---	---	---	14.0	10.4	30.2	11.2	11.1	16.6	12.6	14.6	21.9
(WY)	---	---	---	2000	2000	2000	2000	2000	2000	2000	2000	2000
MIN	---	---	---	14.0	10.4	30.2	11.2	11.1	16.6	12.6	14.6	21.9
(WY)	---	---	---	2000	2000	2000	2000	2000	2000	2000	2000	2000

e Estimated

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	6.0	9.5	9.4	11	15	8.2	6.3	20	7.2	9.7	9.5
2	6.4	6.1	10	8.9	11	10	7.3	6.4	7.2	6.9	7.8	9.5
3	6.3	6.1	9.1	8.7	9.8	170	8.1	6.4	6.3	e8.0	7.9	46
4	6.1	6.6	8.6	8.6	9.5	68	9.3	6.4	5.9	e25	7.2	93
5	6.2	11	8.5	8.6	9.2	34	9.6	6.3	5.8	e15	13	32
6	51	55	9.0	8.6	9.1	20	8.8	6.5	6.5	e9.0	10	12
7	13	112	9.4	8.9	9.2	8.7	9.0	6.5	7.0	7.1	17	10
8	6.6	21	9.3	10	9.4	9.0	8.8	6.7	12	6.9	11	9.8
9	6.5	31	9.7	8.7	15	12	9.9	6.9	15	6.9	9.2	9.5
10	6.1	9.3	9.7	8.7	41	8.0	11	6.8	17	7.5	7.9	8.9
11	6.3	6.5	9.6	11	11	7.3	14	e6.4	221	8.0	157	8.9
12	6.1	6.5	8.8	9.9	10	128	14	e6.4	18	56	74	9.9
13	6.9	29	12	9.1	11	47	10	e6.3	8.7	24	100	9.9
14	7.0	16	53	9.2	11	40	9.2	e6.4	8.3	7.7	32	8.0
15	6.9	6.8	16	35	11	86	13	e6.5	7.4	6.9	13	8.4
16	6.8	47	12	37	11	28	14	6.4	6.1	6.5	16	8.1
17	7.4	32	10	18	8.6	20	8.3	7.2	6.1	5.8	14	9.1
18	7.6	111	9.6	16	8.1	19	7.4	27	5.8	6.3	15	8.4
19	7.2	102	15	31	8.3	11	6.3	15	8.2	5.9	29	17
20	7.9	26	9.2	17	9.0	10	6.2	9.4	10	6.1	17	11
21	7.6	8.9	18	11	26	9.3	7.0	9.5	11	59	13	8.5
22	7.7	7.7	17	10	14	8.5	8.0	8.3	11	20	8.7	8.2
23	7.4	7.8	9.5	9.8	8.8	8.5	8.0	8.1	8.0	7.1	8.1	21
24	6.5	147	8.8	9.4	9.0	8.2	96	7.8	6.1	6.2	7.4	23
25	6.4	58	8.8	9.3	14	9.9	22	6.7	6.1	54	7.6	11
26	6.6	40	8.6	9.3	11	7.4	8.3	6.7	5.8	85	7.3	8.6
27	6.4	13	41	11	9.0	7.3	7.2	6.8	6.6	29	13	8.4
28	6.2	10	60	10	40	17	7.4	7.9	6.3	34	92	8.3
29	5.8	9.9	17	29	---	14	7.2	6.0	6.1	11	32	7.5
30	5.9	9.6	10	40	---	10	6.8	6.3	7.2	8.2	11	8.0
31	5.9	---	9.7	15	---	9.7	---	13	---	9.7	9.8	---
TOTAL	257.8	958.8	456.4	446.1	365.0	860.8	370.3	249.3	476.5	555.9	777.6	451.4
MEAN	8.32	32.0	14.7	14.4	13.0	27.8	12.3	8.04	15.9	17.9	25.1	15.0
MAX	51	147	60	40	41	170	96	27	221	85	157	93
MIN	5.8	6.0	8.5	8.6	8.1	7.3	6.2	6.0	5.8	5.8	7.2	7.5
CFSM	.80	3.07	1.42	1.38	1.25	2.67	1.19	.77	1.53	1.72	2.41	1.45
IN.	.92	3.43	1.63	1.60	1.31	3.08	1.32	.89	1.70	1.99	2.78	1.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

MEAN	8.32	32.0	14.7	14.2	11.7	29.0	11.8	9.60	16.3	15.3	19.9	18.5
MAX	8.32	32.0	14.7	14.4	13.0	30.2	12.3	11.1	16.6	17.9	25.1	21.9
(WY)	2001	2001	2001	2001	2001	2000	2001	2000	2000	2001	2001	2000
MIN	8.32	32.0	14.7	14.0	10.4	27.8	11.2	8.04	15.9	12.6	14.6	15.0
(WY)	2001	2001	2001	2000	2000	2001	2000	2001	2001	2000	2000	2001

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 2000 - 2001	
ANNUAL TOTAL	6029.5		6225.9		17.1	
ANNUAL MEAN	16.5		17.1		17.1	
HIGHEST ANNUAL MEAN					17.1	
LOWEST ANNUAL MEAN					17.1	
HIGHEST DAILY MEAN	243	Mar 19	221	Jun 11	243	Mar 19 2000
LOWEST DAILY MEAN	4.4	Jul 28	5.8	Several days	4.4	Jul 28 2000
ANNUAL SEVEN-DAY MINIMUM	4.9	Jul 25	6.0	Oct 28	4.9	Jul 25 2000
MAXIMUM PEAK FLOW			unknown		unknown	
MAXIMUM PEAK STAGE			70.41	Aug 11	71.39	Mar 29 2000
ANNUAL RUNOFF (CFSM)	1.58		1.64		1.64	
ANNUAL RUNOFF (INCHES)	21.57		22.27		22.28	
10 PERCENT EXCEEDS	37		34		35	
50 PERCENT EXCEEDS	9.0		9.2		9.3	
90 PERCENT EXCEEDS	5.9		6.4		6.1	

e Estimated

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	67.90	67.90	67.84	67.87	67.81	67.80	67.84	68.21	68.23
2	---	---	---	67.90	67.90	67.84	67.85	67.84	67.80	67.81	68.19	68.20
3	---	---	67.90	67.90	67.90	67.84	67.89	67.82	67.81	67.79	68.12	67.97
4	---	---	67.91	68.00	67.88	67.83	67.95	67.82	67.79	67.79	67.99	67.86
5	---	---	67.98	67.89	67.87	67.84	67.83	67.81	---	67.79	67.87	67.83
6	---	---	67.91	67.89	67.88	67.83	67.82	67.83	---	---	67.83	67.83
7	---	---	67.90	67.89	67.87	67.83	67.82	67.82	---	---	67.82	68.59
8	---	---	67.90	67.89	67.88	67.83	67.80	67.80	---	---	67.82	68.20
9	---	---	67.95	68.00	67.88	67.84	67.80	67.82	---	67.96	67.92	67.92
10	---	---	67.96	68.22	67.89	67.84	67.80	67.80	67.80	67.89	68.21	67.87
11	---	---	67.92	67.93	67.88	68.02	67.80	67.80	67.80	68.07	68.17	67.88
12	---	---	67.92	67.90	67.88	67.90	67.82	67.80	67.79	68.11	67.86	67.86
13	---	---	68.09	67.90	67.92	67.83	67.84	67.98	67.79	67.85	67.82	68.23
14	---	---	67.94	67.89	68.16	67.84	67.97	67.96	67.78	67.81	67.81	68.42
15	---	---	67.92	67.88	67.88	67.87	67.86	67.83	68.20	67.82	67.81	68.14
16	---	---	67.92	67.89	67.86	68.07	67.86	67.80	68.04	68.08	67.80	67.85
17	---	---	67.92	67.89	67.86	67.95	67.84	67.82	68.08	68.11	67.79	67.83
18	---	---	68.21	67.89	67.87	67.93	67.82	67.80	68.39	67.97	67.79	67.83
19	---	---	68.13	67.90	67.85	69.06	67.83	67.82	68.21	67.81	67.79	67.83
20	---	---	67.96	67.87	67.84	68.31	67.82	67.82	67.87	67.79	67.92	67.85
21	---	---	68.55	67.87	67.84	67.99	67.83	67.96	67.84	67.98	67.95	67.85
22	---	---	68.02	67.89	67.84	67.87	67.81	68.20	67.82	68.04	67.81	67.87
23	---	---	67.93	68.16	67.84	67.86	67.84	67.83	67.81	68.00	67.80	67.82
24	---	---	67.92	68.20	67.85	67.85	68.13	67.83	67.80	67.86	67.80	67.82
25	---	---	67.91	67.92	67.85	67.85	67.90	67.81	67.81	67.79	67.80	67.83
26	---	---	67.91	67.90	67.84	67.89	67.95	67.80	68.09	67.79	67.80	67.80
27	---	---	67.91	67.89	68.07	68.02	67.93	67.81	68.11	67.79	67.97	67.81
28	---	---	67.91	67.93	67.86	67.86	67.84	68.07	68.05	67.79	68.02	67.81
29	---	---	67.91	67.91	67.84	68.52	67.83	68.13	68.02	67.79	67.82	67.81
30	---	---	67.91	67.99	---	68.34	67.82	67.83	67.91	67.80	67.81	67.81
31	---	---	67.90	67.92	---	68.15	---	67.81	---	67.82	67.81	---
MEAN	---	---	---	67.94	67.89	67.98	67.86	67.86	---	---	67.90	67.95
MAX	---	---	---	68.22	68.16	69.06	68.13	68.20	---	---	68.21	68.59
MIN	---	---	---	67.87	67.84	67.83	67.80	67.80	---	---	67.79	67.80

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, A--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67.83	67.80	67.83	67.83	67.86	67.91	67.79	67.75	67.94	67.78	67.82	67.82
2	67.81	67.81	67.84	67.82	67.85	67.84	67.77	67.75	67.77	67.77	67.79	67.82
3	67.81	67.81	67.82	67.82	67.84	68.73	67.79	67.75	67.75	---	67.79	68.17
4	67.80	67.82	67.82	67.82	67.83	68.36	67.81	67.75	67.74	---	67.78	68.37
5	67.81	67.90	67.82	67.82	67.83	68.13	67.81	67.75	67.74	---	67.87	68.09
6	68.16	68.14	67.82	67.82	67.82	67.98	67.80	67.75	67.75	---	67.83	67.87
7	67.92	68.61	67.83	67.82	67.83	67.82	67.80	67.75	67.76	67.78	67.92	67.83
8	67.82	68.01	67.83	67.84	67.83	67.82	67.80	67.76	67.85	67.77	67.85	67.83
9	67.81	68.11	67.84	67.82	67.89	67.88	67.82	67.76	67.88	67.77	67.82	67.82
10	67.81	67.87	67.83	67.82	68.16	67.81	67.84	67.76	67.90	67.78	67.79	67.81
11	67.81	67.82	67.83	67.86	67.86	67.79	67.88	---	68.98	67.79	68.59	67.81
12	67.81	67.81	67.82	67.84	67.84	68.58	67.88	---	67.93	68.10	68.40	67.83
13	67.82	68.04	67.86	67.83	67.85	68.23	67.83	---	67.81	67.98	68.45	67.83
14	67.83	67.95	68.28	67.83	67.86	68.15	67.81	---	67.80	67.79	68.09	67.79
15	67.82	67.82	67.92	68.10	67.86	68.41	67.84	---	67.78	67.77	67.87	67.80
16	67.82	68.15	67.87	68.16	67.85	68.04	67.87	67.75	67.76	67.77	67.91	67.80
17	67.83	68.11	67.84	67.95	67.82	67.96	67.79	67.77	67.76	67.75	67.88	67.82
18	67.84	68.55	67.83	67.93	67.81	67.94	67.77	68.04	67.75	67.76	67.90	67.80
19	67.83	68.57	67.91	68.09	67.81	67.84	67.75	67.89	67.79	67.75	68.04	67.92
20	67.84	68.06	67.83	67.94	67.82	67.82	67.75	67.81	67.83	67.75	67.93	67.84
21	67.84	67.86	67.94	67.86	68.03	67.81	67.77	67.81	67.83	68.20	67.87	67.80
22	67.84	67.84	67.93	67.84	67.90	67.79	67.79	67.79	67.85	67.94	67.81	67.80
23	67.83	67.84	67.83	67.84	67.82	67.79	67.79	67.79	67.79	67.78	67.80	67.92
24	67.82	68.58	67.82	67.83	67.82	67.79	68.30	67.78	67.76	67.76	67.78	68.00
25	67.81	68.32	67.82	67.83	67.90	67.82	67.97	67.76	67.76	68.22	67.79	67.84
26	67.82	68.18	67.82	67.83	67.86	67.77	67.79	67.76	67.75	68.46	67.78	67.81
27	67.81	67.88	68.08	67.85	67.82	67.77	67.77	67.76	67.77	68.06	67.86	67.80
28	67.81	67.84	68.32	67.85	68.13	67.90	67.77	67.78	67.76	68.08	68.42	67.80
29	67.80	67.84	67.94	68.00	---	67.87	67.77	67.74	67.76	67.84	68.07	67.79
30	67.80	67.83	67.85	68.17	---	67.82	67.76	67.75	67.78	67.80	67.85	67.80
31	67.80	---	67.83	67.92	---	67.81	---	67.84	---	67.82	67.83	---
MEAN	67.83	68.03	67.89	67.89	67.87	67.97	67.82	---	67.84	---	67.94	67.87
MAX	68.16	68.61	68.32	68.17	68.16	68.73	68.30	---	68.98	---	68.59	68.37
MIN	67.80	67.80	67.82	67.82	67.81	67.77	67.75	---	67.74	---	67.78	67.79

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE.--December 1999 to current year.

WATER TEMPERATURE.--December 1999 to current year.

DISSOLVED OXYGEN.--December 1999 to current year.

TURBIDITY.--May 2000 to current year.

INSTRUMENTATION.--Water-quality monitor since December 1999.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 104 microSiemens, Sept. 18, 2001; minimum, 31 microSiemens, Aug. 11, 2001.

WATER TEMPERATURE.--Maximum, 35.1°C, July 15, 2000; minimum, 5.2°C, Jan. 4, 2001.

DISSOLVED OXYGEN.--Maximum, 11.2 mg/L, Jan. 4, 6, 2001; minimum, 0.3 mg/L, Aug. 18, 2001.

TURBIDITY.--Maximum, 920 NTU, Sept. 24, 2001; minimum, 0 NTU, many days.

EXTREMES FOR WATER YEAR 2000.--

DISSOLVED OXYGEN.--Maximum, 10.6 mg/L, Apr. 30; minimum, 0.5 mg/L, June 17.

TURBIDITY.--Maximum, 130 NTU, June 19; minimum, 0 NTU, June 2, Aug. 25-27.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 104 microSiemens, Sept. 18; minimum, 31 microSiemens, Aug. 11.

WATER TEMPERATURE.--Maximum, 33.7°C, July 7; minimum, 5.2°C, Jan. 4.

DISSOLVED OXYGEN.--Maximum, 11.2 mg/L, Jan. 4, 6; minimum, 0.3 mg/L, Aug. 18.

TURBIDITY.--Maximum, 920 NTU, Sept. 24; minimum, 0 NTU, many days.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
NOV													
15...	0845	15.0	--	--	67.82	7.2	3.3	--	30	74	73	9.1	90
FEB													
13...	1720	17.2	20.0	772	67.86	12	1.0	--	10	80	86	8.7	91
MAR													
12...	1050	17.8	--	E768	68.24	45	24	--	80	92	88	9.0	94
APR													
10...	1020	26.0	28.0	768	67.80	12	--	4.9	10	99	92	7.9	98
24...	1000	25.4	27.5	771	67.77	7.4	--	5.9	10	94	92	8.2	100
MAY													
22...	0925	27.4	--	--	67.80	--	--	4.0	--	90	81	7.6	96
JUN													
20...	1400	31.0	--	--	67.79	E8.4	--	3.1	--	65	65	6.8	92
JUL													
19...	1050	31.5	--	--	--	E8.8	--	2.1	--	69	66	7.4	101
31...	1245	30.0	29.6	770	67.80	7.4	--	4.8	--	59	62	7.4	99
AUG													
07...	1020	29.5	31.1	772	67.78	14	--	2.7	--	76	76	7.6	100

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L ASN) (00602)
NOV													
15...	.7	7.0	7.5	.0	26	21	260	290	E89	<.1	<.1	.79	.70
FEB													
13...	1.1	6.9	7.6	.0	29	24	92	100	45	<.1	<.1	.96	1.1
MAR													
12...	1.6	6.8	7.4	.0	35	28	E1400	E1500	E1200	--	--	1.4	1.2
APR													
10...	1.6	7.0	--	--	--	--	E37	E55	E11	<.1	<.1	.76	.69
24...	1.7	7.5	--	--	--	--	E30	E40	--	<.1	<.1	.82	.72
MAY													
22...	1.2	7.3	--	--	--	--	90	1000	400	--	--	.43	.32
JUN													
20...	1.0	7.1	--	--	--	--	E40	E20	E30	--	--	.38	.31
JUL													
19...	.9	7.3	--	--	--	--	E25	E60	150	<.1	<.1	.55	.35
31...	.8	7.2	--	--	--	--	150	50	E30	<.1	<.1	.38	.28
AUG													
07...	1.4	7.1	--	--	--	--	110	E30	50	<.1	<.1	.83	.33

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
NOV 15...	.37	.28	.240	.24	.010	.01	.170	.17	.52	.61	.2	.180	.31
FEB 13...	.19	.30	.345	.25	.020	<.01	.430	--	.64	.44	.5	.450	.32
MAR 12...	.37	.31	.553	.63	.040	.03	.330	.33	.86	1.0	.4	.370	.81
APR 10...	.29	.23	.142	.15	.030	.03	.290	.29	.37	.44	.3	.320	.19
24...	.50	.38	.119	.11	.020	.02	.200	.19	.50	.61	.2	.220	.14
MAY 22...	.38	.28	.020	.02	<.010	<.01	--	--	.30	.40	M	.020	.03
JUN 20...	.27	.21	.053	.06	<.010	<.01	--	--	.26	.33	.1	.050	.08
JUL 19...	.47	.27	.030	.03	<.010	<.01	--	--	.30	.50	.1	.050	.04
31...	.27	.17	.030	.03	<.010	<.01	--	--	.20	.30	.1	.080	.04
AUG 07...	.77	.27	.030	.03	<.010	<.01	--	--	.30	.80	M	.030	.04
DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTHODIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHODIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHODIS- SOLVED (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CaCO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CaCO3 (MG/L) (00904)
NOV 15...	.31	.753	.033	3.5	.037	.009	.022	.009	.003	3.0	.012	26	5
FEB 13...	.44	1.90	.066	4.2	.031	.006	.040	.010	.002	3.2	.010	28	4
MAR 12...	.71	1.46	.131	6.0	.092	.018	.070	.020	.006	3.9	.030	32	4
APR 10...	.18	1.28	.099	3.4	.018	.012	.030	.010	.004	--	.006	--	--
24...	.15	.885	.066	3.6	.028	.012	.050	.020	.004	--	.009	--	--
MAY 22...	.03	--	--	1.9	.009	--	.032	.010	<.001	--	.003	--	--
JUN 20...	.07	--	--	1.7	--	--	.020	.008	Ec.002	--	Ec.005	--	--
JUL 19...	.04	--	--	2.4	--	--	.008	.008	Ec.002	--	Ec.006	--	--
31...	.04	--	--	1.7	--	--	.005	<.002	c<.001	--	Ec.003	--	--
AUG 07...	.04	--	--	3.7	--	--	<.002	.002	c<.001	--	Ec.004	--	--

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
NOV 15...	8.70	1.10	3.0	.3	19	1.10	5.4	3.9	<.1	4.7	15	1300	500
FEB 13...	9.30	1.10	3.8	.3	22	.90	5.7	4.4	<.1	4.2	10	1000	300
MAR 12...	11.0	1.20	3.7	.3	19	1.00	8.7	5.2	<.1	4.2	20	1600	530

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
NOV 15...	59	48.0	2	49	42	.95	.07
FEB 13...	130	110	9	65	47	2.02	.09
MAR 12...	110	90.0	15	55	55	6.64	.07
MAY 22...	--	--	7	--	--	--	--
JUN 20...	--	--	4	--	--	--	--
JUL 19...	--	--	3	--	--	--	--
31...	--	--	5	--	--	--	--
AUG 07...	--	--	23	--	--	--	--

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	84	77	81	82	79	80	64	60	63	59	57	58
2	84	83	83	81	79	80	65	63	64	62	59	60
3	84	83	84	81	78	80	67	64	65	72	59	66
4	84	83	84	79	64	71	70	67	68	71	32	58
5	85	82	83	66	64	65	72	70	71	51	44	46
6	83	81	82	68	64	65	76	72	74	44	43	44
7	83	80	82	68	66	67	77	74	76	49	44	47
8	84	80	81	69	67	68	78	75	76	55	49	52
9	81	79	80	71	67	68	80	75	77	60	55	58
10	83	78	81	69	68	68	78	75	76	67	60	64
11	82	33	48	70	69	69	77	31	55	72	67	70
12	41	37	39	71	58	68	41	34	38	86	72	76
13	43	41	42	71	63	67	48	41	45	82	76	79
14	49	43	46	66	63	64	52	47	49	83	79	81
15	52	46	50	65	63	64	50	46	48	85	81	83
16	57	52	54	65	64	65	55	50	52	89	84	85
17	61	55	58	67	64	66	61	55	58	96	87	91
18	64	59	61	68	65	66	68	59	64	104	87	92
19	66	61	63	67	65	66	81	67	73	104	84	89
20	68	63	66	73	68	71	81	76	78	89	85	86
21	72	67	70	73	63	70	81	79	80	87	84	85
22	80	70	76	73	66	69	85	80	81	87	85	86
23	85	77	81	66	62	64	82	77	79	87	84	86
24	83	80	82	63	62	62	78	77	77	84	77	80
25	83	82	83	63	58	61	79	77	78	81	74	77
26	83	82	82	68	51	59	84	78	81	78	74	76
27	83	81	82	54	52	53	100	80	83	75	74	75
28	84	81	82	53	44	50	95	63	80	76	74	75
29	82	79	81	61	47	54	63	57	59	76	75	76
30	82	80	81	65	59	63	57	57	57	76	75	76
31	---	---	---	71	59	64	57	56	56	---	---	---
MONTH	85	33	72	82	44	66	100	31	67	104	32	73
YEAR	104	31	73									

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25.5	23.7	24.6	24.5	22.5	23.3	15.1	13.8	14.4	8.1	7.3	7.6
2	25.1	24.1	25.1	23.8	22.7	23.3	14.6	13.6	14.3	7.4	6.6	7.0
3	26.2	24.5	25.3	24.5	22.7	23.5	13.6	12.4	13.0	6.7	5.8	6.3
4	26.9	24.6	25.6	24.9	22.9	23.7	12.4	11.5	11.9	7.4	5.2	6.1
5	27.0	25.1	26.0	23.7	23.2	23.4	12.2	10.8	11.4	7.7	5.8	6.8
6	26.7	25.5	26.3	23.3	22.8	23.1	11.3	10.7	11.0	10.1	6.9	8.1
7	25.5	23.0	24.4	23.1	22.3	22.7	12.2	10.7	11.4	10.3	7.9	8.8
8	23.0	19.9	21.3	23.5	22.8	23.1	12.1	11.4	11.7	10.9	9.9	10.4
9	19.9	18.1	18.8	24.0	22.4	23.4	13.8	12.0	12.8	10.4	9.5	10.0
10	18.3	17.3	17.9	22.4	20.1	21.2	14.7	13.2	13.9	9.9	8.9	9.3
11	18.8	17.1	18.0	20.7	19.0	19.8	15.6	13.9	14.6	9.8	8.9	9.3
12	19.5	17.4	18.4	19.4	18.2	18.7	15.1	13.4	14.3	10.2	9.6	9.9
13	20.3	18.1	19.1	18.6	17.5	18.1	14.3	12.7	13.2	10.8	9.7	10.3
14	21.4	18.7	19.9	17.5	16.0	16.7	14.4	13.9	14.3	12.0	10.4	11.0
15	22.1	19.4	20.5	16.0	15.1	15.5	13.9	13.4	13.6	12.5	12.0	12.2
16	22.9	20.1	21.4	15.2	15.0	15.1	16.9	13.7	15.5	12.5	12.4	12.5
17	23.4	21.2	22.2	15.2	14.5	14.9	15.7	12.7	13.7	13.5	12.1	12.6
18	24.6	21.8	23.0	14.5	10.9	12.9	13.1	11.7	12.3	14.8	13.5	14.1
19	23.0	22.2	22.6	10.9	9.8	10.0	12.2	9.8	11.1	16.0	14.1	15.1
20	23.8	22.1	22.8	11.2	9.3	10.1	9.8	8.7	9.2	14.1	12.5	13.2
21	23.4	22.4	22.9	10.9	9.8	10.4	8.9	8.3	8.7	13.0	11.6	12.2
22	24.0	22.5	23.2	10.9	9.4	10.1	8.3	7.5	7.9	11.7	10.8	11.2
23	24.0	22.9	23.5	11.0	9.9	10.5	7.8	6.9	7.3	11.8	9.9	10.8
24	23.7	22.7	23.2	15.4	11.0	13.0	8.1	7.0	7.5	12.2	9.8	11.0
25	23.4	22.2	22.8	15.4	14.9	15.1	8.8	7.7	8.3	12.0	10.5	11.2
26	23.2	22.0	22.6	15.4	14.2	14.8	9.2	8.4	8.8	11.6	10.4	11.0
27	23.5	21.9	22.8	16.0	14.1	15.0	10.2	9.2	9.5	12.2	11.4	11.7
28	23.8	22.0	22.9	14.8	14.0	14.3	10.7	10.1	10.4	13.8	11.8	12.7
29	24.3	22.3	23.2	16.5	13.7	14.8	10.4	9.3	9.8	14.5	13.6	14.0
30	24.5	22.5	23.5	16.0	14.5	15.0	9.3	7.9	8.6	15.7	14.0	14.8
31	24.2	22.6	23.4	---	---	---	8.3	7.2	7.7	16.4	14.5	15.3
MONTH	27.0	17.1	22.5	24.9	9.3	17.2	16.9	6.9	11.4	16.4	5.2	10.9

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.3	4.7	6.5	5.1	4.8	5.0	8.0	1.8	4.5	5.9	.6	3.8
2	7.8	4.5	6.6	---	---	---	7.4	3.3	5.8	5.7	.9	3.0
3	8.0	5.3	7.0	---	---	---	8.4	3.4	5.9	5.4	.7	2.2
4	8.2	3.3	6.3	---	---	---	---	---	---	---	---	---
5	8.6	6.5	7.8	---	---	---	---	---	---	---	---	---
6	7.8	7.0	7.5	---	---	---	---	---	---	---	---	---
7	7.6	6.9	7.3	8.2	6.2	7.6	---	---	---	---	---	---
8	7.8	6.8	7.4	7.9	6.4	7.3	---	---	---	---	---	---
9	8.1	6.7	7.6	8.7	6.9	7.7	---	---	---	---	---	---
10	7.9	6.9	7.5	8.2	6.2	7.2	---	---	---	---	---	---
11	7.8	5.7	6.9	8.6	6.6	7.4	---	---	---	---	---	---
12	7.8	5.2	6.7	6.6	4.2	5.4	---	---	---	---	---	---
13	7.7	4.5	6.2	7.5	5.2	6.6	---	---	---	7.0	5.5	6.5
14	7.4	4.1	6.1	7.7	6.8	7.3	---	---	---	7.3	5.7	6.6
15	6.6	2.1	4.6	8.0	6.9	7.4	---	---	---	7.6	3.4	6.3
16	6.4	1.7	4.4	8.0	6.1	7.3	---	---	---	7.7	2.8	6.2
17	6.1	.5	3.1	6.4	3.1	4.7	---	---	---	7.0	1.0	4.8
18	7.1	1.2	4.9	6.2	4.3	5.5	---	---	---	7.7	1.7	5.2
19	8.2	6.6	7.4	7.2	4.7	6.0	---	---	---	8.2	3.4	6.3
20	8.6	7.7	8.3	7.4	4.2	5.7	---	---	---	8.7	3.5	6.0
21	8.9	7.2	8.0	7.4	3.0	5.4	---	---	---	8.9	3.5	7.2
22	7.9	7.3	7.6	5.3	1.5	3.8	---	---	---	8.1	3.6	6.4
23	7.8	6.9	7.4	5.2	2.7	4.0	---	---	---	8.1	3.4	5.8
24	7.6	6.9	7.2	6.5	2.2	4.1	---	---	---	8.1	4.4	6.5
25	7.4	6.4	7.1	6.5	2.2	5.0	6.7	4.4	5.8	8.1	5.6	6.9
26	7.4	6.3	7.0	6.9	1.0	4.6	6.0	3.0	5.1	7.2	5.9	6.6
27	6.7	5.3	6.0	6.9	1.1	4.1	6.0	2.9	4.7	7.7	5.8	6.9
28	6.8	6.0	6.4	7.1	1.2	4.6	---	---	---	8.0	5.7	7.2
29	6.5	5.5	6.1	7.1	1.8	4.2	---	---	---	8.0	4.6	6.8
30	5.9	4.9	5.3	5.9	1.5	3.8	6.8	2.4	5.5	7.9	2.3	6.2
31	---	---	---	5.5	1.4	3.4	6.4	1.7	5.4	---	---	---
MONTH	8.9	.5	6.6	8.7	1.0	5.6	8.4	1.7	5.3	8.9	.6	5.9
YEAR	10.6	.5	7.5									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	8.4	7.2	7.7	8.1	7.1	7.7	11.0	10.6	10.7
2	---	---	---	8.1	6.8	7.7	8.1	7.7	7.9	10.9	10.5	10.7
3	---	---	---	8.0	4.8	7.1	8.6	7.7	8.2	11.0	10.4	10.8
4	---	---	---	8.2	5.4	7.2	8.9	8.1	8.4	11.2	10.7	11.0
5	---	---	---	7.9	6.2	7.2	8.7	8.1	8.4	11.1	10.8	10.9
6	---	---	---	7.0	5.6	6.4	8.8	8.1	8.4	11.2	10.5	10.8
7	---	---	---	7.4	7.2	7.3	8.9	8.1	8.6	10.8	10.0	10.5
8	---	---	---	7.3	6.6	7.0	9.2	8.5	8.9	10.6	10.0	10.3
9	---	---	---	7.1	6.8	6.9	9.1	8.2	8.7	10.3	10.1	10.2
10	---	---	---	7.6	6.6	7.2	9.3	8.4	8.9	10.6	10.1	10.3
11	9.7	8.8	9.4	7.8	7.4	7.6	9.0	8.2	8.7	10.3	9.7	10.1
12	10.5	8.8	9.4	7.8	7.4	7.6	9.1	8.0	8.7	10.1	9.3	9.8
13	9.6	8.6	9.2	7.6	6.7	7.1	9.9	8.5	9.1	10.0	9.5	9.8
14	9.8	8.5	9.1	8.3	6.8	7.5	9.5	8.9	9.4	9.8	9.0	9.5
15	9.7	8.2	8.9	9.1	7.7	8.3	9.2	8.9	9.1	9.3	7.3	8.6
16	9.5	7.7	8.8	8.3	7.6	7.9	9.1	8.5	8.8	8.4	7.1	7.9
17	9.2	7.4	8.3	8.6	8.1	8.4	9.1	8.5	8.9	8.1	6.1	7.6
18	8.9	7.1	8.2	10.0	8.4	9.0	9.4	8.2	8.9	8.0	7.0	7.5
19	8.8	7.2	8.2	10.6	10.0	10.4	9.6	8.9	9.4	7.7	7.1	7.5
20	8.6	5.4	7.4	10.7	8.3	10.3	9.6	8.6	9.3	8.3	6.1	7.1
21	8.3	5.6	7.2	10.5	9.6	10.2	10.2	8.7	9.6	8.5	6.7	7.9
22	8.1	5.4	7.1	10.3	8.9	9.7	10.2	8.7	9.6	9.2	6.4	8.4
23	8.1	5.4	7.0	9.5	8.4	9.1	9.9	9.4	9.7	9.3	8.9	9.1
24	8.1	3.9	6.6	9.4	8.3	9.1	10.0	9.1	9.6	9.1	8.7	8.9
25	8.0	2.8	6.3	---	---	---	9.7	8.8	9.4	9.2	8.6	9.0
26	7.8	3.1	6.3	---	---	---	9.4	8.2	8.9	9.2	8.6	8.9
27	8.6	7.1	8.1	---	---	---	9.9	8.0	8.8	9.1	8.2	8.7
28	8.7	7.8	8.3	---	---	---	10.7	9.2	10.0	9.0	6.9	8.4
29	8.5	7.6	8.0	---	---	---	10.6	9.8	10.3	8.5	7.6	8.3
30	8.3	7.0	7.8	8.1	6.9	7.9	10.7	10.2	10.6	8.4	7.1	7.8
31	8.2	7.3	7.8	---	---	---	10.9	10.6	10.8	7.9	6.1	7.3
MONTH	10.5	2.8	8.0	10.7	4.8	8.1	10.9	7.1	9.1	11.2	6.1	9.2

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.9	6.9	7.4	7.8	5.3	6.6	8.6	7.1	8.0	8.7	8.1	8.4
2	7.9	7.1	7.6	7.2	6.1	6.6	8.5	7.2	7.8	8.4	7.9	8.1
3	8.5	7.6	8.0	8.2	6.1	7.2	8.4	6.4	7.6	8.2	6.6	7.7
4	8.6	7.8	8.3	8.4	7.4	7.9	8.0	4.9	7.1	7.9	6.8	7.6
5	8.9	8.2	8.6	7.7	6.9	7.4	8.1	6.6	7.4	8.2	7.1	7.7
6	9.2	8.1	8.7	8.0	6.4	7.4	7.9	6.5	7.4	8.2	6.8	7.6
7	9.3	8.1	8.7	8.2	6.2	7.4	7.9	5.5	7.3	8.3	6.8	7.7
8	8.7	7.3	8.4	8.3	5.1	7.3	7.9	5.8	7.1	8.4	6.8	7.8
9	8.4	7.5	7.9	7.8	6.1	7.0	7.7	5.6	7.1	8.4	7.3	8.1
10	---	---	---	8.2	6.5	7.8	8.7	6.4	7.6	8.4	7.5	8.0
11	---	---	---	8.2	6.2	7.5	8.4	7.9	8.1	8.4	7.5	8.1
12	---	---	---	9.3	5.3	8.2	8.2	7.5	7.9	8.6	7.5	8.1
13	---	---	---	9.0	8.0	8.5	7.6	6.6	7.2	8.6	8.0	8.3
14	---	---	---	8.4	7.1	7.9	7.5	6.2	6.9	8.6	8.2	8.4
15	---	---	---	9.2	7.9	8.8	8.0	5.9	6.8	8.6	7.4	8.1
16	---	---	---	8.9	7.8	8.3	8.0	6.0	7.0	8.1	7.3	7.8
17	---	---	---	8.3	7.0	7.6	7.5	5.6	6.6	8.7	7.3	7.9
18	---	---	---	8.2	7.0	7.6	8.0	6.5	7.3	8.7	7.8	8.3
19	---	---	---	8.4	7.1	7.8	8.9	7.1	8.1	8.2	7.1	7.5
20	---	---	---	9.1	7.6	8.3	9.0	7.9	8.6	7.2	6.1	6.7
21	---	---	---	9.4	7.9	8.8	9.2	8.6	8.9	7.2	6.0	6.8
22	8.1	7.7	7.8	9.2	7.9	8.5	9.1	7.8	8.5	7.7	6.6	7.3
23	8.0	7.0	7.7	9.1	7.8	8.5	8.8	7.2	8.3	7.4	6.8	7.0
24	7.9	7.6	7.7	9.2	7.7	8.5	10.2	7.5	8.2	7.2	6.6	7.0
25	7.8	7.5	7.7	9.0	7.8	8.4	7.7	6.3	6.9	7.6	6.8	7.1
26	7.8	7.1	7.5	9.1	7.6	8.6	7.0	6.1	6.5	7.2	6.4	6.7
27	7.6	5.7	7.0	9.4	7.4	8.5	8.1	6.4	7.1	7.2	6.1	6.5
28	7.4	6.4	7.1	9.4	8.2	8.9	7.9	6.6	7.6	6.8	6.0	6.5
29	---	---	---	8.9	7.4	8.5	9.0	7.4	8.3	7.0	5.9	6.5
30	---	---	---	8.8	7.8	8.4	9.1	7.8	8.6	7.0	5.9	6.6
31	---	---	---	8.7	7.0	8.1	---	---	---	7.3	6.0	6.6
MONTH	9.3	5.7	7.9	9.4	5.1	8.0	10.2	4.9	7.6	8.7	5.9	7.5
JUNE			JULY			AUGUST			SEPTEMBER			
1	7.2	6.6	6.9	---	---	---	6.4	5.5	5.9	7.3	6.3	6.7
2	7.3	6.4	6.8	---	---	---	6.4	5.5	6.0	7.4	6.2	6.8
3	7.6	5.8	7.0	7.6	7.1	7.4	6.5	5.3	6.0	7.0	6.0	6.5
4	7.7	6.2	7.1	7.7	6.2	7.2	6.7	5.1	6.1	7.6	5.9	6.4
5	7.9	6.3	7.3	7.9	6.6	7.3	6.4	5.0	5.7	7.2	6.1	6.6
6	8.1	6.7	7.7	7.7	6.7	7.3	6.5	5.6	6.0	7.5	6.2	6.8
7	8.1	6.0	7.0	7.6	6.9	7.3	6.6	5.1	5.9	7.6	5.3	6.8
8	8.4	6.5	7.8	7.6	6.6	7.2	6.4	4.5	5.5	7.5	6.3	6.8
9	8.3	7.1	7.6	7.7	6.6	7.2	5.9	4.0	5.3	7.0	6.1	6.6
10	7.7	6.4	7.2	7.9	6.4	7.3	6.6	4.8	5.9	6.6	5.6	6.1
11	9.0	6.7	8.3	7.6	6.8	7.3	6.9	4.9	6.2	6.2	.4	5.4
12	8.7	7.1	7.9	7.7	6.4	7.1	6.8	6.1	6.3	6.3	3.7	5.3
13	7.9	6.1	7.5	6.9	6.0	6.5	6.7	5.7	6.1	---	---	---
14	7.7	6.5	7.2	7.2	5.8	6.7	6.4	6.0	6.2	---	---	---
15	7.2	5.9	6.9	6.9	5.7	6.5	7.7	6.1	6.8	---	---	---
16	7.3	5.3	6.6	7.2	6.4	6.7	7.9	6.8	7.5	---	---	---
17	6.9	4.7	6.0	7.0	5.3	6.3	7.6	6.6	7.2	---	---	---
18	6.5	4.1	5.7	6.7	4.8	5.9	7.4	.3	6.6	---	---	---
19	6.3	3.2	5.2	7.4	5.7	6.9	7.1	3.6	5.6	---	---	---
20	6.4	4.9	5.5	7.5	6.6	7.1	6.0	3.3	4.4	---	---	---
21	6.4	4.7	5.8	6.9	5.5	6.6	7.0	5.0	5.9	---	---	---
22	5.9	3.1	5.2	6.7	5.4	6.0	7.2	5.8	6.6	---	---	---
23	6.1	4.1	5.2	6.9	5.8	6.4	7.3	5.3	6.7	---	---	---
24	6.6	3.8	5.6	7.1	6.4	6.9	7.1	6.1	6.7	---	---	---
25	6.7	4.5	6.0	7.1	5.9	6.5	7.1	6.2	6.7	---	---	---
26	6.8	4.4	5.9	7.9	6.0	6.8	6.9	6.0	6.6	---	---	---
27	6.8	5.0	5.5	7.8	7.1	7.4	7.3	5.4	6.3	8.6	8.0	8.4
28	---	---	---	7.8	6.6	7.2	7.1	4.4	6.0	9.0	8.4	8.7
29	---	---	---	6.9	5.9	6.4	7.1	6.6	6.8	9.0	8.2	8.7
30	---	---	---	7.4	5.7	6.5	6.8	6.3	6.6	9.1	8.7	8.9
31	---	---	---	7.6	5.6	6.5	7.2	6.5	6.7	---	---	---
MONTH	9.0	3.1	6.6	7.9	4.8	6.8	7.9	.3	6.2	9.1	.4	7.0
YEAR	11.2	.3	7.7									

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

TURBIDITY (NTU), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	4.0	1.0	2.0
11	---	---	---	---	---	---	---	---	---	4.0	2.0	2.2
12	---	---	---	---	---	---	---	---	---	4.0	2.0	2.2
13	---	---	---	---	---	---	---	---	---	8.0	1.0	2.7
14	---	---	---	---	---	---	---	---	---	6.0	4.0	4.7
15	---	---	---	---	---	---	---	---	---	4.0	3.0	3.5
16	---	---	---	---	---	---	---	---	---	4.0	2.0	2.7
17	---	---	---	---	---	---	---	---	---	6.0	2.0	2.5
18	---	---	---	---	---	---	---	---	---	2.0	1.0	1.9
19	---	---	---	---	---	---	---	---	---	2.0	1.0	1.5
20	---	---	---	---	---	---	---	---	---	2.0	1.0	1.3
21	---	---	---	---	---	---	---	---	---	3.0	1.0	1.7
22	---	---	---	---	---	---	---	---	---	8.0	3.0	4.8
23	---	---	---	---	---	---	---	---	---	6.0	3.0	4.2
24	---	---	---	---	---	---	---	---	---	3.0	2.0	2.3
25	---	---	---	---	---	---	---	---	---	2.0	1.0	1.8
26	---	---	---	---	---	---	---	---	---	2.0	1.0	1.2
27	---	---	---	---	---	---	---	---	---	5.0	1.0	1.3
28	---	---	---	---	---	---	---	---	---	8.0	1.0	2.6
29	---	---	---	---	---	---	---	---	---	13	6.0	9.3
30	---	---	---	---	---	---	---	---	---	12	4.0	6.3
31	---	---	---	---	---	---	---	---	---	6.0	1.0	3.3
MONTH	---	---	---	---	---	---	---	---	---	13	1.0	3.0
JUNE			JULY			AUGUST			SEPTEMBER			
1	5.0	1.0	2.4	8.0	3.0	4.9	15	3.0	6.3	20	7.0	12
2	6.0	.0	1.9	6.0	3.0	3.8	16	8.0	13	---	---	---
3	7.0	1.0	2.3	4.0	3.0	3.2	22	7.0	9.5	---	---	---
4	8.0	1.0	2.3	4.0	2.0	3.0	18	7.0	9.3	---	---	---
5	4.0	1.0	2.4	4.0	3.0	3.2	---	---	---	---	---	---
6	5.0	3.0	3.9	9.0	1.0	3.3	---	---	---	---	---	---
7	6.0	3.0	4.6	6.0	1.0	2.4	---	---	---	---	---	---
8	5.0	3.0	4.1	3.0	1.0	1.8	---	---	---	---	---	---
9	6.0	3.0	3.6	3.0	1.0	2.1	---	---	---	---	---	---
10	6.0	2.0	3.1	15	3.0	3.9	---	---	---	---	---	---
11	15	2.0	4.0	9.0	2.0	4.3	---	---	---	---	---	---
12	9.0	2.0	3.9	65	9.0	17	---	---	---	---	---	---
13	9.0	3.0	4.3	14	7.0	9.3	---	---	---	---	---	---
14	7.0	3.0	3.8	7.0	4.0	5.5	---	---	---	---	---	---
15	10	3.0	6.6	14	3.0	5.4	---	---	---	---	---	---
16	12	3.0	7.5	21	4.0	7.5	---	---	---	---	---	---
17	17	4.0	9.1	52	14	19	---	---	---	---	---	---
18	50	6.0	17	32	6.0	11	---	---	---	---	---	---
19	130	30	57	7.0	3.0	4.5	---	---	---	---	---	---
20	66	16	30	4.0	2.0	2.6	---	---	---	---	---	---
21	25	7.0	12	15	2.0	5.5	---	---	---	---	---	---
22	8.0	7.0	7.5	16	6.0	9.3	---	---	---	---	---	---
23	8.0	7.0	7.4	13	6.0	8.7	---	---	---	---	---	---
24	8.0	7.0	7.1	8.0	4.0	5.9	4.0	1.0	2.2	---	---	---
25	7.0	6.0	7.0	6.0	3.0	4.1	4.0	.0	1.0	---	---	---
26	9.0	5.0	6.9	6.0	3.0	4.2	6.0	.0	.9	---	---	---
27	12	7.0	9.1	6.0	4.0	4.5	3.0	.0	1.4	---	---	---
28	10	5.0	7.4	6.0	3.0	3.9	12	3.0	5.4	---	---	---
29	28	3.0	6.5	8.0	2.0	3.9	17	1.0	9.1	---	---	---
30	8.0	4.0	5.2	5.0	3.0	3.2	13	8.0	9.3	---	---	---
31	---	---	---	7.0	3.0	3.4	14	8.0	8.9	---	---	---
MONTH	130	.0	8.3	65	1.0	5.6	22	.0	6.4	20	7.0	12
YEAR	130	.0	6.0									

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

TURBIDITY (NTU), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001												
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	5.0	2.0	3.3	29	22	26	26	20	22
2	---	---	---	5.0	3.0	3.8	24	15	19	22	16	19
3	---	---	---	7.0	3.0	3.5	16	13	15	20	16	18
4	---	---	---	8.0	2.0	3.4	24	12	17	17	13	15
5	---	---	---	19	3.0	4.6	20	11	15	15	12	13
6	---	---	---	39	3.0	5.7	14	8.0	11	14	10	12
7	---	---	---	760	13	76	13	7.0	8.5	13	9.7	11
8	---	---	---	22	11	16	11	6.0	7.6	12	8.0	10
9	---	---	---	11	8.0	9.6	12	6.0	8.4	9.0	7.0	7.9
10	---	---	---	9.0	6.0	6.8	11	6.0	8.9	9.0	6.0	7.0
11	---	---	---	12	5.0	6.2	10	6.0	7.8	7.0	6.0	6.5
12	---	---	---	6.0	4.0	5.0	9.0	5.0	7.0	9.0	6.0	7.6
13	---	---	---	15	4.0	5.2	11	4.0	6.4	8.0	6.0	7.1
14	---	---	---	6.0	3.0	4.2	24	9.0	19	8.0	6.0	6.8
15	---	---	---	7.0	4.0	5.1	23	15	18	11	5.0	7.2
16	---	---	---	14	5.0	6.7	22	13	15	50	9.0	26
17	---	---	---	14	11	13	15	8.0	11	40	23	31
18	---	---	---	37	12	22	12	8.0	9.2	29	19	24
19	---	---	---	41	30	35	10	6.0	8.2	40	16	25
20	---	---	---	360	18	35	7.0	5.0	6.0	41	22	29
21	---	---	---	360	18	30	8.0	5.0	6.0	28	18	23
22	---	---	---	38	21	27	17	7.0	12	22	13	18
23	---	---	---	34	26	30	12	9.0	11	16	11	13
24	---	---	---	170	29	78	11	7.0	9.1	12	7.0	9.6
25	---	---	---	79	48	60	8.0	6.0	6.7	9.0	6.0	7.4
26	---	---	---	59	47	54	6.0	4.0	5.1	7.0	5.0	6.3
27	---	---	---	67	37	48	83	3.0	16	6.0	4.0	5.1
28	6.0	2.0	3.3	47	25	36	79	40	55	8.0	4.0	4.8
29	6.0	2.0	3.0	38	17	28	52	30	37	10	4.0	5.1
30	5.0	2.0	2.9	35	28	31	32	23	27	34	10	20
31	4.0	2.0	2.9	---	---	---	26	22	25	30	18	23
MONTH	6.0	2.0	3.0	760	2.0	23	83	3.0	15	50	4.0	14

	FEBRUARY			MARCH			APRIL			MAY		
1	26	17	21	72	26	42	5.0	2.0	2.4	5.0	2.0	3.2
2	21	16	19	28	18	22	3.0	1.0	1.8	3.0	2.0	2.6
3	18	12	14	350	19	87	3.0	1.0	1.6	3.0	1.0	2.0
4	32	9.0	12	120	71	92	5.0	1.0	1.8	5.0	1.0	2.2
5	10	7.0	8.8	81	65	73	13	1.0	2.2	3.0	1.0	1.8
6	8.0	6.0	6.9	74	45	57	3.0	1.0	1.4	9.0	1.0	2.0
7	9.0	4.0	6.3	52	33	41	4.0	.0	1.1	3.0	1.0	2.3
8	7.0	5.0	6.1	37	26	32	3.0	.0	1.1	3.0	1.0	2.4
9	9.0	5.0	5.3	31	23	27	3.0	.0	1.2	24	2.0	3.5
10	30	6.0	16	27	20	24	7.0	1.0	2.4	4.0	2.0	3.0
11	27	18	24	180	15	26	9.0	2.0	3.2	5.0	2.0	3.1
12	25	14	19	420	12	120	4.0	2.0	2.8	7.0	3.0	3.3
13	14	8.0	11	170	58	91	8.0	2.0	3.2	3.0	2.0	2.4
14	8.0	6.0	7.0	66	46	55	15	3.0	3.7	16	2.0	2.9
15	6.0	4.0	4.7	290	51	100	4.0	3.0	3.4	4.0	2.0	2.4
16	5.0	3.0	3.5	59	38	48	17	3.0	10	6.0	2.0	2.5
17	5.0	3.0	4.3	39	27	32	17	9.0	12	5.0	2.0	2.5
18	4.0	3.0	3.2	28	20	23	11	7.0	8.6	16	3.0	4.6
19	4.0	2.0	3.0	23	17	20	8.0	5.0	6.8	5.0	3.0	3.8
20	3.0	2.0	2.4	20	15	19	9.0	5.0	5.7	4.0	2.0	3.0
21	15	2.0	6.4	18	13	15	8.0	4.0	4.9	4.0	2.0	3.1
22	15	4.0	9.5	16	11	13	5.0	3.0	3.8	6.0	3.0	3.5
23	15	10	12	13	8.0	11	6.0	3.0	3.4	5.0	3.0	4.0
24	11	8.0	9.9	11	7.0	8.9	230	2.0	47	5.0	3.0	3.9
25	12	6.0	8.3	10	6.0	7.5	90	35	50	5.0	3.0	3.6
26	18	9.0	13	8.0	4.0	6.1	36	16	26	3.0	2.0	2.9
27	10	5.0	8.1	6.0	3.0	4.2	18	11	15	5.0	2.0	3.0
28	54	7.0	20	6.0	3.0	3.7	12	7.0	9.8	6.0	2.0	3.8
29	---	---	---	10	5.0	7.6	8.0	4.0	6.1	6.0	3.0	4.5
30	---	---	---	8.0	4.0	5.5	7.0	3.0	4.5	9.0	3.0	4.3
31	---	---	---	6.0	2.0	3.6	---	---	---	8.0	3.0	4.4
MONTH	54	2.0	10	420	2.0	36	230	.0	8.2	24	1.0	3.1

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL

LOCATION.--Lat 30°41'48", Long 88°05'17", Mobile County, Hydrologic Unit 03160204, at Stanton Road, in city of Mobile, at mile 4.0.
 DRAINAGE AREA.--19.2 mi².

WATER-STAGE RECORDS

PERIOD OF RECORD.--September 1999 to current year (gage height record).

GAGE.--Water-stage recorder. Datum of gage is sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.77 ft, Mar. 29, 2000; minimum, -0.37 ft, Sept. 25, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.94 ft, June 11; minimum, -0.37 ft, Sept. 25.

REMARKS.--Records good.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.48	.27	.88	1.79	.07	.87	1.11	.35	.61	---	---	---
2	1.55	.16	.85	1.95	.18	1.00	1.31	.33	.57	---	---	---
3	1.61	.11	.83	1.78	.10	.87	.35	.31	.32	---	---	---
4	1.79	.20	.95	1.41	.19	.81	.40	.30	.33	---	---	---
5	1.54	.16	.83	1.62	.41	1.01	.63	.29	.35	---	---	---
6	2.80	.85	1.53	4.51	1.36	2.35	.83	.31	.47	---	---	---
7	.88	.18	.46	3.66	1.25	1.94	1.11	.29	.57	---	---	---
8	.18	.08	.12	2.86	1.58	2.13	1.02	.28	.54	---	---	---
9	.16	.07	.10	2.93	1.34	2.12	1.80	.29	.74	.62	.15	.22
10	.50	.08	.20	1.34	.33	.79	1.78	.27	.82	1.00	.15	.26
11	.47	-.02	.20	1.88	.10	.83	2.04	.26	.84	1.13	.19	.55
12	.95	.15	.55	2.02	.11	.95	2.04	.24	.57	1.16	.17	.37
13	1.35	.10	.71	2.02	.08	.81	2.61	.24	.86	.76	.15	.33
14	1.54	.13	.84	1.22	.23	.54	2.30	.84	1.37	.92	.15	.39
15	1.72	.10	.90	1.46	.11	.49	1.20	.46	.72	1.03	.26	.65
16	1.83	.03	.85	1.73	.20	1.18	1.66	.44	1.06	1.06	.77	.89
17	1.96	.08	.97	1.96	.45	.93	.93	.29	.39	.98	.53	.71
18	1.76	.02	.72	2.68	.50	1.66	.68	.27	.38	1.48	.37	.78
19	1.64	.03	.73	2.15	.91	1.51	.67	.34	.46	1.22	.53	.90
20	1.72	.09	.86	1.00	.43	.69	.67	.30	.36	.78	.38	.52
21	1.65	.28	.95	.50	.24	.29	1.11	.28	.60	.48	.28	.34
22	1.75	.49	1.13	.62	.20	.29	.69	.42	.53	.66	.24	.32
23	1.38	.53	1.00	1.30	.17	.54	.98	.33	.46	.75	.22	.33
24	1.25	.54	.90	4.73	.30	2.30	.92	.29	.41	.85	.20	.37
25	1.48	.31	.98	2.73	1.27	1.73	1.08	.28	.42	.87	.18	.31
26	1.71	.34	1.08	2.09	.92	1.26	1.45	.26	.52	.99	.17	.37
27	1.80	.20	1.04	1.72	.54	.95	1.89	.26	1.00	1.09	.18	.48
28	1.95	.08	.92	1.67	.45	.81	---	---	---	1.13	.19	.50
29	1.99	.14	1.02	1.54	.41	.74	---	---	---	2.02	.59	1.25
30	1.95	.09	.94	1.19	.36	.52	---	---	---	1.60	.72	1.09
31	1.92	.05	.88	---	---	---	---	---	---	.94	.39	.71
MONTH	2.80	-.02	.80	4.73	.07	1.10	2.61	.24	.60	2.02	.15	.55

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE.--October 1999 to current year.

WATER TEMPERATURE.--October 1999 to current year.

DISSOLVED OXYGEN.--April 2000 to current year.

TURBIDITY.--April 2000 to current year.

INSTRUMENTATION.--Water-quality monitor since September 1999.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 445 microSiemens, Sept. 17, 2000; minimum, 26 microSiemens, Aug. 12, 2001.

WATER TEMPERATURE.--Maximum, 35.2°C, July 8, 2000; minimum, 5.3°C, Jan. 4, 2001.

DISSOLVED OXYGEN.--Maximum, 12.3 mg/L, May 28, 2000; minimum, 0.0 mg/L, several days in 2000 water year.

TURBIDITY.--Maximum, 980 NTU, Aug. 14, 2001; minimum, 0.0 NTU, several days in 2000 water year.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 309 microSiemens, Oct. 5; minimum, 26 microSiemens, Aug. 12.

WATER TEMPERATURE.--Maximum, 33.6°C, Aug. 25; minimum, 5.3°C, Jan. 4.

DISSOLVED OXYGEN.--Maximum, 12.0 mg/L, Oct. 28; minimum, 0.2 mg/L, Aug. 26.

TURBIDITY.--Maximum, 980 NTU, Aug. 14; minimum, 1.0 NTU, several days.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)
NOV													
14...	1330	17.8	16.8	773	.34	32	7.7	16	20	84	90	9.8	103
FEB													
14...	0930	18.7	20.0	773	.21	20	2.2	16	20	113	111	8.6	92
MAR													
12...	1445	16.8	--	E764	5.62	--	530	800	400	63	65	9.4	97
APR													
10...	0750	24.0	24.0	770	1.25	20	--	9.6	10	119	122	5.8	68
JUN													
20...	1715	31.0	--	--	.24	24	--	4.5	--	100	106	9.4	126
JUL													
19...	1510	33.0	--	--	1.35	--	--	4.9	--	101	110	9.4	132
31...	1710	28.0	27.0	772	.24	27	--	6.0	--	110	108	7.4	95
AUG													
07...	1440	31.0	30.2	772	1.84	47	--	5.6	--	96	100	8.6	116

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)
NOV													
14...	1.2	6.7	7.5	.0	27	22	660	960	180	<.1	<.1	1.3	.61
FEB													
14...	.7	6.6	7.7	.0	41	34	200	700	180	<.1	<.1	.99	.91
MAR													
12...	4.6	6.4	7.1	.0	23	18	E17000	E21000	E47000	--	--	2.4	.74
APR													
10...	.8	6.2	--	--	--	--	180	90	90	<.1	<.1	.79	.75
JUN													
20...	1.2	6.1	--	--	--	--	450	750	100	--	--	.47	.49
JUL													
19...	1.4	6.6	--	--	--	--	390	290	280	<.1	<.1	.69	.49
31...	.8	6.3	--	--	--	--	120	70	E20	<.1	<.1	.74	.64
AUG													
07...	1.5	6.4	--	--	--	--	420	150	37	<.1	<.1	.56	.56

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
NOV 14...	.92	.22	.180	.18	<.010	<.01	--	--	.40	1.1	.2	.210	.23
FEB 14...	.38	.33	.122	.16	<.010	<.01	--	--	.45	.54	.5	.460	.21
MAR 12...	2.0	.37	.167	.21	.010	.02	.190	.21	.54	2.2	.2	.200	.27
APR 10...	.30	.27	.100	.10	.010	.01	.370	.38	.37	.40	.4	.380	.13
JUN 20...	.31	.33	.036	.04	<.010	<.01	--	--	.37	.35	.1	.120	.05
JUL 19...	.54	.34	.060	.06	<.010	<.01	--	--	.40	.60	.1	.090	.08
31...	.39	.29	.110	.11	<.010	<.01	--	--	.40	.50	.2	.240	.14
AUG 07...	.44	.44	.060	.06	<.010	<.01	--	--	.50	.50	.1	.060	.08
DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
NOV 14...	.23	--	--	5.8	.031	.012	.026	.011	.004	2.8	.010	32	10
FEB 14...	.16	--	--	4.4	.028	--	.030	.006	<.001	2.8	.009	42	8
MAR 12...	.22	.841	.033	10.8	.061	.009	.300	.020	.003	5.9	.020	22	3
APR 10...	.13	1.64	.033	3.5	.015	.003	.020	.010	.001	--	.005	--	--
JUN 20...	.05	--	--	2.1	--	--	.020	.007	Ec.001	--	Ec.002	--	--
JUL 19...	.08	--	--	3.1	--	--	.016	.007	Ec.007	--	Ec.015	--	--
31...	.14	--	--	3.3	--	--	.004	<.002	Ec.004	--	Ec.006	--	--
AUG 07...	.08	--	--	2.5	--	--	<.002	.004	Ec.001	--	Ec.006	--	--
DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
NOV 14...	11.0	1.20	3.6	.3	19	1.30	5.7	6.6	<.1	4.6	20	1000	350
FEB 14...	14.0	1.60	5.3	.4	21	1.00	7.1	9.3	<.1	5.0	20	860	300
MAR 12...	7.80	.600	2.0	.2	16	.90	2.8	3.6	<.1	1.8	10	5500	180
DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)						
NOV 14...	28	24.0	4	56	49	4.76	.08						
FEB 14...	88	83.0	7	78	66	4.13	.11						
MAR 12...	230	52.0	680	39	32	--	.05						
JUN 20...	--	--	3	--	--	--	--						
JUL 19...	--	--	4	--	--	--	--						
31...	--	--	2	--	--	--	--						
AUG 07...	--	--	4	--	--	--	--						

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	166	102	137	212	111	149	111	108	109	113	109	111
2	217	138	162	277	111	167	110	108	108	111	106	108
3	271	143	189	245	113	163	108	106	107	122	107	111
4	290	140	203	188	119	157	110	107	108	146	109	120
5	309	142	198	188	101	127	110	108	109	146	107	121
6	232	71	135	115	48	102	112	110	110	200	108	123
7	118	93	110	90	68	83	112	108	109	232	109	141
8	118	116	117	95	86	89	111	108	109	141	112	119
9	119	112	116	104	89	96	111	108	109	114	106	109
10	114	106	110	94	88	90	113	110	112	112	107	109
11	122	104	110	99	94	96	112	107	109	122	107	113
12	124	106	113	101	96	99	109	104	107	119	112	115
13	127	113	117	104	79	95	107	82	104	127	114	119
14	127	108	116	95	78	86	103	81	95	131	114	120
15	115	104	108	104	95	99	107	100	104	119	104	112
16	108	103	106	106	76	95	115	107	111	121	103	111
17	108	103	105	103	83	93	116	108	111	130	121	125
18	110	102	106	106	63	82	109	106	107	145	125	133
19	115	105	108	91	69	79	113	104	110	144	124	135
20	123	103	110	99	91	94	107	101	103	133	124	127
21	131	105	115	110	99	105	114	104	109	129	127	128
22	156	102	120	114	108	111	112	102	105	129	120	125
23	153	109	127	116	108	112	115	106	109	125	119	120
24	146	102	114	116	65	97	117	114	115	123	118	120
25	131	100	108	112	97	107	119	116	117	123	118	119
26	140	100	113	111	108	110	121	117	119	122	116	118
27	128	98	115	114	110	112	122	108	118	121	116	119
28	154	96	120	113	110	112	108	87	101	121	118	119
29	185	97	131	111	108	110	110	98	102	119	97	114
30	206	100	125	112	108	109	112	106	109	110	96	105
31	198	98	132	---	---	---	111	108	109	121	110	115
MONTH	309	71	126	277	48	108	122	81	109	232	96	119
FEBRUARY			MARCH			APRIL			MAY			
1	123	117	120	122	105	114	121	114	116	144	131	138
2	123	117	119	125	122	124	122	115	117	140	129	135
3	131	118	121	137	62	103	126	115	121	140	129	134
4	119	116	117	106	83	95	128	119	124	139	127	134
5	118	114	115	118	106	112	125	117	121	138	130	134
6	116	113	114	129	117	121	126	117	121	133	126	129
7	116	108	111	143	129	136	123	118	121	132	125	128
8	112	107	109	150	143	146	123	117	121	---	---	---
9	112	95	109	152	146	149	125	119	121	---	---	---
10	107	92	99	150	142	147	125	118	122	---	---	---
11	111	104	108	153	144	149	123	114	119	---	---	---
12	114	110	113	---	---	---	119	113	116	---	---	---
13	116	114	115	---	---	---	119	112	115	---	---	---
14	119	114	115	100	50	90	122	115	119	---	---	---
15	120	113	116	114	50	91	125	114	121	---	---	---
16	122	113	117	137	105	120	126	107	116	---	---	---
17	118	112	113	166	131	145	126	111	117	---	---	---
18	116	110	112	206	166	180	119	114	116	---	---	---
19	112	107	110	219	206	212	129	118	121	---	---	---
20	113	109	111	217	157	181	126	120	123	---	---	---
21	121	106	113	159	112	138	127	119	122	---	---	---
22	118	111	113	120	112	116	125	120	122	---	---	---
23	120	114	117	131	115	120	140	119	124	---	---	---
24	118	115	116	138	118	123	141	96	125	---	---	---
25	125	116	119	125	114	119	148	113	125	---	---	---
26	123	116	118	124	114	116	149	123	137	---	---	---
27	120	116	118	136	109	119	153	117	136	---	---	---
28	118	87	107	113	101	109	138	123	131	---	---	---
29	---	---	---	110	99	103	145	128	135	---	---	---
30	---	---	---	119	107	112	145	125	134	---	---	---
31	---	---	---	121	112	114	---	---	---	---	---	---
MONTH	131	87	114	219	50	128	153	96	123	144	125	133

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	---	---	---	108	102	105	187	103	125
2	---	---	---	---	---	---	109	97	103	197	110	129
3	---	---	---	---	---	---	121	103	109	166	49	103
4	---	---	---	---	---	---	130	102	109	108	40	85
5	---	---	---	---	---	---	148	70	106	---	---	---
6	---	---	---	---	---	---	123	96	106	---	---	---
7	---	---	---	---	---	---	125	97	109	---	---	---
8	---	---	---	---	---	---	114	98	104	---	---	---
9	---	---	---	---	---	---	129	104	110	---	---	---
10	---	---	---	---	---	---	180	102	124	---	---	---
11	---	---	---	---	---	---	123	33	76	---	---	---
12	---	---	---	---	---	---	74	26	61	---	---	---
13	---	---	---	---	---	---	86	53	73	114	105	108
14	---	---	---	---	---	---	90	60	77	118	103	111
15	---	---	---	---	---	---	---	---	---	131	109	116
16	---	---	---	---	---	---	---	---	---	135	110	116
17	---	---	---	---	---	---	123	56	100	142	110	116
18	---	---	---	---	---	---	159	112	125	135	110	120
19	---	---	---	---	---	---	150	102	120	139	100	113
20	---	---	---	---	---	---	122	100	107	133	105	116
21	---	---	---	---	---	---	129	116	121	137	107	120
22	---	---	---	---	---	---	131	118	123	130	108	117
23	---	---	---	---	---	---	159	123	131	133	58	105
24	---	---	---	---	---	---	261	123	160	98	69	84
25	---	---	---	---	---	---	274	127	164	98	87	92
26	---	---	---	---	---	---	277	124	173	114	97	107
27	---	---	---	---	---	---	299	103	153	122	110	113
28	---	---	---	---	---	---	120	74	101	124	113	116
29	---	---	---	---	---	---	88	76	82	126	111	117
30	---	---	---	---	---	---	107	88	96	133	115	120
31	---	---	---	---	---	---	128	100	107	---	---	---
MONTH	---	---	---	---	---	---	299	26	112	197	40	111
YEAR	309	26	117									

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.4	22.5	24.6	25.2	21.3	23.0	16.3	12.9	14.6	10.7	7.4	8.5
2	27.8	22.6	24.8	24.8	21.6	22.9	15.5	12.9	14.5	9.3	6.4	7.5
3	27.7	22.5	24.7	25.4	21.2	22.8	14.3	11.0	12.5	7.7	5.8	6.6
4	27.9	22.5	24.7	25.0	21.3	22.7	14.1	9.9	11.6	9.2	5.3	6.9
5	27.5	23.1	25.0	23.4	22.3	22.7	14.0	9.7	11.6	11.8	6.9	9.0
6	26.4	23.9	24.9	23.0	22.0	22.4	13.1	10.0	11.5	13.1	8.7	10.6
7	24.2	19.8	22.8	24.0	22.5	23.2	14.6	10.5	12.4	13.3	9.5	11.5
8	20.4	16.0	18.2	24.1	22.5	23.4	14.5	12.3	13.4	14.4	10.9	12.4
9	19.2	14.5	16.4	24.2	21.2	23.4	17.1	13.8	15.2	12.9	8.8	10.7
10	19.7	14.7	16.9	21.2	17.4	19.3	18.4	14.6	16.2	11.8	7.8	9.5
11	22.0	15.3	18.1	19.8	15.6	17.7	18.5	15.2	16.6	10.7	8.4	9.7
12	21.6	15.7	18.4	20.0	15.0	17.7	16.9	12.3	14.8	12.6	10.2	10.9
13	23.7	16.4	19.8	18.2	16.3	17.1	16.9	11.5	13.4	13.9	10.2	11.6
14	24.2	17.5	20.7	17.2	14.3	15.7	16.9	13.9	15.7	15.7	11.0	13.2
15	24.6	18.3	21.5	17.2	13.2	15.1	14.2	12.7	13.6	14.3	13.2	13.8
16	25.5	19.4	22.0	16.3	14.4	15.3	19.5	14.0	16.8	13.2	11.6	12.3
17	25.3	20.5	22.6	16.2	14.6	15.6	16.0	10.5	13.0	15.1	11.6	13.3
18	26.4	21.1	23.2	14.6	10.6	12.3	13.7	9.1	11.4	16.5	15.1	15.9
19	25.2	20.8	22.3	12.0	11.1	11.5	11.4	7.9	10.2	16.9	12.6	15.6
20	25.3	20.9	22.5	13.1	10.3	11.8	10.4	6.7	8.2	12.6	10.3	11.5
21	25.9	21.1	22.9	13.2	10.6	11.8	10.2	7.8	8.8	12.3	9.3	10.6
22	25.6	21.5	23.1	13.6	9.9	11.4	9.3	6.7	7.9	12.5	8.9	10.2
23	25.3	21.3	22.9	14.0	11.0	12.5	10.7	6.8	8.4	12.4	8.6	10.1
24	25.0	20.4	22.3	15.9	12.7	14.2	11.9	7.8	9.6	14.0	9.4	11.3
25	24.8	19.7	22.0	15.8	14.8	15.2	12.6	8.8	10.5	14.8	10.7	12.1
26	24.8	19.7	22.1	15.7	13.4	14.7	12.5	9.6	11.0	13.8	9.9	11.8
27	25.2	20.0	22.6	16.2	13.3	14.7	12.5	10.9	11.6	14.3	11.7	13.0
28	25.0	20.3	23.1	16.2	13.7	14.7	11.3	9.7	10.6	18.1	12.9	15.2
29	25.8	21.0	23.5	18.1	13.9	15.8	10.8	8.6	9.6	17.4	14.4	15.9
30	25.9	21.3	23.5	18.1	14.2	15.8	9.6	7.2	8.3	15.9	13.3	14.6
31	25.3	21.3	23.2	---	---	---	9.3	6.3	7.6	15.7	13.8	14.8
MONTH	27.9	14.5	22.1	25.4	9.9	17.2	19.5	6.3	12.0	18.1	5.3	11.6

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	14.9	12.3	13.4	21.5	19.0	20.4	25.0	17.5	20.8	27.8	21.2	25.2
2	12.3	11.1	11.9	22.9	20.5	21.5	25.7	16.8	21.1	26.6	21.6	24.6
3	11.9	10.2	11.0	21.5	19.3	20.4	25.4	19.7	22.4	29.3	20.6	24.9
4	14.7	9.8	11.9	19.9	17.5	18.7	25.8	22.1	23.7	31.0	21.8	25.9
5	16.0	11.1	13.1	19.2	15.3	17.2	29.5	21.4	24.7	29.8	22.3	25.1
6	16.6	11.3	13.6	18.0	13.9	16.0	30.2	22.5	25.3	29.9	21.7	24.4
7	18.6	12.6	15.2	18.6	14.1	16.1	28.9	23.0	24.8	29.6	22.1	24.6
8	19.4	14.4	16.5	20.2	14.7	17.2	27.8	23.4	24.8	---	---	---
9	20.0	16.1	18.0	17.3	14.5	16.5	28.6	22.8	24.8	---	---	---
10	17.5	14.5	15.7	19.1	12.7	15.6	30.6	23.8	25.8	---	---	---
11	15.7	12.9	14.3	21.2	14.4	17.4	27.6	23.7	25.2	---	---	---
12	19.1	14.5	16.7	18.0	16.5	17.0	29.4	23.9	25.6	---	---	---
13	19.6	17.7	18.5	21.3	16.3	18.5	29.5	25.2	26.6	---	---	---
14	20.1	18.3	19.1	18.5	14.2	17.3	29.9	25.5	27.1	---	---	---
15	22.6	19.2	20.7	20.1	14.2	17.1	29.3	24.8	26.4	---	---	---
16	22.7	19.3	21.5	21.0	15.7	18.4	29.2	22.4	25.5	---	---	---
17	19.3	13.7	17.0	18.5	15.1	15.9	26.3	18.4	23.0	---	---	---
18	17.4	12.0	14.3	18.5	14.0	16.1	25.3	16.2	20.1	---	---	---
19	18.7	12.2	15.4	17.2	14.2	15.8	26.6	16.7	21.0	---	---	---
20	20.6	15.8	18.1	14.2	12.3	13.0	27.8	17.9	22.2	---	---	---
21	18.9	18.0	18.4	---	---	---	28.0	20.5	23.4	---	---	---
22	21.0	17.6	19.0	22.0	14.3	17.6	28.7	20.7	23.6	---	---	---
23	20.2	16.2	18.0	23.8	16.3	19.3	30.3	21.5	24.5	---	---	---
24	19.7	17.2	18.6	23.6	17.6	20.0	25.2	20.9	23.2	---	---	---
25	21.2	19.2	20.0	22.9	17.4	19.5	24.9	19.2	21.6	---	---	---
26	23.8	19.2	21.2	21.9	15.4	17.9	26.1	18.8	21.9	---	---	---
27	25.2	20.3	22.5	18.5	14.6	16.2	27.1	18.7	22.2	---	---	---
28	21.6	19.3	20.9	14.6	12.9	13.7	27.6	19.7	23.2	---	---	---
29	---	---	---	18.3	12.9	15.4	28.2	20.1	24.4	---	---	---
30	---	---	---	23.2	17.7	19.7	27.1	20.8	24.2	---	---	---
31	---	---	---	23.8	18.4	20.5	---	---	---	---	---	---
MONTH	25.2	9.8	16.9	23.8	12.3	17.5	30.6	16.2	23.8	31.0	20.6	25.0
JUNE				JULY			AUGUST			SEPTEMBER		
1	---	---	---	---	---	---	31.7	26.0	28.3	28.9	25.2	26.7
2	---	---	---	---	---	---	32.6	26.2	28.4	29.5	25.5	26.8
3	---	---	---	---	---	---	32.0	26.0	28.3	29.0	25.8	26.8
4	---	---	---	---	---	---	32.5	26.6	29.0	28.1	25.1	26.0
5	---	---	---	---	---	---	30.3	27.5	28.8	27.6	24.1	25.8</

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.2	2.5	5.8	9.9	4.6	6.5	11.4	10.1	10.8	10.5	9.5	10.1
2	6.9	1.9	4.5	---	---	---	---	---	---	10.6	9.5	10.3
3	6.3	.4	3.2	---	---	---	---	---	---	10.3	9.8	10.1
4	5.9	.4	2.0	---	---	---	---	---	---	---	---	---
5	6.0	.4	2.2	---	---	---	---	---	---	---	---	---
6	7.5	.3	3.7	---	---	---	---	---	---	---	---	---
7	7.4	5.6	6.4	7.8	6.4	7.1	---	---	---	---	---	---
8	9.2	6.2	7.9	6.6	3.9	5.3	---	---	---	---	---	---
9	10.4	6.7	8.9	6.3	3.6	5.1	---	---	---	11.4	9.5	10.5
10	11.6	7.1	9.0	7.5	4.1	6.4	---	---	---	11.9	10.3	11.0
11	10.6	6.9	9.0	7.6	4.1	6.0	---	---	---	11.5	9.5	10.7
12	10.0	6.3	8.1	7.8	4.0	6.0	---	---	---	11.6	9.5	10.4
13	10.3	6.4	8.3	6.9	3.7	5.2	---	---	---	11.4	9.0	10.2
14	10.4	5.9	8.1	9.0	5.3	7.7	9.5	8.8	9.2	11.2	8.7	9.6
15	10.8	5.6	8.1	9.7	8.0	8.8	9.9	8.5	9.5	9.6	8.5	9.1
16	10.8	5.5	7.9	9.2	7.7	8.6	9.0	7.9	8.4	10.2	9.6	10.0
17	10.4	5.0	7.2	9.4	8.7	9.1	10.1	7.9	9.3	10.2	7.0	9.3
18	10.7	3.7	6.5	11.6	9.0	10.5	10.6	9.4	10.0	9.2	6.7	8.1
19	11.0	4.3	6.8	11.4	10.7	11.1	10.7	9.7	10.2	9.1	6.3	8.1
20	10.5	4.3	6.8	11.2	9.9	10.7	11.3	10.4	10.8	10.4	8.9	9.7
21	9.1	3.5	6.0	10.7	9.9	10.4	10.7	9.1	10.2	10.7	9.1	9.9
22	8.1	2.3	5.2	11.0	10.1	10.6	11.5	10.3	10.9	10.6	9.2	9.8
23	8.8	2.3	5.4	10.6	9.1	10.0	11.1	9.5	10.6	10.3	8.9	9.5
24	9.9	2.1	6.6	10.6	7.8	9.6	---	---	---	10.0	8.3	9.0
25	10.9	4.9	7.6	10.4	9.4	9.9	---	---	---	9.7	7.7	8.6
26	11.0	5.0	7.5	10.5	9.3	10.1	---	---	---	9.2	7.4	8.1
27	11.2	5.5	8.3	10.7	8.8	10.1	---	---	---	8.5	6.9	7.6
28	12.0	5.4	8.3	10.4	8.5	10.0	---	---	---	---	---	---
29	11.9	5.1	8.0	10.7	8.4	10.0	11.1	10.3	10.8	---	---	---
30	11.7	5.5	8.1	10.8	9.9	10.4	11.1	10.3	10.7	---	---	---
31	10.5	4.4	6.9	---	---	---	11.0	10.0	10.7	---	---	---
MONTH	12.0	.3	6.7	11.6	3.6	8.6	11.5	7.9	10.2	11.9	6.3	9.5
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	10.3	7.5	8.7	9.0	4.5	6.4
2	---	---	---	7.9	6.2	7.3	10.3	7.2	8.6	8.9	3.6	6.3
3	---	---	---	8.8	6.2	7.9	9.5	7.0	8.2	---	---	---
4	---	---	---	9.1	8.0	8.6	9.2	6.2	7.2	---	---	---
5	---	---	---	9.1	8.0	8.6	9.9	6.2	7.8	---	---	---
6	---	---	---	9.3	7.6	8.5	10.1	5.8	7.5	---	---	---
7	---	---	---	7.6	6.5	7.1	9.7	5.6	7.0	---	---	---
8	11.5	8.2	9.4	7.4	4.8	6.5	9.7	5.0	7.0	---	---	---
9	11.1	6.5	8.7	7.0	4.6	6.2	9.5	5.5	6.8	---	---	---
10	11.0	8.9	9.7	7.0	4.6	6.0	8.9	5.3	6.7	---	---	---
11	11.3	8.8	9.9	7.0	4.1	5.8	7.9	5.1	6.4	---	---	---
12	10.7	8.0	9.1	10.2	4.7	8.2	7.9	5.4	6.5	---	---	---
13	9.7	6.7	8.0	9.9	8.7	9.3	7.8	5.7	6.6	---	---	---
14	9.8	6.8	7.8	10.6	8.7	9.2	7.8	5.0	6.2	---	---	---
15	9.6	5.0	7.6	10.6	7.4	9.1	8.1	5.0	6.4	---	---	---
16	8.2	4.8	6.8	9.0	6.7	8.0	8.2	5.3	6.9	---	---	---
17	10.4	6.3	8.6	9.1	7.0	8.4	9.7	5.3	7.3	---	---	---
18	10.5	7.7	8.9	9.2	6.9	8.5	10.5	6.3	8.4	---	---	---
19	11.2	6.8	9.3	8.8	6.3	8.1	9.8	6.3	7.7	---	---	---
20	10.1	6.7	8.2	9.4	7.4	8.7	10.1	6.0	7.8	---	---	---
21	8.9	6.5	7.9	---	---	---	10.2	5.1	7.2	---	---	---
22	9.7	7.1	8.1	8.3	4.6	7.3	10.5	5.1	6.9	---	---	---
23	10.0	7.3	8.4	8.4	5.2	7.5	9.9	3.5	5.7	---	---	---
24	9.6	6.6	8.0	8.6	4.7	7.3	8.7	3.1	6.1	---	---	---
25	9.0	6.6	7.4	9.2	4.8	7.6	8.5	4.4	7.0	---	---	---
26	9.2	6.7	7.6	10.1	6.4	8.3	7.7	4.9	6.6	---	---	---
27	9.0	6.0	7.1	11.1	5.9	8.6	7.6	4.0	5.6	---	---	---
28	8.3	5.1	7.1	10.5	8.6	9.6	8.3	4.5	6.5	---	---	---
29	---	---	---	10.4	8.7	9.7	9.5	5.0	7.1	---	---	---
30	---	---	---	10.2	7.2	8.5	8.8	4.6	6.3	---	---	---
31	---	---	---	10.1	7.4	8.5	---	---	---	---	---	---
MONTH	11.5	4.8	8.3	11.1	4.1	8.0	10.5	3.1	7.0	9.0	3.6	6.4

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	---	---	---	9.0	6.0	7.2	7.6	2.0	5.4
2	---	---	---	---	---	---	8.9	5.5	6.7	8.0	1.9	5.3
3	---	---	---	---	---	---	8.3	4.7	6.0	7.9	2.8	6.5
4	---	---	---	---	---	---	8.7	3.5	6.2	---	---	---
5	---	---	---	---	---	---	7.4	2.0	5.2	---	---	---
6	---	---	---	---	---	---	6.9	3.5	5.3	---	---	---
7	---	---	---	---	---	---	7.8	3.7	5.7	---	---	---
8	---	---	---	---	---	---	7.9	4.2	6.1	---	---	---
9	---	---	---	---	---	---	9.5	3.3	6.4	---	---	---
10	---	---	---	---	---	---	9.4	.3	5.4	---	---	---
11	---	---	---	---	---	---	8.2	1.1	6.2	---	---	---
12	---	---	---	---	---	---	8.3	7.8	8.0	---	---	---
13	---	---	---	---	---	---	8.1	7.5	7.9	8.7	6.7	7.5
14	---	---	---	---	---	---	8.0	6.9	7.5	9.0	6.4	7.4
15	---	---	---	---	---	---	---	---	---	8.9	5.5	7.2
16	---	---	---	---	---	---	---	---	---	9.0	6.2	7.5
17	---	---	---	---	---	---	7.7	5.7	6.7	9.4	4.7	7.3
18	---	---	---	---	---	---	7.3	5.3	6.5	8.9	6.7	8.0
19	---	---	---	---	---	---	7.5	5.9	6.8	8.7	7.0	7.9
20	---	---	---	---	---	---	7.8	6.4	7.2	9.4	7.0	8.2
21	---	---	---	---	---	---	8.0	6.1	7.1	9.4	6.5	7.9
22	---	---	---	---	---	---	8.2	6.0	7.0	10.2	6.8	8.0
23	---	---	---	---	---	---	8.8	3.3	6.8	10.2	6.3	8.2
24	---	---	---	---	---	---	9.2	.8	5.8	8.9	8.1	8.5
25	---	---	---	---	---	---	9.5	.4	5.7	8.5	7.8	8.2
26	---	---	---	---	---	---	9.7	.2	5.1	8.2	7.1	7.8
27	---	---	---	---	---	---	9.3	.3	5.7	8.1	7.2	7.6
28	---	---	---	---	---	---	7.4	5.5	6.5	8.1	5.8	7.4
29	---	---	---	---	---	---	---	---	---	8.1	5.7	7.1
30	---	---	---	---	---	---	7.7	5.3	6.5	8.2	3.3	7.0
31	---	---	---	---	---	---	7.7	3.7	6.1	---	---	---
MONTH	---	---	---	---	---	---	9.7	.2	6.4	10.2	1.9	7.4
YEAR	12.0	.2	7.8	---	---	---	---	---	---	---	---	---

TURBIDITY (NTU), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	4.0	.0	.6
2	---	---	---	---	---	---	---	---	---	3.0	.0	.5
3	---	---	---	---	---	---	---	---	---	1.0	.0	.3
4	---	---	---	---	---	---	---	---	---	14	.0	1.9
5	---	---	---	---	---	---	---	---	---	6.0	.0	1.0
6	---	---	---	---	---	---	---	---	---	9.0	.0	1.9
7	---	---	---	---	---	---	---	---	---	4.0	.0	.6
8	---	---	---	---	---	---	---	---	---	1.0	.0	.7
9	---	---	---	---	---	---	---	---	---	4.0	.0	.6
10	---	---	---	---	---	---	---	---	---	22	.0	6.0
11	---	---	---	---	---	---	---	---	---	21	3.0	8.0
12	---	---	---	---	---	---	---	---	---	8.0	3.0	4.2
13	---	---	---	---	---	---	---	---	---	35	2.0	11
14	---	---	---	---	---	---	1.0	.0	.2	19	3.0	8.1
15	---	---	---	---	---	---	.0	.0	.0	3.0	2.0	2.7
16	---	---	---	---	---	---	---	---	---	34	2.0	5.0
17	---	---	---	---	---	---	---	---	---	9.0	2.0	3.7
18	---	---	---	---	---	---	---	---	---	30	1.0	3.7
19	---	---	---	---	---	---	---	---	---	3.0	1.0	2.1
20	---	---	---	---	---	---	---	---	---	3.0	1.0	1.9
21	---	---	---	---	---	---	---	---	---	11	1.0	2.2
22	---	---	---	---	---	---	---	---	---	7.0	1.0	3.2
23	---	---	---	---	---	---	---	---	---	3.0	1.0	1.8
24	---	---	---	---	---	---	---	---	---	4.0	1.0	1.8
25	---	---	---	---	---	---	---	---	---	3.0	1.0	1.6
26	---	---	---	---	---	---	---	---	---	2.0	1.0	1.5
27	---	---	---	---	---	---	10	3.0	6.6	3.0	1.0	1.7
28	---	---	---	---	---	---	3.0	1.0	1.6	42	1.0	10
29	---	---	---	---	---	---	3.0	1.0	1.3	33	2.0	7.9
30	---	---	---	---	---	---	2.0	.0	.7	4.0	2.0	2.8
31	---	---	---	---	---	---	---	---	---	5.0	2.0	3.2
MONTH	---	---	---	---	---	---	10	.0	1.7	42	.0	3.3

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

TURBIDITY (NTU), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.0	1.0	2.6	5.0	2.0	2.9	31	3.0	6.4	260	2.0	35
2	5.0	1.0	2.4	3.0	1.0	2.1	16	3.0	6.7	82	5.0	16
3	4.0	1.0	1.8	3.0	1.0	1.8	39	3.0	6.0	10	5.0	7.1
4	3.0	1.0	1.5	4.0	1.0	2.2	4.0	2.0	2.9	9.0	6.0	7.5
5	45	1.0	6.8	3.0	1.0	1.8	7.0	2.0	3.2	10	4.0	5.6
6	5.0	3.0	3.6	---	---	---	5.0	2.0	3.2	6.0	1.0	3.8
7	10	2.0	2.6	8.0	.0	1.3	8.0	1.0	2.6	---	---	---
8	5.0	2.0	3.1	2.0	.0	.8	4.0	1.0	2.5	---	---	---
9	---	---	---	3.0	1.0	1.2	5.0	1.0	2.0	---	---	---
10	3.0	2.0	2.2	3.0	.0	1.3	34	1.0	6.5	---	---	---
11	9.0	2.0	2.5	8.0	1.0	2.5	20	4.0	8.2	---	---	---
12	4.0	2.0	2.3	5.0	1.0	2.5	14	3.0	5.5	---	---	---
13	4.0	2.0	2.6	3.0	1.0	1.8	13	2.0	4.2	---	---	---
14	4.0	2.0	2.4	3.0	1.0	1.9	8.0	2.0	4.0	---	---	---
15	24	2.0	10	2.0	.0	1.2	6.0	1.0	2.9	5.0	3.0	4.5
16	7.0	3.0	4.4	16	.0	2.9	5.0	2.0	2.7	8.0	2.0	4.5
17	16	4.0	6.7	---	---	---	10	2.0	3.3	---	---	---
18	120	10	33	4.0	2.0	3.0	4.0	1.0	2.0	11	2.0	4.7
19	27	7.0	10	4.0	2.0	2.7	3.0	.0	1.7	4.0	1.0	2.3
20	7.0	4.0	6.0	4.0	2.0	2.4	5.0	.0	1.9	---	---	---
21	5.0	3.0	4.1	140	1.0	38	20	1.0	5.5	---	---	---
22	6.0	2.0	2.8	63	6.0	31	5.0	1.0	2.2	8.0	2.0	3.4
23	3.0	2.0	2.3	8.0	3.0	4.5	9.0	1.0	2.6	6.0	1.0	2.9
24	9.0	1.0	2.9	5.0	3.0	3.8	---	---	---	6.0	2.0	4.1
25	79	1.0	35	16	3.0	4.4	---	---	---	---	---	---
26	120	1.0	39	36	3.0	5.3	---	---	---	---	---	---
27	26	5.0	9.1	7.0	2.0	4.0	---	---	---	3.0	1.0	1.5
28	20	5.0	9.9	5.0	2.0	2.9	---	---	---	3.0	1.0	1.7
29	65	4.0	8.3	5.0	2.0	3.2	---	---	---	2.0	1.0	1.8
30	6.0	3.0	4.1	6.0	2.0	4.0	6.0	1.0	2.4	2.0	1.0	1.8
31	---	---	---	17	2.0	6.2	7.0	1.0	3.2	---	---	---
MONTH	120	1.0	7.7	140	.0	5.0	39	.0	3.8	260	1.0	6.4
YEAR	260	.0	4.9									

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.0	1.0	2.0	8.0	1.0	1.8	27	9.0	12	280	7.0	37
2	4.0	1.0	1.4	---	---	---	12	9.0	9.4	430	10	140
3	6.0	1.0	1.6	---	---	---	---	---	---	460	7.0	130
4	4.0	1.0	1.6	---	---	---	---	---	---	150	4.0	58
5	3.0	1.0	1.5	---	---	---	---	---	---	120	4.0	39
6	150	2.0	53	---	---	---	---	---	---	300	5.0	110
7	78	4.0	12	130	11	41	---	---	---	98	5.0	28
8	4.0	2.0	3.3	11	7.0	8.1	---	---	---	---	---	---
9	4.0	2.0	2.5	23	7.0	11	---	---	---	---	---	---
10	---	---	---	11	6.0	7.2	---	---	---	330	6.0	86
11	6.0	2.0	3.2	10	5.0	6.1	---	---	---	180	9.0	51
12	3.0	2.0	2.2	7.0	4.0	5.4	---	---	---	87	7.0	22
13	6.0	1.0	2.9	83	4.0	18	---	---	---	160	6.0	50
14	6.0	2.0	2.9	22	6.0	13	100	8.0	29	83	4.0	22
15	3.0	1.0	1.6	10	4.0	5.1	8.0	4.0	5.6	200	4.0	60
16	2.0	1.0	1.3	87	3.0	24	6.0	4.0	4.4	140	27	48
17	7.0	1.0	1.8	37	7.0	14	6.0	3.0	4.4	27	12	17
18	7.0	1.0	3.4	81	7.0	38	10	3.0	3.8	190	11	48
19	7.0	2.0	3.9	39	14	27	100	6.0	30	140	21	65
20	4.0	1.0	2.6	26	12	16	64	4.0	26	75	13	28
21	3.0	1.0	1.8	13	9.0	10	53	4.0	36	19	10	13
22	3.0	1.0	1.5	12	7.0	8.6	37	10	23	48	7.0	18
23	2.0	1.0	1.5	9.0	6.0	6.6	30	5.0	12	95	6.0	26
24	3.0	1.0	1.5	---	---	---	13	4.0	5.5	8.0	5.0	6.5
25	3.0	1.0	1.6	---	---	---	280	4.0	26	6.0	5.0	5.6
26	2.0	1.0	1.5	---	---	---	---	---	---	25	4.0	8.8
27	4.0	1.0	1.8	---	---	---	220	3.0	59	57	5.0	15
28	3.0	1.0	1.7	---	---	---	240	30	100	8.0	4.0	4.9
29	2.0	1.0	1.6	---	---	---	170	14	40	78	4.0	17
30	8.0	1.0	1.7	20	9.0	11	460	9.0	120	83	12	37
31	19	1.0	3.0	---	---	---	460	7.0	68	28	10	14
MONTH	150	1.0	4.1	130	1.0	14	460	3.0	32	460	4.0	42

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	16	9.0	11	170	16	56	19	3.0	6.4	59	7.0	25
2	---	---	---	89	11	29	10	3.0	5.0	25	6.0	13
3	---	---	---	---	---	---	11	3.0	5.9	---	---	---
4	---	---	---	200	34	71	86	3.0	20	---	---	---
5	---	---	---	78	25	40	9.0	4.0	5.4	11	2.0	5.2
6	---	---	---	60	21	28	7.0	3.0	4.5	8.0	3.0	4.7
7	---	---	---	130	21	36	19	2.0	5.1	8.0	2.0	3.9
8	17	4.0	7.7	49	18	26	6.0	2.0	3.7	---	---	---
9	50	4.0	9.9	35	16	21	9.0	2.0	5.0	---	---	---
10	89	8.0	36	30	15	19	22	2.0	7.4	---	---	---
11	9.0	7.0	7.4	31	14	18	13	4.0	6.5	---	---	---
12	24	7.0	14	730	21	310	12	4.0	6.0	---	---	---
13	20	7.0	12	130	26	66	10	4.0	5.6	---	---	---
14	37	8.0	15	240	18	44	7.0	3.0	4.8	---	---	---
15	52	10	19	240	27	110	23	3.0	7.6	---	---	---
16	65	7.0	31	130	19	38	60	5.0	15	---	---	---
17	18	4.0	7.0	23	13	17	230	5.0	25	---	---	---
18	21	4.0	8.3	17	13	15	13	6.0	7.0	---	---	---
19	25	4.0	10	68	13	23	140	4.0	28	---	---	---
20	31	4.0	7.7	270	16	50	51	6.0	15	---	---	---
21	83	4.0	30	---	---	---	10	6.0	7.1	---	---	---
22	93	9.0	24	93	20	33	10	4.0	6.0	---	---	---
23	55	6.0	18	50	7.0	18	---	---	---	---	---	---
24	15	6.0	10	45	6.0	10	---	---	---	---	---	---
25	16	6.0	10	45	5.0	9.7	120	17	49	---	---	---
26	46	7.0	20	7.0	4.0	5.4	140	13	28	---	---	---
27	47	7.0	15	17	3.0	7.2	400	10	78	---	---	---
28	180	7.0	54	34	3.0	10	15	7.0	9.0	---	---	---
29	---	---	---	100	6.0	28	12	6.0	7.1	---	---	---
30	---	---	---	53	3.0	15	91	5.0	18	---	---	---
31	---	---	---	100	4.0	17	---	---	---	---	---	---
MONTH	180	4.0	17	730	3.0	40	400	2.0	14	59	2.0	10
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	---	---	---	9.0	4.0	5.8	21	4.0	7.4
2	---	---	---	---	---	---	11	3.0	6.7	11	3.0	6.7
3	---	---	---	---	---	---	8.0	3.0	5.0	190	2.0	38
4	---	---	---	---	---	---	9.0	2.0	4.3	---	---	---
5	---	---	---	---	---	---	96	1.0	17	---	---	---
6	---	---	---	---	---	---	13	3.0	7.2	---	---	---
7	---	---	---	---	---	---	8.0	4.0	5.3	---	---	---
8	---	---	---	---	---	---	260	3.0	17	---	---	---
9	---	---	---	---	---	---	8.0	2.0	5.1	---	---	---
10	---	---	---	---	---	---	9.0	1.0	4.2	---	---	---
11	---	---	---	---	---	---	430	2.0	120	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	100	10	28
14	---	---	---	---	---	---	---	---	---	16	3.0	12
15	---	---	---	---	---	---	---	---	---	27	2.0	10
16	---	---	---	---	---	---	---	---	---	14	3.0	7.6
17	---	---	---	---	---	---	130	14	43	40	3.0	8.5
18	---	---	---	---	---	---	25	10	15	21	3.0	9.4
19	---	---	---	---	---	---	24	8.0	13	27	5.0	13
20	---	---	---	---	---	---	52	6.0	14	98	3.0	14
21	---	---	---	---	---	---	16	5.0	8.7	130	7.0	36
22	---	---	---	---	---	---	93	5.0	19	130	9.0	36
23	---	---	---	---	---	---	130	4.0	31	---	---	---
24	---	---	---	---	---	---	---	---	---	310	23	110
25	---	---	---	---	---	---	13	2.0	8.0	---	---	---
26	---	---	---	---	---	---	14	1.0	7.1	---	---	---
27	---	---	---	---	---	---	61	1.0	13	---	---	---
28	---	---	---	---	---	---	650	17	100	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	90	5.0	17	---	---	---
31	---	---	---	---	---	---	12	4.0	7.9	---	---	---
MONTH	---	---	---	---	---	---	650	1.0	21	310	2.0	24
YEAR	730	1.0	23	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL

LOCATION.--Lat 30°43'27", long 88°03'32", Mobile County, Hydrologic Unit 03160204, at U.S. Highway 43, 1 mi south of Prichard, at mile 1.0.

DRAINAGE AREA.--28.1 mi²

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1999 to current year (gage height record).

GAGE.--Water-stage recorder. Datum of gage is sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.20 ft, June 11, 2001; minimum gage height, -2.40 ft, Dec. 22, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.20 ft, June 11; minimum gage height, -2.40 ft, Dec. 22.

REMARKS.--Records good.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.46	.19	.84	1.79	-.10	.82	1.11	-.60	.27	.30	-1.09	-.47
2	1.54	.04	.81	1.93	.09	.96	1.29	-.72	.04	-.43	-1.22	-.86
3	1.58	-.05	.78	1.77	-.03	.82	-.21	-1.42	-.89	.13	-1.01	-.57
4	1.79	.11	.91	1.40	.10	.77	.31	-.57	-.13	.45	-.99	-.28
5	1.54	.04	.79	1.51	.25	.95	.56	-.60	-.07	.79	-1.03	-.12
6	1.78	-.32	.80	2.81	1.41	2.23	.80	-.06	.28	.86	-1.28	-.19
7	.58	-1.53	-.25	2.73	1.00	1.63	1.07	-.67	.24	1.67	-1.15	.12
8	-1.10	-2.21	-1.62	2.91	1.56	2.13	.96	-.41	.29	1.56	-1.79	-.26
9	-.05	-2.14	-.95	2.94	1.30	2.06	1.79	-.70	.44	.55	-2.22	-.85
10	.42	-.94	-.18	1.30	.09	.71	1.77	-.67	.54	1.00	-1.67	-.60
11	.40	-.27	.06	1.86	-.38	.71	2.04	-.70	.55	1.12	-1.02	.16
12	.91	.05	.51	2.02	-.14	.88	2.04	-1.61	-.27	1.13	-1.34	-.32
13	1.36	-.10	.66	2.02	-.60	.44	2.17	-.55	.63	.72	-.83	-.04
14	1.55	.00	.80	1.08	-1.24	-.13	2.21	-1.10	.30	.89	-.46	.17
15	1.71	-.09	.84	1.44	-.73	.20	1.09	-.71	.20	.51	-.25	.05
16	1.81	-.26	.77	1.73	-.29	.75	1.65	.27	1.00	.27	-.46	-.21
17	1.95	-.06	.92	1.88	-.69	.39	.80	-1.36	-.56	.91	-.26	.29
18	1.74	-.40	.60	.74	-.61	.14	.55	-.45	.04	1.40	-.36	.48
19	1.62	-.29	.63	.98	-.56	.25	.03	-1.37	-.94	.95	-.57	.35
20	1.70	-.04	.81	.77	-.52	.20	.48	-1.39	-.58	.01	-1.53	-.77
21	1.63	.24	.93	.27	-1.33	-.61	.67	-.82	-.04	.35	-1.58	-.65
22	1.74	.48	1.11	.56	-.81	-.16	.18	-2.40	-1.06	.61	-1.61	-.62
23	1.36	.49	.98	1.26	-.60	.27	.95	-1.20	-.26	.68	-1.41	-.43
24	1.20	.53	.88	2.71	.13	1.50	.87	-1.15	-.25	.84	-1.09	-.14
25	1.45	.28	.96	2.32	.43	1.27	1.03	-1.41	-.31	.81	-1.60	-.45
26	1.66	.31	1.06	1.98	-.17	.81	1.42	-1.05	.07	.96	-.89	.00
27	1.78	.13	1.02	1.66	-.60	.50	1.49	-.40	.48	1.05	-.45	.25
28	1.94	-.08	.87	1.66	-.63	.41	1.51	-.79	.13	1.12	-.36	.34
29	1.98	.02	.98	1.53	-.61	.37	.27	-.92	-.36	1.90	.53	1.11
30	1.91	-.06	.89	1.10	-.78	-.03	-.37	-1.45	-.84	1.10	.23	.76
31	1.90	-.18	.81	---	---	---	.18	-1.05	-.57	.87	.03	.57
MONTH	1.98	-2.21	.61	2.94	-1.33	.71	2.21	-2.40	-.05	1.90	-2.22	-.10

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE.--October 1999 to current year.

WATER TEMPERATURE.--October 1999 to current year.

DISSOLVED OXYGEN.--October 1999 to current year.

TURBIDITY.--October 1999 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1999.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 39,100 microSiemens, Sept. 18, 2000; minimum, 60 microSiemens, June 11, 2001.

WATER TEMPERATURE.--Maximum, 32.3°C, Aug. 19, 20, 2000; minimum, 7.9°C, Jan. 4, 2001.

DISSOLVED OXYGEN.--Maximum, 12.7 mg/L, Dec. 30, 2001; minimum, 0 mg/L, several days.

TURBIDITY.--Maximum, 830 NTU, July 12, 2001; minimum, 0 NTU, several days.

EXTREMES FOR WATER YEAR 2000.--

DISSOLVED OXYGEN.--Maximum, 10.7 mg/L, May 9; minimum, 0 mg/L, several days.

TURBIDITY.--Maximum, 260 NTU, Mar. 29; minimum, 0 NTU, several days.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 38,900 microSiemens, Oct. 10; minimum, 60 microSiemens, June 11.

WATER TEMPERATURE.--Maximum, 31.2°C, July 21; minimum, 7.9°C, Jan. 4.

DISSOLVED OXYGEN.--Maximum, 12.7 mg/L, Dec. 30; minimum, 0 mg/L, several days.

TURBIDITY.--Maximum, 830 NTU, July 12; minimum, 0 NTU, several days.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)
NOV 16...	0955	19.1	--	--	.22	5.6	21	10	21000	18900	3.3	38	2.0
FEB 13...	0915	15.0	17.5	776	-0.07	.2	21	10	5250	4340	7.0	70	2.2
MAR 13...	1730	18.0	--	E768	1.32	33	68	60	216	207	7.3	78	3.7
APR 10...	1500	22.0	32.0	769	1.75	--	23	10	987	935	7.6	88	2.4
10...	1645	23.0	30.0	769	1.55	--	21	10	903	872	7.9	93	3.1
23...	1530	24.0	19.5	773	1.17	--	13	20	682	690	9.6	116	7.6
MAY 21...	1515	28.0	--	--	1.41	--	14	--	4860	4560	11.0	146	4.1
JUN 21...	1115	28.0	--	--	1.57	--	19	--	2840	2840	7.6	98	2.0
JUL 19...	0820	30.0	--	--	--	--	10	--	16100	14800	5.2	70	2.5
AUG 01...	1245	29.5	29.5	773	.95	--	12	--	10600	8510	4.3	57	2.4
07...	1255	29.5	30.8	773	1.85	--	10	--	17400	17000	3.7	70	1.9

DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L ASN) (00605)
NOV 16...	7.1	7.2	.0	123	101	1000	440	200	3.4	<.1	3.0	2.8	.71
FEB 13...	6.8	7.2	.0	58	47	500	1600	84	7.8	<.1	3.8	3.6	.64
MAR 13...	6.6	7.2	.0	44	36	E15000	7100	E9700	<.1	<.1	2.5	2.1	.99
APR 10...	6.8	--	--	--	--	E100	E30	E9	15.0	<.1	2.2	2.0	.61
10...	6.6	--	--	--	--	410	100	E40	59.0	<.1	2.9	2.5	.80
23...	7.2	--	--	--	--	E20	E30	--	64.0	<.1	5.2	4.5	1.5
MAY 21...	7.6	--	--	--	--	200	200	E50	--	--	2.5	2.0	1.0
JUN 21...	6.9	--	--	--	--	230	150	190	--	--	1.8	1.5	.89
JUL 19...	7.2	--	--	--	--	E50	110	E90	<.1	<.1	2.2	1.5	.98
AUG 01...	7.0	--	--	--	--	780	160	100	73.0	<.1	2.1	1.5	1.0
07...	7.1	--	--	--	--	350	98	150	43.0	<.1	1.6	1.4	.61

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)
NOV 16...	.52	.450	.49	.030	.03	1.77	1.77	.97	1.2	1.8	1.80	.63	.58
FEB 13...	.39	.570	.66	.040	.06	2.56	2.44	.96	1.3	2.5	2.60	.85	.73
MAR 13...	.70	.114	.21	.010	.01	1.29	1.29	.81	1.2	1.3	1.30	.27	.15
APR 10...	.34	.121	.14	.030	.03	1.47	1.47	.46	.75	1.5	1.50	.18	.16
10...	.40	.156	.20	.040	.04	1.86	1.86	.56	1.0	1.9	1.90	.26	.20
23...	.80	.084	.10	.040	.04	3.56	3.56	.88	1.6	3.6	3.60	.13	.11
MAY 21...	.51	.156	.18	.020	.02	1.28	1.28	.67	1.2	1.3	1.30	.23	.20
JUN 21...	.55	.068	.08	.010	<.01	.850	--	.62	.97	.9	.860	.10	.09
JUL 19...	.35	.470	.52	.010	.01	.710	.71	.82	1.5	.7	.720	.67	.61
AUG 01...	.41	.266	.27	.010	.02	.800	.79	.68	1.3	.8	.810	.35	.34
07...	.42	.280	.29	.020	.02	.660	.67	.70	.90	.7	.680	.37	.36
DATE	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTHOPHOS- PHATE, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHOPHOS- PHATE, TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)
NOV 16...	7.84	.099	13.3	1.50	1.01	<.380	.290	.330	5.9	.490	2000	1900	140
FEB 13...	11.3	.131	16.8	.705	.675	.380	.230	.220	6.2	.230	430	390	42.0
MAR 13...	5.71	.033	11.1	.521	.399	.290	.140	.130	7.6	.170	52	16	17.0
APR 10...	6.51	.099	10	.368	.337	.220	.140	.110	--	.120	--	--	--
10...	8.23	.131	12.8	.521	.491	.300	.180	.160	--	.170	--	--	--
23...	15.8	.131	23.0	1.10	1.01	.530	.340	.330	--	.360	--	--	--
MAY 21...	5.67	.066	11.1	.675	.583	.340	.200	.190	--	.220	--	--	--
JUN 21...	3.76	.033	8.1	--	--	Ec.170	.080	Ec.070	--	Ec.110	--	--	--
JUL 19...	3.14	.033	9.8	.613	.491	.250	.150	.160	--	.200	--	--	--
AUG 01...	3.54	.033	9.3	.491	.368	.210	.140	.120	--	.160	--	--	--
07...	2.92	.066	7.0	.558	.484	.197	.158	.158	--	.182	--	--	--
DATE	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
NOV 16...	396	3400	33	78	130	6200	890	.3	3.4	1500	410	70	84
FEB 13...	80.0	670	14	76	26.0	1200	200	.2	5.3	350	740	150	97
MAR 13...	2.40	19.0	1	43	2.40	22.0	16.0	.1	4.3	70	770	230	42

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

		DATE	MANGANESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)		
		NOV 16...	81.0	25	11900	11200	16.2		
		FEB 13...	86.0	15	2610	2270	3.55		
		MAR 13...	33.0	28	130	111	.18		
		MAY 21...	--	19	--	--	--		
		JUN 21...	--	19	--	--	--		
		JUL 19...	--	25	--	--	--		
		AUG 01...	--	26	--	--	--		
		07...	--	21	--	--	--		
DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY (NTU) (00076)
NOV									
16...	1000	110	.20	16.9	6780	4.8	50	7.3	10
16...	1001	110	5.00	19.9	24600	3.3	40	7.2	8.0
16...	1002	110	8.00	19.5	22900	2.8	34	7.2	25
16...	1003	143	.20	16.8	5880	4.6	49	7.0	25
16...	1004	143	5.00	17.8	12400	3.6	40	6.9	88
16...	1005	143	10.0	21.3	37400	1.9	25	7.1	8.3
16...	1006	143	15.0	21.5	41200	1.9	24	7.3	12
16...	1007	208	1.00	16.7	5610	4.9	52	7.2	9.6
16...	1008	208	5.00	19.2	19000	2.9	34	7.0	8.9
16...	1009	208	10.0	21.5	38700	2.0	27	7.1	10
16...	1010	242	1.00	16.7	5850	5.0	53	7.1	8.6
16...	1011	242	3.00	16.8	6120	4.5	47	6.5	9.8
FEB									
13...	0815	53.0	1.00	16.8	648	8.2	85	6.9	11
13...	0825	89.0	1.00	16.9	649	8.5	87	6.8	12
13...	0826	89.0	5.00	15.4	3960	8.3	84	6.8	17
13...	0827	89.0	10.0	14.0	7880	6.0	59	6.7	15
13...	0828	89.0	15.0	13.4	12600	3.6	36	6.7	59
13...	0835	125	1.00	16.8	663	8.3	86	7.0	12
13...	0836	125	5.00	15.5	3750	8.1	82	6.8	24
13...	0837	125	10.0	14.0	8160	6.0	60	6.7	14
13...	0838	125	15.0	13.5	12100	3.2	32	6.8	28
13...	0839	161	1.00	17.1	658	8.2	85	6.9	12
13...	0840	161	5.00	15.7	3460	8.2	83	6.8	27
13...	0841	161	10.0	14.1	8020	6.0	61	6.7	14
13...	0842	197	1.00	16.8	705	8.0	83	7.0	11

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY (NTU) (00076)
MAR									
13...	1741	66.0	1.00	18.7	218	7.1	76	6.7	60
13...	1742	66.0	5.00	17.6	495	6.8	72	6.6	65
13...	1749	90.0	1.00	18.6	214	7.1	76	6.7	64
13...	1750	90.0	5.00	18.0	195	7.0	75	6.6	70
13...	1751	90.0	10.0	17.5	190	7.0	73	6.6	75
13...	1756	114	1.00	18.6	218	7.2	78	6.7	65
13...	1757	114	5.00	17.9	197	7.3	77	6.7	68
13...	1758	114	10.0	17.8	194	7.3	77	6.6	74
13...	1759	114	15.0	17.6	189	7.2	76	6.6	71
13...	1802	138	1.00	18.4	216	7.7	83	6.7	65
13...	1803	138	5.00	18.2	201	7.5	80	6.7	68
13...	1804	138	10.0	18.0	197	7.5	79	6.6	70
13...	1805	138	15.0	17.8	193	7.4	78	6.6	66
13...	1810	162	1.00	18.7	207	7.9	84	6.7	68
13...	1811	162	5.00	18.5	210	7.8	83	6.7	66
13...	1812	162	10.0	17.9	192	7.7	81	6.6	70
13...	1813	162	15.0	17.9	191	7.7	81	6.6	72
13...	1814	162	--	17.8	192	7.7	81	6.6	78

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY (NTU) (00076)
APR									
10...	1510	130	1.00	25.7	933	10.5	130	7.1	16
10...	1512	130	3.50	23.0	953	9.1	106	6.9	22
10...	1515	108	1.00	26.0	936	10.3	127	7.0	15
10...	1516	108	5.00	21.3	991	6.7	75	6.7	23
10...	1518	108	10.0	20.6	1020	6.5	72	6.6	28
10...	1520	96.0	1.00	26.0	923	10.1	124	6.8	16
10...	1521	96.0	5.00	21.5	983	7.1	80	6.7	22
10...	1523	96.0	10.0	20.7	1020	6.6	73	6.6	27
10...	1524	96.0	15.0	20.4	1030	6.4	71	6.6	33
10...	1526	74.0	1.00	25.5	936	10.5	128	7.1	17
10...	1530	74.0	5.00	21.3	989	7.1	80	6.7	22
10...	1532	74.0	10.0	20.6	1030	6.4	72	6.6	28
10...	1535	52.0	1.00	26.1	917	10.3	128	7.0	15
10...	1536	52.0	5.00	21.2	992	6.9	78	6.7	23
10...	1539	52.0	10.0	20.7	1020	6.5	73	6.6	26
10...	1540	30.0	1.00	25.9	921	10.3	127	7.0	17
10...	1541	30.0	5.00	22.1	964	7.9	91	6.8	20
10...	1542	30.0	10.0	20.6	1030	6.3	70	6.6	28
10...	1710	129	3.50	26.6	757	10.9	136	7.0	16
10...	1712	129	3.50	23.8	882	9.1	109	6.8	20
10...	1715	108	5.00	26.4	759	10.4	129	6.8	15
10...	1717	108	5.00	22.7	872	9.0	107	6.8	19
10...	1719	108	10.0	20.9	1030	6.1	69	6.6	21
10...	1721	96.0	1.00	26.5	750	10.4	130	6.8	16
10...	1723	96.0	5.00	24.4	849	9.3	112	6.8	18
10...	1724	96.0	10.0	21.0	1020	6.1	69	6.6	27
10...	1726	96.0	15.0	20.8	1040	6.0	68	6.5	28
10...	1728	74.0	1.00	26.4	729	10.2	126	6.8	15
10...	1730	74.0	5.00	23.1	908	8.2	96	6.7	20
10...	1732	74.0	10.0	21.3	1010	6.3	71	6.5	25
10...	1735	52.0	1.00	26.6	693	9.4	117	6.7	14
10...	1736	52.0	5.00	23.9	850	8.5	101	6.7	17
10...	1738	52.0	10.0	21.3	1010	6.3	61	6.6	25
10...	1740	52.0	15.0	21.2	1010	6.2	70	6.5	27
10...	1742	30.0	1.00	26.8	658	9.0	112	6.7	12
10...	1744	30.0	5.00	23.4	877	8.0	94	6.7	18
10...	1746	30.0	10.0	21.2	1010	6.2	70	6.6	26

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY (NTU) (00076)
APR									
23...	1531	89.0	1.00	26.8	502	13.7	172	8.2	16
23...	1532	125	1.00	26.9	471	14.4	182	8.5	11
23...	1533	125	5.00	23.1	682	8.0	94	7.3	18
23...	1534	125	10.0	22.7	795	6.7	7	7.0	19
23...	1535	125	15.0	22.2	1350	6.6	76	7.0	33
23...	1536	161	1.00	26.4	467	15.3	190	8.7	15
23...	1537	161	5.00	23.2	627	8.1	97	7.3	13
23...	1538	161	10.0	22.9	751	7.2	84	7.0	19
23...	1539	197	1.00	25.9	468	14.8	184	8.5	14
23...	1540	197	5.00	23.8	585	9.9	118	7.2	14
23...	1541	197	10.0	22.8	716	6.5	76	7.0	18
23...	1542	197	15.0	22.2	1190	6.5	75	7.0	31
23...	1543	233	1.00	26.4	192	14.9	185	8.6	15
23...	1544	233	5.00	23.2	669	8.8	103	7.2	21
MAY									
21...	1525	23.0	1.00	28.5	3080	13.3	173	8.3	19
21...	1529	23.0	5.00	27.9	3790	9.5	126	7.9	17
21...	1531	57.0	1.00	28.5	3070	10.4	170	8.3	13
21...	1533	57.0	5.00	28.2	3370	11.9	154	8.2	15
21...	1535	57.0	10.0	27.6	4140	9.0	115	7.6	15
21...	1536	57.0	15.0	24.9	18200	8.9	121	6.8	11
21...	1538	91.0	1.00	28.4	3160	13.2	173	8.1	13
21...	1539	91.0	5.00	28.1	3280	11.7	151	8.0	14
21...	1541	91.0	10.0	27.7	4180	9.2	118	7.5	18
21...	1543	125	1.00	28.6	3080	13.0	169	8.3	13
21...	1544	125	5.00	28.4	3180	12.3	160	8.3	14
21...	1546	125	10.0	27.6	4510	8.8	116	7.5	15
21...	1547	125	15.0	24.8	18900	8.9	115	6.9	13
21...	1549	159	1.00	28.8	3090	13.1	172	8.4	14

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY (NTU) (00076)
JUN									
21...	1035	105	1.00	28.6	2090	104	8	7.0	15
21...	1040	140	1.00	28.7	2150	110	8	6.9	14
21...	1041	140	5.00	28.2	3020	93.2	7	6.9	15
21...	1042	140	10.0	28.2	3190	90.0	7	6.9	18
21...	1043	140	15.0	28.2	3310	88.9	7	6.9	18
21...	1045	175	1.00	28.8	2190	117	9	7.0	14
21...	1046	175	5.00	28.2	2940	96.7	7	6.9	15
21...	1047	175	10.0	28.2	3220	91.3	7	6.9	16
21...	1048	175	15.0	28.2	3200	87.3	7	6.9	53
21...	1100	210	1.00	29.2	2040	129	10	7.0	13
21...	1103	210	5.00	28.3	2840	96.4	7	6.9	16
21...	1106	210	10.0	28.2	3130	90.4	7	6.9	19
21...	1107	210	15.0	28.2	3280	89.1	7	6.9	20
21...	1110	245	1.00	28.9	2080	111	8	6.9	14
JUL									
19...	0757	105	1.00	29.8	7700	8.7	117	7.7	9.0
19...	0802	140	1.00	29.8	7660	8.7	116	7.7	8.0
19...	0805	140	5.00	30.1	11700	6.5	90	7.4	11
19...	0808	140	10.0	29.5	22000	2.6	35	7.0	18
19...	0811	140	15.0	28.6	33400	.5	7	6.9	5.3
19...	0815	175	1.00	30.1	8790	8.5	114	7.8	7.6
19...	0818	175	5.00	30.1	12800	6.0	83	7.4	7.8
19...	0821	175	10.0	29.4	22400	2.1	29	7.0	12
19...	0825	210	1.00	30.0	7550	9.1	125	7.8	7.8
19...	0828	210	5.00	30.1	10500	6.7	91	7.4	7.8
19...	0832	210	10.0	29.4	22300	2.1	30	7.0	16
19...	0835	210	15.0	28.6	32500	.3	5	6.9	5.0
19...	0840	245	1.00	30.0	8990	8.5	115	7.8	11

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY (NTU) (00076)
AUG									
01...	1228	245	1.00	30.0	3020	9.8	130	7.4	13
01...	1231	210	1.00	30.0	2900	9.5	126	7.3	12
01...	1233	210	5.00	29.4	6050	3.4	45	6.9	11
01...	1236	210	10.0	29.6	18600	1.7	23	6.9	11
01...	1238	210	15.0	29.5	20800	1.5	21	7.0	15
01...	1241	175	1.00	30.2	3050	9.9	132	7.4	12
01...	1243	175	5.00	29.4	6030	3.3	44	6.9	10
01...	1246	175	10.0	29.6	19000	1.6	23	6.9	14
01...	1247	140	1.00	29.7	3450	7.0	93	7.1	11
01...	1249	140	5.00	29.4	4590	4.3	58	6.9	11
01...	1251	140	10.0	29.6	19500	1.8	25	6.9	12
01...	1253	140	15.0	29.5	21800	1.4	20	7.0	--
01...	1256	105	1.00	29.5	3400	7.0	93	7.1	11
01...	1258	105	5.00	29.4	4530	4.8	63	6.9	12
07...	1232	245	1.00	29.6	7600	5.5	74	6.8	7.6
07...	1235	210	1.00	29.7	7700	6.0	82	7.0	7.3
07...	1238	210	5.00	29.8	12500	4.8	66	7.0	6.4
07...	1240	210	10.0	29.7	25600	1.2	17	7.1	8.5
07...	1242	210	15.0	29.2	36900	.2	3	7.3	11
07...	1245	175	1.00	29.7	7900	6.0	81	7.1	6.8
07...	1247	175	5.00	29.8	12700	4.8	65	7.2	6.1
07...	1250	175	10.0	29.8	22500	2.4	34	7.2	7.1
07...	1252	140	1.00	29.8	8600	6.3	85	7.1	6.8
07...	1254	140	5.00	29.7	12300	4.7	64	7.1	6.9
07...	1258	140	10.0	29.8	22600	2.5	35	7.2	6.2
07...	1301	140	15.0	29.2	36800	.1	2	7.3	11
07...	1303	105	1.00	29.7	8500	5.4	73	7.1	7.6
07...	1306	105	5.00	29.7	12400	4.4	61	7.1	7.9

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	38300	32300	35200	37000	26700	31900	13600	8830	10800	3330	1430	2540
2	35100	25200	30300	35500	28600	31100	14400	9010	11300	3160	798	1900
3	29600	25000	27200	30800	25700	28400	15900	6260	10700	6830	1170	3420
4	32300	25900	28600	29200	25100	27300	26000	15900	21400	9930	1380	6100
5	31400	26400	28700	29700	26100	27900	29100	19500	23800	9970	1880	7160
6	31200	10000	24600	32900	12900	31000	29100	23400	25500	8540	1060	5700
7	27400	17500	24700	24600	6370	18500	31200	19000	24200	13400	2330	7160
8	25000	12200	20900	29700	22300	25300	29800	18800	21700	16300	2240	9500
9	32500	19300	27500	29700	14100	20400	36800	17800	24200	16300	4080	9030
10	38900	32500	36200	20100	12700	17400	36800	17800	24400	16300	7750	10100
11	---	---	---	27700	15100	19500	34200	17400	23400	15700	7510	11300
12	38100	33500	35900	---	---	---	34000	6040	19000	12200	6110	8370
13	37700	31000	35900	27900	9010	15200	31400	17700	25100	8300	5090	6460
14	38000	31300	35500	30700	8340	14600	31400	10200	19100	7160	5150	5900
15	37000	30600	34600	35000	13300	24200	24300	14800	19500	7730	4090	5640
16	37100	30200	33500	36400	19200	27600	29400	19100	22200	8570	3700	5330
17	35700	32200	33800	31500	14900	21600	21000	11900	15600	14000	6270	10100
18	34300	29900	31900	27700	576	11100	13000	6630	9490	11600	5060	9060
19	38300	29900	32400	20600	1800	8050	8340	5940	7350	9790	1140	6280
20	35500	31000	32500	24400	12000	17400	7760	6120	6900	5510	1250	3360
21	35200	30000	33100	14000	857	9810	6310	1780	4450	4400	1400	3150
22	33600	28800	31600	14900	8880	10800	6790	1020	3400	3870	1260	2760
23	30100	27400	29000	15000	8120	10900	7800	1720	4700	3220	1210	2150
24	32400	27400	29800	16200	642	9280	7800	2130	4820	2810	1010	2030
25	35300	30900	32900	11900	915	6090	20600	1970	5790	3600	543	2040
26	34300	30700	32900	11900	1510	5890	21300	3130	8960	2620	1230	1930
27	33600	28300	31500	8210	2080	5580	23000	8060	13400	2440	1330	1950
28	36100	26000	30500	8210	2540	4970	23000	2920	9330	2170	1280	1790
29	37400	27700	32400	5940	2890	4510	10400	3010	7120	---	---	---
30	36000	27300	32100	---	---	---	7820	2380	5690	---	---	---
31	37900	28600	32400	---	---	---	5310	2440	3790	---	---	---
MONTH	38900	10000	31300	37000	576	17400	36800	1020	14100	16300	543	5440
FEBRUARY			MARCH			APRIL			MAY			
1	1750	346	1060	1640	277	1230	444	370	398	6270	2190	4000
2	1810	452	1170	1600	670	1190	440	405	421	6350	3000	4720
3	1650	387	1010	713	93	324	475	406	441	7880	3880	5870
4	---	---	---	691	192	312	601	399	475	6970	4970	6000
5	1990	472	1190	460	206	328	749	409	551	6910	4350	5770
6	1920	454	1140	496	238	335	1140	436	703	6230	3980	5400
7	2820	483	1590	543	294	385	1330	692	970	5560	3140	4750
8	3060	503	1680	511	334	434	1290	656	1050	5530	2870	4720
9	3680	1320	2580	494	320	389	1250	634	1030	8550	1940	5040
10	3610	299	1470	486	350	413	1090	674	927	13800	1960	8140
11	5590	1420	3920	462	358	393	1030	498	776	10800	7060	9060
12	5100	3040	4200	430	94	239	826	575	682	11600	6560	8760
13	5280	3080	4330	241	185	201	777	407	612	8770	4960	7480
14	5120	3200	3920	410	198	303	880	393	558	9040	2440	6210
15	3860	3000	3390	---	---	---	574	398	488	13200	5180	8810
16	3910	2080	3050	357	172	250	641	444	512	10600	7850	8650
17	3020	1120	2100	410	241	317	602	411	495	11100	7870	8880
18	2720	837	1730	433	274	328	---	---	---	8750	6480	7710
19	2290	1260	1750	375	298	324	---	---	---	7640	4730	6550
20	2100	1020	1560	339	294	313	---	---	---	5780	3340	5040
21	2240	570	1280	---	---	---	945	567	737	3780	2610	3190
22	2460	317	1550	417	353	386	792	413	627	2810	2100	2600
23	2300	712	1510	406	362	390	740	451	616	2560	2100	2320
24	1720	885	1310	396	371	381	1250	176	727	4880	2110	3500
25	1430	696	1010	407	346	367	498	185	287	4920	2130	3290
26	---	---	---	452	373	411	5670	181	2320	5620	2120	3840
27	1520	778	1320	449	370	402	4940	571	3160	7050	2140	4810
28	---	---	---	416	360	394	5280	1170	3780	6170	2150	4610
29	---	---	---	388	257	344	5970	1670	3790	6390	2440	4730
30	---	---	---	416	305	357	4920	2060	3720	4260	1770	2630
31	---	---	---	399	261	347	---	---	---	2740	532	1740
MONTH	5590	299	2030	1640	93	406	5970	176	1140	13800	532	5450

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL—Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	532	435	508	10200	6340	7830	9880	2170	6350	14200	6680	10900
2	547	522	540	9980	4130	7040	17800	4460	10900	12400	5740	8930
3	957	546	583	12300	1960	7400	25300	12200	17500	10200	937	5810
4	1900	549	1400	8280	1260	5450	22700	14300	18100	5460	185	3220
5	1820	786	1320	7340	983	4620	22600	7620	14500	2920	191	1040
6	2280	927	1700	5650	1020	3910	37200	7620	21200	1780	346	1070
7	1680	749	1190	7120	1410	4090	22300	11000	15400	1760	634	1240
8	1620	535	1230	5340	1880	3660	13000	7470	10400	2070	467	1180
9	1540	461	950	4090	1370	3170	8360	4840	6880	1870	495	1160
10	1240	379	882	6990	1370	4200	7360	5090	6240	2210	444	1230
11	379	60	162	6630	832	4600	8600	159	3610	1870	481	1220
12	413	230	311	5190	100	3360	421	106	225	1850	661	1380
13	359	211	279	1680	140	452	747	114	256	2600	529	1730
14	676	266	418	3900	508	2210	999	114	267	5990	793	3310
15	748	311	569	18600	3470	8810	6480	369	2310	5700	867	3950
16	834	477	629	12000	6340	8440	9210	1070	5820	5950	2580	4790
17	1030	397	693	11400	4330	8330	9950	317	5320	7680	3110	5860
18	2050	551	1140	19100	3930	12200	7410	322	3790	11200	5000	6900
19	1900	379	1240	20600	6710	12300	8300	363	3700	11200	6580	8550
20	2550	363	1430	18900	10200	14400	8970	362	4150	10900	6240	9150
21	3200	363	1890	17200	993	8960	9480	1650	6790	12900	8800	10900
22	4660	310	2390	22500	993	12300	11900	4150	10300	17900	8470	11800
23	4470	367	2490	30200	7490	18700	14500	5480	11400	17500	3540	10500
24	7310	449	3860	27300	13300	20500	16500	5470	12300	15600	1510	8080
25	10600	1380	6360	23200	1210	12900	15700	3490	12200	13400	2330	8210
26	11600	5560	8690	9080	197	1750	18300	9810	14000	20200	10600	15600
27	10700	5060	7080	6330	249	2690	13800	8870	11100	25400	11100	19400
28	8420	4560	6660	6300	372	3380	12300	473	7020	30900	16000	21700
29	9290	6190	7980	5630	1190	3040	17100	578	9450	31300	16300	23400
30	10000	5050	8070	5070	1380	3120	18600	10500	13400	26800	17800	21500
31	---	---	---	6220	559	3900	16800	6810	12900	---	---	---
MONTH	11600	60	2420	30200	100	7020	37200	106	8960	31300	185	7790
YEAR	38900	60	8770									

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.5	26.3	26.4	24.3	23.8	24.0	16.4	15.9	16.0	9.6	8.2	8.8
2	26.6	26.3	26.5	24.5	23.9	24.2	16.0	15.7	16.0	9.3	8.4	8.8
3	27.0	26.5	26.7	24.8	24.3	24.5	16.1	15.7	15.9	8.9	7.9	8.3
4	27.0	26.6	26.8	24.9	24.5	24.7	16.5	15.5	15.9	8.9	7.9	8.3
5	27.2	26.7	26.9	24.8	24.5	24.6	15.7	15.1	15.3	8.8	8.1	8.4
6	27.2	26.1	26.9	24.5	23.7	24.1	16.2	15.2	15.6	9.2	8.3	8.7
7	27.1	26.4	26.9	24.1	23.2	23.7	16.1	14.6	15.3	10.3	8.6	9.3
8	26.4	24.3	25.7	24.1	23.8	24.1	15.5	14.7	15.1	11.3	9.4	10.4
9	25.0	23.3	24.1	24.2	24.0	24.1	15.4	14.8	15.2	10.7	9.3	9.9
10	23.3	21.3	21.9	24.2	23.1	23.7	15.4	15.2	15.3	9.8	9.4	9.6
11	---	---	---	23.7	21.4	22.9	15.6	15.3	15.4	9.8	9.1	9.5
12	22.4	22.0	22.2	23.7	20.9	22.1	16.0	14.8	15.5	10.3	9.1	9.6
13	22.4	21.7	22.0	23.2	19.3	21.0	15.7	14.3	14.8	10.3	9.1	9.4
14	22.5	21.7	22.1	21.9	18.5	19.8	15.8	14.4	15.2	10.2	9.1	9.5
15	22.6	21.9	22.2	22.4	18.7	20.9	15.1	14.8	14.9	12.8	9.5	10.4
16	---	---	---	21.5	18.5	19.9	15.6	14.8	15.1	12.9	11.1	12.0
17	22.6	21.9	22.3	20.2	18.1	19.0	15.6	14.1	15.0	11.8	11.3	11.6
18	23.1	22.4	22.7	19.8	11.2	15.1	14.1	13.1	13.6	11.9	11.6	11.7
19	23.3	22.1	22.9	16.4	11.6	13.3	14.1	12.3	13.1	15.4	11.7	13.6
20	23.2	22.5	22.9	17.4	14.1	15.7	12.3	10.9	11.5	14.8	11.9	13.0
21	23.7	22.7	23.0	14.9	13.4	14.4	11.6	9.8	10.8	12.3	10.8	11.5
22	24.0	23.0	23.4	15.3	14.1	14.7	9.9	8.8	9.5	11.7	9.9	11.1
23	24.4	23.8	24.0	15.3	14.2	14.8	10.2	8.6	9.3	11.1	9.8	10.4
24	24.4	23.6	24.0	16.1	14.4	15.2	10.2	9.2	9.5	11.0	9.8	10.5
25	23.8	23.4	23.6	16.1	14.6	15.0	11.7	9.5	10.0	11.5	9.7	10.8
26	23.7	23.4	23.5	15.2	14.9	15.0	12.1	10.2	10.7	---	---	---
27	23.8	23.5	23.6	15.4	14.7	15.1	11.1	10.3	10.7	12.2	9.8	11.1
28	23.8	23.4	23.6	15.4	14.7	15.2	12.0	10.8	11.4	12.6	10.3	11.2
29	23.9	23.4	23.6	15.5	15.2	15.3	11.0	10.3	10.6	---	---	---
30	24.1	23.7	23.8	---	---	---	10.4	9.7	10.1	---	---	---
31	24.0	23.6	23.9	---	---	---	9.8	8.3	9.2	---	---	---
MONTH	27.2	21.3	24.1	24.9	11.2	19.5	16.5	8.3	13.3	15.4	7.9	10.3

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	15.1	12.3	13.7	20.6	16.9	18.5	18.5	15.5	17.4	23.6	22.4	23.1
2	14.1	11.9	13.1	20.1	17.3	18.4	18.9	16.3	18.0	23.6	22.9	23.3
3	13.2	10.5	12.0	20.8	19.7	20.2	19.7	18.4	19.0	23.4	22.7	23.0
4	---	---	---	19.8	18.4	18.8	20.9	18.9	19.9	24.3	23.0	23.5
5	12.2	10.5	11.3	18.7	17.3	18.1	21.5	18.9	20.1	25.0	23.7	24.3
6	---	---	---	17.3	16.3	16.8	21.8	18.5	20.5	25.6	24.3	24.7
7	13.7	11.4	12.4	16.7	15.4	16.0	22.9	19.6	21.0	26.2	24.7	25.3
8	14.4	11.4	13.2	16.9	15.7	16.3	23.2	18.7	20.4	26.0	24.8	25.3
9	15.2	12.0	13.7	17.1	16.4	16.8	24.1	19.3	21.0	25.5	24.3	25.0
10	17.4	13.4	15.6	16.4	15.7	16.0	24.4	20.3	21.6	25.4	24.3	24.7
11	14.4	13.2	13.7	17.3	15.9	16.4	24.0	20.8	22.1	25.9	24.7	25.1
12	14.9	13.6	13.9	17.3	16.6	17.0	25.2	22.1	23.4	25.9	24.8	25.2
13	15.0	14.2	14.5	18.4	16.6	17.2	25.4	22.1	23.7	26.2	25.0	25.5
14	16.1	14.4	14.8	18.7	16.8	18.3	25.6	21.6	23.4	26.0	25.1	25.5
15	17.1	14.4	15.6	---	---	---	24.9	21.7	23.3	26.1	25.1	25.5
16	18.6	15.4	16.5	18.6	16.7	17.7	25.4	22.9	24.2	26.4	25.2	25.9
17	18.6	14.8	17.1	18.5	16.7	17.5	24.7	23.3	23.9	27.5	26.3	26.6
18	16.6	13.8	15.2	17.2	16.0	16.5	---	---	---	27.6	26.6	27.0
19	14.9	13.6	14.4	16.8	15.8	16.3	21.8	21.0	21.4	27.9	27.0	27.3
20	15.8	14.1	15.1	16.1	15.1	15.6	---	---	---	28.2	27.4	27.6
21	17.6	14.2	16.2	---	---	---	22.6	21.7	22.0	28.3	27.4	27.8
22	18.4	15.1	16.4	15.6	14.9	15.3	24.2	22.3	22.9	27.8	26.8	27.4
23	17.5	15.6	16.4	16.6	15.5	16.3	24.3	22.9	23.4	27.2	26.1	26.6
24	17.7	15.6	17.1	17.5	16.2	16.8	24.8	22.6	23.3	27.2	26.3	26.7
25	18.6	17.3	18.0	18.4	16.8	17.7	22.6	21.5	22.2	27.2	26.2	26.7
26	19.0	17.6	18.2	18.7	17.1	17.8	22.3	21.4	21.8	26.8	25.8	26.3
27	20.5	17.8	18.6	18.4	16.4	17.4	23.0	21.5	22.0	27.6	25.7	26.6
28	---	---	---	17.2	15.7	16.3	23.2	21.9	22.3	27.2	26.4	26.8
29	---	---	---	16.5	14.4	15.6	23.4	21.9	22.4	27.5	26.5	26.8
30	---	---	---	17.9	14.6	16.2	23.5	22.3	22.9	27.5	26.8	27.1
31	---	---	---	18.5	15.3	17.1	---	---	---	27.7	25.2	26.8
MONTH	20.5	10.5	15.1	20.8	14.4	17.1	25.6	15.5	21.8	28.3	22.4	25.8
JUNE				JULY			AUGUST			SEPTEMBER		
1	26.5	24.9	25.6	28.9	28.5	28.7	29.8	29.3	29.6	29.7	28.9	29.5
2	27.4	25.8	26.4	29.6	28.9	29.3	29.8	29.3	29.6	29.7	29.1	29.4
3	28.8	27.3	28.0	29.4	28.7	29.1	29.7	29.2	29.5	29.7	27.3	28.9
4	29.8	28.1	28.8	29.1	28.5	28.9	30.0	29.6	29.8	28.8	25.8	27.9
5	29.5	28.4	28.9	29.3	28.5	29.1	30.3	29.3	30.0	27.1	25.5	26.1
6	29.0	28.3	28.6	29.9	28.6	29.3	30.0	29.3	29.7	28.1	26.2	27.1
7	29.1	28.3	28.7	30.5	29.4	29.9	29.9	29.4	29.7	29.2	27.6	28.3
8	28.9	28.2	28.5	30.9	30.0	30.4	29.8	29.0	29.5	29.5	28.4	28.8
9	28.8	27.8	28.1	30.6	30.0	30.3	29.4	28.8	29.2	28.8	28.1	28.4
10	28.2	27.4	27.8	30.7	30.1	30.4	29.6	28.9	29.3	28.7	28.0	28.4
11	27.4	23.4	24.6	30.5	29.3	30.1	29.6	24.5	27.2	29.1	28.0	28.5
12	25.7	23.7	24.3	30.2	26.1	29.2	25.7	25.0	25.3	29.1	28.1	28.6
13	26.5	25.5	25.8	27.4	26.0	26.4	26.9	25.6	26.0	28.8	27.9	28.4
14	27.2	26.5	26.8	28.4	26.8	27.8	27.1	26.1	26.6	28.5	27.6	28.1
15	27.6	27.1	27.3	29.3	28.3	28.9	29.3	26.9	28.0	28.3	27.6	28.0
16	27.8	27.3	27.5	30.2	29.3	29.9	29.7	28.6	29.3	28.1	27.4	27.8
17	29.5	27.4	28.2	30.5	29.9	30.1	29.6	27.5	29.0	28.2	27.4	27.9
18	29.5	27.7	28.4	30.3	29.7	30.0	29.4	27.5	28.7	28.0	27.4	27.7
19	29.6	28.3	29.0	30.7	29.5	30.2	29.5	27.4	28.6	28.0	27.5	27.7
20	29.5	28.0	28.7	31.1	30.1	30.6	28.8	27.3	28.2	27.8	27.0	27.4
21	29.1	28.2	28.6	31.2	28.1	29.9	28.8	27.9	28.5	27.8	27.1	27.4
22	28.9	28.2	28.4	30.2	28.1	29.4	28.9	28.2	28.8	28.1	27.3	27.7
23	29.2	28.1	28.4	30.2	29.2	29.6	29.1	28.8	28.9	28.1	27.1	27.7
24	28.8	27.9	28.2	30.3	29.5	29.9	29.5	28.9	29.2	28.1	25.5	27.0
25	28.4	28.0	28.2	30.2	26.5	29.0	29.9	29.3	29.5	27.5	25.8	26.7
26	28.4	28.1	28.2	27.9	24.6	26.0	30.5	29.7	29.9	27.5	26.2	26.8
27	28.6	28.0	28.4	27.6	26.1	26.7	30.6	30.2	30.4	27.2	26.1	26.8
28	29.0	27.9	28.2	29.0	27.6	28.2	30.8	27.5	29.5	27.5	26.0	27.0
29	29.1	28.6	28.8	28.8	28.2	28.4	29.7	27.5	29.0	27.5	26.3	27.0
30	29.1	28.7	28.8	29.7	28.6	29.1	29.5	28.8	29.2	26.9	25.7	26.5
31	---	---	---	29.8	29.2	29.4	29.6	28.6	29.2	---	---	---
MONTH	29.8	23.4	27.8	31.2	24.6	29.2	30.8	24.5	28.9	29.7	25.5	27.8
YEAR	31.2	7.9	21.9									

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.3	.6	2.4	4.4	.1	2.4	3.0	.6	1.5	4.9	.3	2.1
2	5.3	.7	2.1	3.7	.3	2.1	5.1	.0	2.1	5.8	.4	3.2
3	5.6	.8	2.3	4.1	.0	2.5	6.9	2.3	4.3	6.6	.7	3.7
4	7.0	1.5	4.0	7.4	.2	3.5	4.4	.4	2.4	5.9	1.6	4.0
5	---	---	---	6.7	3.4	5.2	4.4	.2	1.9	5.0	1.7	3.5
6	3.0	.5	1.3	5.6	2.2	4.4	5.0	.0	1.4	5.5	.9	3.3
7	2.8	.7	1.8	4.4	.8	2.8	4.8	.0	2.1	6.6	1.2	4.6
8	6.1	.7	4.0	---	---	---	4.6	.0	2.1	7.1	1.7	4.9
9	8.8	.3	3.6	6.3	1.0	3.8	3.8	.2	2.3	8.2	2.5	5.5
10	6.2	.2	1.4	5.1	1.2	3.1	5.2	.1	2.5	8.2	.1	6.1
11	3.6	.2	1.1	5.1	1.3	3.2	5.4	.2	2.3	7.8	1.8	5.5
12	---	---	---	5.4	1.1	3.4	4.3	.0	2.0	6.9	2.0	5.3
13	---	---	---	7.8	.2	2.2	5.3	.9	3.5	6.9	3.8	5.9
14	1.1	.1	.4	5.2	.1	1.7	3.7	.8	2.2	7.7	2.8	5.5
15	.9	.0	.3	6.3	.2	3.0	5.3	.0	2.1	8.3	5.4	7.1
16	1.8	.0	.4	6.1	.1	2.7	5.0	2.3	4.3	9.2	.0	6.6
17	3.4	.0	.4	3.6	.1	1.6	5.2	2.0	3.4	7.4	2.3	5.9
18	.9	.0	.3	2.2	.0	1.0	4.0	1.5	3.1	6.6	.0	4.0
19	1.3	.0	.3	3.6	.3	1.6	3.7	.0	2.2	---	---	---
20	1.4	.0	.6	5.3	1.0	2.3	5.5	.0	2.8	7.6	4.2	5.7
21	1.1	.1	.3	4.2	.1	1.9	6.9	2.1	5.1	7.7	4.1	5.8
22	2.1	.1	.7	3.4	.0	1.7	5.3	.0	3.2	6.7	.8	4.6
23	2.4	.1	.8	4.1	.3	1.9	5.9	.4	3.3	---	---	---
24	3.0	.0	.5	3.7	.3	1.8	6.2	.6	3.8	7.2	3.0	5.4
25	1.9	.1	.4	---	---	---	6.6	4.2	5.3	6.2	3.1	4.8
26	3.8	.0	.9	3.0	.0	1.5	5.8	1.4	3.9	6.6	2.8	5.1
27	3.3	.1	1.4	---	---	---	5.2	1.1	3.4	7.2	4.8	6.2
28	3.6	.1	1.5	---	---	---	5.7	.9	3.1	9.2	5.5	7.4
29	2.7	.0	1.2	---	---	---	4.4	.0	2.2	8.3	5.2	7.2
30	3.6	.0	1.5	4.6	.0	2.1	3.6	.3	1.9	8.2	.5	6.0
31	4.0	.6	2.0	---	---	---	4.3	.0	2.3	9.1	3.7	6.6
MONTH	8.8	.0	1.4	7.8	.0	2.5	6.9	.0	2.8	9.2	.0	5.2
FEBRUARY			MARCH			APRIL			MAY			
1	9.1	.2	6.8	7.0	.3	3.9	---	---	---	10.0	1.6	6.0
2	9.0	2.4	6.9	7.4	1.7	5.2	---	---	---	8.9	5.9	7.4
3	8.8	2.9	6.3	8.3	3.7	6.1	---	---	---	8.5	5.7	6.8
4	8.3	1.9	6.8	7.8	2.6	5.4	---	---	---	8.1	6.0	7.1
5	8.1	2.9	6.2	6.6	2.6	5.4	---	---	---	8.3	5.3	6.3
6	9.6	1.9	7.3	7.9	2.7	5.9	---	---	---	8.3	4.2	5.7
7	9.1	.7	6.7	10.2	4.0	6.8	---	---	---	9.8	3.4	5.7
8	9.4	3.7	7.4	9.7	4.5	7.6	---	---	---	9.0	3.7	5.8
9	8.7	2.5	6.2	9.0	5.5	7.5	---	---	---	10.7	3.9	6.7
10	9.4	.2	6.1	9.5	4.5	7.4	---	---	---	9.1	5.8	7.1
11	9.2	1.7	6.8	8.1	4.3	6.8	---	---	---	7.6	4.7	6.2
12	7.9	2.5	6.3	8.1	2.6	6.4	---	---	---	9.8	3.3	6.2
13	---	---	---	10.4	3.7	7.4	7.3	4.0	5.2	8.5	2.7	5.1
14	---	---	---	9.4	4.2	7.4	5.5	3.1	4.2	4.5	.2	2.6
15	---	---	---	8.3	4.8	6.7	4.0	2.5	3.4	2.5	.1	.8
16	---	---	---	7.3	3.3	5.8	3.7	1.7	2.8	3.6	.1	1.3
17	8.0	.5	5.0	5.7	2.6	3.9	4.3	1.4	3.0	8.3	2.9	4.8
18	8.8	3.2	6.5	5.9	.6	4.2	4.5	2.3	3.5	8.3	3.3	6.0
19	9.8	.3	6.3	5.9	2.7	4.7	5.6	2.1	4.0	7.7	2.9	5.3
20	7.8	2.0	5.6	---	---	---	6.8	2.4	5.2	7.9	1.5	4.3
21	8.1	1.6	4.9	---	---	---	6.1	3.9	5.1	6.7	1.6	4.0
22	8.4	4.0	6.4	---	---	---	6.9	2.6	5.4	7.2	.4	3.0
23	8.9	1.9	6.8	---	---	---	7.7	3.0	6.2	5.7	.1	3.1
24	8.7	3.3	6.6	---	---	---	7.3	4.1	5.6	6.2	1.5	4.5
25	9.0	.3	4.6	---	---	---	5.2	2.0	3.8	7.4	1.7	3.9
26	9.6	.3	5.6	---	---	---	6.3	.7	4.0	8.9	3.6	5.4
27	5.3	.3	3.1	---	---	---	5.8	.9	4.4	6.4	3.4	4.9
28	5.5	.2	1.6	---	---	---	5.6	3.1	4.5	9.1	2.4	4.3
29	6.7	.3	2.4	---	---	---	4.8	2.3	3.9	4.5	.6	2.1
30	---	---	---	---	---	---	5.4	1.6	3.4	2.7	.2	.8
31	---	---	---	---	---	---	---	---	---	3.0	.3	1.7
MONTH	9.8	.2	5.8	10.4	.3	6.0	7.7	.7	4.3	10.7	.1	4.7

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.7	.6	3.2	1.5	.1	.6	3.0	.4	1.4	9.5	.3	3.0
2	5.8	.9	3.5	1.8	.1	.4	2.2	.2	1.1	3.2	.2	1.1
3	6.5	.3	3.7	3.5	.3	1.6	2.6	.2	1.0	1.4	.2	.4
4	5.9	.3	3.1	3.3	.3	1.9	1.9	.2	.4	2.3	.1	.3
5	3.7	.7	2.2	2.1	.2	.7	1.1	.2	.3	2.8	.0	.3
6	6.8	.6	3.3	2.2	.3	.9	2.5	.2	.4	2.7	.0	.6
7	2.4	.3	1.1	5.7	.6	3.4	3.3	.2	1.1	4.2	.2	.8
8	3.6	.3	1.2	3.6	.8	1.6	3.1	.1	1.4	2.5	.1	.9
9	4.8	.3	2.1	3.5	.9	1.9	3.4	.2	1.1	1.8	.0	.6
10	6.5	2.1	3.9	4.5	2.0	3.1	5.1	.2	.8	2.0	.0	.4
11	8.8	1.8	4.4	5.3	1.5	3.5	2.9	.2	.7	2.2	.2	.7
12	5.6	3.1	4.5	4.2	.6	2.0	4.5	.2	.5	2.5	.2	1.1
13	6.5	1.5	3.9	4.4	.6	1.5	5.3	.2	.8	2.6	.4	1.3
14	6.7	2.4	4.4	2.9	.5	1.0	3.9	.2	.7	2.4	1.4	2.2
15	5.7	1.4	3.3	1.8	.7	1.0	5.5	.1	1.4	---	---	---
16	4.0	1.4	2.4	1.3	.9	1.0	4.1	.2	1.7	1.7	.3	1.2
17	3.2	1.3	2.0	1.6	.9	1.2	4.0	.2	1.3	2.7	.1	1.4
18	4.2	1.4	2.4	1.9	1.1	1.4	5.2	.6	3.1	2.3	.0	1.1
19	2.4	1.3	1.6	2.8	.5	1.8	8.6	4.2	6.8	5.2	.0	2.6
20	2.5	1.3	1.8	3.9	.4	2.0	6.6	.8	3.2	5.0	1.1	3.2
21	3.1	.6	2.0	5.0	.3	2.4	5.2	.2	2.5	4.5	1.6	2.9
22	3.2	.6	1.6	2.9	.3	1.1	4.1	.3	1.8	3.2	.8	1.7
23	3.8	.3	1.8	1.1	.4	.6	3.2	.3	1.5	2.5	.0	1.5
24	2.1	.2	.8	.5	.4	.5	4.1	.3	1.7	3.2	1.2	2.2
25	2.8	.3	1.2	1.3	.2	.6	4.0	.2	1.6	5.2	1.7	3.3
26	4.5	.6	2.7	3.8	.4	1.2	3.4	.2	1.1	4.1	.3	2.2
27	1.5	.3	.7	7.7	.4	4.0	5.7	.1	2.4	3.1	.0	1.2
28	2.0	.3	.7	7.9	.3	3.1	4.3	.1	1.7	2.8	.2	1.3
29	2.5	.3	1.0	7.2	.4	2.8	4.5	.1	1.6	3.3	.1	1.0
30	4.5	.2	1.0	7.0	.9	3.7	3.3	.3	1.4	2.1	.2	1.1
31	---	---	---	5.8	.7	3.1	3.8	.3	1.9	---	---	---
MONTH	8.8	.2	2.4	7.9	.1	1.8	8.6	.1	1.6	9.5	.0	1.4
YEAR	10.7	.0	3.2									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.0	.2	1.4	4.7	.5	2.0	7.4	2.3	5.6	11.6	6.8	9.4
2	8.2	.4	2.9	4.7	.6	2.4	6.8	.4	5.1	9.3	7.0	8.3
3	5.5	1.2	3.1	4.2	1.3	2.8	5.8	.0	3.1	10.3	3.3	7.9
4	5.6	1.5	3.0	3.7	.7	2.3	7.3	.2	4.2	11.3	.6	7.4
5	4.5	2.4	3.2	2.2	.7	1.2	6.9	.7	4.0	9.8	.6	7.1
6	4.6	1.6	2.8	7.0	.8	3.9	6.0	.6	3.2	9.9	.5	7.5
7	3.4	1.7	2.0	---	---	---	7.3	.9	4.1	9.7	3.8	8.1
8	2.4	1.7	1.9	---	---	---	7.3	1.1	4.7	9.8	5.4	7.9
9	3.1	1.6	2.1	---	---	---	7.6	1.1	5.2	10.1	4.9	7.9
10	3.7	1.9	3.1	---	---	---	8.3	1.1	5.1	9.2	5.2	8.0
11	---	---	---	---	---	---	8.5	.4	5.8	9.3	7.6	8.5
12	5.6	2.3	3.8	---	---	---	8.8	.0	5.3	9.8	7.0	8.9
13	6.0	3.2	4.4	---	---	---	7.8	2.0	5.0	10.4	5.3	9.1
14	6.1	3.0	4.3	---	---	---	7.0	3.9	6.0	10.7	7.2	9.3
15	7.0	1.8	4.2	---	---	---	6.1	2.0	4.5	9.5	2.0	6.6
16	6.8	1.7	4.3	5.4	3.8	4.2	6.1	2.5	4.8	7.2	2.1	5.0
17	5.3	3.3	4.4	5.9	2.9	4.5	7.3	2.5	5.9	6.9	.1	3.9
18	6.2	2.1	4.5	10.1	2.0	6.8	9.7	6.1	7.6	8.2	.1	3.7
19	5.9	1.7	3.3	10.0	4.9	8.2	7.7	4.6	6.0	7.1	.1	5.1
20	4.7	1.6	3.2	7.9	1.5	4.9	9.3	6.7	8.3	7.9	1.3	5.5
21	3.5	1.4	1.9	8.2	4.0	6.8	8.9	6.4	8.1	8.6	4.1	6.8
22	3.5	1.1	1.9	7.8	3.6	6.3	8.9	7.4	8.4	9.6	5.9	6.9
23	4.0	1.4	2.6	8.1	2.1	5.8	9.4	7.6	8.4	9.6	6.3	7.7
24	4.2	1.3	2.5	9.3	2.1	6.7	9.2	3.8	8.0	8.6	6.5	7.5
25	3.9	1.5	2.4	8.6	6.5	7.7	9.6	3.5	7.8	8.1	5.4	7.2
26	4.4	.9	3.0	7.9	2.5	6.9	9.1	1.2	6.8	---	---	---
27	4.4	.9	2.3	7.9	6.4	7.2	10.3	1.4	6.0	9.0	5.7	7.3
28	4.7	.6	1.9	8.6	5.9	7.3	9.9	4.0	8.2	8.3	2.7	7.0
29	4.6	.4	1.7	8.8	4.5	7.3	10.3	6.9	9.0	---	---	---
30	5.4	.5	1.9	---	---	---	12.7	7.5	9.8	---	---	---
31	3.5	.4	1.8	---	---	---	11.6	7.9	9.8	---	---	---
MONTH	8.2	.2	2.9	10.1	.5	5.3	12.7	.0	6.3	11.6	.1	7.2

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

TURBIDITY (NTU), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.0	.0	1.6	7.0	.0	.4	.0	.0	.0	.0	.0	.0
2	12	.0	1.5	1.0	.0	.0	.0	.0	.0	18	.0	1.1
3	3.0	.0	.7	1.0	.0	.1	1.0	.0	.0	3.0	.0	.2
4	2.0	.0	.6	.0	.0	.0	1.0	.0	.1	1.0	.0	.1
5	1.0	.0	.1	4.0	.0	.1	1.0	.0	.1	1.0	.0	.0
6	1.0	.0	.2	4.0	.0	.1	2.0	.0	.6	2.0	.0	.3
7	1.0	.0	.0	2.0	.0	.1	1.0	.0	.3	2.0	.0	.6
8	1.0	.0	.1	---	---	---	1.0	.0	.3	2.0	.0	.2
9	38	.0	10	.0	.0	.0	1.0	.0	.1	3.0	.0	.3
10	13	.0	4.1	4.0	.0	.4	1.0	.0	.1	4.0	.0	.9
11	7.0	.0	1.2	1.0	.0	.1	1.0	.0	.1	3.0	.0	.5
12	1.0	.0	.1	.0	.0	.0	1.0	.0	.2	2.0	.0	.5
13	2.0	.0	.2	.0	.0	.0	1.0	.0	.1	3.0	.0	1.0
14	5.0	.0	1.1	.0	.0	.0	2.0	.0	.4	2.0	.0	.1
15	9.0	.0	1.3	5.0	.0	.3	.0	.0	.0	.0	.0	.0
16	3.0	.0	.6	1.0	.0	.1	2.0	.0	.3	.0	.0	.0
17	13	.0	2.1	2.0	.0	.6	2.0	.0	.2	5.0	.0	.4
18	3.0	.0	.4	4.0	.0	.9	1.0	.0	.1	5.0	.0	.5
19	19	.0	4.0	1.0	.0	.3	1.0	.0	.0	5.0	.0	1.0
20	2.0	.0	.4	2.0	.0	.8	5.0	.0	.5	---	---	---
21	24	.0	5.3	1.0	.0	.1	16	.0	5.0	---	---	---
22	12	.0	1.8	5.0	.0	.7	5.0	.0	1.0	---	---	---
23	9.0	.0	.7	1.0	.0	.4	.0	.0	.0	---	---	---
24	18	.0	1.4	1.0	.0	.2	.0	.0	.0	---	---	---
25	21	.0	2.4	1.0	.0	.5	1.0	.0	.0	---	---	---
26	13	.0	1.3	1.0	.0	1.0	1.0	.0	.1	---	---	---
27	12	.0	1.1	1.0	1.0	1.0	2.0	.0	.3	---	---	---
28	5.0	.0	1.3	1.0	1.0	1.0	1.0	.0	.0	---	---	---
29	4.0	.0	.7	1.0	.0	.6	.0	.0	.0	---	---	---
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	---	---	---
31	5.0	.0	.6	---	---	---	.0	.0	.0	---	---	---
MONTH	38	.0	1.5	7.0	.0	.3	16	.0	.3	18	.0	.4
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	8.0	.0	3.5	11	6.0	8.2	14	8.0	11
2	---	---	---	18	2.0	7.1	10	.0	5.5	16	9.0	12
3	---	---	---	16	2.0	8.0	12	.0	6.0	16	9.0	12
4	15	3.0	8.8	14	4.0	6.7	11	3.0	5.9	13	8.0	10
5	17	3.0	6.0	8.0	1.0	4.3	12	3.0	7.7	23	7.0	12
6	15	3.0	8.6	7.0	1.0	4.0	13	4.0	7.1	17	6.0	11
7	9.0	2.0	5.9	7.0	2.0	3.9	21	3.0	9.7	11	6.0	7.4
8	13	1.0	6.2	6.0	1.0	3.3	16	3.0	7.8	17	6.0	11
9	10	1.0	4.4	6.0	.0	3.6	53	3.0	22	11	5.0	7.9
10	13	1.0	4.7	7.0	.0	3.0	81	7.0	38	22	1.0	6.7
11	7.0	.0	3.1	7.0	1.0	3.6	60	14	39	11	1.0	5.5
12	8.0	.0	2.6	7.0	1.0	3.3	---	---	---	6.0	.0	3.2
13	15	.0	3.5	8.0	1.0	3.5	41	5.0	18	6.0	.0	1.8
14	33	1.0	7.3	13	1.0	5.5	22	5.0	13	4.0	.0	.7
15	8.0	1.0	2.7	18	.0	11	15	4.0	9.5	22	.0	3.5
16	7.0	.0	2.7	21	.0	12	17	4.0	9.0	5.0	.0	2.2
17	8.0	.0	3.7	21	.0	14	39	4.0	17	5.0	.0	2.3
18	10	2.0	5.6	34	.0	12	20	5.0	13	6.0	.0	1.8
19	9.0	.0	4.7	130	34	86	23	6.0	14	3.0	.0	.6
20	6.0	1.0	3.8	120	32	82	24	5.0	14	4.0	.0	.5
21	6.0	.0	2.5	38	.0	22	38	5.0	15	10	.0	1.0
22	5.0	.0	2.5	26	.0	18	20	4.0	12	6.0	.0	1.1
23	15	2.0	5.1	26	16	22	29	5.0	16	---	---	---
24	14	3.0	5.4	41	17	27	25	9.0	15	---	---	---
25	9.0	1.0	4.5	39	18	28	48	5.0	17	---	---	---
26	6.0	1.0	3.1	45	16	28	12	3.0	6.8	---	---	---
27	13	2.0	7.4	40	13	26	63	7.0	17	---	---	---
28	7.0	.0	3.2	70	13	42	17	9.0	13	---	---	---
29	5.0	.0	2.2	---	15	---	14	8.0	11	---	---	---
30	---	---	---	67	28	38	26	8.0	13	---	---	---
31	---	---	---	34	8.0	15	---	---	---	---	---	---
MONTH	33	.0	4.6	130	.0	18	81	.0	14	23	.0	5.7

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

TURBIDITY (NTU), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	15	4.0	8.4	7.0	1.0	3.9	45	.0	10
2	---	---	---	14	5.0	8.3	9.0	.0	3.5	16	4.0	8.5
3	---	---	---	15	6.0	9.2	6.0	.0	2.6	7.0	.0	3.9
4	---	---	---	17	6.0	---	9.0	1.0	3.9	14	1.0	4.6
5	---	---	---	---	---	---	15	1.0	6.5	12	2.0	6.3
6	14	6.0	9.0	---	---	11	12	2.0	5.4	21	2.0	9.8
7	12	3.0	7.3	7.0	2.0	4.6	14	2.0	4.7	33	1.0	14
8	10	1.0	5.2	18	4.0	7.3	9.0	2.0	4.5	10	1.0	4.2
9	12	2.0	5.8	11	3.0	5.6	21	1.0	5.4	8.0	1.0	4.1
10	13	5.0	7.8	7.0	3.0	4.8	23	4.0	12	23	.0	6.3
11	15	4.0	7.5	41	4.0	14	8.0	2.0	4.2	32	.0	7.7
12	11	5.0	7.9	---	---	---	11	3.0	5.2	8.0	.0	2.5
13	14	5.0	8.7	---	---	---	13	2.0	6.2	11	.0	3.0
14	13	4.0	7.9	---	---	---	7.0	2.0	4.1	18	.0	6.1
15	21	3.0	9.6	---	---	---	63	1.0	7.8	---	---	---
16	13	3.0	7.1	---	---	---	9.0	2.0	4.5	12	2.0	6.5
17	11	2.0	5.6	---	---	---	8.0	3.0	4.3	7.0	1.0	3.6
18	36	1.0	12	---	---	---	4.0	2.0	3.3	7.0	1.0	2.4
19	15	3.0	5.7	---	---	---	4.0	2.0	3.3	5.0	1.0	2.2
20	12	4.0	7.2	9.0	3.0	5.9	10	1.0	3.7	6.0	1.0	3.4
21	9.0	2.0	4.7	63	3.0	13	9.0	1.0	3.5	16	4.0	7.5
22	6.0	1.0	2.9	11	2.0	5.3	7.0	2.0	3.7	9.0	2.0	5.0
23	24	2.0	6.8	9.0	2.0	4.7	16	2.0	5.3	5.0	2.0	3.5
24	11	.0	3.7	12	4.0	7.0	12	.0	5.6	6.0	1.0	3.3
25	10	1.0	4.0	17	4.0	8.2	20	1.0	6.5	12	1.0	5.6
26	64	8.0	23	12	4.0	6.7	16	.0	4.8	23	3.0	7.6
27	15	8.0	10	8.0	3.0	5.3	14	.0	3.1	27	1.0	6.9
28	14	4.0	6.6	9.0	1.0	3.9	5.0	.0	1.6	27	2.0	9.0
29	19	4.0	7.6	7.0	1.0	3.7	14	.0	4.1	18	5.0	10
30	13	4.0	8.6	7.0	1.0	3.1	16	2.0	7.9	22	2.0	6.4
31	---	---	---	8.0	1.0	3.4	8.0	2.0	3.8	---	---	---
MONTH	64	.0	7.7	63	1.0	6.8	63	.0	4.8	45	.0	6.0
YEAR	130	.0	6.0									

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	11	1.0	4.4	9.0	3.0	5.5	16	8.0	12	49	16	25
2	10	2.0	5.2	13	2.0	7.6	11	4.0	8.5	45	19	26
3	16	1.0	5.5	14	3.0	9.0	10	4.0	6.8	25	6.0	18
4	14	2.0	6.6	12	3.0	6.8	15	3.0	5.8	27	2.0	13
5	10	2.0	6.1	5.0	2.0	3.7	14	4.0	6.5	23	2.0	14
6	110	3.0	17	49	4.0	7.6	9.0	2.0	4.2	28	3.0	15
7	15	4.0	7.1	110	2.0	21	16	2.0	3.9	23	5.0	16
8	12	5.0	7.9	5.0	1.0	3.6	11	2.0	6.2	45	11	22
9	18	3.0	9.8	5.0	1.0	3.1	9.0	3.0	5.8	21	3.0	14
10	8.0	2.0	5.6	4.0	1.0	2.6	14	1.0	4.9	21	3.0	15
11	---	---	---	4.0	1.0	2.3	7.5	2.0	4.7	20	6.0	15
12	14	6.0	9.3	---	---	---	12	2.0	5.7	21	10	17
13	16	5.0	8.8	4.0	1.0	2.9	16	2.0	7.0	20	9.0	17
14	15	5.0	9.2	6.0	1.0	3.3	24	5.0	11	20	8.0	16
15	12	5.0	7.6	6.0	1.0	2.5	19	2.0	12	18	2.0	13
16	12	4.0	8.7	6.0	2.0	3.9	12	5.0	7.5	42	7.0	20
17	12	5.0	7.9	16	1.0	7.7	7.0	3.0	4.8	20	2.0	11
18	17	6.0	11	97	2.0	42	12	5.0	7.8	18	2.0	9.5
19	20	5.0	10	47	11	28	20	6.0	11	63	5.0	23
20	14	5.0	8.9	15	3.0	9.9	13	5.0	8.2	44	8.0	23
21	25	5.0	10	22	8.0	12	34	8.0	18	27	12	18
22	14	5.0	9.8	15	6.0	9.5	35	14	24	38	14	21
23	35	7.0	17	15	3.0	9.0	22	15	18	49	14	27
24	16	4.0	8.3	160	5.0	41	17	7.0	13	53	17	35
25	16	4.0	8.4	120	13	41	15	4.0	11	58	16	33
26	12	4.0	7.1	24	9.0	16	12	2.0	9.5	---	---	---
27	14	5.0	7.5	17	9.0	14	13	2.0	6.6	65	21	35
28	15	4.0	7.1	15	9.0	13	74	4.0	31	46	15	31
29	20	3.0	8.6	16	9.0	12	60	14	24	---	---	---
30	9.0	3.0	5.6	---	---	---	20	11	16	---	---	---
31	13	3.0	6.6	---	---	---	22	11	16	---	---	---
MONTH	110	1.0	8.4	160	1.0	12	74	1.0	11	65	2.0	20

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	23	14	18	39	9.0	18	22	8.0	12	18	7.0	11
2	30	13	18	33	9.0	21	32	7.0	14	14	6.0	10
3	27	12	18	550	12	170	33	9.0	16	14	3.0	8.2
4	---	---	---	180	25	73	22	11	15	16	3.0	8.2
5	25	12	19	42	19	28	21	10	15	36	5.0	8.2
6	---	---	---	51	24	32	26	13	17	11	4.0	6.5
7	25	14	19	46	14	25	29	17	22	12	4.0	7.1
8	24	13	17	36	17	25	35	18	26	12	5.0	8.1
9	20	12	16	32	14	20	73	29	44	15	3.0	7.8
10	41	11	24	20	11	15	50	25	32	11	3.0	7.0
11	30	12	19	18	10	14	49	11	32	11	3.0	7.4
12	24	12	18	480	12	130	34	9.0	19	10	4.0	6.5
13	25	3.0	15	93	44	76	41	10	22	10	4.0	5.8
14	14	2.0	9.6	140	30	39	38	9.0	22	9.0	.0	5.6
15	15	5.0	10	---	---	---	33	10	22	8.0	.0	4.1
16	24	7.0	12	68	32	53	23	5.0	12	10	.0	4.6
17	24	9.0	15	34	20	29	11	5.0	8.0	7.0	.0	4.0
18	29	12	18	34	19	25	---	---	---	11	3.0	6.0
19	40	10	23	23	16	18	---	---	---	7.0	4.0	5.4
20	34	8.0	18	30	14	19	14	8.0	10	7.0	4.0	5.2
21	26	7.0	14	---	---	---	22	7.0	13	12	5.0	8.3
22	35	13	20	39	16	27	14	6.0	8.9	8.0	3.0	5.3
23	24	14	18	33	13	20	17	7.0	11	6.0	.0	3.1
24	25	10	13	26	13	18	210	9.0	57	8.0	.0	2.2
25	16	9.0	11	55	12	38	140	38	83	5.0	.0	1.0
26	19	9.0	14	260	28	93	38	14	22	10	.0	2.5
27	20	9.0	14	260	8.0	65	17	10	14	11	.0	2.4
28	---	---	---	16	8.0	11	18	10	14	8.0	.0	2.4
29	---	---	---	23	9.0	13	18	7.0	12	8.0	3.0	4.9
30	---	---	---	28	9.0	14	15	8.0	11	17	.0	7.2
31	---	---	---	25	9.0	15	---	---	---	70	3.0	17
MONTH	41	2.0	16	550	8.0	39	210	5.0	22	70	.0	6.2
JUNE				JULY			AUGUST			SEPTEMBER		
1	71	24	40	11	7.0	8.6	26	5.0	8.6	12	5.0	7.8
2	35	10	17	11	7.0	8.9	19	5.0	11	11	5.0	7.7
3	11	3.0	7.1	12	7.0	8.9	20	4.0	8.4	37	6.0	14
4	25	3.0	13	15	8.0	10	11	5.0	7.7	180	10	38
5	23	9.0	16	19	9.0	12	13	6.0	8.2	250	42	120
6	46	8.0	16	15	8.0	12	10	3.0	5.3	57	19	30
7	44	8.0	19	17	8.0	12	7.0	3.0	4.9	21	14	17
8	26	7.0	15	15	7.0	9.8	11	5.0	7.4	28	14	17
9	22	7.0	12	25	6.0	11	10					

MOBILE RIVER BASIN

02471078 FOWL RIVER AT HALF MILE ROAD NEAR LAURENDINE, AL

LOCATION.--Lat 30°30'02", long 88°10'53", in NE $\frac{1}{4}$ sec. 28, T. 6 S., R. 2 W., Mobile County, Hydrologic Unit 03160205, at bridge on Half Mile Road about 1 mi west of Laurendine.

DRAINAGE AREA.--16.5 mi².

PERIOD OF RECORD.--March 1995 to current year.

REVISED RECORD.--WDR AL-97-1: 1995-96 (P).

GAGE.--Water-stage recorder. Datum of gage is 16.96 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	13	22	23	24	29	23	18	25	20	25	26
2	13	13	22	22	24	71	22	18	20	19	23	25
3	13	13	22	22	23	42	22	18	18	24	22	51
4	13	13	22	22	23	65	22	18	16	31	22	45
5	13	13	22	22	23	32	22	18	16	32	22	35
6	14	14	21	22	22	27	22	18	16	26	26	27
7	19	46	21	22	22	25	21	17	16	21	24	25
8	15	28	21	22	23	25	21	18	17	19	23	24
9	14	22	21	22	23	25	21	19	22	22	23	24
10	13	19	21	22	30	26	21	26	21	19	22	25
11	13	16	21	22	26	25	21	21	423	18	30	27
12	13	15	21	23	24	124	21	19	239	20	47	29
13	13	18	21	22	23	317	21	18	43	27	86	28
14	13	25	25	22	23	51	21	18	39	21	33	24
15	13	18	25	25	23	455	20	17	26	18	29	23
16	13	19	24	34	23	122	21	17	22	17	26	22
17	13	32	26	28	23	36	20	17	21	16	24	22
18	13	31	23	26	22	34	19	16	20	17	24	23
19	13	63	25	33	22	30	19	16	24	16	28	28
20	13	41	23	33	22	28	19	16	31	16	40	32
21	13	22	23	27	30	27	19	16	22	39	29	25
22	13	20	26	25	33	26	19	18	24	45	25	23
23	13	19	23	24	25	25	19	18	23	22	23	22
24	13	29	22	24	24	24	19	17	20	19	22	22
25	13	146	22	23	24	24	20	16	19	60	22	22
26	13	44	22	23	23	23	19	16	18	245	21	21
27	13	27	22	23	23	23	18	16	18	209	22	21
28	13	24	36	23	28	24	18	16	19	46	27	20
29	13	23	28	24	---	29	18	16	18	31	30	20
30	13	23	24	33	---	26	18	20	20	26	30	20
31	13	---	23	27	---	24	---	19	---	25	29	---
TOTAL	413	849	720	765	678	1864	606	551	1276	1186	879	781
MEAN	13.3	28.3	23.2	24.7	24.2	60.1	20.2	17.8	42.5	38.3	28.4	26.0
MAX	19	146	36	34	33	455	23	26	423	245	86	51
MIN	13	13	21	22	22	23	18	16	16	16	21	20
CFSM	.81	1.72	1.41	1.50	1.47	3.64	1.22	1.08	2.58	2.32	1.72	1.58
IN.	.93	1.91	1.62	1.72	1.53	4.20	1.37	1.24	2.88	2.67	1.98	1.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2001, BY WATER YEAR (WY)

	35.1	37.1	32.8	56.8	39.1	62.7	46.7	32.4	36.0	54.3	29.3	47.8
MEAN	35.1	37.1	32.8	56.8	39.1	62.7	46.7	32.4	36.0	54.3	29.3	47.8
MAX	67.0	60.9	48.2	175	63.2	106	113	53.7	59.6	189	37.2	179
(WY)	1996	1996	1996	1998	1996	1998	1996	1995	1997	1997	1995	1998
MIN	13.3	20.3	23.2	19.9	17.9	32.5	19.0	15.8	18.4	18.6	15.0	18.8
(WY)	2001	2000	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1995 - 2001
ANNUAL TOTAL	7345	10568	
ANNUAL MEAN	20.1	29.0	42.6
HIGHEST ANNUAL MEAN			66.4
LOWEST ANNUAL MEAN			20.7
HIGHEST DAILY MEAN	241	455	2220
LOWEST DAILY MEAN	11	13	11
ANNUAL SEVEN-DAY MINIMUM	12	13	12
MAXIMUM PEAK FLOW		945	6940
MAXIMUM PEAK STAGE		7.84	12.56
ANNUAL RUNOFF (CFSM)	1.22	1.75	2.58
ANNUAL RUNOFF (INCHES)	16.56	23.83	35.08
10 PERCENT EXCEEDS	24	33	53
50 PERCENT EXCEEDS	18	22	28
90 PERCENT EXCEEDS	13	15	18

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN

02399499 WEISS LAKE NEAR LEESBURG, AL

LOCATION.--Lat 34°10'19", long 85°45'14", in SE¹/₄ sec. 12, T. 10 S., R. 8 E., Cherokee County, Hydrologic Unit 03150105, about 75 ft upstream from centerline of left end of Weiss Dam on Coosa River on U.S. Highway 411, 1.2 mi east of Leesburg, 4 mi upstream from Yellow Creek, and at mile 226.1.

DRAINAGE AREA.--5,270 mi², approximately.

PERIOD OF RECORD.--March 1961 to current year.

GAGE.--Water-stage recorder with remote indicating gages, referenced to a vertical staff gage. Datum of gage is sea level.

REMARKS.--Reservoir is formed by a compacted earth dam with a concrete gated spillway section. Spillway is equipped with five taintor gates 40 ft wide by 38 ft high. Storage began Mar. 28, 1961. Total capacity at elevation 564 ft is 360,400 acre-ft. Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 559,100 acre-ft, Apr. 8, 1977, elevation, 570.91 ft; minimum daily contents, 127,200 acre-ft, Jan. 1, 1970, elevation, 556.31 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 319,400 acre-ft, June 6, elevation, 564.43 ft; minimum daily contents, 165,200 acre-ft, Nov. 6, elevation, 558.36 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	560.59	214,400	--	--
Oct. 31	558.73	172,800	-41,600	-677
Nov. 30	560.37	209,200	+36,400	-612
Dec. 31	559.09	180,400	-28,800	-468
CAL YR 2000			+31,800	+44
Jan. 31	559.81	196,200	+15,800	+257
Feb. 28	560.89	221,700	+25,500	+459
Mar. 31	562.16	254,200	+32,500	+529
Apr. 30	563.65	296,000	+41,800	+703
May 31	564.16	311,200	+15,200	-247
June 30	564.04	307,600	-3,600	-60
July 31	563.83	301,300	-6,300	-102
Aug. 31	562.90	274,200	-27,100	-441
Sept. 30	562.30	258,000	-16,200	-272
WTR YR 2001			+43,600	+60

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02401620 H. NEELY HENRY RESERVOIR NEAR GADSDEN, AL

LOCATION.--Lat 33°47'02", long 86°03'10", in N¹/₂ sec. 31, T. 14 S., R. 6 E., Calhoun County, Hydrologic Unit 03150106, at forebay of Henry Dam on Coosa River, 16 mi south of Gadsden, and at mile 146.8.

DRAINAGE AREA.--6,596 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

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

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by Alabama Power Company).

REMARKS.--Reservoir is formed by a compacted earth dam with a concrete gated spillway section. Spillway is equipped with six taintor gates 40 ft wide by 29 ft high. Storage began Feb. 23, 1966. Total capacity at elevation 508 ft is 120,850 acre-ft. Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 126,800 acre-ft, Oct. 19, 1966, elevation, 508.52 ft; minimum daily contents, 43,600 acre-ft, Feb. 13, 1997, elevation, 498.45 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 123,700 acre-ft, Sept. 5, elevation, 508.25 ft; minimum daily contents, 78,400 acre-ft, Mar. 8, elevation, 503.60 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	505.86	98,500	--	--
Oct. 31	505.20	92,300	-6,200	-101
Nov. 30	504.70	87,800	-4,500	-76
Dec. 31	504.91	89,700	+1,900	+31
CAL YR 2000			+1,700	+2
Jan. 31	504.21	83,500	-6,200	-101
Feb. 28	504.46	85,700	+2,200	+79
Mar. 31	506.30	102,800	+17,100	+278
Apr. 30	507.61	116,500	+13,700	+230
May 31	507.21	112,200	-4,300	-70
June 30	507.34	113,600	+1,400	+24
July 31	507.49	115,200	+1,600	+26
Aug. 31	507.38	114,000	-1,200	-20
Sept. 30	507.49	115,200	+1,200	+20
WTR YR 2001			+16,700	+23

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02405200 LOGAN MARTIN RESERVOIR NEAR CHILDERSBURG, AL

LOCATION.--Lat 33°24'33", long 86°20'17", in NW¹/₄ sec. 33, T. 18 S., R. 3 E., St. Clair County, Hydrologic Unit 03150106, at Logan Martin Dam on Coosa River, 2 mi upstream from Kelly Creek, 10 mi north of Childersburg, and at mile 98.5.

DRAINAGE AREA.--7,743 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

PERIOD OF RECORD.--July 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level.

REMARKS.--Reservoir is formed by a compacted earth dam with gated concrete spillway section. Spillway is equipped with six taintor gates 40 ft wide by 38 ft high and one stoney-type trash gage 20 ft wide by 22.5 ft high. Storage began June 21, 1964. Total capacity at elevation 465 ft (top of power pool) is 273,300 acre-ft of which 142,107 acre-ft is usable storage above elevation 452.5 ft (minimum pool). Reservoir is used for power development and flood control. Gage-height record and capacity tables furnished by Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 475,800 acre-ft, Apr. 6, 1977, elevation, 475.31 ft; minimum daily contents, 186,100 acre-ft, Oct. 17, 1972, elevation, 458.27 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 294,800 acre-ft, Mar. 23, elevation, 466.36 ft; minimum daily, 195,800 acre-ft, Mar. 2, elevation, 459.15 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	462.38	235,800	--	--
Oct. 31	460.39	210,400	-25,400	-413
Nov. 30	461.59	225,400	+15,000	+252
Dec. 31	460.14	207,400	-18,000	-293
CAL YR 2000			+6,600	+9
Jan. 31	459.36	198,300	-9,100	-148
Feb. 28	459.67	201,800	+3,500	+63
Mar. 31	459.71	202,300	+500	+8
Apr. 30	464.82	270,600	+68,300	+1,150
May 31	465.35	278,700	+8,100	+132
June 30	465.38	279,200	+500	+8
July 31	464.89	271,600	-7,600	-124
Aug. 31	463.84	256,100	-15,500	-252
Sept. 30	464.14	260,400	+4,300	+72
WTR YR 2001			+24,600	+34

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02407950 LAY LAKE NEAR CLANTON, AL

LOCATION.--Lat 32°57'54", long 86°31'03", in NE $\frac{1}{4}$ sec. 24, T. 23 N., R. 15 E., Chilton County, Hydrologic Unit 03150107, at Lay Dam on Coosa River, 0.5 mi upstream from Page Creek, 11 mi northeast of Clanton, and at mile 51.0.

DRAINAGE AREA.--9,053 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder with remote indicating gages. Prior to May 14, 1968, staff gage. Datum of gage is sea level (levels by Alabama Power Co.). Prior to Jan. 1, 1966, at old Coosa River datum, 37.9 ft lower.

REMARKS.--Reservoir is formed by a concrete gravity-type dam equipped with 26 radial gates 30 ft wide by 17 ft high. The pool was filled on Jan. 4, 1968. Total capacity at elevation 396.0 ft (top of gates) is 262,774 acre-ft, of which 117,780 acre-ft is controlled storage above elevation 382.0 ft (minimum pool). Prior to May 14, 1968, reservoir was formed by a concrete gravity-type dam, completed April 1914. Dam was equipped with 26 vertical lift gates 30 ft wide by 14 ft high. Total capacity at elevation 382.0 ft was 144,994 acre-ft. Reservoir is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

02409400 MITCHELL LAKE NEAR CLANTON, AL

LOCATION.--Lat 32°48'30", long 86°26'30", in NE $\frac{1}{4}$ sec. 15, T. 21 N., R. 16 E., Chilton County, Hydrologic Unit 03150107, at Mitchell Dam on Coosa River, 5 mi downstream from Hatchet Creek, 11 mi southeast of Clanton, and at mile 36.8.

DRAINAGE AREA.--9,778 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Staff gage. Datum of gage is sea level (levels by Alabama Power Co.). Prior to Jan. 1, 1966, at old Coosa River datum, 38.08 ft lower.

REMARKS.--Reservoir is formed by concrete gravity-type dam, completed August 1923, equipped with 26 radial gates 30 ft wide and 15 ft high. Total storage at elevation 311.9 ft (top of power pool) is 172,000 acre-ft, of which 33,300 acre-ft is usable storage above elevation 305.9 ft. Reservoir is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

02410400 JORDAN LAKE NEAR WETUMPKA, AL

LOCATION.--Lat 32°37'07", long 86°15'19", in N $\frac{1}{2}$ sec. 22, T. 19 N., R. 18 E., Elmore County, Hydrologic Unit 03150107, at Jordan Dam on Coosa River, 4 mi upstream from Pigeonroost Creek, 5 mi northwest of Wetumpka, and at mile 18.9.

DRAINAGE AREA.--10,102 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder with remote indicating gages. Prior to February 1967, staff gage. Datum of gage is sea level (levels by Alabama Power Co.). Prior to Jan. 1, 1966, at old Coosa River datum 38.0 ft lower.

REMARKS.--Reservoir, completed January 1929, is formed by a concrete arch-type dam equipped with 17 tainter gates 30 ft wide by 18 ft high and 18 tainter gates 34 ft wide and 8.1 ft high. Prior to Mar. 25, 1967, the dam was equipped with 17 radial gates 30 ft wide by 18 ft high and 642 ft open-crest spillway. Bouldin Hydro Plant (July 1, 1967 to Feb. 9, 1975, and Aug. 15, 1980 to current year). Lat 32°34'58", long 86°17'02", in SW $\frac{1}{4}$ sec. 32, T. 19 N., R. 18 E., Elmore County, also utilizes the water from Jordan Reservoir through a canal approximately 1 mi north of Jordan Dam joining the Bouldin Hydro Plant forebay with Jordan Reservoir. The discharge from Bouldin Hydro Plant flows through a 4.5 mi canal to the Coosa River at approximately 7 mi downstream from Wetumpka. There are no facilities at Bouldin Hydro Plant for releasing hydraulic flows in excess of generating capabilities of Jordan and Bouldin Hydro Plants. Total storage at elevation 252.0 ft is 236,200 acre-ft, of which 58,000 acre-ft is usable storage above elevation 242.0 ft. Reservoir is used for power development. Gage-height record and storage tables furnished by Alabama Power Co.

COMBINED LAY, MITCHELL, AND JORDAN LAKES

MONTHEND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Contents (acre-feet)	Change in contents	
		(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	657,100	--	--
Oct. 31	658,700	+1,600	+26
Nov. 30	662,800	+4,100	+69
Dec. 31	663,500	+700	+11
CAL YR 2000.		+3,800	+5
Jan. 31	657,700	-5,800	-94
Feb. 28	658,400	+700	+13
Mar. 31	665,600	+7,200	+117
Apr. 30	664,600	-1,000	-17
May 31	659,400	-5,200	-85
June 30	658,900	-500	-8
July 31	664,700	+5,800	+94
Aug. 31	659,600	-5,100	-83
Sept. 30	644,000	-15,600	-263
WTR YR 2001		-13,100	-18

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02413950 HARRIS RESERVOIR NEAR WEDOWEE, AL

LOCATION.--Lat 33°15'37", long 85°37'00", in NW $\frac{1}{4}$ sec. 28, T. 20 S., R. 10 E., Randolph County, Hydrologic Unit 03150109, formed by Harris Dam constructed across the Tallapoosa River, 0.8 mi upstream of Crooked Creek, 7 mi west of Wedowee, and at mile 139.0.

DRAINAGE AREA.--1,453 mi², approximately.

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

GAGE.--Remote water stage recorder and indicating gages, referenced to vertical staff gage. Datum of gage is sea level (levels by Alabama Power Company).

REMARKS.--Reservoir is formed by a compacted earth dam with a concrete gated spillway section. Spillway is equipped with six radial gates 40 ft wide and 40.4 ft high. Storage began Oct. 27, 1982. Surface area at elevation 793.0 ft (top of power pool) is 10,660 acres. Total storage at elevation 793.0 ft is 425,700 acre-ft of which 207,300 acre-ft is usable storage above elevation 768.0 ft. Reservoir is used for power development and flood control. Gage height and capacity table furnished by Alabama Power Company.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 432,300 acre-ft, Oct. 6, 1995, elevation, 793.61 ft; minimum daily contents, 299,600 acre-ft, Nov. 7, 2000, elevation, 779.40 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 425,900 acre-ft, July 4, elevation, 793.02 ft; minimum daily, 299,600 acre-ft, Nov. 7, elevation 779.40 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	782.43	324,700	--	--
Oct. 31	780.10	305,200	-19,500	-317
Nov. 30	785.10	348,100	+42,900	+721
Dec. 31	785.06	347,800	-300	-5
CAL YR 2000			+15,500	+21
Jan. 31	784.60	343,600	-4,200	-68
Feb. 28	784.25	340,500	-3,100	+56
Mar. 31	786.34	359,500	+19,000	+309
Apr. 30	792.85	424,100	+64,500	+1,090
May 31	792.49	420,300	-3,800	-62
June 30	792.89	424,500	+4,200	+71
July 31	791.77	412,800	-11,700	-190
Aug. 31	788.35	378,500	-34,300	-558
Sept. 30	787.38	369,200	-9,300	-156
WTR YR 2001			+44,500	-61

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02417500 LAKE MARTIN NEAR TALLASSEE, AL

LOCATION.--Lat 32°40'41", long 85°54'30", in sec. 36, T. 20 N., R. 21 E., Tallapoosa County, Hydrologic Unit 03150109, at forebay of Martin Dam on Tallapoosa River, 5 mi upstream from Sougahatchee Creek, 10 mi north of Tallassee, and at mile 60.6.

DRAINAGE AREA.--2,984 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

PERIOD OF RECORD.--October 1927 to current year.

GAGE.--Remote indicating gage referenced to wire weight gage. Datum of gage is sea level (levels by Alabama Power Co.), adjustment unknown.

REMARKS.--Lake is formed by a combination arch and gravity concrete dam with a riprap earth embankment on left or east end. Spillway is equipped with 20 modified stoney-type gates, 30 ft wide and 16 ft high. Storage began in the summer of 1926, and the powerhouse was completed in the summer of 1927. Total capacity at elevation 490.00 ft (top of gates) is 1,622,000 acre-ft, of which 1,375,000 acre-ft is controlled storage above elevation 430.00 ft (minimum pool). Lake is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents since Oct. 1, 1940, 1,648,900 acre-ft, Apr. 14, 1979, elevation, 490.69 ft; minimum daily, 555,000 acre-ft, June 29, 1941, elevation 452.12 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 1,616,500 acre-ft, Apr. 24, elevation, 489.85 ft; minimum daily, 1,245,700 acre-ft, Nov. 6, elevation, 479.57 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	482.01	1,328,100	--	--
Oct. 31	479.87	1,255,700	-72,400	-1,180
Nov. 30	480.94	1,291,600	+35,900	+603
Dec. 31	480.25	1,268,400	-23,200	-377
CAL YR 2000			+52,800	+73
Jan. 31	479.76	1,252,000	-16,400	-267
Feb. 28	483.83	1,391,800	+139,800	+2,520
Mar. 31	488.12	1,549,700	+157,900	+2,570
Apr. 30	489.61	1,607,100	+57,400	+965
May 31	489.49	1,602,400	-4,700	-76
June 30	489.51	1,603,200	+800	+13
July 31	489.01	1,583,800	-19,400	-315
Aug. 31	487.76	1,536,100	-47,700	-776
Sept. 30	486.03	1,471,400	-64,700	-1,090
WTR YR 2001			+143,300	+198

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02451950 LEWIS SMITH RESERVOIR NEAR JASPER, AL

LOCATION.--Lat 33°56'26", long 87°06'28", in W¹/₂, sec. 6, T. 13 S., R. 5 W., Walker County, Hydrologic Unit 03160110, at forebay of Lewis Smith Dam on Sipsey Fork of Mulberry Fork of Black Warrior River, 1.2 mi downstream from Ryan Creek, 2.5 mi upstream from Mill Creek, 2.5 mi upstream from State Highway 69, 14 mi northwest of Jasper, and at mile 13.5.

DRAINAGE AREA.--945 mi².

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

GAGE.--Water-stage recorder with remote indicating gages. Datum of gage is sea level (levels by Alabama Power Co.), adjustment unknown.

REMARKS.--Reservoir is formed by an earth and rock-fill dam 300 ft high and 2,200 ft long with fixed crest spillway 956 ft long. Storage began Oct. 3, 1960. Capacity at elevation 522 ft (crest of spillway) is 1,670,700 acre-ft. Storage of 394,000 acre-ft is provided between elevations of 488 ft and 510 ft for power generation. Approximately 281,000 acre-ft of storage for flood control is provided between elevations of 510 ft and 522 ft. Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by the Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 1,649,500 acre-ft, Mar. 19, 1973, elevation, 521.17 ft; minimum daily since reservoir was filled to elevation 510.00 ft operating pool (Jan. 6, 1962), 1,008,400 acre-ft, Dec. 2, 1971, elevation, 488.84 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 1,526,900 acre-ft, Apr. 6, elevation, 516.14 ft; minimum daily, 1,020,600 acre-ft, Nov. 2-5, elevation, 489.64 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	491.09	1,043,200	--	--
Oct. 31	489.85	1,023,900	-19,300	-314
Nov. 30	494.05	1,091,000	+67,100	+1,130
Dec. 31	496.68	1,135,200	+44,200	+719
CAL YR 2000			+59,900	+83
Jan. 31	505.47	1,297,200	+162,200	+2,630
Feb. 28	508.52	1,359,000	+61,800	+1,110
Mar. 31	509.65	1,382,600	+23,600	+384
Apr. 30	509.78	1,385,300	+2,700	+45
May 31	510.22	1,394,700	+9,400	+153
June 30	509.72	1,384,100	-10,600	-178
July 31	506.00	1,307,700	-76,400	-1,240
Aug. 31	502.50	1,240,000	-67,700	-1,100
Sept. 30	505.64	1,300,600	+60,600	+1,020
WTR YR 2001			+257,400	+356

PASCAGOULA RIVER BASIN

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS

LOCATION.--Lat 30°48'12", long 88°27'31", in SW¹/₄SW¹/₄ sec. 2, T. 3 S., R. 5 W., George County, Miss., Hydrologic Unit 03170008, near left bank on downstream side of bridge on County Road 612, 2.5 mi west of Alabama-Mississippi State line, 3.7 mi east of Agricola, Miss., 4.8 mi downstream of old gage at Escatawpa River near Wilmer, Ala, and 6.7 mi west of Wilmer.

DRAINAGE AREA.--562 mi².

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

REVISED RECORD.--WDR AL-84-1: Drainage area. WDR AL-98-1: 1983.

GAGE.--Water-stage recorder. Elevation of gage is 46.00 ft above sea level.

REMARKS.--Estimated daily discharges: Oct. 1-3, Dec. 1-5. Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached an elevation of approximately 72 ft above sea level, as determined from historical data. Peak discharge of this flood is unknown but probably has not been exceeded since 1929.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e75	66	e330	692	1380	1600	1160	197	235	230	334	225
2	e73	66	e300	601	1060	1530	979	197	217	217	233	237
3	e71	67	e280	536	866	2960	834	225	172	222	184	272
4	69	69	e270	483	749	8700	734	203	139	317	164	432
5	68	85	e265	437	635	13300	655	182	521	393	154	531
6	71	115	254	396	541	13400	592	171	435	386	161	439
7	89	181	247	364	463	10800	540	163	321	334	173	398
8	81	251	240	370	393	7620	497	156	298	362	281	465
9	77	440	236	398	358	4010	466	159	402	410	394	844
10	75	391	231	394	832	2370	437	160	419	336	426	1290
11	74	280	226	392	1320	1930	409	168	1740	246	842	1360
12	73	216	220	392	1160	2150	384	160	4100	479	2050	1400
13	71	179	215	385	875	3970	362	148	4900	618	1890	1200
14	70	210	423	374	699	4360	368	144	4700	484	1060	954
15	69	190	568	435	607	4920	399	137	3140	499	745	685
16	69	192	595	843	540	5730	549	130	1710	472	547	480
17	69	525	602	1520	463	5200	647	125	1260	372	618	341
18	69	690	602	1570	403	3420	546	121	972	265	520	268
19	69	1500	600	1470	363	2390	426	118	714	211	647	245
20	70	1240	555	1650	335	1980	356	116	657	183	703	281
21	70	860	505	1470	324	1720	314	115	543	178	534	252
22	70	605	572	1230	410	1490	289	112	470	200	395	235
23	70	446	586	1020	472	1310	269	109	422	209	318	221
24	68	635	550	880	424	1150	256	106	381	185	289	210
25	67	1490	486	763	381	1050	274	103	362	165	244	205
26	67	1150	434	636	418	1040	275	101	327	288	215	188
27	66	846	413	541	522	1020	262	100	286	513	195	172
28	66	609	715	468	927	1050	241	100	272	389	183	160
29	66	471	941	446	---	1410	224	102	237	342	176	152
30	65	393	904	1180	---	1470	209	104	217	245	175	145
31	66	---	820	1570	---	1350	---	156	---	212	185	---
TOTAL	2193	14458	14185	23906	17920	116400	13953	4388	30569	9962	15035	14287
MEAN	70.7	482	458	771	640	3755	465	142	1019	321	485	476
MAX	89	1500	941	1650	1380	13400	1160	225	4900	618	2050	1400
MIN	65	66	215	364	324	1020	209	100	139	165	154	145
CFSM	.13	.86	.81	1.37	1.14	6.68	.83	.25	1.81	.57	.86	.85
IN.	.15	.96	.94	1.58	1.19	7.70	.92	.29	2.02	.66	1.00	.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2001, BY WATER YEAR (WY)

	558	831	1155	1784	1976	2096	1668	1249	757	626	552	709
MEAN	558	831	1155	1784	1976	2096	1668	1249	757	626	552	709
MAX	3528	2587	2597	4452	4280	4383	5986	6818	2572	1668	2675	2386
(WY)	1999	1980	1983	1998	1990	1979	1983	1991	1978	1994	1975	1974
MIN	70.7	152	364	365	308	742	465	114	92.8	79.6	111	110
(WY)	2001	1982	1982	1981	2000	1982	2001	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1974 - 2001
ANNUAL TOTAL	109183	277256	
ANNUAL MEAN	298	760	1159
HIGHEST ANNUAL MEAN			1922
LOWEST ANNUAL MEAN			307
HIGHEST DAILY MEAN	2960	13400	26800
LOWEST DAILY MEAN	62	65	62
ANNUAL SEVEN-DAY MINIMUM	66	66	66
MAXIMUM PEAK FLOW		13800	27800
MAXIMUM PEAK STAGE		18.60	22.81
ANNUAL RUNOFF (CFSM)	.53	1.35	2.06
ANNUAL RUNOFF (INCHES)	7.23	18.35	28.02
10 PERCENT EXCEEDS	674	1480	2660
50 PERCENT EXCEEDS	180	391	599
90 PERCENT EXCEEDS	69	96	181

e Estimated

PASCAGOULA RIVER BASIN

02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, AL

LOCATION.--Lat 30°51'21", long 88°20'22", in SE¹/₄ sec. 24, T. 2 S., R. 2 W., Mobile County, Hydrologic Unit 03170008, on downstream side of bridge at County Road 63, about 2.9 mi northeast of Wilmer, and 3.2 mi north of U.S. Highway 98.

DRAINAGE AREA.--31.5 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 125.44 ft above sea level.

REMARKS.--Estimated daily discharges: Jan. 5-12, 17. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.2	8.0	23	28	44	36	39	14	15	14	14	20
2	8.1	8.1	23	26	35	33	30	15	13	12	13	22
3	7.8	8.1	23	24	32	201	27	15	12	15	13	23
4	7.8	8.2	21	24	29	405	26	14	12	18	12	57
5	7.8	11	21	e23	27	163	26	14	44	17	12	87
6	9.4	14	20	e23	26	75	24	14	27	18	12	31
7	11	23	20	e23	25	47	23	13	22	14	16	23
8	8.9	31	20	e25	25	38	22	13	23	13	40	20
9	8.4	51	20	e24	26	37	22	14	33	16	24	23
10	8.5	27	20	e23	76	38	21	15	26	13	32	102
11	8.7	19	20	e24	49	33	21	14	185	14	49	58
12	8.3	16	19	e23	36	109	20	13	271	21	77	35
13	8.2	17	19	22	31	201	19	16	101	25	48	25
14	8.1	22	51	22	29	130	24	14	35	17	32	20
15	8.1	19	40	35	28	110	27	13	23	13	26	17
16	8.1	27	32	74	27	84	25	13	18	12	20	17
17	8.1	66	31	e102	26	53	22	12	15	11	30	16
18	8.4	85	26	70	24	50	21	12	14	11	60	16
19	8.4	179	30	79	23	43	18	12	16	11	207	19
20	8.5	114	27	91	23	40	18	12	24	10	119	24
21	8.5	45	27	59	25	38	17	12	18	12	43	20
22	8.5	30	35	41	28	34	17	12	17	16	29	17
23	8.4	26	29	35	26	31	17	12	15	13	23	16
24	8.1	98	25	32	24	29	17	11	14	11	19	19
25	7.9	205	23	29	25	30	18	11	12	15	18	20
26	7.9	107	22	28	27	28	17	11	12	56	16	16
27	7.9	44	25	27	25	26	16	11	12	54	16	15
28	7.9	33	81	26	31	40	15	12	12	26	15	14
29	7.9	29	65	36	---	65	15	13	12	25	16	14
30	7.9	26	40	116	---	49	15	13	12	18	17	14
31	8.0	---	31	72	---	38	---	16	---	14	18	---
TOTAL	257.7	1396.4	909	1286	852	2334	639	406	1065	555	1086	820
MEAN	8.31	46.5	29.3	41.5	30.4	75.3	21.3	13.1	35.5	17.9	35.0	27.3
MAX	11	205	81	116	76	405	39	16	271	56	207	102
MIN	7.8	8.0	19	22	23	26	15	11	12	10	12	14
CFSM	.26	1.48	.93	1.32	.97	2.39	.68	.42	1.13	.57	1.11	.87
IN.	.30	1.65	1.07	1.52	1.01	2.76	.76	.48	1.26	.66	1.28	.97

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2001, BY WATER YEAR (WY)

	MEAN	38.7	55.1	60.4	91.9	79.2	85.4	62.8	72.3	52.2	54.7	39.8	43.3
	MAX	101	119	120	167	155	131	130	300	103	108	64.3	225
	(WY)	1999	1993	1996	1991	1992	1996	1996	1991	1997	1997	1995	1998
	MIN	8.31	17.2	29.3	28.3	21.1	30.1	21.0	11.0	11.4	9.29	10.6	11.1
	(WY)	2001	2000	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1990 - 2001

ANNUAL TOTAL	7251.0	11606.1	
ANNUAL MEAN	19.8	31.8	61.6
HIGHEST ANNUAL MEAN			94.1
LOWEST ANNUAL MEAN			19.2
HIGHEST DAILY MEAN	205	405	3130
LOWEST DAILY MEAN	6.7	7.8	
3-5	6.7		
ANNUAL SEVEN-DAY MINIMUM	7.2	7.9	7.2
MAXIMUM PEAK FLOW		592	6910
MAXIMUM PEAK STAGE		8.13	14.21
ANNUAL RUNOFF (CFSM)	.63	1.01	1.96
ANNUAL RUNOFF (INCHES)	8.57	13.71	26.58
10 PERCENT EXCEEDS	31	59	124
50 PERCENT EXCEEDS	16	22	36
90 PERCENT EXCEEDS	8.0	11	16

e Estimated

PASCAGOULA RIVER BASIN

02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, AL--Continued

WATER-QUALITY RECORDS

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

SPECIFIC CONDUCTANCE: August 1990 to September 1992.

WATER TEMPERATURE: August 1990 to December 1992.

INSTRUMENTATION.--Water-quality minimonitor August 1990 to December 1992.

REMARKS.--Miscellaneous samples of chemical data published for current year.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 220 microSiemens, March 28, 1991; minimum, 15 microSiemens, May 11, 1991, Mar. 11, 1992.

WATER TEMPERATURE: Maximum, 27.4°C, August 26, 1990; minimum, 5.4°C, January 20, 1992.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

		WATER QUALITY DATA												
DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	
OCT	16...1520	15.7	--	--	8.1	1.2	1.5	10	.50	26	27	9.6	96	
APR	03...0750	16.0	19.0	766	27	1.5	3.8	20	.90	29	31	8.9	89	
JUN	04...1340	24.0	31.0	765	12	2.4	3.5	50	1.2	28	27	7.2	86	
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	
OCT	16... .5	6.5	3	2	250	120	.83	--	.22	--	.020	.02		
APR	03... --	5.4	.0	.0	120	130	.52	.46	.27	.21	.011	.01		
JUN	04... .9	6.4	3	2	E170	120	.70	.61	.32	.25	.023	.02		
DATE	TIME	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L ASC) (00680)
OCT	16...<.010	<.01	<.20	.24	.6	.580	.03	.03	3.7	.006	.003	<.001	1.7	
APR	03...<.010	<.01	.22	.28	.2	.240	.01	.01	2.3	.005	<.002	<.001	3.6	
JUN	04...<.010	<.01	.27	.34	.4	.340	.03	.03	3.1	.010	.003	c<.001	6.1	
DATE	TIME	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	
OCT	16...<.001	6	4	.90	1.00	1.9	.3	38	.40	4.4	.5	<.1	6.4	
APR	03...<.001	6	--	.90	.800	1.7	.3	38	.40	4.0	3.2	<.1	4.2	
JUN	04...c<.001	6	4	.98	.900	1.9	.3	38	.40	4.4	.9	<.1	5.9	

PASCAGOULA RIVER BASIN

02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 16...	7	350	200	10	6.6	2	22	20	.48	.03
APR 03...	6	320	170	58	57.0	3	24	-	-	-
JUN 04...	8	740	340	28	15.0	7	30	19	.97	.04
DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
APR 03...	<1.0	<1	36.0	36.0	<1.00	<1.00	<.50	<.50	<1.0	<1
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
APR 03...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	4	4
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)		
APR 03...	<1.00	<1.0	100	160	<1.0	<1.0	<.10	<.10		

PASCAGOULA RIVER BASIN

02479980 CROOKED CREEK NEAR FAIRVIEW, AL

LOCATION.--Lat 30°46'48", long 88°19'08", in SW¹/₄ sec. 18, T. 3 S., R. 3 W., Mobile County, Hydrologic Unit 03170008, on right bank 1 mi southwest of Fairview, and 4 mi southeast of Wilmer.

DRAINAGE AREA.--8.08 mi².

WATER-DISCHARGE RECORDS

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

REVISED RECORD.--WDR AL-95-1: 1991. WDR AL-97-1: 1991-96, 1991-96 (M).

GAGE.--Water-stage recorder. Altitude of gage is 115 ft, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.9	5.4	8.0	10	11	8.3	10	7.2	9.8	7.9	6.9	12
2	5.6	5.3	8.1	9.7	10	8.3	9.5	7.3	7.9	10	6.3	9.5
3	5.2	5.3	7.9	9.5	9.7	110	9.6	7.7	6.5	8.6	6.0	12
4	5.1	5.4	7.7	9.5	9.3	99	9.8	7.4	5.9	10	5.9	24
5	5.2	7.2	7.6	9.5	9.1	17	9.4	30	11	9.2	5.9	44
6	6.0	9.5	7.5	9.5	9.0	13	8.9	9.1	7.2	8.0	6.3	11
7	7.7	33	7.4	9.4	9.0	13	9.4	8.0	6.7	6.7	6.7	9.4
8	5.9	16	7.4	10	8.9	12	9.1	7.7	7.0	6.2	8.3	8.5
9	5.3	29	7.6	9.3	9.7	13	9.0	8.1	8.8	5.7	7.5	9.0
10	5.3	14	7.4	9.0	16	12	8.5	8.0	11	6.9	6.6	9.7
11	5.7	8.3	7.3	9.5	11	11	9.1	7.6	106	6.6	98	8.5
12	5.7	7.3	7.1	9.3	9.6	64	8.9	7.3	23	12	67	8.0
13	5.7	12	8.5	8.9	9.4	54	8.7	7.1	15	21	14	7.7
14	5.7	16	28	8.9	9.4	16	8.7	6.7	10	13	15	7.3
15	5.6	8.4	12	14	9.1	40	8.7	6.6	8.7	7.7	11	7.3
16	5.5	17	12	20	9.2	16	9.7	6.6	7.8	6.1	9.3	7.3
17	5.6	24	13	15	8.9	12	8.5	6.6	7.6	5.8	9.1	7.2
18	5.7	78	9.2	12	8.4	13	7.6	6.5	7.1	6.1	11	7.4
19	5.9	133	11	16	8.4	11	7.7	6.5	7.3	5.3	16	9.3
20	5.7	19	9.1	15	8.6	11	7.8	6.4	8.9	5.1	16	9.1
21	5.6	11	10	11	10	11	8.1	6.4	8.1	6.5	9.2	7.6
22	6.0	9.5	12	10	9.6	10	7.9	6.4	7.8	6.9	8.0	6.9
23	5.7	8.9	9.1	9.8	8.7	10	7.8	6.4	7.6	5.6	7.4	6.8
24	5.5	58	8.8	9.5	8.5	10	7.5	6.3	7.1	5.1	7.5	7.5
25	5.6	57	8.2	9.3	9.0	12	7.7	6.3	6.6	9.8	7.4	7.3
26	5.2	12	7.8	9.1	8.8	9.8	7.4	6.2	6.5	47	7.3	6.6
27	5.3	9.9	10	9.2	8.4	9.5	7.4	5.6	6.7	21	8.5	6.3
28	5.7	8.8	28	9.2	8.4	17	7.3	8.8	6.8	8.7	11	6.2
29	5.7	8.4	16	16	---	17	7.1	7.9	6.6	7.4	11	6.1
30	5.5	8.2	11	33	---	12	7.0	6.6	7.0	6.5	10	6.3
31	5.4	---	10	13	---	11	---	11	---	6.4	9.9	---
TOTAL	175.2	644.8	324.7	363.1	265.1	682.9	253.8	246.3	354.0	298.8	430.0	295.8
MEAN	5.65	21.5	10.5	11.7	9.47	22.0	8.46	7.95	11.8	9.64	13.9	9.86
MAX	7.7	133	28	33	16	110	10	30	106	47	98	44
MIN	5.1	5.3	7.1	8.9	8.4	8.3	7.0	5.6	5.9	5.1	5.9	6.1
CFSM	.70	2.66	1.30	1.45	1.17	2.73	1.05	.98	1.46	1.19	1.72	1.22
IN.	.81	2.97	1.49	1.67	1.22	3.14	1.17	1.13	1.63	1.38	1.98	1.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2001, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	13.7	15.8	16.5	25.2	17.8	22.9	16.5	19.2	16.7	18.8	14.1	15.7
MAX	30.1	29.6	37.3	58.0	29.1	38.9	26.9	43.8	34.1	63.0	23.5	65.8
(WY)	1999	1998	1996	1998	1992	1998	1996	1991	1997	1997	1995	1998
MIN	5.65	8.75	10.5	10.1	8.23	13.6	8.33	7.56	10.1	7.17	8.96	7.91
(WY)	2001	1995	2001	2000	2000	1994	2000	2000	2000	2000	1992	1994

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1990 - 2001
ANNUAL TOTAL	3736.2	4334.5	
ANNUAL MEAN	10.2	11.9	17.9
HIGHEST ANNUAL MEAN			28.9
LOWEST ANNUAL MEAN			10.3
HIGHEST DAILY MEAN	133	133	826
LOWEST DAILY MEAN	4.5	5.1	4.5
ANNUAL SEVEN-DAY MINIMUM	4.9	5.4	4.9
MAXIMUM PEAK FLOW		* 283	* 1930
MAXIMUM PEAK STAGE		4.59	8.59
ANNUAL RUNOFF (CFSM)	1.26	1.47	2.21
ANNUAL RUNOFF (INCHES)	17.20	19.96	30.05
10 PERCENT EXCEEDS	15	16	26
50 PERCENT EXCEEDS	7.7	8.7	12
90 PERCENT EXCEEDS	5.4	5.9	7.7

* From rating curve extension above 100 ft³/s on basis of step-backwater rating analysis.

PASCAGOULA RIVER BASIN

02479980 CROOKED CREEK NEAR FAIRVIEW, AL--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1990 to September 1992.

WATER TEMPERATURE: August 1990 to September 1992

INSTRUMENTATION.--Water-quality minimonitor August 1990 to September 1992.

REMARKS.--Miscellaneous samples of chemical data published for current year.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 243 microSiemens, Mar. 11, 1991; minimum, 18 microSiemens, Dec. 12-14, 1990.

WATER TEMPERATURE: Maximum, 24.8°C, July 11, 1992; minimum, 6.3°C, Jan. 20, 1992.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
OCT 18...	1120	18.0	--	--	5.7	1.8	1.7	20	.40	41	41	8.4	89
APR 03...	1015	17.0	24.0	766	9.6	4.1	4.4	20	.50	37	40	8.4	88
JUN 05...	0850	23.0	28.0	--	14	14	29	40	1.3	60	55	6.7	78
DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	
OCT 18...	.4	7.4	11	9	440	370	.61	--	--	--	<.010	<.01	
APR 03...	--	7.1	9	7	140	200	.53	--	--	--	<.010	<.01	
JUN 05...	1.8	6.8	13	10	1600	E2500	1.1	.75	.56	.28	.110	.11	
DATE	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	
OCT 18...	<.010	<.01	<.20	.30	.3	.300	--	--	2.7	.006	<.002	<.001	
APR 03...	<.010	<.01	<.20	.24	.3	.310	--	--	2.3	.010	.004	<.001	
JUN 05...	<.010	<.01	.39	.67	.4	.360	.14	.14	4.6	.040	.008	c<.001	
DATE	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	
OCT 18...	2.1	<.001	11	2	2.80	.900	3.0	.4	36	.90	4.6	1.2	<.1
APR 03...	2.3	.002	10	2	2.60	.800	2.8	.4	37	.60	4.3	1.7	<.1
JUN 05...	4.0	Ec.009	16	5	4.50	1.10	2.8	.3	26	1.50	4.7	4.5	<.1

PASCAGOULA RIVER BASIN

02479980 CROOKED CREEK NEAR FAIRVIEW, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 18...	6.2	13	510	200	16	11.0	2	27	27	.42	.04
APR 03...	4.5	10	710	280	36	19.0	6	27	23	.70	.04
JUN 05...	6.2	18	1400	320	97	47.0	14	42	34	1.59	.06
DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	
APR 03...	<1.0	<1	22.0	24.0	<1.00	<1.00	<.50	<.50	<1.0	<1	
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	
APR 03...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	<2	<2	
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)			
APR 03...	<1.00	<1.0	25	140	<1.0	<1.0	<.10	<.10			

PASCAGOULA RIVER BASIN

02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL

LOCATION.--Lat 30°43'33", long 88°16'35", in SE¹/₄ sec. 4, T. 4 S., R. 3 W., Mobile County, Hydrologic Unit 03170008, on downstream side of bridge on Snow Road, 1.0 mi north of Tanner Williams Road, and 4 mi south of Semmes.

DRAINAGE AREA.--8.22 mi².

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WDR AL-95-1: 1991, 1993, 1994.

GAGE.--Water-stage recorder. Altitude of gage is 115 ft, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	8.2	9.9	12	13	11	12	9.6	9.3	12	9.9	21
2	9.9	8.3	10	11	13	11	12	9.9	7.9	11	9.3	17
3	9.6	8.3	9.9	12	13	81	12	9.9	7.9	14	9.3	24
4	9.2	8.3	9.9	12	12	66	12	9.6	7.8	13	8.9	27
5	9.2	10	9.9	12	12	20	11	9.0	7.9	10	9.0	29
6	11	12	9.9	11	12	17	11	8.7	7.7	9.6	9.0	17
7	12	30	9.9	11	12	16	11	8.7	7.5	9.1	8.9	15
8	9.3	18	10	12	12	15	11	8.5	8.0	9.9	9.2	14
9	9.5	22	10	11	12	16	11	9.9	9.7	10	9.2	14
10	9.8	14	9.9	11	18	15	11	9.8	8.3	9.2	9.1	14
11	9.7	11	9.9	12	13	14	11	9.5	39	9.5	78	13
12	9.6	11	9.7	12	12	50	11	9.4	17	13	41	13
13	9.2	17	10	11	12	36	11	9.4	13	19	23	12
14	8.9	18	26	11	12	20	11	9.1	12	11	18	12
15	8.9	12	14	16	12	34	11	9.1	11	9.6	14	12
16	9.1	21	12	19	12	19	12	9.0	10	9.2	14	12
17	9.3	25	13	16	12	16	11	8.8	9.8	8.9	14	12
18	9.2	50	11	14	11	17	10	8.9	9.6	8.7	13	12
19	9.1	57	13	16	11	15	10	9.0	9.9	8.5	18	13
20	9.0	17	12	16	11	15	10	8.9	10	8.0	17	13
21	9.0	12	12	13	12	14	10	8.0	9.9	11	14	12
22	8.6	11	13	13	12	13	10	8.7	10	10	13	12
23	8.5	10	12	12	11	13	10	8.8	9.7	8.5	13	12
24	8.1	37	11	12	11	13	10	8.7	9.4	7.9	12	13
25	8.1	29	11	12	11	13	10	8.7	9.2	14	12	12
26	8.1	13	11	12	11	12	9.7	8.6	9.2	32	12	11
27	8.2	12	14	12	11	12	9.6	8.6	9.2	19	13	11
28	8.2	11	23	12	11	15	9.6	8.7	9.5	13	23	11
29	8.2	10	15	14	---	16	9.5	8.7	9.2	11	22	11
30	8.3	10	13	24	---	13	9.5	8.6	9.8	10	17	11
31	8.3	---	12	15	---	12	---	9.0	---	9.7	15	---
TOTAL	283.1	533.1	376.9	409	337	650	319.9	279.8	318.4	359.3	507.8	432
MEAN	9.13	17.8	12.2	13.2	12.0	21.0	10.7	9.03	10.6	11.6	16.4	14.4
MAX	12	57	26	24	18	81	12	9.9	39	32	78	29
MIN	8.1	8.2	9.7	11	11	11	9.5	8.0	7.5	7.9	8.9	11
CFSM	1.11	2.16	1.48	1.61	1.46	2.55	1.30	1.10	1.29	1.41	1.99	1.75
IN.	1.28	2.41	1.71	1.85	1.53	2.94	1.45	1.27	1.44	1.63	2.30	1.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2001, BY WATER YEAR (WY)

MEAN	18.7	20.1	21.6	28.4	21.3	27.0	22.2	23.4	21.8	22.9	18.1	24.1
MAX	36.8	36.8	50.5	60.2	33.5	42.5	39.5	51.2	37.4	67.8	25.9	118
(WY)	1999	1998	1996	1998	1992	1998	1996	1995	1997	1997	1995	1998
MIN	9.13	13.6	12.2	13.2	12.0	17.9	10.7	9.03	10.6	10.4	13.6	12.4
(WY)	2001	1991	2001	2001	2001	2000	2001	2001	2001	2000	2000	1995

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1990 - 2001

ANNUAL TOTAL	4885.0	4806.3	22.6
ANNUAL MEAN	13.3	13.2	37.9
HIGHEST ANNUAL MEAN			1998
LOWEST ANNUAL MEAN			2001
HIGHEST DAILY MEAN	96	81	3
LOWEST DAILY MEAN	8.0	7.5	7
ANNUAL SEVEN-DAY MINIMUM	8.2	7.8	2
MAXIMUM PEAK FLOW		213	11
MAXIMUM PEAK STAGE		4.39	11
ANNUAL RUNOFF (CFSM)	1.62	1.60	8.70
ANNUAL RUNOFF (INCHES)	22.11	21.75	2.75
10 PERCENT EXCEEDS	17	18	37.42
50 PERCENT EXCEEDS	12	11	30
90 PERCENT EXCEEDS	9.3	8.7	17
			12

PASCAGOULA RIVER BASIN

02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1990 to September 1992.

WATER TEMPERATURE: August 1990 to November 1992.

INSTRUMENTATION.--Water-quality minimonitor August 1990 to November 1992.

REMARKS.--Miscellaneous samples of chemical data published for current year.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 81 microSiemens, Nov. 18, 1991; minimum recorded, 7 microSiemens, May 26, 1991.

WATER TEMPERATURE: Maximum recorded, 25.0°C, Aug. 27, 1992; minimum, 7.7°C, Jan. 19, 1992.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG)	DIS- CHARGE, INST. CUBIC FEET PER SECOND	TUR- BID- ITY (NTU)	TUR- BID- ITY FIELD UNFLTRD (NTU)	COLOR (PLAT- INUM- COBALT UNITS)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	
				(00025)	(00061)	(00076)	(61028)	(00080)						
OCT 19...	0825	17.8	16.5	--	9.1	1.7	1.9	20	.60	38	38	7.6	80	
APR 03...	1545	19.8	E26.0	E776	12	2.1	4.3	30	.70	39	40	8.1	89	
JUN 06...	1345	24.0	29.0	767	7.7	2.6	2.5	50	.90	47	46	6.8	81	
DATE		OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L ASN) (00610)	
OCT 19...	.4	7.2	7	6	130	150	--	.77	--	--	--	<.010	<.01	
APR 03...	--	6.9	8	6	140	97	.75	.73	.19	.18	.026	.03		
JUN 06...	.2	6.9	9	11	67	130	.82	.71	.29	.18	.024	.02		
DATE		NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)		
OCT 19...	<.010	<.01	.24	<.20	.5	.530	--	--	--	--	.003	<.002		
APR 03...	<.010	<.01	.21	.22	.5	.520	.04	.03	3.3	.008	.003			
JUN 06...	<.010	<.01	.20	.31	.5	.510	.03	.03	3.6	.010	.004			
DATE		PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
OCT 19...	<.001	1.9	<.001	7	2	1.60	.800	3.8	.6	51	.50	5.1	.8	
APR 03...	<.001	2.5	<.001	8	2	2.00	.800	3.8	.6	48	.40	5.3	1.4	
JUN 06...	Ec.002	2.7	Ec.004	8	0	2.00	.800	4.9	.7	54	.50	6.2	.8	

PASCAGOULA RIVER BASIN

02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	FLUORIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 19...	<.1	6.9	11	580	170	21	18.0	2	26	25	.64	.04
APR 03...	<.1	5.5	10	670	240	25	22.0	4	28	26	.91	.04
JUN 06...	<.1	6.2	13	1300	440	27	21.0	4	30	29	.62	.04

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
APR 03...	<1.0	<1	25.0	25.0	<1.00	<1.00	<.50	<.50	<1.0	<1

DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
APR 03...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	3	3

DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)
APR 03...	<1.00	<1.0	28	100	<1.0	<1.0	<.10	<.10

TENNESSEE RIVER BASIN

03573182 SCARHAM CREEK NEAR MCVILLE, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 34°17'54", long 86°07'00", in NE¹/₄ sec. 33, T. 8 S., R. 5 E., Marshall County, Hydrologic Unit 06030001, on right downstream bank, 40 ft downstream of Colvin Bridge on County Road 372 (also known as McVilleville Road), 1.4 mi northeast of McVilleville, and 2.4 mi southeast of Painter.
DRAINAGE AREA.--50.0 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 890 ft above sea level, from topographic map.

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.23	.03	41	36	125	138	115	21	32	11	13	12
2	.21	.04	38	35	110	130	99	19	44	9.7	9.1	33
3	.23	.04	35	37	98	183	117	18	29	14	6.8	135
4	.22	.03	32	37	91	283	232	15	23	32	5.9	114
5	.21	.04	31	33	84	217	365	14	24	64	5.2	71
6	.19	.04	30	33	77	168	207	12	22	76	9.1	51
7	.16	.09	29	32	71	143	166	11	55	41	3.9	39
8	.15	.37	27	74	68	127	145	14	79	26	3.6	33
9	.12	296	26	66	67	115	128	20	50	18	3.7	27
10	.09	126	24	52	159	103	114	18	34	41	65	22
11	.08	52	24	50	110	94	99	17	26	40	67	19
12	.08	35	24	63	112	802	86	18	22	28	71	16
13	.07	28	23	60	206	664	102	16	17	24	69	14
14	.05	24	41	55	204	284	99	12	14	15	75	11
15	.04	20	41	53	166	839	164	10	13	11	42	9.1
16	.03	26	61	49	222	388	137	8.6	12	8.6	29	7.8
17	.02	80	155	48	491	256	97	7.4	11	7.2	21	6.9
18	.02	60	96	143	238	205	81	6.4	8.2	6.1	17	6.0
19	.01	49	85	840	186	197	73	5.7	6.5	5.0	21	5.8
20	.01	47	72	516	157	1670	66	8.7	5.3	9.4	19	6.6
21	.01	39	67	256	139	797	58	15	4.5	90	14	6.0
22	.01	34	62	194	259	380	52	10	5.4	26	11	4.8
23	.01	32	55	161	193	275	46	8.2	12	15	8.6	4.2
24	.01	43	54	139	151	224	42	7.8	8.5	10	7.1	7.2
25	.00	125	51	119	332	186	40	9.3	6.0	8.3	6.1	9.0
26	.03	91	47	107	222	159	35	10	4.7	7.6	5.3	6.5
27	.03	69	48	99	172	140	32	8.4	4.0	6.4	4.6	5.0
28	.03	58	52	88	162	126	29	70	18	5.1	4.0	4.0
29	.02	51	47	92	---	137	25	132	18	5.1	4.1	3.4
30	.03	46	41	279	---	159	23	50	10	25	4.1	3.0
31	.03	---	37	161	---	133	---	32	---	25	5.7	---
TOTAL	2.43	1431.68	1496	4007	4672	9722	3074	624.5	618.1	710.5	630.9	692.3
MEAN	.078	47.7	48.3	129	167	314	102	20.1	20.6	22.9	20.4	23.1
MAX	.23	296	155	840	491	1670	365	132	79	90	75	135
MIN	.00	.03	23	32	67	94	23	5.7	4.0	5.0	3.6	3.0
CFSM	.00	.95	.97	2.59	3.34	6.27	2.05	.40	.41	.46	.41	.46
IN.	.00	1.07	1.11	2.98	3.48	7.23	2.29	.46	.46	.53	.47	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

MEAN	.13	17.9	35.5	143	169	197	132	35.8	48.4	75.0	8.27	7.80
MAX	.31	47.7	53.8	227	283	314	231	71.9	110	199	20.4	23.1
(WY)	2000	2001	1999	1999	1999	2001	2000	1999	1999	1999	2001	2001
MIN	.000	2.11	4.63	73.9	60.3	129	63.8	15.4	14.2	3.01	.24	.16
(WY)	1999	1999	2000	2000	2000	1999	1999	2000	2000	2000	2000	1999

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1999 - 2001

ANNUAL TOTAL	19475.08	27681.41	72.0
ANNUAL MEAN	53.2	75.8	94.4
HIGHEST ANNUAL MEAN			45.9
LOWEST ANNUAL MEAN			1999
HIGHEST DAILY MEAN	1770	1670	2060
LOWEST DAILY MEAN	.00	.00	Jul 12 1999
ANNUAL SEVEN-DAY MINIMUM	.00	.01	Many days
MAXIMUM PEAK FLOW		2410	4260
MAXIMUM PEAK STAGE		10.16	12.48
ANNUAL RUNOFF (CFSM)	1.06	1.52	1.44
ANNUAL RUNOFF (INCHES)	14.49	20.59	19.57
10 PERCENT EXCEEDS	117	176	164
50 PERCENT EXCEEDS	23	32	21
90 PERCENT EXCEEDS	.02	.23	.03

TENNESSEE RIVER BASIN

03573182 SCARHAM CREEK NEAR MCVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DISIT FIELD MG/L AS HCO3 (00453)
OCT 16...	1630	15.8	23.0	753	3.26	.02	55	76	6.4	65.3	7.3	7.1	28
NOV 08...	0830	17.8	20.5	751	3.49	.35	88	88	3.6	38.4	7.0	6.4	40
DEC 12...	1530	7.4	7.0	749	4.11	24	97	99	11.9	101	7.3	7.3	10
JAN 10...	1430	4.7	11.0	745	4.44	51	98	97	12.7	101	7.3	7.0	8
FEB 13...	1115	8.1	11.0	750	5.46	192	98	99	10.5	90.3	7.5	6.8	9
MAR 13...	1100	12.0	18.0	738	--	573	69	--	10.3	95	7.3	--	7
APR 09...	1230	16.3	25.0	740	5.09	128	76	80	9.7	102	7.7	7.1	8
MAY 15...	1400	20.5	29.0	740	3.80	9.8	79	80	8.3	95.0	7.3	7.3	16
JUN 06...	0800	19.7	22.0	742	4.10	22	79	78	7.3	82.0	7.4	6.8	17
JUL 10...	1215	23.5	29.0	736	4.30	33	83	85	7.8	95.2	7.4	7.5	18
AUG 15...	1200	22.4	28.0	738	4.37	41	80	80	7.9	94.5	7.2	7.3	15
SEP 11...	1200	21.6	26.0	745	4.06	19	92	91	7.7	88.9	7.7	6.8	20

DATE	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
OCT 16...	23	.6	130	--	--	--	--	<.041	<.006	--	.28	.36	E.024
NOV 08...	33	1.4	160	--	--	--	--	<.041	<.006	--	.39	.49	<.047
DEC 12...	8	1.1	50	3.01	2.97	--	--	<.041	E.003	--	.20	.24	2.77
JAN 10...	6	--	E9	3.47	3.39	--	--	<.041	<.006	--	.20	.28	3.19
FEB 13...	7	4.2	780	3.89	3.82	--	--	E.031	E.005	--	.31	.39	3.50
MAR 13...	6	35	2700	2.98	2.69	.704	.422	.070	.008	2.19	.49	.77	2.20
APR 09...	6	2.9	96	2.38	2.29	--	--	<.041	E.003	--	.18	.28	2.11
MAY 15...	13	2.4	E31	1.15	1.16	--	--	E.038	.010	.775	.37	.36	.785
JUN 06...	14	2.6	120	1.15	1.13	--	--	<.040	E.003	--	.33	.35	.802
JUL 10...	14	5.3	700	1.34	1.27	--	--	E.030	E.005	--	.38	.45	.889
AUG 15...	12	5.1	67	1.32	1.31	--	--	E.023	E.004	--	.38	.39	.934
SEP 11...	16	1.8	24	1.57	1.49	--	--	<.040	E.003	--	.25	.33	1.24

TENNESSEE RIVER BASIN

03573182 SCARHAM CREEK NEAR MCVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH ₄) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO ₃) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO ₂) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO ₄) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	HARD- NESS TOTAL (MG/L AS CaCO ₃) (00900)	HARD- NESS NONCARB FLD. AS CaCO ₃ (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS Ca) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS Mg) (00925)
OCT 16...	--	--	--	--	.022	.016	E.010	4.6	<.2	19.1	--	4.62	1.84
NOV 08...	--	--	--	--	.042	.026	E.010	8.2	.7	26.4	--	6.56	2.44
DEC 12...	--	--	--	--	.007	E.003	<.018	--	--	26.9	19	7.41	2.03
JAN 10...	--	--	--	--	.015	.007	<.018	--	--	26.5	20	7.36	1.98
FEB 13...	--	--	--	--	.039	.024	E.012	--	--	27.4	20	7.64	2.03
MAR 13...	.090	9.72	.026	.095	.145	.046	.031	--	--	--	--	--	--
APR 09...	--	--	--	--	.021	.011	E.009	--	--	22.3	16	6.21	1.64
MAY 15...	--	3.43	.033	--	.031	.019	<.018	--	--	22.1	9	5.90	1.79
JUN 06...	--	--	--	--	.037	.031	E.009	--	--	23.4	9	6.34	1.83
JUL 10...	--	--	--	.187	.092	.073	.061	--	--	25.9	11	7.41	1.79
AUG 15...	--	--	--	.058	.053	.031	.019	--	--	22.9	11	6.31	1.75
SEP 11...	--	--	--	--	.025	.017	<.020	--	--	27.4	11	7.58	2.05

DATE	SODIUM, DIS- SOLVED (MG/L AS Na) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO ₄) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO ₂) (00955)	IRON, DIS- SOLVED (UG/L AS Fe) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS Mn) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
OCT 16...	3.7	.365	23.6	5.26	4.5	2.8	<.2	.7	40	19.9	44	37.5	.00
NOV 08...	3.5	.297	18.3	6.06	4.5	2.0	E.1	1.3	290	686	55	47.0	.05
DEC 12...	3.4	.284	18.9	3.69	7.7	8.8	<.2	1.4	20	10.4	58	51.5	3.8
JAN 10...	3.6	.307	20.4	3.40	8.0	8.6	<.2	2.3	20	9.0	58	53.2	8.0
FEB 13...	3.2	.267	17.7	3.97	7.0	8.5	<.2	2.8	40	20.7	59	55.2	31
APR 09...	2.6	.239	17.8	2.95	5.0	8.6	<.2	3.1	60	18.2	63	43.4	22
MAY 15...	3.0	.278	19.7	3.55	6.0	7.0	<.2	2.7	90	20.6	51	41.5	1.3
JUN 06...	2.9	.261	18.6	3.37	5.8	6.4	<.2	3.7	230	24.7	55	42.8	3.3
JUL 10...	3.0	.259	17.5	3.97	6.0	7.1	<.2	3.5	120	26.3	60	45.7	5.3
AUG 15...	3.0	.272	18.9	4.02	6.0	6.3	<.2	4.2	240	26.2	64	43.4	7.1
SEP 11...	3.6	.299	19.6	3.69	7.6	6.7	<.2	4.0	90	30.8	54	50.4	2.8

TENNESSEE RIVER BASIN

03573182 SCARHAM CREEK NEAR MCVILLE, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
16...	1630	.02	54	.00	2
NOV					
08...	0830	.35	69	.07	5
DEC					
12...	1530	24	2	.13	89
JAN					
10...	1430	51	2	.28	81
FEB					
13...	1115	192	6	3.1	90
MAR					
13...	1100	573	87	135	84
APR					
09...	1230	128	6	2.1	85
MAY					
15...	1400	9.8	4	.11	91
JUN					
06...	0800	22	1	.06	75
JUL					
10...	1215	33	3	.27	90
AUG					
15...	1200	41	6	.66	86
SEP					
11...	1200	19	4	.21	87

TENNESSEE RIVER BASIN

03574500 PAINT ROCK RIVER NEAR WOODVILLE, AL

LOCATION.--Lat 34°37'27", long 86°18'23", in NW¹/₄ sec. 10, T. 5 S., R. 3 E., Jackson County, Hydrologic Unit 06030002, on downstream side of bridge on U.S. Highway 72, 1,000 ft downstream from Southern Railway bridge, 2 mi west of Woodville, 4.1 mi upstream from Little Paint Creek, and at mile 26.6.

DRAINAGE AREA.--320 mi².

PERIOD OF RECORD.--January 1936 to current year.

GAGE.--Water-stage recorder. Datum of gage is 570.95 ft above sea level. Dec. 23, 1935, to Jan. 16, 1938, nonrecording gage at same site.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	15	169	200	852	774	446	167	676	592	455	190
2	25	11	152	185	650	672	417	155	1040	486	304	511
3	21	8.9	135	170	544	607	439	151	606	517	220	1820
4	19	8.4	121	161	475	597	863	140	431	1050	188	1290
5	17	7.9	110	158	426	736	1130	123	689	1140	175	721
6	14	7.4	102	157	384	773	899	116	555	1960	149	517
7	13	12	96	154	349	641	727	108	1190	1000	128	390
8	14	141	91	157	321	575	635	106	3000	588	113	309
9	12	2390	86	157	307	532	573	109	5790	446	102	247
10	11	3910	81	146	834	486	530	111	3910	404	1510	204
11	13	2100	78	138	879	448	488	107	1370	402	3620	176
12	11	402	76	176	633	703	479	104	616	357	3630	157
13	10	256	74	295	667	2170	1580	121	479	278	2860	134
14	10	195	168	295	1030	1460	3850	121	382	219	3270	119
15	11	155	534	273	1480	1940	3580	97	344	180	1400	107
16	11	148	1440	254	2740	3130	1650	86	553	153	640	94
17	10	365	3960	237	5150	1900	932	77	535	133	478	86
18	9.8	488	5910	891	6360	1040	725	70	357	116	381	79
19	9.8	315	2770	5640	3440	857	610	67	276	113	322	81
20	8.7	232	934	11800	1590	3350	531	74	220	118	284	86
21	9.4	181	539	7240	877	7640	461	73	183	179	249	106
22	8.6	151	441	3010	820	5980	401	75	164	205	205	132
23	8.3	134	368	1350	919	2750	354	77	154	145	172	96
24	8.2	127	326	758	733	1360	322	91	142	117	149	140
25	8.6	335	296	609	1170	905	296	118	126	99	133	107
26	8.9	636	265	511	2100	748	266	102	113	93	120	169
27	9.4	407	247	453	1210	644	240	96	173	228	107	128
28	8.7	305	246	399	929	573	220	702	409	173	102	96
29	7.9	242	256	378	---	533	200	2080	464	149	104	78
30	8.8	199	245	1590	---	507	181	829	432	1030	93	68
31	12	---	221	1650	---	474	---	464	---	981	108	---
TOTAL	379.1	13884.6	20537	39592	37869	45505	24025	6917	25379	13651	21771	8438
MEAN	12.2	463	662	1277	1352	1468	801	223	846	440	702	281
MAX	30	3910	5910	11800	6360	7640	3850	2080	5790	1960	3630	1820
MIN	7.9	7.4	74	138	307	448	181	67	113	93	93	68
CFSM	.04	1.45	2.07	3.99	4.23	4.59	2.50	.70	2.64	1.38	2.19	.88
IN.	.04	1.61	2.39	4.60	4.40	5.29	2.79	.80	2.95	1.59	2.53	.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 2001, BY WATER YEAR (WY)

	MEAN	182	443	953	1350	1490	1519	1041	559	256	210	113	140
MAX	2597	3056	3840	3519	3941	4185	3018	2113	1263	1465	746	1136	
(WY)	1976	1958	1991	1949	1939	1980	1964	1983	1997	1967	1985	1979	
MIN	2.92	10.0	34.7	160	246	300	218	69.4	24.2	14.2	10.4	4.40	
(WY)	1955	1945	1966	1940	1941	1988	1986	1941	1988	1952	1944	1954	

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1936 - 2001

ANNUAL TOTAL	171143.7	257947.7	683
ANNUAL MEAN	468	707	1106
HIGHEST ANNUAL MEAN			278
LOWEST ANNUAL MEAN			1949
HIGHEST DAILY MEAN	15400	11800	50100
LOWEST DAILY MEAN	7.4	7.4	1.4
ANNUAL SEVEN-DAY MINIMUM	8.6	8.6	1.6
MAXIMUM PEAK FLOW		12900	74200
MAXIMUM PEAK STAGE		18.84	24.40
ANNUAL RUNOFF (CFSM)	1.46	2.21	2.14
ANNUAL RUNOFF (INCHES)	19.90	29.99	29.02
10 PERCENT EXCEEDS	809	1650	1660
50 PERCENT EXCEEDS	140	276	215
90 PERCENT EXCEEDS	13	23	20

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL
(National Water-Quality Assessment Station)

LOCATION.—Lat 34°57'89", long 86°27'49", in NW¹/₄ sec. 18, T. 1 S., R. 2 E., Madison County, Hydrologic Unit 06030002, on right bank on Buddy Williamson Road, 2.7 mi east of Plevna, 3.8 mi northwest of New Market, and 2 mi south of Alabama-Tennessee State line.
DRAINAGE AREA.—33.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1998 to current year.

GAGE.—Water-stage recorder. Datum of gage is 756.34 ft above sea level.

REMARKS.—No estimated daily discharges. Records fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.5	3.6	4.4	7.8	28	37	22	8.8	87	56	23	20
2	3.4	3.6	4.2	7.2	23	32	18	8.4	45	18	16	23
3	3.3	3.4	4.1	7.1	20	29	24	7.9	27	21	147	26
4	3.2	4.0	3.9	7.0	18	34	187	7.5	334	38	71	16
5	3.2	3.5	3.8	7.1	16	37	132	7.2	358	59	26	12
6	3.3	3.5	3.7	7.1	15	26	55	7.0	66	42	18	9.6
7	3.3	3.9	3.6	6.9	14	22	37	6.8	392	18	13	8.0
8	3.3	7.3	3.6	6.8	13	19	29	16	241	13	11	7.1
9	3.3	179	3.5	6.4	15	17	25	11	88	11	9.9	6.8
10	3.3	19	3.5	6.1	84	16	22	10	50	12	68	6.9
11	3.2	8.3	3.5	6.6	32	15	19	53	35	12	55	6.5
12	3.1	6.0	3.6	8.3	31	77	49	65	28	12	77	5.9
13	3.1	5.0	5.0	8.0	30	77	594	21	22	8.9	150	5.7
14	3.0	4.2	14	7.4	71	37	120	13	21	7.6	57	5.3
15	2.9	3.9	9.8	7.1	156	177	91	11	39	6.8	26	5.2
16	2.9	6.4	713	6.8	651	80	62	9.2	74	6.4	17	5.1
17	2.9	9.2	158	6.8	336	47	43	8.1	25	6.1	13	4.9
18	3.4	6.9	42	42	106	35	33	7.3	17	5.7	11	4.8
19	4.0	5.6	33	848	72	32	28	8.5	14	5.8	10	81
20	3.9	4.8	25	155	54	783	24	8.8	12	15	8.9	36
21	4.5	4.4	16	67	49	159	21	22	10	28	7.8	13
22	4.0	4.1	13	44	64	89	18	17	11	10	7.0	9.5
23	3.8	4.0	12	34	45	64	16	14	10	7.5	6.5	8.1
24	3.9	4.9	11	28	36	50	17	14	9.0	6.3	6.1	14
25	3.9	9.2	10	23	299	39	15	12	8.1	62	5.9	13
26	3.8	7.9	9.6	20	90	32	13	9.6	29	82	5.7	9.6
27	3.8	6.4	10	18	58	28	12	8.4	20	21	5.5	8.3
28	3.9	5.6	11	16	46	25	11	322	15	13	5.8	7.4
29	3.8	5.0	9.7	26	---	24	9.9	90	13	200	5.5	6.7
30	3.8	4.6	8.7	126	---	23	9.3	31	64	129	11	6.3
31	3.6	---	8.0	43	---	22	---	32	---	48	13	---
TOTAL	108.3	347.2	1164.2	1610.5	2472	2184	1756.2	867.5	2164.1	981.1	907.6	391.7
MEAN	3.49	11.6	37.6	52.0	88.3	70.5	58.5	28.0	72.1	31.6	29.3	13.1
MAX	4.5	179	713	848	651	783	594	322	392	200	150	81
MIN	2.9	3.4	3.5	6.1	13	15	9.3	6.8	8.1	5.7	5.5	4.8
CFSM	.11	.35	1.14	1.57	2.68	2.13	1.77	.85	2.19	.96	.89	.40
IN.	.12	.39	1.31	1.82	2.79	2.46	1.98	.98	2.44	1.11	1.02	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

MEAN	4.23	7.20	24.4	66.2	56.6	71.4	63.4	27.2	30.7	16.3	14.9	6.91
MAX	6.16	11.6	37.6	127	88.3	78.6	115	47.1	72.1	31.6	29.3	13.1
(WY)	1999	2001	2001	1999	2001	1999	2000	1999	2001	2001	2001	2001
MIN	3.04	4.54	5.36	19.5	26.5	65.2	16.5	6.51	6.06	7.15	3.64	3.54
(WY)	2000	2000	2000	2000	2000	2000	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1999 - 2001
ANNUAL TOTAL	9565.4	14954.4	32.3
ANNUAL MEAN	26.1	41.0	41.0
HIGHEST ANNUAL MEAN			2001
LOWEST ANNUAL MEAN			2000
HIGHEST DAILY MEAN	1570	848	1570
LOWEST DAILY MEAN	2.6	2.9	2.6
ANNUAL SEVEN-DAY MINIMUM	2.7	3.0	2.7
MAXIMUM PEAK FLOW		2160	3390
MAXIMUM PEAK STAGE		8.09	8.94
ANNUAL RUNOFF (CFSM)	.79	1.24	.98
ANNUAL RUNOFF (INCHES)	10.78	16.86	13.32
10 PERCENT EXCEEDS	33	80	64
50 PERCENT EXCEEDS	5.7	13	7.8
90 PERCENT EXCEEDS	3.3	3.8	3.5

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DISIT FIELD MG/L AS HCO3 (00453)
OCT 18...	0830	16.6	20.0	748	2.25	3.1	101	104	5.6	58.3	7.3	7.3	46
NOV 07...	0845	16.7	19.0	750	2.35	3.9	94	98	6.7	70.0	7.5	7.2	43
NOV 09...	1015	18.0	22.0	744	5.14	327	95	100	7.4	80.1	7.5	6.5	40
DEC 14...	0930	7.6	5.0	752	2.64	12	77	80	10.3	87.2	7.3	7.0	26
JAN 11...	1230	4.4	10.0	747	2.30	6.1	90	93	13.1	103	7.8	7.3	35
FEB 14...	1415	11.7	18.0	744	3.59	75	97	100	10.5	99.1	7.7	7.1	34
MAR 15...	0800	11.1	12.0	735	4.90	302	94	102	9.9	92.9	7.5	7.0	37
APR 10...	0900	17.7	26.0	744	2.74	22	111	116	9.6	103	7.6	7.2	47
MAY 16...	1045	18.6	29.0	741	2.33	9.7	97	101	--	--	7.5	7.2	36
JUN 05...	1130	19.4	24.0	747	4.54	148	87	87	8.1	89.8	7.4	6.9	34
JUL 11...	0830	22.2	25.0	740	2.47	10	105	107	7.4	87.4	7.3	7.2	41
AUG 16...	0830	21.1	25.0	745	2.76	18	117	117	7.1	82.1	7.4	7.5	48
DATE	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)
OCT 18...	38	1.1	270	.811	.768	--	<.041	E.004	--	.10	.14	.667	--
NOV 07...	35	1.2	160	.642	.570	--	<.041	<.006	--	.13	.20	.438	--
NOV 09...	33	100	--	1.75	1.07	--	<.041	.006	.534	.53	1.2	.540	--
DEC 14...	21	5.9	2200	1.15	1.04	--	<.041	.024	.785	.23	.34	.809	--
JAN 11...	29	1.7	E91	1.41	--	--	<.041	<.006	--	<.10	.10	1.31	--
FEB 14...	27	48	1100	1.45	1.23	--	<.041	<.006	--	.40	.61	.835	--
MAR 15...	31	100	13000	--	1.79	.816	.257	.006	.710	1.1	<.08	.716	.331
APR 10...	38	3.4	720	1.40	1.39	--	<.041	E.005	--	.17	.18	1.22	--
MAY 16...	30	5.7	600	1.58	1.55	--	E.033	.011	1.29	.25	.27	1.30	--
JUN 05...	28	68	2900	1.42	1.14	--	<.040	.014	.667	.45	.73	.681	--
JUL 11...	33	5.0	460	1.44	1.38	--	<.040	.009	1.19	.18	.24	1.20	--
AUG 16...	40	3.4	630	1.33	1.32	--	E.035	E.004	--	.19	.20	1.14	--

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
OCT 18...	--	--	--	.021	.012	E.010	1.9	.3	44.5	7	13.1	2.87	1.1
NOV 07...	--	--	--	.019	.013	E.010	--	--	41.4	6	12.2	2.66	1.1
NOV 09...	2.36	.020	1.03	.552	.314	.337	9.9	--	33.5	0	10.2	1.91	.7
DEC 14...	3.47	.079	--	.034	.017	<.018	--	--	30.6	9	8.83	2.07	1.2
JAN 11...	--	--	--	.011	.010	E.009	--	--	38.4	10	11.4	2.45	1.4
FEB 14...	--	--	.107	.119	.049	.035	--	--	37.0	9	11.9	1.78	2.0
MAR 15...	3.14	.020	.610	<.060	.232	.199	--	--	37.4	7	12.2	1.66	1.4
APR 10...	--	--	--	.021	.018	E.013	--	--	50.0	11	16.1	2.38	1.5
MAY 16...	5.71	.036	.104	.054	.046	.034	--	--	42.1	13	12.9	2.42	1.4
JUN 05...	2.95	.046	.187	.177	.108	.061	--	--	34.9	7	11.4	1.55	1.0
JUL 11...	5.29	.030	--	.039	.033	E.010	--	--	44.4	11	13.6	2.54	1.4
AUG 16...	--	--	.083	.043	.030	.027	--	--	48.7	9	15.4	2.48	1.5
DATE	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 18...	.072	4.98	1.26	2.7	4.6	<.2	6.1	10	10.6	60	57.3	.50	.1
NOV 07...	.075	5.29	1.54	2.8	4.4	<.2	6.1	40	12.6	54	54.0	.57	.1
NOV 09...	.051	3.09	9.92	2.7	3.8	E.1	3.3	100	44.2	71	55.9	63	.1
DEC 14...	.095	7.42	1.65	3.6	4.0	<.2	5.1	50	20.8	52	42.9	1.6	.1
JAN 11...	.102	7.38	.93	4.1	4.5	<.2	4.6	20	17.2	54	52.5	.89	.1
FEB 14...	.144	9.66	3.06	5.4	5.0	<.2	3.9	70	13.7	70	53.6	14	.1
MAR 15...	.098	6.64	3.62	4.3	3.5	<.2	2.8	110	20.5	77	51.9	63	.1
APR 10...	.094	6.03	1.46	4.7	3.5	<.2	3.1	30	12.8	78	61.3	4.6	.1
MAY 16...	.095	6.45	1.91	4.6	4.0	<.2	6.0	40	20.4	61	56.8	1.6	.1
JUN 05...	.073	5.20	3.27	3.1	3.4	<.2	4.3	130	18.6	69	48.3	28	.1
JUL 11...	.095	6.31	1.91	4.3	3.8	<.2	6.5	40	30.7	67	59.7	1.8	.1
AUG 16...	.092	5.86	2.39	4.2	3.5	<.2	6.5	60	22.5	77	64.9	3.8	.1

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL—Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)
OCT 18...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	<.07	<.15	E.007	<.018	<.003
NOV 09...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	<.07	<.06	E.024	.030	<.003
DEC 14...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	<.07	<.06	E.008	<.018	<.003
JAN 11...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	<.07	<.06	E.014	<.018	<.003
FEB 14...	--	--	<.08	<.05	<.10	<.06	--	--	<.07	<.06	<.087	--	--
MAR 15...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	E.003	<.07	<.31	E.018	<.018	<.003
APR 10...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	E.001	<.07	<.06	E.023	<.018	<.003
MAY 16...	<.010	<.002	<.08	<.05	<.10	<.06	E.003	E.005	E.02	E.01	E.078	<.018	<.003
JUN 05...	<.010	<.002	<.03	<.01	<.01	<.0005	E.009	E.003	E.07	E.01	E.255	<.018	<.003
JUL 11...	<.010	<.002	<.03	<.01	<.01	<.03	<.011	E.002	E.01	E.01	E.021	<.018	<.003
AUG 16...	<.010	<.002	<.03	<.01	<.01	<.03	<.011	<.015	<.04	<.01	E.026	<.018	<.003

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
OCT 18...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	E.01	<.05	E.01	<.02
NOV 09...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.02	<.02
DEC 14...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.01	<.02
JAN 11...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.02	<.02
FEB 14...	--	--	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.01	<.02
MAR 15...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.01	<.02
APR 10...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.03	<.02
MAY 16...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.04	<.02
JUN 05...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	E.005	<.0019	<.02	E.01	<.01
JUL 11...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	.04	<.01
AUG 16...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	E.02	<.01

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
OCT 18...	<.005	<.004	<.005	<.013	<.027	<.007	<.005	<.007	<.08	<.002	<.10	<.07	<.004
NOV 09...	<.005	<.004	<.005	.036	<.027	<.007	<.005	.180	<.08	<.002	<.10	<.07	<.004
DEC 14...	<.005	<.004	<.005	<.013	<.027	<.007	<.005	E.003	E.06	<.002	<.10	<.07	<.004
JAN 11...	<.005	<.004	<.005	E.003	<.027	<.007	<.005	E.006	<.08	<.002	<.10	<.07	<.004
FEB 14...	--	--	--	--	--	--	--	E.014	<.08	--	<.10	<.07	--
MAR 15...	<.005	<.004	<.005	.440	<.027	<.007	<.005	.041	<.08	<.002	<.10	<.07	<.004
APR 10...	<.005	<.004	<.005	.015	<.027	<.007	<.005	.022	E.02	<.002	<.10	<.07	<.004
MAY 16...	<.005	<.004	<.005	.128	<.027	<.007	<.005	.876	<.08	<.002	<.10	<.07	<.004
JUN 05...	<.005	<.004	<.005	.373	<.027	<.007	<.005	E1.99	.03	<.002	<.02	<.01	<.004
JUL 11...	<.005	<.004	<.005	.014	<.027	<.007	<.005	.064	<.02	<.002	<.02	<.01	<.004
AUG 16...	<.005	<.004	<.005	.065	<.027	<.007	<.005	E.058	<.02	<.002	<.02	<.01	<.004

DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
OCT 18...	<.07	<.07	<.08	<.07	<.08	<.07	M	<.04	<.05	<.07	<.04	<.05	<.06
NOV 09...	<.07	<.07	E.02	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
DEC 14...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
JAN 11...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
FEB 14...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
MAR 15...	<.07	<.07	E.01	<.07	<.08	<.07	<.08	M	<.05	<.07	<.04	<.05	<.06
APR 10...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
MAY 16...	<.07	<.07	<.08	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
JUN 05...	<.02	<.02	<.02	<.01	<.0044	<.03	E.04	<.0009	<.01	<.01	<.01	<.04	<.01
JUL 11...	<.02	<.02	<.0015	<.01	<.0044	<.03	M	<.01	<.01	<.01	<.01	<.04	<.01
AUG 16...	<.02	<.02	<.02	<.01	<.0044	<.03	<.0045	<.0026	<.01	<.01	<.01	<.04	<.01

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT.FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT.FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)
OCT 18...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	E.022	<.037	<.039
NOV 09...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
DEC 14...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
JAN 11...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
FEB 14...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
MAR 15...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
APR 10...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
MAY 16...	<.06	<.06	<.06	<.08	E.05	E.03	<.06	<.072	<.061	<.022	<.081	<.037	E.004
JUN 05...	<.01	E.01	<.02	<.04	E.04	E.04	<.01	<1.50	<.025	<.004	E.020	<.010	<.009
JUL 11...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.010	<.009
AUG 16...	<.01	<.03	<.02	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010	<.010	<.009

DATE	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMEY OXIME WATER FLTRD REC (UG/L) (50410)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	UREA 3/ 4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)
OCT 18...	<.193	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
NOV 09...	<.193	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
DEC 14...	E.014	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
JAN 11...	E.018	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
FEB 14...	E.031	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
MAR 15...	E.053	<.103	<.057	<.065	<.088	<.064	E.008	<.064	<.07	<.11	<.0915	<.0482	<.0866
APR 10...	E.035	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
MAY 16...	E.154	<.103	E.010	<.065	<.088	<.064	<.086	<.064	--	<.11	<.0915	<.0482	<.0866
JUN 05...	E.295	<.016	E.016	E.021	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110
JUL 11...	E.057	<.016	<.002	<.013	<.017	<.013	<.009	<.003	<.01	<.02	<.0242	<.0158	<.0110
AUG 16...	E.101	<.016	<.002	<.013	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (81695)	METH- OMYL OXIME WATER FLTRD REC (UG/L) (81696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (81697)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)
OCT 18...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
NOV 09...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
DEC 14...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
JAN 11...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
FEB 14...	<.1060	<.0102	<.1138	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
APR 10...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
MAY 16...	E.0221	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
JUN 05...	E.0218	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
JUL 11...	<.0068	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
AUG 16...	<.0068	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002

DATE	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
OCT 18...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
NOV 09...	.059	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
DEC 14...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
JAN 11...	<.016	<.005	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
FEB 14...	<.077	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	E.009	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
APR 10...	E.009	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
MAY 16...	E.008	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
JUN 05...	E.005	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.027	<.005	<.003
JUL 11...	E.005	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
AUG 16...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
OCT 18...	<.010	<.007	<.023	<.050	<.006
NOV 09...	<.010	<.007	<.023	<.050	<.006
DEC 14...	<.010	<.007	<.023	<.050	<.006
JAN 11...	<.010	<.007	<.023	<.050	<.006
MAR 15...	<.010	<.007	<.023	<.050	<.006
APR 10...	<.010	<.007	<.023	<.050	<.006
MAY 16...	<.010	<.007	<.023	<.050	<.006
JUN 05...	<.010	<.007	<.023	<.050	<.006
JUL 11...	<.010	<.007	<.023	<.050	<.006
AUG 16...	<.010	<.007	<.023	<.050	<.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 18...	0830	3.1	3	.03	59
NOV 07...	0845	3.9	2	.02	62
NOV 09...	1015	327	139	123	96
DEC 14...	0930	12	5	.16	80
JAN 11...	1230	6.1	3	.05	94
FEB 14...	1415	75	45	9.2	99
MAR 15...	0800	302	118	96	95
APR 10...	0900	22	5	.30	74
MAY 16...	1045	9.7	7	.18	93
JUN 05...	1130	148	37	15	98
JUL 11...	0830	10	5	.14	95
AUG 16...	0830	18	6	.30	98
SEP 12...	0830	6.0	3	.05	95

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 34°44'57", long 86°26'48", in SW¹/₄ sec. 29, T. 3 S., R. 2 E., Madison County, Hydrologic Unit 06030002, on right bank on Brownsboro Road, 0.3 mi north of U.S. Highway 72, 10 mi east of Huntsville, at Brownsboro, and river mile 27.6.

DRAINAGE AREA.--375 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 620 ft above sea level.

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	97	87	163	259	827	894	586	307	1310	2890	658	515
2	96	88	157	248	674	802	555	300	1380	1210	475	959
3	93	87	152	234	583	750	576	288	809	625	406	1620
4	89	92	150	231	520	775	798	271	882	938	829	945
5	88	100	146	227	478	832	1980	260	3510	1340	492	623
6	86	104	143	227	439	741	1080	256	1330	2690	395	478
7	83	111	141	222	408	645	810	253	2800	1170	353	391
8	81	164	139	217	387	588	687	517	7880	691	327	345
9	82	2200	136	207	380	553	619	728	3190	537	312	315
10	84	874	136	199	1010	511	564	533	1450	949	1370	351
11	84	353	136	189	868	486	515	402	1030	720	3090	338
12	85	236	137	202	698	667	491	858	858	978	1130	295
13	85	193	137	223	710	1520	5180	649	729	606	2850	268
14	83	174	303	218	1030	958	4630	389	663	425	2060	247
15	82	160	398	208	1530	1890	1760	300	823	355	973	230
16	82	162	2020	202	3970	1850	1480	253	1020	314	683	219
17	84	216	8940	200	8140	1100	1030	226	785	274	540	210
18	81	255	1840	430	2830	877	826	207	585	251	447	204
19	79	202	985	6180	1550	794	722	210	485	234	412	348
20	80	178	732	6350	1200	5470	647	247	432	289	432	1760
21	82	162	592	1860	1040	6050	588	259	399	411	422	651
22	83	152	503	1180	1160	2010	523	362	411	438	332	407
23	85	147	426	945	1110	1380	479	336	477	309	294	330
24	87	149	388	805	895	1110	457	294	390	257	257	648
25	85	200	363	698	2860	952	451	288	350	230	247	663
26	87	315	335	607	2400	829	419	251	331	2700	240	420
27	89	243	327	550	1270	740	386	215	395	858	328	336
28	87	205	343	502	1040	677	358	1110	400	514	417	292
29	85	187	335	488	---	644	344	3260	540	1130	265	260
30	86	173	304	1800	---	626	323	1050	564	2070	318	236
31	87	---	276	1240	---	607	---	755	---	1210	536	---
TOTAL	2647	7969	21283	27348	40007	38328	29864	15634	36208	27613	21890	14904
MEAN	85.4	266	687	882	1429	1236	995	504	1207	891	706	497
MAX	97	2200	8940	6350	8140	6050	5180	3260	7880	2890	3090	1760
MIN	79	87	136	189	380	486	323	207	331	230	240	204
CFSM	.23	.71	1.83	2.35	3.81	3.30	2.65	1.34	3.22	2.38	1.88	1.32
IN.	.26	.79	2.11	2.71	3.97	3.80	2.96	1.55	3.59	2.74	2.17	1.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	MEAN	172	503	1147	1026	1186	1088	504	588	434	310	230
MAX	113	266	687	2184	1429	1326	1821	758	1207	891	706	497
(WY)	1999	2001	2001	1999	2001	1999	2000	1999	2001	2001	2001	2001
MIN	85.4	125	185	376	513	997	447	249	172	113	112	89.9
(WY)	2001	1999	2000	2000	2000	2000	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1999 - 2001
ANNUAL TOTAL	166930	283695	
ANNUAL MEAN	456	777	605
HIGHEST ANNUAL MEAN			777
LOWEST ANNUAL MEAN			403
HIGHEST DAILY MEAN	16300	8940	16300
LOWEST DAILY MEAN	76	79	76
ANNUAL SEVEN-DAY MINIMUM	81	81	81
MAXIMUM PEAK FLOW		11900	26300
MAXIMUM PEAK STAGE		18.57	20.61
ANNUAL RUNOFF (CFSM)	1.22	2.07	1.61
ANNUAL RUNOFF (INCHES)	16.56	28.14	21.92
10 PERCENT EXCEEDS	730	1580	1200
50 PERCENT EXCEEDS	190	425	264
90 PERCENT EXCEEDS	86	102	91

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA

PERIOD OF RECORD.--Water years 1973, 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DISIT FIELD MG/L AS HCO3 (00453)
OCT 17...	0830	16.2	21.0	762	8.23	89	179	185	8.2	83.5	7.8	7.6	85
NOV 06...	1445	16.4	16.0	750	8.40	107	163	168	9.3	96.3	7.7	7.3	82
09...	1230	18.2	18.0	749	12.28	2820	102	105	7.5	81.0	7.5	6.5	47
DEC 13...	1415	6.9	8.0	752	8.51	130	164	170	11.6	96.6	8.0	7.6	80
JAN 11...	0900	5.0	4.0	752	8.74	190	148	154	12.0	95.2	7.8	7.9	71
FEB 13...	1500	9.6	12.0	743	9.53	711	134	137	10.7	96.3	8.0	7.3	56
MAR 13...	1500	13.7	20.0	744	10.38	1400	123	132	10.4	103	7.0	7.2	57
MAY 15...	1630	20.7	31.0	746	9.06	287	141	144	9.6	109	8.0	7.4	63
22...	1330	21.4	23.0	--	9.36	392	145	--	--	--	8.1	7.9	71
JUN 05...	1545	20.4	28.0	750	13.78	3990	92	96	7.6	85.8	7.6	6.9	42
JUL 10...	1630	24.1	27.0	742	9.78	987	108	113	6.8	83.3	8.0	7.5	46
AUG 15...	1600	23.7	31.0	745	9.73	849	124	128	7.5	90.3	7.7	7.7	57
DATE	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
OCT 17...	70	4.3	89	1.97	--	--	--	<.041	E.003	--	E.10	.19	1.78
NOV 06...	67	2.7	130	1.20	1.12	--	--	<.041	<.006	--	.11	.19	1.01
09...	38	300	--	2.09	1.03	--	--	<.041	E.004	--	.30	1.4	.726
DEC 13...	65	1.7	E10	1.63	--	--	--	<.041	.022	1.21	E.06	.40	1.23
JAN 11...	58	1.9	E12	1.72	1.73	--	--	<.041	<.006	--	.12	.11	1.61
FEB 13...	46	7.6	E46	1.65	1.57	--	--	<.041	<.006	--	.15	.23	1.42
MAR 13...	47	35	1100	1.61	1.44	.497	.321	.042	E.004	--	.36	.54	1.07
MAY 15...	52	8.0	24	1.79	1.74	--	--	<.041	.012	1.48	.25	.30	1.49
22...	58	16	83	1.81	1.70	--	--	<.210	.009	1.58	.11	.22	1.59
JUN 05...	34	170	E12000	1.26	.822	--	--	<.040	.036	.378	.41	.85	.414
JUL 10...	38	160	1800	1.85	1.54	--	--	<.040	.017	1.33	.20	.51	1.34
AUG 15...	46	21	150	1.39	1.29	.291	.190	.042	.009	1.05	.23	.33	1.06

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
OCT 17...	--	--	--	.386	.071	.140	.126	.94	.3	79.6	10	24.2	4.63
NOV 06...	--	--	--	.126	.053	.053	.041	--	--	75.1	8	22.6	4.53
NOV 09...	--	--	--	.530	.562	.205	.173	5.4	--	40.4	2	12.9	2.02
DEC 13...	--	5.37	.072	--	.025	.018	<.018	--	--	76.6	11	23.9	4.13
JAN 11...	--	--	--	--	.016	.013	E.011	--	--	68.4	10	21.4	3.60
FEB 13...	--	--	--	--	.029	.014	E.009	--	--	57.5	12	18.6	2.65
MAR 13...	.054	--	--	--	.078	.024	E.014	--	--	--	--	--	--
MAY 15...	--	6.54	.039	.123	.071	.057	.040	3.0	--	63.0	11	19.9	3.21
MAY 22...	--	6.99	.030	.156	.080	.068	.051	--	--	67.2	9	21.1	3.50
JUN 05...	--	1.67	.118	.123	.312	.111	.040	--	--	40.3	6	13.2	1.74
JUL 10...	--	5.87	.056	.159	.187	.072	.052	--	--	48.5	11	15.5	2.40
AUG 15...	.054	4.66	.030	.166	.100	.064	.054	--	--	56.5	10	18.2	2.65

DATE	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
OCT 17...	2.5	.124	6.32	1.92	5.3	3.7	<.2	6.2	<10	9.3	102	98.6	25
NOV 06...	2.0	.102	5.43	1.29	3.8	3.2	<.2	6.6	M	11.3	92	89.0	27
NOV 09...	.8	.054	3.58	4.69	2.4	3.8	E.1	3.5	20	3.5	61	56.9	464
DEC 13...	2.0	.100	5.34	.88	4.0	4.9	<.2	4.8	10	10.0	98	89.4	34
JAN 11...	2.0	.107	5.99	.76	4.2	4.6	<.2	4.8	20	10.3	87	83.6	45
FEB 13...	1.6	.089	5.41	1.25	4.3	4.8	<.2	4.3	30	11.6	81	71.3	155
MAR 13...	--	--	--	--	3.7	4.3	<.2	--	--	--	91	--	--
MAY 15...	1.7	.092	5.28	1.83	4.7	3.5	<.2	5.4	60	16.4	83	78.0	64
MAY 22...	1.6	.083	4.70	1.32	4.0	3.5	<.2	6.0	30	20.8	101	83.1	107
JUN 05...	.9	.059	4.06	2.94	2.5	3.0	<.2	4.0	90	19.2	71	50.8	765
JUL 10...	1.2	.076	4.92	2.27	3.6	3.0	E.1	5.5	20	7.9	69	62.2	184
AUG 15...	1.4	.081	4.94	1.89	3.5	3.4	<.2	6.6	120	27.3	86	70.8	197

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)
OCT 17...	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015	<.07	E.01	E.016	<.018	<.003
NOV 09...	<.010	<.002	<.08	<.05	<.10	<.06	.184	E.004	<.07	E.01	E.007	E.014	<.003
DEC 13...	<.010	<.002	<.08	<.05	<.10	<.06	.021	<.015	<.07	<.06	E.027	<.018	<.003
JAN 11...	<.010	<.002	<.08	<.05	<.10	<.06	.077	<.015	E.01	<.06	E.034	<.018	<.003
FEB 13...	--	--	<.08	<.05	<.10	<.06	--	--	E.01	<.06	<.087	--	--
MAR 13...	<.010	<.002	<.08	<.05	<.10	<.06	.051	.020	E.02	<.06	E.023	<.018	<.003
MAY 15...	<.010	<.002	<.08	<.05	<.10	<.06	.274	E.004	E.04	E.01	E.113	<.018	<.003
22...	<.010	<.002	<.03	<.01	<.01	<.03	.042	E.002	<.04	<.01	E.048	<.018	<.003
JUN 05...	<.010	<.002	<.03	<.01	<.01	<.03	.014	E.004	<.04	E.03	E.147	<.018	<.003
JUL 10...	<.010	<.002	<.03	<.01	<.01	<.03	E.010	E.004	E.01	E.02	E.023	E.008	<.003
AUG 15...	<.010	<.002	<.03	<.01	<.01	<.03	E.005	<.015	E.01	E.01	E.024	E.008	<.003

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
OCT 17...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	.21	<.02
NOV 09...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	.08	<.02
DEC 13...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	.10	<.02
JAN 11...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	.16	<.02
FEB 13...	--	--	<.10	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	.09	<.02
MAR 13...	<.005	<.003	E.32	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05	E.07	<.02
MAY 15...	<.005	<.003	<.10	<.07	<.06	<.06	<.08	<.06	<.093	M	<.05	.27	<.02
22...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	M	<.02	.25	<.01
JUN 05...	<.005	<.003	.02	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	.04	<.01
JUL 10...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	.26	<.01
AUG 15...	<.005	<.003	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01	<.02	.07	<.01

DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
OCT 17...	<.005	<.004	<.005	<.013	<.027	<.007	<.005	.013	<.08	<.002	<.10	<.07	<.004
NOV 09...	<.005	<.004	<.005	.015	<.027	<.007	.012	E.006	<.08	<.002	<.10	<.07	<.004
DEC 13...	<.005	<.004	<.005	E.001	<.027	<.007	<.005	.013	<.08	<.002	<.10	<.07	<.004
JAN 11...	<.005	<.004	<.005	E.002	<.027	<.007	<.005	.016	<.08	<.002	<.10	<.07	<.004
FEB 13...	--	--	--	--	--	--	--	E.006	<.08	--	<.10	<.07	--
MAR 13...	<.005	<.004	<.005	.106	<.027	<.007	<.005	.031	E1.36	<.002	<.10	<.07	<.004
MAY 15...	<.005	<.004	<.005	.129	<.027	<.007	<.005	1.70	E.02	<.002	<.10	<.07	.063
22...	<.005	<.004	<.005	.015	<.027	<.007	<.005	.328	<.02	<.002	<.02	<.01	<.004
JUN 05...	<.005	<.004	<.005	.107	<.027	<.007	E.004	.446	.04	<.005	<.02	<.01	E.017
JUL 10...	.006	<.004	<.005	.041	.079	<.007	E.003	.087	<.02	<.002	<.02	<.01	<.004
AUG 15...	<.005	<.004	<.005	.027	<.027	<.007	<.005	E.039	<.02	<.002	<.02	<.01	<.004

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL—Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR- AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
OCT 17...	<.07	<.07	E.03	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
NOV 09...	<.07	<.07	E.03	<.07	<.08	<.07	.09	<.04	<.05	<.07	<.04	<.05	<.06
DEC 13...	<.07	<.07	E.02	<.07	<.08	<.07	M	<.04	<.05	<.07	<.04	<.05	<.06
JAN 11...	<.07	<.07	E.03	<.07	<.08	<.07	E.01	<.04	<.05	<.07	<.04	<.05	<.06
FEB 13...	<.07	<.07	E.03	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
MAR 13...	<.07	<.07	E.02	<.07	<.08	<.07	<.08	<.04	<.05	<.07	<.04	<.05	<.06
MAY 15...	<.07	<.07	E.04	<.07	<.08	<.07	E.01	<.04	<.05	<.07	<.04	<.05	<.06
22...	<.02	<.02	E.06	<.01	<.0044	<.03	E.01	<.0003	<.01	<.01	<.01	<.04	<.01
JUN 05...	<.02	<.02	E.01	<.01	<.0044	<.03	<.01	<.0004	<.01	<.01	<.01	<.04	<.01
JUL 10...	<.02	<.02	E.05	<.0017	<.0044	<.03	.29	<.01	<.01	<.01	<.01	<.04	<.01
AUG 15...	<.02	<.02	E.03	<.01	<.0044	<.03	.04	<.01	<.01	<.01	<.01	<.04	<.01
DATE	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)
OCT 17...	<.06	<.06	<.06	<.08	E.01	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
NOV 09...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
DEC 13...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
JAN 11...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
FEB 13...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	<.039
MAR 13...	<.06	<.06	<.06	<.08	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037	E.009
MAY 15...	M	M	<.06	<.08	E.13	E.13	<.06	<.072	<.061	<.022	<.081	<.037	E.004
22...	<.0011	<.03	<.02	<.04	<.02	E.07	<.01	<.150	<.025	<.004	<.010	<.010	<.009
JUN 05...	<.01	E.02	<.02	<.04	<.02	E.04	<.01	<.150	<.025	<.004	<.010	<.010	<.009
JUL 10...	<.01	M	<.02	<.04	<.02	<.01	<.01	<.150	<.025	<.004	<.010	<.010	<.009
AUG 15...	<.01	M	<.02	<.04	<.02	<.0012	<.01	<.150	<.025	<.004	<.010	<.010	<.009
DATE	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)
OCT 17...	E.017	<.103	E.005	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
NOV 09...	<.193	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
DEC 13...	E.015	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
JAN 11...	E.022	E.018	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
FEB 13...	E.048	<.103	<.057	<.065	<.088	<.064	<.086	<.064	<.07	<.11	<.0915	<.0482	<.0866
MAR 13...	E.035	<.103	<.057	<.065	<.088	<.064	E.139	<.064	<.07	<.11	<.0915	<.0482	<.0866
MAY 15...	E.209	<.103	E.036	<.065	<.088	<.064	<.086	<.064	—	<.11	<.0915	<.0482	<.0866
22...	E.112	<.016	E.011	<.013	<.017	<.013	<.009	<.021	E.06	<.02	<.0242	<.0158	<.0110
JUN 05...	E.198	E.008	E.016	.018	<.017	<.013	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110
JUL 10...	E.076	<.016	E.018	<.013	<.017	<.013	<.009	<.006	<.01	<.02	<.0242	<.0158	<.0110
AUG 15...	E.087	<.016	E.006	<.013	<.017	<.013	<.009	<.007	<.01	<.02	<.0242	<.0016	<.0110

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL—Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (61695)	METH- OMYL OXIME WATER FLTRD REC (UG/L) (61696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U (UG/L) (82666)	METHYL PARA- THON WAT FLT 0.7 U (UG/L) (82667)	EPTC WATER FLTRD 0.7 U (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U (UG/L) (82669)
	OCT 17...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002
NOV 09...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
DEC 13...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
JAN 11...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
FEB 13...	<.1060	<.0102	<.1138	—	—	—	—	—	—	—	—	—	—
MAR 13...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
MAY 15...	<.1060	<.0102	<.1138	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
MAY 22...	<.0068	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
JUN 05...	<.0068	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
JUL 10...	<.0068	<.0110	<.0250	.110	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
AUG 15...	<.0068	<.0110	<.0250	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002
DATE	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
OCT 17...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
NOV 09...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
DEC 13...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
JAN 11...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
FEB 13...	<.077	—	—	—	—	—	—	—	—	—	—	—	—
MAR 13...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
MAY 15...	E.011	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.016	<.005	<.003
MAY 22...	E.011	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.041	<.005	<.003
JUN 05...	<.016	<.002	<.005	<.010	E.009	<.017	<.004	<.021	<.002	<.011	E.085	<.005	<.003
JUL 10...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.009	<.005	<.003
AUG 15...	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011	E.014	<.005	<.003
DATE	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)								
OCT 17...	<.010	<.007	<.023	<.050	<.006								
NOV 09...	<.010	<.007	<.023	<.050	<.006								
DEC 13...	<.010	<.007	<.023	<.050	<.006								
JAN 11...	<.010	<.007	<.023	<.050	<.006								
MAR 13...	<.010	<.007	<.023	<.050	<.006								
MAY 15...	E.010	<.007	<.023	<.050	<.006								
MAY 22...	<.010	<.007	<.023	<.050	<.006								
JUN 05...	.013	<.007	<.023	<.050	<.006								
JUL 10...	.055	<.007	<.023	<.050	<.006								
AUG 15...	<.010	<.007	<.023	<.050	<.006								

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
17...	0830	89	5	1.2	90
NOV					
06...	1445	107	5	1.4	89
09...	1230	2820	319	2430	98
DEC					
13...	1415	130	3	1.1	71
JAN					
11...	0900	190	2	1.0	81
FEB					
13...	1500	711	39	75	94
MAR					
13...	1500	1400	39	147	94
MAY					
15...	1630	287	13	10	89
22...	1330	392	17	18	98
JUN					
05...	1545	3990	130	1400	94
JUL					
10...	1630	987	90	240	99
AUG					
15...	1600	849	33	76	85
SEP					
11...	1530	327	15	13	80

**TENNESSEE RIVER BASIN
TENNESSEE RIVER MAIN STEM**

03575500 TENNESSEE RIVER AT WHITESBURG, AL

LOCATION.--Lat 34°34'18", long 86°33'29", SW 1/4 sec. 29, T. 5 S., R. 1 E., Madison County, Hydrologic Unit 06030002, at Whitesburg, on right bank 2,500 ft upstream from Aldridge Creek, 3,000 ft upstream from Clement C. Clay Bridge on U.S. Highway 231, 11.0 mi south of Huntsville, 15.1 mi downstream from Guntersville Dam, and at mile 333.9.

DRAINAGE AREA.--25,610 mi².

PERIOD OF RECORD.--October 1924 to September 1997. October 1997 to current year (gage height only). October 1999 to current year. Monthly discharge only for some periods, published in WSP 1306. Prior to October 1936, published as "at Decatur." Gage-height records collected in this vicinity since 1875 (fragmentary prior to April 1909) are contained in files of U.S. Army Corps of Engineers and in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 549.00 ft above sea level. Oct 1, 1924, to Dec. 2, 1926, nonrecording gage, and Dec. 3, 1926, to Sept. 30, 1936, water-stage recorder, at site 28.3 mi downstream at datum 14.70 ft lower. Oct. 1, 1936, to Sept. 30, 1960, water-stage recorder 830 ft downstream at same datum. Since Mar. 4, 1937, auxiliary gage is located 28.3 mi downstream.

REMARKS.--Flow almost completely regulated.

**DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11300	29600	35100	9420	31200	79400	8240	16500	8100	14600	33300	13900
2	23900	28100	12000	25700	34200	67800	24400	15800	13200	27100	29700	12800
3	36200	24900	21800	10500	32100	51700	8060	12500	13800	12700	31800	28500
4	45200	5300	27100	4550	2300	43800	8100	10300	30400	11600	21900	33700
5	36800	4370	22900	11800	17000	36600	13700	5590	14300	13600	25300	33000
6	22500	23800	16800	6580	17900	36700	9060	6280	21400	40200	24900	34000
7	11900	15400	19900	7730	23600	36100	6030	9120	23800	20600	23500	36400
8	21100	23300	11400	9650	14300	34400	12300	9410	29700	19400	24100	22600
9	32800	38200	10700	8040	21500	33200	11200	14500	19200	27500	22800	19900
10	32500	53300	11900	18400	16800	8830	10800	13900	28700	12700	30700	20100
11	19200	26700	9030	9250	24500	15400	9340	15300	26100	14300	61100	23200
12	25500	23600	37800	9250	31100	8820	9450	6970	25500	13100	37600	24700
13	26800	34600	24000	5580	11800	27800	8960	3570	16100	6700	47300	26100
14	10300	42700	11300	7230	23800	37400	13400	12000	17300	13000	35900	35500
15	12200	34800	5260	6730	32900	48000	22400	12100	9980	9660	41400	1560
16	25800	34200	8920	11000	46400	56200	29500	22200	17900	25600	46800	8010
17	19900	31400	47900	9230	79000	39300	36900	13900	14200	10800	45600	30400
18	33900	32600	58700	24900	89100	35200	30800	13400	21500	9920	29300	30200
19	30200	17300	68200	62400	94700	35400	30300	5500	14200	6740	25400	28900
20	32800	29900	53600	94900	99400	61300	20000	3020	13100	5810	29000	22500
21	13300	34300	37600	119000	97400	86200	6500	4530	12700	13800	29200	32100
22	6840	37500	42800	103000	96100	64600	7660	7120	11100	12700	30900	18400
23	35500	5570	32000	66300	92500	54100	21200	4680	9530	20500	31400	8930
24	38100	11200	14200	53800	84400	24000	8860	5660	9230	13200	20100	37700
25	37000	10500	13800	50800	85000	21100	3150	3040	28500	13100	26400	31700
26	31700	6530	34800	49600	87300	35300	5040	3800	11500	10700	26800	22500
27	25200	14200	32800	43800	86500	34900	4070	3520	12500	4020	31400	15000
28	13300	16100	31400	35600	83600	35000	4650	3940	12400	14800	38300	19500
29	15100	23900	17500	40000	---	31900	4410	32000	26700	16500	29300	7030
30	22400	38300	8550	46000	---	33700	14800	31300	19800	40300	28100	6480
31	19500	---	12900	29200	---	10600	---	13200	---	33800	23200	---
TOTAL	768740	752170	792660	989940	1456400	1224750	403280	334650	532440	509050	982500	685310
MEAN	24800	25070	25570	31930	52010	39510	13440	10800	17750	16420	31690	22840
MAX	45200	53300	68200	119000	99400	86200	36900	32000	30400	40300	61100	37700
MIN	6840	4370	5260	4550	2300	8820	3150	3020	8100	4020	20100	1560
CFSM	.97	.98	1.00	1.25	2.03	1.54	.52	.42	.69	.64	1.24	.89
IN.	1.12	1.09	1.15	1.44	2.12	1.78	.59	.49	.77	.74	1.43	1.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

MEAN	30120	37010	52180	63160	68950	64310	41480	34300	31500	31360	31980	29280
MAX	74640	107200	113000	160000	176900	137600	141600	108700	84230	68950	46760	52860
(WY)	1990	1958	1973	1974	1957	1963	1994	1984	1989	1989	1938	1950
MIN	12860	13470	12860	14450	20790	17210	8425	9043	13300	15490	17090	13310
(WY)	1940	1940	1940	1940	1941	1988	1986	1986	1988	1988	1988	1968

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1937 - 2001
ANNUAL TOTAL	8862030	9431890	
ANNUAL MEAN	24210	25840	42910
HIGHEST ANNUAL MEAN			66170
LOWEST ANNUAL MEAN			19700
HIGHEST DAILY MEAN	189000	119000	321000
LOWEST DAILY MEAN	3350	1560	400
ANNUAL SEVEN-DAY MINIMUM	6130	4540	2210
MAXIMUM PEAK FLOW		121000	323000
MAXIMUM PEAK STAGE		13.13	26.06
ANNUAL RUNOFF (CFSM)	.95	1.01	1.68
ANNUAL RUNOFF (INCHES)	12.87	13.70	22.76
10 PERCENT EXCEEDS	37700	47000	76300
50 PERCENT EXCEEDS	22400	22500	34700
90 PERCENT EXCEEDS	8240	6920	16100

**TENNESSEE RIVER BASIN
TENNESSEE RIVER MAIN STEM**

03575500 TENNESSEE RIVER AT WHITESBURG, AL--Continued

**GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.07	3.74	3.28	2.35	4.72	8.28	3.81	6.93	6.72	7.11	7.52	5.62
2	6.25	4.03	2.08	3.10	5.17	7.14	4.12	6.52	7.00	7.65	7.20	6.00
3	6.37	3.65	2.23	1.79	4.72	6.09	3.49	6.21	7.37	6.89	7.23	7.04
4	6.35	2.66	2.57	1.59	3.53	6.34	3.79	6.08	7.64	6.52	7.26	7.84
5	5.46	2.41	2.40	2.19	3.71	5.74	4.83	5.99	7.02	6.95	7.84	7.66
6	4.63	3.10	2.05	2.15	2.83	5.05	5.61	6.13	7.10	8.03	7.89	7.20
7	4.39	2.99	2.31	2.22	2.78	4.14	6.11	6.20	7.53	7.52	7.49	6.97
8	5.06	3.26	1.85	2.49	2.55	3.56	6.50	6.51	7.78	7.53	7.14	6.37
9	5.66	4.90	1.66	2.43	2.93	3.41	6.52	6.91	7.33	7.71	6.45	5.72
10	5.33	6.44	1.79	2.83	2.99	2.51	6.31	6.93	7.68	7.11	7.13	5.55
11	4.32	4.98	1.64	2.12	4.00	2.97	6.14	6.89	7.49	7.22	9.37	5.69
12	4.79	4.73	2.68	2.15	4.60	2.72	6.21	6.66	7.59	7.04	8.49	5.68
13	5.10	5.29	2.20	2.12	3.39	3.98	6.71	6.92	7.10	6.58	8.85	5.67
14	4.53	5.27	2.45	2.21	4.08	4.86	7.33	7.13	6.83	6.36	8.41	6.14
15	4.99	4.53	2.55	2.28	5.33	5.79	7.35	6.98	6.30	6.46	8.72	5.33
16	5.23	4.38	3.03	2.47	7.12	6.58	7.60	7.02	6.66	7.21	8.33	5.75
17	4.09	4.17	5.18	2.44	9.54	5.75	8.11	6.32	6.79	6.89	7.71	6.58
18	4.35	4.02	6.73	3.52	10.62	5.88	7.56	6.38	7.07	6.56	6.85	6.21
19	3.87	3.48	8.26	7.13	10.85	5.72	7.35	6.23	6.97	6.38	6.85	6.05
20	4.13	4.04	7.41	10.43	11.15	7.52	6.50	6.24	6.67	6.25	7.17	6.08
21	3.30	3.50	6.22	12.84	10.98	10.23	6.12	6.19	6.42	6.42	7.58	6.19
22	3.23	3.69	5.40	11.71	10.86	9.19	6.48	6.21	6.11	6.70	7.69	5.28
23	4.67	2.26	4.30	9.20	10.48	8.67	7.01	6.18	6.11	7.32	7.32	4.63
24	4.70	2.59	3.76	7.81	9.61	7.60	6.60	6.22	6.33	7.35	6.36	5.82
25	4.68	3.00	3.77	6.73	9.42	7.07	6.63	6.16	7.24	7.14	5.78	5.93
26	4.21	3.14	4.85	5.72	9.49	6.76	6.72	6.20	7.07	6.82	6.16	5.57
27	3.72	3.32	4.58	5.22	9.25	5.92	6.82	6.28	6.82	6.51	6.55	4.99
28	2.74	2.73	3.89	4.59	8.74	4.86	6.96	6.61	6.62	6.71	6.94	4.86
29	3.00	3.12	2.52	4.82	---	4.37	6.97	7.91	7.08	6.98	6.54	4.30
30	3.62	3.80	1.96	5.41	---	4.40	7.20	7.99	6.87	7.96	6.15	4.63
31	3.31	---	2.18	4.70	---	3.36	---	6.93	---	7.85	5.99	---
MEAN	4.59	3.77	3.48	4.48	6.62	5.69	6.32	6.58	6.98	7.02	7.32	5.91
MAX	6.37	6.44	8.26	12.84	11.15	10.23	8.11	7.99	7.78	8.03	9.37	7.84
MIN	2.74	2.26	1.64	1.59	2.55	2.51	3.49	5.99	6.11	6.25	5.78	4.30
CAL YR 2000	MEAN 5.44		MAX 17.92		MIN 1.64							
WTR YR 2001	MEAN 5.72		MAX 12.84		MIN 1.59							

TENNESSEE RIVER BASIN

03575830 INDIAN CREEK NEAR MADISON, AL

LOCATION.—Lat 34°41'50", long 86°42'00", in NE¹/₄ sec. 14, T. 4 S., R. 2 W., Madison County, Hydrologic Unit 06030002, on downstream side of bridge on State Highway 20, 0.3 mi downstream from Southern Railroad bridge, 2.8 mi east of Madison, and 5.8 mi upstream from mouth.

DRAINAGE AREA.—49.0 mi².

PERIOD OF RECORD.—October 1959 to September 1966, October 1966 to September 1972 (peak discharge only), October 1972 to September 1975 (flood hydrograph only), October 1975 to current year. Prior to October 1972, published as 03576100, Indian Creek near Madison.

REVISED RECORDS.—WSP 1910: 1960.

GAGE.—Water-stage recorder. Datum of gage is 601.32 ft above sea level.

REMARKS.—Estimated daily discharges: Dec. 16, 17, Jan. 1-4, 8-11, 15-26. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF DAILY DISCHARGE RECORD.—The flood of March 16, 1973 reached a gage height of 12.70 ft, discharge, 16,500 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	2.3	4.4	e17	64	86	101	39	237	166	31	25
2	2.3	2.3	4.5	e16	57	80	88	37	109	42	27	136
3	2.6	2.4	5.8	e14	52	79	123	33	65	30	26	105
4	2.8	3.2	5.8	e12	50	91	378	32	225	125	26	51
5	3.0	4.0	5.2	11	47	81	299	30	165	909	32	39
6	2.8	4.1	3.9	13	44	69	150	28	81	542	24	34
7	3.0	4.6	3.5	14	41	64	126	26	798	118	31	31
8	3.2	19	3.3	e12	38	62	112	87	1110	85	37	29
9	3.1	300	3.3	e11	44	59	103	49	299	75	23	28
10	3.3	16	5.0	e10	88	56	93	45	164	86	192	31
11	3.4	8.9	5.3	e9.0	56	54	85	98	127	69	172	25
12	2.4	8.0	5.2	12	57	157	101	94	105	57	75	22
13	1.8	7.3	13	12	69	127	746	42	86	52	107	20
14	1.5	5.5	18	13	89	84	273	34	79	48	150	18
15	2.1	4.2	11	e13	121	388	261	29	90	44	57	18
16	2.2	7.8	e900	e12	512	153	172	27	85	41	46	17
17	1.9	9.3	e400	e11	683	100	132	25	63	38	43	16
18	1.6	5.9	85	126	213	83	115	23	54	35	41	14
19	1.2	7.0	61	e1000	153	101	104	28	45	33	39	24
20	2.5	6.5	44	e500	123	1990	94	30	41	32	37	24
21	2.9	5.2	40	e200	107	577	86	26	43	33	34	14
22	2.3	3.9	35	e150	131	306	77	26	39	31	31	13
23	2.4	4.0	31	e110	101	226	70	22	37	29	29	14
24	1.8	14	29	e90	87	187	68	37	33	28	27	51
25	1.6	24	27	e70	391	159	62	26	29	26	26	27
26	1.9	14	24	e55	155	139	57	23	25	108	24	17
27	2.3	10	22	51	111	127	51	22	23	101	22	14
28	2.9	7.8	21	47	97	119	48	225	51	38	20	13
29	3.0	5.7	19	78	—	114	45	103	51	39	19	13
30	2.9	4.9	19	197	—	111	42	48	111	83	21	13
31	2.4	—	18	80	—	106	—	94	—	47	21	—
TOTAL	74.4	521.8	1872.2	2966.0	3781	6135	4262	1488	4470	3190	1490	896
MEAN	2.40	17.4	60.4	95.7	135	198	142	48.0	149	103	48.1	29.9
MAX	3.4	300	900	1000	683	1990	746	225	1110	909	192	136
MIN	1.2	2.3	3.3	9.0	38	54	42	22	23	26	19	13
CFSM	.05	.35	1.23	1.95	2.76	4.04	2.90	.98	3.04	2.10	.98	.61
IN.	.06	.40	1.42	2.25	2.87	4.66	3.24	1.13	3.39	2.42	1.13	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2001, BY WATER YEAR (WY)

MEAN	28.5	37.6	79.7	117	134	174	121	70.1	39.7	23.1	16.5	11.7
MAX	450	251	439	271	415	435	325	289	223	124	111	33.6
(WY)	1976	1978	1991	1999	1994	1980	1983	1983	1989	1989	1982	1997
MIN	2.40	4.77	6.06	7.53	24.0	20.2	12.6	8.01	1.27	5.52	2.17	2.13
(WY)	2001	1991	1966	1981	1981	1988	1966	1988	1988	2000	2000	2000

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1960 - 2001

ANNUAL TOTAL	17851.8	31146.4	70.7
ANNUAL MEAN	48.8	85.3	136
HIGHEST ANNUAL MEAN			17.7
LOWEST ANNUAL MEAN			1991
HIGHEST DAILY MEAN	2380	1990	5750
LOWEST DAILY MEAN	1.1	1.2	.88
ANNUAL SEVEN-DAY MINIMUM	1.5	1.8	.92
MAXIMUM PEAK FLOW		3810	11600
MAXIMUM PEAK STAGE		9.03	11.76
ANNUAL RUNOFF (CFSM)	1.00	1.74	1.44
ANNUAL RUNOFF (INCHES)	13.55	23.65	19.61
10 PERCENT EXCEEDS	85	161	144
50 PERCENT EXCEEDS	9.2	38	25
90 PERCENT EXCEEDS	1.9	3.4	4.9

e Estimated

TENNESSEE RIVER BASIN

03576250 LIMESTONE CREEK NEAR ATHENS, AL

LOCATION.--Lat 34°45'06", long 86°49'24", in SW¹/₄ sec. 26, T. 3 S., R. 3 W., Limestone County, Hydrologic Unit 06030002, on downstream side of U.S. Highway 72 bridge, 9 mi east of Athens, 12 mi west of Huntsville, and at mile 17.0.

DRAINAGE AREA.--119 mi².

PERIOD OF RECORD.--October 1939 to September 1970. October 1970 to September 1985 (annual peak discharge only). October 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is 626.34 ft above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 23, 1990 reached a stage of 15.20 ft, discharge, 26,700 ft³/s.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	11	33	71	279	269	167	79	632	666	120	90
2	15	11	31	67	230	241	156	75	433	217	88	500
3	14	11	30	64	202	229	181	70	248	153	76	577
4	14	13	29	63	185	244	319	65	342	362	82	286
5	13	14	29	63	173	244	601	59	294	1810	102	197
6	13	14	28	62	163	212	332	57	201	1620	70	152
7	12	17	28	62	153	187	236	55	1290	419	57	129
8	12	31	27	60	144	173	198	1060	2800	261	107	146
9	12	298	27	57	156	163	177	529	1050	202	186	118
10	13	101	27	54	385	153	161	308	445	434	1080	116
11	13	48	27	54	294	146	146	199	315	292	1130	107
12	13	36	26	60	251	227	169	379	260	200	363	91
13	13	31	32	64	271	313	2020	235	218	158	503	82
14	12	29	71	62	391	238	1080	151	202	131	573	70
15	12	27	95	60	633	628	577	122	196	113	266	62
16	12	31	1110	58	1730	531	440	104	217	99	178	56
17	12	36	1760	57	2990	325	292	91	174	87	140	52
18	12	36	472	241	878	256	230	81	148	79	116	48
19	12	33	257	3100	511	243	199	90	131	74	106	167
20	12	31	189	1800	389	3300	177	125	119	75	99	626
21	13	28	156	599	331	1810	160	104	113	88	87	192
22	13	27	135	384	374	606	146	101	120	83	74	111
23	13	26	116	302	317	408	132	106	105	73	65	98
24	13	31	106	259	269	320	129	101	93	67	59	414
25	13	47	99	225	1120	265	125	98	87	90	54	237
26	13	56	92	200	685	227	113	83	84	284	50	145
27	12	48	90	187	389	201	104	73	75	87	46	109
28	11	41	96	173	314	184	97	581	234	72	66	91
29	11	37	93	212	---	174	90	1440	208	72	57	78
30	12	34	83	789	---	170	84	313	521	427	61	66
31	11	---	76	446	---	165	---	300	---	208	68	---
TOTAL	391	1234	5470	9955	14207	12852	9038	7234	11355	9003	6129	5213
MEAN	12.6	41.1	176	321	507	415	301	233	378	290	198	174
MAX	15	298	1760	3100	2990	3300	2020	1440	2800	1810	1130	626
MIN	11	11	26	54	144	146	84	55	75	67	46	48
CFSM	.11	.35	1.48	2.70	4.26	3.48	2.53	1.96	3.18	2.44	1.66	1.46
IN.	.12	.39	1.71	3.11	4.44	4.02	2.83	2.26	3.55	2.81	1.92	1.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2001, BY WATER YEAR (WY)

MEAN	42.1	108	241	399	457	418	294	147	88.7	87.9	53.7	49.4
MAX	192	809	925	1181	1167	1052	736	478	395	379	329	184
(WY)	1998	1958	1952	1949	1951	1963	1964	1958	1997	1967	1967	1950
MIN	11.6	14.1	22.0	25.3	101	52.5	55.0	21.4	16.9	18.5	11.9	9.24
(WY)	1954	1954	1940	1940	1941	1962	1966	1941	1941	2000	1954	1954

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1940 - 2001

ANNUAL TOTAL	48583	92081	198
ANNUAL MEAN	133	252	346
HIGHEST ANNUAL MEAN			79.4
LOWEST ANNUAL MEAN			1949
HIGHEST DAILY MEAN	4180	3300	14200
LOWEST DAILY MEAN	11	11	8.0
ANNUAL SEVEN-DAY MINIMUM	11	11	8.8
MAXIMUM PEAK FLOW		5180	45800
MAXIMUM PEAK STAGE		9.36	17.48
ANNUAL RUNOFF (CFSM)	1.12	2.12	1.66
ANNUAL RUNOFF (INCHES)	15.19	28.78	22.56
10 PERCENT EXCEEDS	253	530	427
50 PERCENT EXCEEDS	38	119	68
90 PERCENT EXCEEDS	13	15	18

TENNESSEE RIVER BASIN
TENNESSEE RIVER MAIN STEM

03577150 TENNESSEE RIVER AT DECATUR, AL

LOCATION.—Lat 34°36'47", long 86°58'26", NE 1/4 sec. 17, T. 5 S., R. 4 W., Morgan County, Hydrologic Unit 06030002, on left bank at downstream side of Keller Memorial Bridge on U.S. Highway 31 in Decatur, 3.8 mi downstream from Flint Creek, 30 mi upstream of Wheeler Dam, and at mile 305.1.

DRAINAGE AREA.—26,900 mi².

PERIOD OF RECORD.—December 1926 to current year (gage heights). October 1990 to current year in reports of Geological Survey. Records for December 1926 to September 1990 in files of Tennessee Valley Authority.

GAGE.—Water-stage recorder. Datum of gage is 549.00 ft above sea level.

REMARKS.—Records good. Gage heights affected by Wheeler Lake since October 1936.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage height (prior to October 1936), 8.5 ft, date unknown, maximum gage height (since October 1936), 9.97 ft, Mar. 18, 1973; minimum gage height (since October 1936), -0.10 ft, Dec. 8, 1962.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum gage height known (from TVA records), 14.8 ft, Mar. 15, 1867.

EXTREMES FOR CURRENT YEAR.—Maximum gage height, 8.07 ft, Aug. 13; minimum gage height, 0.17 ft, Dec. 12.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.91	2.65	1.64	2.15	3.60	4.17	3.68	6.61	6.65	6.88	6.66	5.43
2	5.57	2.95	1.69	2.00	3.93	3.70	3.32	6.22	6.78	6.98	6.48	5.85
3	5.22	2.75	1.34	1.47	3.48	3.94	3.36	6.01	7.17	6.70	6.44	6.40
4	4.80	2.58	1.35	1.57	3.62	4.87	3.69	5.95	6.95	6.31	6.80	6.98
5	4.12	2.33	1.35	1.82	3.23	4.58	4.53	5.98	6.77	6.70	7.39	6.83
6	4.00	2.21	1.39	2.06	2.24	3.76	5.50	6.08	6.63	6.99	7.36	6.27
7	4.14	2.55	1.47	2.11	1.91	2.69	6.07	6.12	7.03	7.07	7.07	5.99
8	4.47	2.40	1.46	2.24	2.13	2.11	6.28	6.40	7.07	7.13	6.66	5.88
9	4.64	3.31	1.33	2.28	2.15	2.02	6.36	6.67	6.96	7.05	6.00	5.26
10	4.24	4.29	1.41	2.18	2.45	2.32	6.15	6.71	7.03	6.94	6.22	5.10
11	3.78	4.10	1.37	1.95	3.21	2.50	6.02	6.63	6.87	6.94	7.65	5.09
12	---	3.99	.43	1.92	3.56	2.55	6.10	6.66	7.04	6.82	7.60	5.03
13	---	4.05	1.05	2.05	3.11	3.02	6.59	6.90	6.82	6.53	7.68	4.96
14	4.34	3.62	2.12	2.11	3.28	3.51	7.10	6.94	6.47	6.14	7.61	5.09
15	4.76	3.22	2.70	2.19	4.32	3.76	6.84	6.82	6.18	6.36	7.76	5.46
16	4.44	3.07	3.02	2.20	5.57	4.18	6.92	6.50	6.28	6.62	7.09	5.72
17	3.48	2.94	2.90	2.27	6.40	4.45	7.24	6.09	6.54	6.75	6.42	5.80
18	2.98	2.70	4.12	2.60	7.12	4.81	6.85	6.14	6.63	6.45	6.08	5.38
19	2.65	2.98	5.44	4.39	6.90	4.62	6.64	6.19	6.74	6.35	6.26	5.29
20	2.76	2.88	5.58	6.11	6.83	4.94	6.11	6.23	6.46	6.22	6.50	5.54
21	2.96	1.95	4.95	7.53	6.82	6.72	6.07	6.17	6.19	6.16	6.95	5.24
22	3.12	1.96	3.73	7.45	6.76	7.20	6.43	6.12	5.93	6.48	7.03	4.80
23	3.27	2.23	3.04	6.98	6.52	7.14	6.56	6.15	5.98	6.89	6.60	4.52
24	3.22	2.28	3.44	6.09	5.94	7.08	6.51	6.20	6.21	7.15	5.91	4.61
25	3.17	2.77	3.45	4.91	5.57	6.58	6.66	6.17	6.57	6.95	5.03	5.00
26	2.96	3.07	3.55	3.64	5.39	5.81	6.75	6.19	6.93	6.67	5.39	5.01
27	2.82	2.90	3.32	3.47	5.02	4.88	6.85	6.28	6.66	6.49	5.67	4.72
28	2.36	2.20	2.53	3.24	4.44	3.63	6.95	6.61	6.43	6.44	5.88	4.40
29	2.54	2.14	1.87	3.24	---	3.25	6.99	7.16	6.43	6.65	5.72	4.24
30	2.87	1.97	1.72	3.50	---	3.17	6.93	7.29	6.45	6.94	5.35	4.59
31	2.68	---	1.77	3.63	---	3.12	---	6.72	---	6.95	5.40	---
MEAN	---	2.83	2.47	3.27	4.48	4.23	6.07	6.42	6.63	6.70	6.54	5.35
MAX	---	4.29	5.58	7.53	7.12	7.20	7.24	7.29	7.17	7.15	7.76	6.98
MIN	---	1.95	.43	1.47	1.91	2.02	3.32	5.95	5.93	6.14	5.03	4.24

TENNESSEE RIVER BASIN

03586500 BIG NANCE CREEK AT COURTLAND, AL

LOCATION.--Lat 34°40'12", long 87°19'02", in SW¹/₄ sec. 30, T. 4 S., R. 7 W., Lawrence County, Hydrologic Unit 06030005, near right bank on downstream side of bridge on County Road 25 at Courtland, and at mile 12.9.

DRAINAGE AREA.--166 mi².

PERIOD OF RECORD.--September 1935 to September 1940, April 1945 to September 1981, March 1988 to current year.

REVISED RECORDS.--WSP 1033: 1939, 1940(M). WSP 1053: 1939(M). WSP 1306: 1936(M).

GAGE.--Water-stage recorder. Datum of gage is 537.60 ft above sea level. July 25, 1935 to Sept. 30, 1940, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.98	.57	20	55	342	318	161	70	1390	566	30	40
2	.99	.54	17	50	253	264	158	65	1270	264	27	405
3	.97	.51	13	47	208	238	147	62	415	153	25	2110
4	.95	.54	12	51	177	352	637	57	306	135	23	1780
5	.92	.53	12	49	160	337	1530	54	792	247	24	433
6	.91	.50	11	46	145	236	786	52	506	994	25	231
7	.89	.52	11	46	131	196	354	49	1360	341	24	158
8	.84	8.6	10	44	121	171	261	143	4050	167	26	119
9	.82	755	10	43	117	155	218	288	3390	120	25	99
10	.81	361	10	40	459	140	188	364	880	108	68	219
11	.80	56	11	37	381	129	162	193	457	295	341	180
12	.78	18	12	38	285	182	252	118	371	263	112	103
13	.78	10	14	48	890	849	1170	87	312	157	498	77
14	.76	6.5	71	50	1320	381	1170	70	263	104	1110	64
15	.75	4.1	130	47	843	908	529	59	253	80	277	54
16	.75	3.8	1280	45	1260	1260	484	52	413	67	127	48
17	.75	5.8	1980	44	2560	477	336	47	252	59	85	43
18	.76	11	869	390	2400	326	255	42	156	54	67	39
19	.77	9.2	355	2690	687	261	207	40	124	48	56	37
20	.78	6.0	255	4840	480	1330	170	39	106	44	49	43
21	.81	4.2	185	2920	404	3530	149	41	92	62	41	48
22	.85	3.1	155	649	599	1910	133	40	85	58	36	40
23	.88	2.7	123	441	623	579	118	38	85	47	32	34
24	.91	5.7	103	373	390	434	116	38	79	52	28	32
25	.93	323	96	322	775	359	131	36	70	108	26	47
26	.84	287	85	270	1050	289	111	46	64	57	24	41
27	.76	113	79	223	451	237	96	37	207	42	22	31
28	.71	60	80	183	373	200	87	460	114	37	62	27
29	.67	36	81	167	---	180	80	1770	193	34	65	25
30	.65	25	70	1060	---	171	74	849	157	37	36	23
31	.61	---	61	729	---	165	---	402	---	33	30	---
TOTAL	25.38	2118.41	6221	16037	17884	16564	10270	5708	18212	4833	3421	6630
MEAN	.82	70.6	201	517	639	534	342	184	607	156	110	221
MAX	.99	755	1980	4840	2560	3530	1530	1770	4050	994	1110	2110
MIN	.61	.50	10	37	117	129	74	36	64	33	22	23
CFSM	.00	.43	1.21	3.12	3.85	3.22	2.06	1.11	3.66	.94	.66	1.33
IN.	.01	.47	1.39	3.59	4.01	3.71	2.30	1.28	4.08	1.08	.77	1.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2001, BY WATER YEAR (WY)

	MEAN	73.5	148	344	589	622	632	405	204	132	86.6	51.0	61.0
MAX	1481	1170	1704	1702	1523	1775	1130	1046	1202	640	323	569	
(WY)	1976	1958	1991	1949	1991	1973	1970	1991	1997	1940	1938	1979	
MIN	.52	1.87	2.96	8.56	103	69.1	88.0	18.2	4.49	1.68	1.65	1.03	
(WY)	1956	1940	1940	1956	1968	1988	1978	1988	1988	1954	1988	1947	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1935 - 2001
ANNUAL TOTAL	58206.42	107923.79	
ANNUAL MEAN	159	296	280
HIGHEST ANNUAL MEAN			580
LOWEST ANNUAL MEAN			97.9
HIGHEST DAILY MEAN	5640	4840	18400
LOWEST DAILY MEAN	.50	.50	.40
ANNUAL SEVEN-DAY MINIMUM	.53	.53	.41
MAXIMUM PEAK FLOW		5190	27200
MAXIMUM PEAK STAGE		17.63	24.97
ANNUAL RUNOFF (CFSM)	.96	1.78	1.69
ANNUAL RUNOFF (INCHES)	13.04	24.19	22.91
10 PERCENT EXCEEDS	357	788	618
50 PERCENT EXCEEDS	23	87	70
90 PERCENT EXCEEDS	.93	.98	4.8

TENNESSEE RIVER BASIN
TENNESSEE RIVER MAIN STEM
03589500 TENNESSEE RIVER AT FLORENCE, AL

LOCATION.--Lat 34°47'13", long 87°40'12", in SW¹/₄ sec. 14, T. 3 S., R. 11 W., Lauderdale County, Hydrologic Unit 06030005, on right bank at lower end of Patton Island, 137 ft upstream from Southern Railway bridge, 700 ft upstream from O'Neal Bridge on U.S. Highway 72, 1.1 mi south of Florence Post Office, 1.7 mi upstream from Cypress Creek, 2.7 mi downstream from Wilson Dam, and at mile 256.7.

DRAINAGE AREA.--30,810 mi², approximately.

PERIOD OF RECORD.--November 1871 to September 1894 (gage heights only), October 1894 to September 1997. October 1997 to current year (gage height only). October 1999 to current year.

REVISED RECORD.--WSP 473: 1897(M). WSP 1306: 1914(M), 1936 (monthly runoff). WSP 1436: 1897, 1899, 1916.

GAGE.--Water-stage recorder. Datum of gage is 401.12 ft above sea level. Prior to Apr. 1, 1926, several National Weather Service staff gages at or near Southern Railway bridge 137 ft downstream at same datum. Apr. 1, 1926, to Mar. 11, 1958, water-stage recorder on left bank at lower end of old lock and dam, 1,400 ft upstream at same datum. Since Oct. 1, 1938, auxiliary water-stage recorder 15.2 mi downstream.

REMARKS.--Slight regulation since 1924 by Wilson Lake and increasing regulation since 1936 as other reservoirs have been built above station. Flow now almost completely regulated.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27200	30700	44900	17400	33700	105000	20400	40200	34300	25000	54400	25600
2	46700	34000	16800	58500	61700	100000	42200	32900	22700	44100	54300	26900
3	55800	33600	17400	24400	39500	34900	22700	22800	40100	37900	46800	31600
4	65100	23100	43900	15900	19700	48000	15100	26000	56500	27000	28400	67800
5	56200	19500	20800	16200	50000	65000	15000	15900	41000	28300	32500	65000
6	25100	20900	22500	14200	47400	73400	16900	16900	31200	67200	56400	71700
7	20300	27800	23800	12700	35800	71900	18900	21100	57200	40200	50200	44500
8	19300	32400	17300	15400	18800	57800	21800	18600	73600	32000	55700	46700
9	47200	35400	15700	14700	30300	41500	30600	27200	60700	46700	48200	44000
10	54500	59000	17400	34200	14400	17200	34000	27100	61800	31900	35500	41300
11	26600	54700	18500	22000	21900	17000	16000	34600	49000	34900	70500	38900
12	29600	24200	23300	16500	63700	31800	14000	18500	43400	34200	69400	48500
13	33800	58500	16300	14300	32300	28200	32000	15100	39100	37900	62400	48700
14	16900	54000	19500	12400	29800	48900	51000	29400	37700	18100	65000	36200
15	19800	53000	13200	16600	48500	63200	57500	26600	29000	16400	60900	12900
16	56900	47000	13500	16300	75200	74200	44400	46600	23300	31700	71400	16200
17	47100	45000	43100	12900	151000	45400	59300	24500	29400	30400	75000	45000
18	47300	42000	50100	18000	134000	49500	55100	20200	26600	28300	36500	55800
19	31600	21000	82700	75700	148000	64300	55400	20200	33700	24500	37200	33500
20	39400	53700	81000	100000	115000	77400	43400	17600	32100	22700	33900	39100
21	20200	59700	81900	145000	116000	98500	18700	23300	32700	17800	34500	57900
22	18500	37100	78200	139000	117000	94100	14000	22100	27300	14500	55200	40800
23	47100	18600	45700	99100	116000	92700	38600	18400	17700	20900	50200	31100
24	40800	14700	24100	103000	115000	56600	23300	22600	16100	30400	63200	44300
25	56500	18400	24400	93800	118000	56600	18000	18100	18100	29300	36300	38200
26	36700	18400	46400	88600	118000	71200	17500	15800	29300	25000	36500	42800
27	45100	30500	63600	55900	116000	66100	16600	17000	32200	26600	45300	31900
28	22200	33700	62600	42400	117000	72800	16100	14400	27800	18300	45800	39800
29	17000	23800	43500	52800	---	47300	13500	49100	44500	22900	55100	15100
30	26500	55900	19000	61300	---	53900	33600	59300	23800	46300	48700	17400
31	41200	---	17900	60300	---	17700	---	45100	---	60100	40000	---
TOTAL	1138200	1080300	1109000	1469500	2103700	1842100	875600	807200	1091900	971500	1555400	1199200
MEAN	36720	36010	35770	47400	75130	59420	29190	26040	36400	31340	50170	39970
MAX	65100	59700	82700	145000	151000	105000	59300	59300	73600	67200	75000	71700
MIN	16900	14700	13200	12400	14400	17000	13500	14400	16100	14500	28400	12900
CFM	1.19	1.17	1.16	1.54	2.44	1.93	.95	.85	1.18	1.02	1.63	1.30
IN.	1.37	1.30	1.34	1.77	2.54	2.22	1.06	.97	1.32	1.17	1.88	1.45

TENNESSEE RIVER BASIN
TENNESSEE RIVER MAIN STEM
03589500 TENNESSEE RIVER AT FLORENCE, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

MEAN	34130	43260	64570	81040	87660	80490	51950	42850	36980	35820	35990	33240
MAX	100800	136400	144200	200300	207300	163900	151400	150700	101300	81530	58260	64550
(WY)	1990	1958	1992	1974	1957	1973	1994	1984	1989	1989	1967	1950
MIN	13660	13440	12840	13730	26710	25060	14010	13920	16060	20610	21680	14060
(WY)	1940	1940	1940	1940	1941	1988	1966	1981	1941	1988	1986	1968

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1937 - 2001		
ANNUAL TOTAL	13941800			15243600					
ANNUAL MEAN	38090			41760			52190		
HIGHEST ANNUAL MEAN							80210		
LOWEST ANNUAL MEAN							26870		
HIGHEST DAILY MEAN	225000	Apr	6	151000	Feb	17	490000	Mar	17 1973
LOWEST DAILY MEAN	13100	Jan	9	12400	Jan	14	105	Sep	7 1969
ANNUAL SEVEN-DAY MINIMUM	17400	Dec	10	15300	Jan	12	8600	Apr	16 1966
MAXIMUM PEAK FLOW				206000	Feb	17	530000	Mar	17 1973
MAXIMUM PEAK STAGE				19.79	Feb	17	32.50	Mar	19 1897
ANNUAL RUNOFF (CFSM)	1.24			1.36			1.69		
ANNUAL RUNOFF (INCHES)	16.83			18.41			23.01		
10 PERCENT EXCEEDS	58300			72300			100000		
50 PERCENT EXCEEDS	33000			34900			39500		
90 PERCENT EXCEEDS	19400			16700			20400		

TENNESSEE RIVER BASIN
TENNESSEE RIVER MAIN STEM
03589500 TENNESSEE RIVER AT FLORENCE, AL--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.58	8.46	9.45	---	9.72	12.40	12.35	13.23	13.66	13.38	13.35	11.92
2	10.55	8.37	7.97	---	10.34	12.10	12.62	12.89	12.92	13.29	13.26	12.34
3	10.73	8.72	8.04	9.08	9.42	9.53	12.46	12.41	12.89	12.96	12.88	12.89
4	11.01	8.50	9.31	8.39	8.42	9.29	12.68	12.30	13.38	12.94	12.20	13.71
5	10.90	8.54	8.45	8.35	9.87	10.54	12.90	12.06	13.33	13.22	12.16	13.41
6	9.59	8.44	8.19	8.21	9.52	10.51	12.38	11.94	13.41	15.01	12.99	13.36
7	9.34	8.46	8.38	8.05	9.00	10.33	11.98	12.06	14.34	14.50	13.09	12.17
8	9.25	8.79	8.30	8.02	8.20	9.81	12.13	12.20	15.35	13.77	13.50	11.73
9	10.27	9.14	8.20	7.90	8.87	9.64	12.41	12.66	15.88	13.05	13.71	11.73
10	10.49	9.97	8.28	8.86	8.32	9.16	---	13.19	16.28	12.08	12.88	11.76
11	9.73	10.01	8.34	8.64	8.51	8.96	---	13.85	15.59	12.78	13.81	11.27
12	10.05	9.61	8.36	8.51	10.39	9.73	---	13.85	14.27	12.76	14.92	11.58
13	10.06	10.83	7.94	8.43	9.18	9.94	---	13.71	13.57	13.02	14.75	11.81
14	9.43	---	8.27	8.33	9.58	10.20	13.83	13.80	12.97	12.94	15.09	11.27
15	9.25	---	8.27	8.40	10.86	10.79	14.94	13.61	12.71	12.70	14.62	10.61
16	10.65	---	---	8.46	12.77	11.44	14.70	14.05	12.62	12.77	14.69	10.21
17	10.18	---	11.29	8.41	17.79	10.74	14.80	13.46	12.78	12.58	14.70	11.12
18	9.92	---	11.72	8.53	17.87	11.19	14.61	12.99	12.75	12.75	13.60	12.02
19	9.58	---	12.22	11.56	18.47	11.37	14.45	12.66	12.65	12.77	13.30	11.46
20	10.03	---	12.11	13.46	16.76	12.37	13.79	12.61	12.87	12.89	13.04	11.35
21	9.47	10.39	12.24	15.60	15.54	14.02	12.99	12.83	13.03	12.79	12.73	12.17
22	9.39	9.23	12.12	16.34	14.94	14.51	13.21	13.03	13.02	12.48	12.61	11.92
23	10.27	8.02	10.79	14.57	14.28	15.14	13.50	12.83	12.85	12.26	12.36	11.91
24	9.63	7.97	9.73	14.23	13.93	14.15	13.20	12.82	12.68	12.22	13.03	12.52
25	10.08	8.11	9.75	13.41	14.04	14.01	12.98	12.75	12.36	12.55	12.45	11.27
26	9.13	7.79	10.04	13.54	14.10	14.31	13.03	12.60	12.16	12.70	12.27	11.54
27	9.43	8.56	10.51	11.85	13.82	13.94	12.98	12.38	12.51	12.95	12.53	11.50
28	9.06	9.22	10.46	10.54	13.40	14.13	12.88	12.24	12.69	12.99	12.40	11.43
29	8.89	8.80	9.44	10.43	---	13.27	12.76	13.36	13.53	12.75	12.65	10.87
30	8.86	9.85	8.34	10.82	---	13.56	12.95	14.00	13.66	13.05	12.64	10.81
31	9.18	---	---	11.10	---	12.43	---	13.97	---	13.32	12.16	---
MEAN	9.81	---	---	---	12.07	11.73	---	12.98	13.42	12.97	13.24	11.79
MAX	11.01	---	---	---	18.47	15.14	---	14.05	16.28	15.01	15.09	13.71
MIN	8.86	---	---	---	8.20	8.96	---	11.94	12.16	12.08	12.16	10.21

TENNESSEE RIVER BASIN
TENNESSEE RIVER MAIN STEM
03590680 TENNESSEE RIVER AT SMITHSONIA, AL

LOCATION.--Lat 34°47'20", long 87°53'10", in SW¹/₄ sec. 14, T. 3 S., R. 13 W., Lauderdale County, Hydrologic Unit 06030005, on right bank, 0.5 mi southwest of Smithsonia, at river mile 241.5.

DRAINAGE AREA.--31,350 mi², approximately.

PERIOD OF RECORD.--October 1938 to current year (gage height only). October 1998 to current year in reports of Geological Survey. Records for October 1938 to September 1998 in file of Tennessee Valley Authority.

GAGE.--Water-stage recorder. Datum of gage is 401.12 ft above sea level.

REMARKS.--Records good. Slight regulation since 1924 by Wilson Lake and increasing regulation since 1936 as other reservoirs have been built above and below station. Flow now almost completely regulated.

EXTREMES FOR PERIOD SINCE OCTOBER 1998.--Maximum gage height, 16.05 ft, Apr. 6, 2000; minimum gage height, 6.92 ft, Mar. 8, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.82 ft, June 10; minimum gage height, 6.92 ft, Mar. 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.05	7.63	8.06	7.99	8.93	8.34	12.07	12.58	13.29	13.15	12.28	11.66
2	9.34	7.44	7.73	8.25	8.41	8.77	11.84	12.43	12.73	12.55	12.17	12.02
3	9.15	7.87	7.78	8.57	8.29	8.29	12.14	12.20	12.26	12.38	11.98	12.45
4	9.04	8.11	8.02	8.14	8.04	7.69	12.49	11.98	12.30	12.64	11.79	12.33
5	9.37	8.24	8.05	8.10	8.36	8.04	12.72	11.94	12.70	12.93	11.64	12.03
6	9.14	8.08	7.71	8.02	8.08	7.75	12.26	11.80	12.99	14.04	11.87	11.80
7	9.05	7.91	7.88	7.90	7.90	7.62	11.82	11.87	13.41	13.97	12.15	11.27
8	8.99	8.05	8.03	7.83	7.78	7.75	11.93	12.04	14.21	13.37	12.43	10.72
9	9.08	8.33	7.98	7.69	7.99	8.40	11.98	12.40	15.06	12.20	12.85	10.74
10	9.00	8.05	8.01	7.94	8.03	8.81	11.84	12.93	15.49	11.61	12.33	10.92
11	9.19	8.41	8.05	8.20	7.94	8.61	11.65	13.47	14.96	12.23	12.42	10.50
12	9.47	9.23	7.89	8.29	8.11	8.86	11.60	13.72	13.65	12.25	13.84	10.47
13	9.41	9.27	7.63	8.25	8.27	9.33	12.26	13.62	12.98	12.51	13.65	10.72
14	9.24	8.86	7.96	8.19	8.91	8.79	13.10	13.49	12.33	12.82	14.03	10.59
15	8.96	8.50	8.09	8.16	9.62	8.73	14.26	13.34	12.33	12.57	13.63	10.49
16	9.06	8.47	8.68	8.24	10.83	9.07	14.22	13.34	12.38	12.31	13.47	10.05
17	8.91	8.57	10.43	8.25	14.22	9.63	13.95	13.23	12.40	12.23	13.39	10.10
18	8.62	8.43	10.70	8.23	15.11	9.87	13.85	12.82	12.38	12.39	13.11	10.73
19	8.97	8.36	9.78	9.28	15.33	9.51	13.65	12.49	12.14	12.49	12.86	10.87
20	9.14	8.39	9.86	10.69	14.48	10.10	13.22	12.47	12.41	12.64	12.57	10.58
21	9.20	8.61	9.93	11.08	12.78	11.46	12.86	12.58	12.65	12.63	12.21	10.79
22	9.16	8.30	10.00	12.65	11.38	12.32	13.11	12.84	12.75	12.38	11.45	11.11
23	9.05	7.69	9.75	12.30	10.33	13.18	12.97	12.70	12.73	12.06	11.30	11.45
24	8.57	7.76	9.31	11.64	9.72	13.18	13.01	12.64	12.55	11.80	11.70	11.73
25	8.31	7.84	9.33	10.99	9.76	12.97	12.85	12.62	12.21	12.19	11.85	10.61
26	8.11	7.50	8.83	11.39	9.72	12.88	12.91	12.48	11.77	12.42	11.64	10.77
27	8.18	7.79	8.51	10.63	9.42	12.64	12.86	12.27	12.05	12.66	11.67	11.07
28	8.67	8.39	8.39	9.54	9.05	12.66	12.76	12.14	12.34	12.84	11.47	10.74
29	8.67	8.35	8.22	8.91	---	12.40	12.67	12.51	12.87	12.53	11.47	10.73
30	8.37	7.98	8.02	9.04	---	12.56	12.44	13.04	13.47	12.23	11.66	10.62
31	8.01	---	7.98	9.40	---	12.19	---	13.42	---	12.11	11.49	---
MEAN	8.92	8.21	8.60	9.15	9.89	10.08	12.71	12.69	12.93	12.55	12.33	11.02
MAX	9.47	9.27	10.70	12.65	15.33	13.18	14.26	13.72	15.49	14.04	14.03	12.45
MIN	8.01	7.44	7.63	7.69	7.78	7.62	11.60	11.80	11.77	11.61	11.30	10.05

WTR YR 2001 MEAN 10.76 MAX 15.49 MIN 7.44

TENNESSEE RIVER BASIN

LAKES AND RESERVOIRS IN TENNESSEE RIVER BASIN

03574000 GUNTERSVILLE LAKE NEAR GUNTERSVILLE, AL

LOCATION.--Lat 34°25'17", long 86°23'34", sec. 14, T. 7 S., R. 2 E., Marshall County, Hydrologic Unit 06030001, in powerhouse at Guntersville Dam on Tennessee River, 11 mi northwest of Guntersville, and at mile 349.0.

DRAINAGE AREA.--24,450 mi², approximately.

PERIOD OF RECORD.--October 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level.

REMARKS.--Reservoir is formed by concrete dam with riprapped earth embankments. Spillway equipped with 18 two-section lift gates 40.44 ft high by 50 ft wide. Dam completed and storage began Jan. 16, 1939; water in reservoir first reached minimum navigation pool elevation Jan. 27, 1939. Total level pool capacity at elevation 595.44 ft (top of gates) is 530,400 ft³/s-day, of which 86,900 ft³/s-day is controlled flood storage above elevation 593.00 ft (minimum navigation pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority. Contents in ft³/s-days based on backwater profile.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation 596.29 ft, Mar. 2, 1944; minimum (after start of operation plan in April 1940), 590.65 ft, Nov. 12, 1968.

EXTREMES FOR CURRENT YEAR: Maximum midnight contents during year, 522,800 ft³/s-day, Jan. 20; maximum elevation, 595.54 ft, May 29; minimum midnight contents, 454,900 ft³/s-day, Feb. 3; minimum elevation, 592.94 ft, Mar. 12.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (ft ³ /s-day)	Change in contents	
			(ft ³ /s-day)	(equivalent in cubic feet per second)
Sept. 30	594.14	490,400	--	--
Oct. 31	593.78	474,000	-16,400	-529
Nov. 30	593.95	479,400	+5,400	+180
Dec. 31	593.67	465,300	-14,100	-455
CAL YR 2000			+700	+2
Jan. 31	593.98	479,400	+14,100	+455
Feb. 28	593.77	499,200	+19,800	+707
Mar. 31	593.73	468,400	-30,800	-994
Apr. 30	594.86	502,800	+34,400	+1,150
May 31	594.83	503,900	+1,100	+35
June 30	594.81	505,100	+1,200	+40
July 31	594.54	507,600	+2,500	+81
Aug. 31	594.15	490,200	-17,400	-561
Sept. 30	594.58	504,900	+14,700	+490
WTR YR 2001			+14,500	+40

TENNESSEE RIVER BASIN

LAKES AND RESERVOIRS IN TENNESSEE RIVER BASIN--Continued

03586000 WHEELER LAKE NEAR DECATUR, AL

LOCATION.--Lat 34°47'52", long 87°22'51", SW $\frac{1}{4}$ sec. 9, T. 3 S., R. 8 W., Lawrence County, Hydrologic Unit 06030005, at Wheeler Dam on Tennessee River, 0.8 mi upstream from Big Nance Creek, 30.1 mi downstream from Decatur, 74.1 mi downstream from Guntersville Dam, and at mile 274.9.

DRAINAGE AREA.--29,590 mi², approximately.

PERIOD OF RECORD.--September 1936 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level.

REMARKS.--Reservoir is formed by concrete dam with 60 radial gates 15 ft high by 40 ft wide and 2 trashway gates 6 ft high by 37.5 ft wide. Storage began Oct. 3, 1936; water in reservoir first reached minimum pool elevation Dec. 10, 1936. Total level pool capacity at elevation 556.28 ft (top of gates) is 540,000 ft³/s-day of which 177,000 ft³/s-day is controlled flood storage above elevation 550.00 ft (ordinary minimum pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority. Contents in ft³/s-days based on backwater profile.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation 557.32 ft, Mar. 1, 1944; minimum (after start of operation plan in August 1937), 548.43 ft, Dec. 9, 1962.

EXTREMES FOR CURRENT YEAR.--Maximum midnight contents during year, 574,000 ft³/s-day, Jan. 21; maximum elevation 556.35 ft, June 9, minimum midnight contents, 370,900 ft³/s-day, Dec. 4; minimum elevation, 550.01 ft, Dec. 5.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (ft ³ /s-day)	Change in contents	
			(ft ³ /s-day)	(equivalent in cubic feet per second)
Sept. 30	554.95	497,900	--	--
Oct. 31	551.12	394,000	-103,900	-3,350
Nov. 30	551.12	391,200	-2,800	-93
Dec. 31	551.01	386,200	-5,000	-161
CAL YR 2000			+5,200	+14
Jan. 31	552.27	420,900	+34,700	+1,120
Feb. 28	552.83	456,900	+36,000	+1,290
Mar. 31	552.56	424,600	-32,300	-1,040
Apr. 30	555.88	523,200	+98,600	+3,290
May 31	555.70	517,200	-6,000	-194
June 30	555.84	523,100	+5,900	+197
July 31	555.27	514,400	-8,700	-281
Aug. 31	553.81	472,500	-41,900	-1,350
Sept. 30	553.44	454,300	-18,200	-607
WTR YR 2001			-43,600	-119

TENNESSEE RIVER BASIN

LAKES AND RESERVOIRS IN TENNESSEE RIVER BASIN--Continued

03589000 WILSON LAKE NEAR FLORENCE, AL

LOCATION.--Lat 34°47'46", long 87°37'27", in SE¹/₄ sec. 18, T. 3 S., R. 10 W., Colbert County, Hydrologic Unit 06030005, at cooling-water intake at Wilson Dam on Tennessee River, 2.9 mi southeast of Florence, 4.1 mi upstream from Cypress Creek, 15.5 mi downstream from Wheeler Dam, and at mile 259.4.

DRAINAGE AREA.--30,750 mi², approximately.

PERIOD OF RECORD.--April 1924 to current year. Prior to August 1926 monthend contents only, published in WSP 1306.

GAGE.--Water-stage recorder. Datum of gage is sea level.

REMARKS.--Reservoir is formed by concrete gravity dam with fixed ogee crest. Spillway equipped with 58 Stoney gates 20.54 ft high by 38 ft wide. Storage began Apr. 14, 1924. Revised capacity table used after Dec. 31, 1970. Total capacity at elevation 507.88 ft (top of gates) is 322,800 ft³/s-day of which 26,800 ft³/s-day is controlled flood storage above elevation 504.50 ft (minimum pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 329,800 ft³/s-day, Apr. 29, 1963; maximum elevation, 508.38 ft, May 19, 1983; minimum contents, 233,200 ft³/s-day, Apr. 6, 1927, elevation, 501.30 ft.

EXTREMES FOR CURRENT YEAR: Maximum contents during year, 323,200 ft³/s-day, July 6; elevation, 507.93 ft, July 6; minimum 296,700 ft³/s-day, Dec. 3, elevation 504.62 ft, Dec. 3.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (ft ³ /s-day)	Change in contents	
			(ft ³ /s-day)	(equivalent in cubic feet per second)
Sept. 30	507.43	319,100	--	--
Oct. 31	507.26	317,700	-1,400	-45
Nov. 30	505.39	302,700	-15,000	-500
Dec. 31	505.57	304,200	+1,500	+48
CAL YR 2000			-300	-1
Jan. 31	505.56	304,000	-200	-6
Feb. 28	505.26	302,500	-1,500	-54
Mar. 31	505.71	305,200	+2,700	+87
Apr. 30	507.34	318,500	+13,300	+443
May 31	506.46	311,400	-7,100	-229
June 30	507.15	316,900	+5,500	+183
July 31	507.29	317,900	-1,000	-32
Aug. 31	506.96	315,300	-2,600	-84
Sept. 30	507.35	318,600	+3,300	+110
WTR YR 2001			-500	+1

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or flood flow analyses, depending on the type of data collected. In addition, peak discharge information is gathered and discharge measurements are often made at miscellaneous sites not included in the partial-record program. This information is usually collected in times of drought or flood to give better areal coverage of those events.

Records collected at flood hydrograph partial-record stations are presented in the following tables. Annual maximum discharges for crest-stage partial-record stations, peak discharges at miscellaneous sites, discharge measurements made at low-flow partial-record sites, miscellaneous sites, and for special studies are given in separate tables as appropriate.

Flood hydrograph partial-record stations

The data given in the following tables generally comprise a description of the station and a table showing time, gage height, and discharge at selected times for major peaks that occurred during the year for flood hydrograph stations. Generally, information is given for peaks above base and other significant events throughout the year.

The description of the station gives the location, drainage area, period of record, type and history of gages, extremes of discharge, and general remarks. The explanation of data presented is identical to that for gaging stations.

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02420000 ALABAMA RIVER NEAR MONTGOMERY, AL

LOCATION.--Lat 32°24'41", long 86°24'30", in SW¹/₄NW¹/₄ sec. 31, T. 17 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, on pier near midstream of bridge on U.S. Highway 31, 4 mi upstream from Autauga Creek, 6 mi northwest of Montgomery, and at mile 287.6.

DRAINAGE AREA.--15,087 mi².

PERIOD OF RECORD.--January 1899 to December 1904 (gage heights only). October 1927 to September 1990. October 1990 to current year (flood hydrograph). Published as "at Montgomery" 1899-1903.

REVISED RECORDS.--WSP 1142: 1929. WDR AL-80-1: 1978. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 97.90 ft above sea level. January 1899 to December 1903, nonrecording gage at site 9.3 mi upstream at different datum (station 02419988). Auxiliary gage located 3.0 mi downstream on right bank for period Feb. 18, 1970 to Sept. 30, 1991. Mar. 27, 1951 to Feb. 17, 1970 National Weather Service nonrecording gage (station 02419988) used as auxiliary gage.

REMARKS.--Water-discharge records fair. Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers. (See Reservoirs in Mobile River basin.) Since January 1972, gage in pool of Robert F. Henry Lock and Dam.

AVERAGE DISCHARGE.--63 years (water years 1928-90), 23,890 ft³/s, 21.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 283,000 ft³/s, Feb. 26, 1961, maximum gage height, 60.65 ft, Feb. 27, 1961; minimum discharge prior to 1972, 2,180 ft³/s, Nov. 24, 1941, since 1972 negative flows for part of many days; minimum daily discharge (regulated), 255 ft³/s, June 8, 1975, minimum gage height, -2.2 ft, Sept. 26, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1833, 62.7 ft, Apr. 1, 1886, from floodmarks, discharge 322,000 ft³/s, from rating curve extended above 276,000 ft³/s. Flood of Mar. 30, 1888, reached a stage of 60.6 ft, from floodmarks, discharge, 283,000 ft³/s, from rating curve extended above 276,000 ft³/s. Elevations of floodmarks of both floods referred to National Weather Service gage 9.3 mi upstream and transferred to present site by gage height relation curve.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 128,000 ft³/s, Mar. 22, gage height, 40.09 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-02	2400	29.36	42,000	03-08	1200	30.22	48,000	03-18	1200	34.32	83,000
				03-08	2400	30.47	49,000	03-18	2400	32.97	72,000
03-03	1200	30.46	48,000								
03-03	2400	32.27	65,000	03-12	2400	30.95	53,000	03-19	1200	31.75	62,000
								03-19	2400	32.14	64,000
03-04	1200	34.10	81,000	03-13	1200	32.48	67,000				
03-04	2400	35.77	88,000	03-13	2400	32.61	67,000	03-20	1200	34.27	83,000
								03-20	2400	37.11	105,000
03-05	0600	36.63	101,000	03-14	1200	32.00	62,000				
03-05	1200	37.02	105,000	03-14	2400	32.59	67,000	03-21	1200	38.60	119,000
03-05	1800	37.27	106,000					03-21	2400	39.38	121,000
03-05	2000	37.33	107,000	03-15	1200	34.35	83,000				
03-05	2400	37.30	106,000	03-15	2400	36.18	99,000	03-22	0600	39.78	124,000
								03-22	1200	40.02	127,000
03-06	1200	36.24	100,000	03-16	1200	36.77	102,000	03-22	1700	40.09	128,000
03-06	2400	35.29	92,000	03-16	2400	36.50	100,000	03-22	2400	39.90	125,000
03-07	1200	33.59	76,000	03-17	1200	36.14	99,000	03-23	1200	39.35	122,000
03-07	2400	32.31	73,000	03-17	2400	35.48	94,000	03-23	2400	38.80	120,000

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

MOBILE RIVER BASIN

02420000 ALABAMA RIVER NEAR MONTGOMERY, AL--Continued

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-24	1200	37.77	108,000	04-03	2400	30.00	46,000	04-06	1800	38.55	116,000
03-24	2400	37.03	104,000					04-06	2400	38.27	114,000
				04-04	1200	34.65	86,000				
03-25	1200	36.38	101,000	04-04	2400	37.17	106,000	04-07	1200	36.85	104,000
03-25	2400	35.51	94,000					04-07	2400	35.03	89,000
				04-05	1200	38.21	114,000				
03-26	1200	34.02	81,000	04-05	2400	38.49	116,000	04-08	1200	32.99	73,000
03-26	2400	32.65	69,000					04-08	2400	30.57	50,000
				04-06	0600	38.65	117,000				
03-27	1200	31.56	58,000	04-06	0900	38.75	117,000	04-09	1200	29.00	43,000
03-27	2400	30.81	52,000	04-06	1200	38.64	117,000				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

MOBILE RIVER BASIN

02442500 LUXAPALLILA CREEK AT MILLPORT, AL

LOCATION.--Lat 33°34'30", long 88°05'00", in SW¹/₄ sec. 14, T. 17 S., R. 15 W., Lamar County, Hydrologic Unit 03160105, near left bank on downstream side of bridge on State Highway 17, 0.20 mi downstream from Driver Creek, 1.0 mi north of Millport, and at mile 31.6.

DRAINAGE AREA.--247 mi².

PERIOD OF RECORD.--August 1954 to September 1959, December 1980 to September 1986. October 1986 to current year (flood hydrograph only).

REVISED RECORDS.--WDR AL-82-1: 1981.

WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 243.65 ft above sea level.

REMARKS.--No estimated discharges. Records good.

AVERAGE DISCHARGE.--10 years (water years 1955-59, 1982-86), 370 ft³/s, 20.34 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,500 ft³/s, Dec. 24, 1990, gage height, 14.07 ft; minimum, 34 ft³/s, Sept. 15, 16, 20, 21, 1954.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan. 19	1730	5,180	12.06	Mar. 14	1530	5,340	12.17
Feb. 13	1330	4,930	11.88	Apr. 05	0130	4,230	11.18
Feb. 17	0500	4,820	11.77	June 08	1230	*5,900	*12.48
Mar. 12	2330	4,930	11.88				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-12	0600	4.04	546	03-15	0300	10.88	3,940	06-07	1745	11.75	4,800
03-12	1200	7.22	1,730	03-15	0600	11.62	4,670	06-07	1745	12.07	5,190
03-12	1400	10.26	3,410	03-15	1200	12.08	5,210				
03-12	1600	11.17	4,220	03-15	1530	12.17	5,340	06-08	0030	12.31	5,540
03-12	1800	11.56	4,610	03-15	1800	11.96	5,030	06-08	0830	12.41	5,710
03-12	2330	11.88	4,930	03-15	2400	10.49	3,580	06-08	0930	12.40	5,680
03-12	2400	11.85	4,900					06-08	1100	12.46	5,850
				03-16	0600	9.01	2,610	06-08	1200	12.41	5,710
03-13	0200	11.68	4,730	03-16	1200	7.95	2,050	06-08	1215	12.42	5,740
03-13	0600	10.55	3,630	03-16	1800	7.25	1,740	06-08	1230	12.48	5,900
03-13	1200	8.78	2,480	03-16	2400	6.76	1,540	06-08	1245	12.46	5,850
03-13	1800	7.56	1,870					06-08	1300	12.48	5,900
03-13	2400	6.81	1,560	03-17	1200	6.07	1,260	06-08	1400	12.47	5,880
				03-17	2400	5.68	1,110	06-08	1500	12.44	5,790
03-14	0600	6.32	1,370					06-08	1800	12.40	5,680
03-14	1200	5.96	1,220	06-07	0130	6.31	1,360	06-08	2015	12.20	5,380
03-14	1800	5.74	1,130	06-07	0300	8.63	2,400				
03-14	2100	5.80	1,150	06-07	0415	9.66	3,010	06-09	0330	11.70	4,750
03-14	2400	7.43	1,810	06-07	0600	10.49	3,580	06-09	0630	10.93	3,990
				06-07	0900	11.29	4,340	06-09	0945	9.88	3,160
								06-09	1500	8.45	2,300

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357526200 BIG COVE CREEK AT DUG HILL ROAD NEAR HUNTSVILLE, AL

LOCATION.--Lat 34°42'17", long 86°30'44", in SW¹/₄NW¹/₄ sec. 10, T. 45 S., R. 1 E., Madison County, Hydrologic Unit 0603002, at bridge on Dug Hill Road, 0.6 mi. east of Highway 431.

DRAINAGE AREA.--4.89 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 641.08 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,360 ft³/s, June 28, 1999, gage height, 12.20 ft.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 09	0600	518	8.55	June 04	2005	681	9.24
Jan. 19	0200	*966	*10.16	Aug. 10	1315	564	8.76
Mar. 20	0515	581	8.83	Aug. 11	0740	962	10.15

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
01-19	0005	6.25	171	06-04	1850	4.12	51	08-11	0630	4.26	55
01-19	0035	6.65	216	06-04	1920	5.73	124	08-11	0700	4.66	69
01-19	0055	7.27	292	06-04	1925	6.44	193	08-11	0710	5.33	97
01-19	0105	7.85	383	06-04	1930	6.96	250	08-11	0715	6.93	247
01-19	0110	8.18	443	06-04	1935	7.38	308	08-11	0720	8.36	479
01-19	0115	8.54	516	06-04	1940	7.94	399	08-11	0725	9.27	689
01-19	0120	8.87	590	06-04	1945	8.47	501	08-11	0730	9.79	835
01-19	0130	9.42	729	06-04	1950	8.89	595	08-11	0735	10.09	937
01-19	0140	9.84	850	06-04	1955	9.12	651	08-11	0740	10.15	962
01-19	0145	9.96	887	06-04	2000	9.22	676	08-11	0745	10.15	962
01-19	0150	10.09	937					08-11	0750	10.11	945
01-19	0155	10.11	945	06-04	2005	9.24	681	08-11	0755	9.95	884
01-19	0200	10.16	966	06-04	2010	9.22	676	08-11	0800	9.84	850
01-19	0205	10.12	949	06-04	2015	9.13	653	08-11	0805	9.65	794
01-19	0210	10.11	945	06-04	2030	8.79	571	08-11	0810	9.45	737
01-19	0220	10.01	904	06-04	2045	8.40	487	08-11	0815	9.23	679
01-19	0230	9.94	881	06-04	2105	8.03	415	08-11	0830	8.66	542
01-19	0300	9.54	762	06-04	2140	7.59	340	08-11	0845	8.21	449
01-19	0330	9.23	679	06-04	2235	7.03	259	08-11	0915	7.49	324
01-19	0455	8.72	555					08-11	0935	7.11	270
01-19	0705	7.99	408	06-05	0115	5.99	145	08-11	1150	5.81	130
01-19	0915	7.49	324	06-05	0640	5.17	90	08-11	1510	5.00	82

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357568650 ALDRIDGE CREEK AT TONEY DRIVE AT HUNTSVILLE, AL

LOCATION.--Lat 34°41'53", long 86°33'02", in SE¹/₄ sec. 8, T. 45 S., R. 1 E., Madison County, Hydrologic Unit 0603002, at bridge on Toney Drive, 0.2 mi east of Garth Road, 0.5 mi south of intersection of Drake Avenue and Garth Road.

DRAINAGE AREA.--1.41 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 653.62 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,320 ft³/s, June 28, 1999, gage height, 9.40 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 115 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 08	2355	618	5.96	May 28	1020	191	4.19
Jan. 19	0105	330	4.84	June 04	1900	*758	*6.39
Mar. 20	0425	385	5.07	June 29	2230	349	4.92
Apr. 04	1445	251	4.50	July 04	1805	289	4.67
				Aug. 10	1205	293	4.69

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2345	3.67	97	03-20	0405	4.83	327	06-04	1815	3.78	116
11-08	2350	5.46	480	03-20	0410	4.97	362	06-04	1820	3.76	112
11-08	2355	5.96	618	03-20	0420	5.00	370	06-04	1825	4.14	181
11-08	2400	5.69	541	03-20	0425	5.07	385	06-04	1830	4.19	191
				03-20	0430	5.06	383	06-04	1835	4.03	160
11-09	0005	5.59	514	03-20	0435	4.95	357	06-04	1840	4.18	189
11-09	0010	5.25	427	03-20	0440	4.71	298	06-04	1845	4.63	280
11-09	0015	4.95	357	03-20	0445	4.52	255	06-04	1850	5.61	519
11-09	0020	4.59	271	03-20	0450	4.64	282	06-04	1855	6.28	720
11-09	0030	4.34	218	03-20	0455	4.70	296	06-04	1900	6.39	758
11-09	0045	3.99	153	03-20	0500	4.63	280	06-04	1905	5.98	624
11-09	0100	3.71	104	03-20	0505	4.45	240	06-04	1910	5.69	541
11-09	0130	3.57	80	03-20	0515	4.51	253	06-04	1915	5.15	404
11-09	0200	3.53	74	03-20	0520	4.48	247	06-04	1920	4.70	296
				03-20	0525	4.56	264	06-04	1925	4.42	234
03-20	0245	3.52	73	03-20	0535	4.59	271	06-04	1930	4.17	187
03-20	0330	3.73	107	03-20	0610	4.43	236	06-04	1935	3.99	153
03-20	0340	4.02	159	03-20	0615	4.32	215	06-04	1950	3.76	112
03-20	0350	4.32	215	03-20	0700	4.16	185	06-04	2000	3.64	91
03-20	0355	4.48	247	03-20	0850	3.72	105	06-04	2015	3.58	82
03-20	0400	4.67	289	03-20	1100	3.55	77	06-04	2250	3.50	70

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357568980 ALDRIDGE CREEK AT SHERWOOD DRIVE NEAR HUNTSVILLE, AL

LOCATION.--Lat 34°39'51", long 86°33'15", in SW¹/₄NW¹/₄ sec. 29, T. 45 S., R. 1 E., Madison County, Hydrologic Unit 0603002, at bridge on Sherwood Drive, 0.75 mi east of Whitesburg Drive, 0.15 mi east of Cadillac Drive.

DRAINAGE AREA.--6.97 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 606.87 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,150 ft³/s, June 28, 1999, gage height, 14.55 ft.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 09	0045	*1,220	*8.14	Apr. 04	1535	545	6.24
Jan. 19	0140	992	7.58	June 04	1940	916	7.37
Mar. 20	0725	898	7.32	Aug. 10	1310	733	6.84

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2355	4.21	119	01-08	2055	4.62	180	06-04	1845	4.08	101
11-08	2400	4.80	210	01-08	2340	4.80	210	06-04	1850	4.62	180
				01-08	2400	4.94	237	06-04	1900	4.98	246
11-09	0005	5.20	287					06-04	1910	5.48	346
11-09	0010	5.50	350	01-09	0015	5.20	287	06-04	1915	5.85	438
11-09	0015	5.79	422	01-09	0025	5.40	328	06-04	1920	6.33	571
11-09	0020	6.23	542	01-09	0035	5.64	383	06-04	1925	6.81	723
11-09	0025	6.93	765	01-09	0050	6.06	496	06-04	1930	7.16	843
11-09	0030	7.48	955	01-09	0100	6.29	559	06-04	1935	7.34	905
11-09	0035	7.90	1,120	01-09	0110	6.65	669	06-04	1940	7.37	916
11-09	0040	8.07	1,190	01-09	0115	6.81	723	06-04	1945	7.31	894
11-09	0045	8.14	1,220	01-09	0130	7.32	898	06-04	1950	7.21	860
11-09	0050	8.06	1,180	01-09	0135	7.49	959	06-04	2005	6.66	673
11-09	0100	7.82	1,080	01-09	0140	7.58	992	06-04	2020	6.24	545
11-09	0115	7.34	905	01-09	0145	7.58	992	06-04	2100	5.71	401
11-09	0130	6.85	737	01-09	0200	7.44	941	06-04	2145	5.43	335
11-09	0145	6.44	603	01-09	0215	7.09	819	06-04	2250	5.11	270
11-09	0200	6.13	514	01-09	0235	6.74	699				
11-09	0230	5.83	432	01-09	0400	6.23	542	06-05	0150	4.56	171
11-09	0325	5.58	369	01-09	0530	5.93	460	06-05	325	4.37	142
11-09	0420	5.30	307	01-09	0840	5.53	357	06-05	0610	4.16	112

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575700 ALDRIDGE CREEK NEAR FARLEY, AL

LOCATION.--Lat 34°37'26", long 86°32'28", in NW¹/₄ sec. 8, T. 5 S., R. 1 E., Madison County, Hydrologic Unit 06030002, on downstream side of bridge on Mountain Gap Road, 2.4 mi northeast of Farley, and 5.2 mi upstream from mouth.

DRAINAGE AREA.--13.0 mi² (revised).

PERIOD OF RECORD.--December 1960 to March 1964, September 1984 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 575.90 ft above sea level. Datum of gage prior to September 1984 was 581.36 ft above sea level.

REMARKS.--No estimated discharges. Missing data for peaks of January 14 and 23. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,890 ft³/s, June 28, 1999, gage height, 13.78 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 09	0120	*1,610	*7.86	Mar. 20	0725	1,310	7.31
Jan. 19	0220	1,440	7.56	June 08	0650	1,350	7.39

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-09	0015	4.53	263	01-19	0045	5.38	491	06-08	0525	3.50	92
11-09	0020	4.84	341	01-19	0050	5.53	536	06-08	0540	3.56	99
11-09	0025	5.34	479	01-19	0100	5.86	647	06-08	0555	3.90	145
11-09	0030	5.90	661	01-19	0115	6.40	860	06-08	0600	4.22	199
11-09	0035	6.39	856	01-19	0125	6.80	1,050	06-08	0605	4.62	284
11-09	0040	6.82	1,060	01-19	0140	7.21	1,250	06-08	0610	5.06	402
11-09	0050	7.30	1,300	01-19	0150	7.34	1,320	06-08	0615	5.49	524
11-09	0100	7.57	1,450	01-19	0200	7.45	1,380	06-08	0620	5.91	665
11-09	0105	7.69	1,510	01-19	0205	7.49	1,400	06-08	0625	6.33	830
11-09	0110	7.80	1,580	01-19	0210	7.52	1,420	06-08	0630	6.68	988
11-09	0115	7.85	1,610	01-19	0215	7.52	1,420	06-08	0635	6.96	1,130
11-09	0120	7.86	1,610	01-19	0220	7.56	1,440	06-08	0640	7.19	1,240
11-09	0130	7.84	1,600	01-19	0225	7.53	1,420	06-08	0645	7.36	1,330
11-09	0140	7.68	1,510	01-19	0230	7.55	1,430	06-08	0650	7.39	1,350
11-09	0145	7.60	1,460	01-19	0240	7.44	1,370	06-08	0655	7.35	1,330
11-09	0200	7.26	1,280	01-19	0245	7.37	1,340	06-08	0700	7.26	1,280
11-09	0225	6.74	1,020	01-19	0315	6.95	1,120	06-08	0715	6.90	1,100
11-09	0300	6.15	756	01-19	0345	6.58	941	06-08	0730	6.55	927
11-09	0330	5.72	598	01-19	0455	6.18	768	06-08	0755	5.99	694
11-09	0400	5.43	505	01-19	0650	5.71	595	06-08	0840	5.30	467
11-09	0415	5.37	488	01-19	0900	5.39	494	06-08	1000	4.80	330

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357586650 FAGAN CREEK AT ADAMS STREET AT HUNTSVILLE, AL

LOCATION.--Lat 34°43'21", long 86°34'30", in SE¹/₄NE¹/₄ sec. 1, T. 4 S., R. 1 W., Madison County, Hydrologic Unit 0603002, at bridge on Adams Street, 0.25 mi northwest of Governors Drive and 0.1 mi northwest of California Street.

DRAINAGE AREA.--3.44 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 615.13 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,050 ft³/s, June 28, 1999, gage height, 5.50 ft.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 08	2350	369	3.12	Apr. 04	1445	458	3.25
Jan. 19	0055	402	3.17	June 04	1905	*932	*3.79

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
01-19	0030	2.73	154	01-19	0215	2.99	293	06-04	1820	3.33	521
01-19	0035	2.76	165	01-19	0220	2.97	279	06-04	1825	3.42	600
01-19	0040	2.84	200	01-19	0225	2.91	239	06-04	1830	3.58	734
01-19	0045	2.81	186	01-19	0235	2.87	216	06-04	1835	3.59	743
01-19	0050	2.95	265	01-19	0245	2.84	200	06-04	1840	3.56	716
01-19	0055	3.17	402	01-19	0300	2.80	182	06-04	1845	3.66	809
01-19	0100	3.01	305	01-19	0315	2.79	178	06-04	1850	3.67	818
01-19	0105	2.96	272	01-19	0420	2.72	150	06-04	1855	3.66	809
01-19	0110	2.98	286					06-04	1900	3.78	922
01-19	0115	3.03	316	04-04	1440	3.07	339	06-04	1905	3.79	932
01-19	0120	3.11	363	04-04	1445	3.25	458	06-04	1910	3.79	932
01-19	0125	3.09	351	04-04	1450	3.03	316	06-04	1915	3.68	827
01-19	0130	2.95	265	04-04	1455	2.85	205	06-04	1920	3.63	781
01-19	0135	3.13	375	04-04	1500	2.76	165	06-04	1925	3.49	656
01-19	0140	3.05	327	04-04	1505	2.80	182	06-04	1935	3.36	546
01-19	0145	3.02	311	04-04	1510	2.75	161	06-04	1940	3.37	555
01-19	0150	2.95	265	04-04	1515	2.85	205	06-04	2000	3.21	429
01-19	0155	2.89	228	04-04	1520	2.78	173	06-04	2015	3.07	339
01-19	0200	2.92	246	04-04	1530	2.77	169	06-04	2040	2.95	265
01-19	0205	2.91	239	04-04	1535	2.77	169	06-04	2115	2.91	239
01-19	0210	3.03	316	04-04	1540	2.73	154	06-04	2140	2.83	195

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357587090 WEST FORK PINHOOK CREEK AT BLUE SPRINGS ROAD AT HUNTSVILLE, AL

LOCATION.--Lat 34°47'18", long 86°35'55", in SE¹/₄SW¹/₄ sec. 11, T. 35 S., R. 1 W., Madison County, Hydrologic Unit 0603002, at bridge on Blue Springs Road, 1.7 mi north of Sparkman Drive, and 1.1 mi north of Mastin Lake Road.

DRAINAGE AREA.--2.28 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 688.06 ft above sea level. Gage moved to downstream side of culvert beginning 2001 water year.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,520 ft³/s, Aug. 10, 2001, gage height, 6.17 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 08	2345	536	4.63	Aug. 07	1935	381	4.39
Dec. 16	1405	487	4.55	Aug. 10	1200	*1,520	*6.17
				Aug. 12	1830	441	4.48

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2340	4.21	218	12-16	1410	4.43	409	08-10	1220	5.22	877
11-08	2345	4.63	536	12-16	1415	4.37	364	08-10	1225	5.07	789
11-08	2350	4.49	448	12-16	1420	4.36	356	08-10	1230	5.08	794
11-08	2355	4.47	435	12-16	1425	4.28	207	08-10	1235	4.78	619
11-08	2400	4.43	409	12-16	1430	4.18	174	08-10	1240	4.57	500
				12-16	1435	4.19	191	08-10	1245	4.43	409
11-09	0005	4.39	381	12-16	1440	4.09	73	08-10	1250	4.44	415
11-09	0010	4.32	325	12-16	1445	4.03	40	08-10	1255	4.32	325
11-09	0015	4.26	266					08-10	1300	4.26	266
11-09	0020	4.13	107	08-10	1145	4.16	143	08-10	1305	4.16	143
11-09	0025	4.03	40	08-10	1150	4.80	630	08-10	1310	4.12	98
				08-10	1155	5.78	1,240	08-10	1315	4.08	66
12-16	1350	4.20	210	08-10	1200	6.17	1,520	08-10	1320	4.03	40
12-16	1355	4.53	474	08-10	1205	6.00	1,400	08-10	1325	4.00	30
12-16	1400	4.54	480	08-10	1210	6.00	1,400				
12-16	1405	4.55	487	08-10	1215	5.74	1,220				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357587140 EAST FORK PINHOOK CREEK AT WINCHESTER ROAD AT HUNTSVILLE, AL

LOCATION.--Lat 34°47'34", long 86°35'21", in SW¹/₄NW¹/₄ sec. 12, T. 35 S., R. 1 E., Madison County, Hydrologic Unit 0603002, on upstream side of culvert on Winchester Road.

DRAINAGE AREA.--2.52 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 688.02 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 407 ft³/s, Apr. 3, 2000, gage height, 8.19 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 125 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 08	2345	159	7.30	June 08	0510	230	7.58
Mar. 20	0725	145	7.24	Aug. 10	1300	*250	*7.65

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2340	7.12	117	06-08	0500	7.45	197	08-10	1215	7.33	166
11-08	2345	7.30	159	06-08	0505	7.52	215	08-10	1220	7.31	161
11-08	2350	7.24	145	06-08	0510	7.58	230	08-10	1225	7.38	178
11-08	2355	7.07	107	06-08	0515	7.57	228	08-10	1230	7.45	197
11-08	2400	7.09	111	06-08	0520	7.56	225	08-10	1235	7.52	215
				06-08	0525	7.58	230	08-10	1240	7.56	225
11-09	0005	7.07	107	06-08	0530	7.57	228	08-10	1245	7.56	225
11-09	0010	7.02	98	06-08	0535	7.54	220	08-10	1250	7.59	233
11-09	0015	6.95	83	06-08	0540	7.52	215	08-10	1255	7.64	247
11-09	0020	6.88	71	06-08	0545	7.48	205	08-10	1300	7.65	250
11-09	0025	6.81	60	06-08	0615	7.36	173	08-10	1305	7.62	241
				06-08	0700	7.11	115	08-10	1310	7.59	233
06-08	0255	6.82	61	06-08	0800	6.93	79	08-10	1315	7.54	220
06-08	0335	6.88	71	06-08	0920	6.81	60	08-10	1330	7.40	184
06-08	0355	6.96	85					08-10	1345	7.22	140
06-08	0410	7.02	97	08-10	1150	7.10	113	08-10	1400	7.12	117
06-08	0425	7.09	111	08-10	1155	7.60	236	08-10	1425	7.03	100
06-08	0440	7.16	126	08-10	1200	7.64	247	08-10	1450	6.95	83
06-08	0450	7.26	150	08-10	1205	7.57	228	08-10	1525	6.87	69
06-08	0455	7.32	164	08-10	1210	7.39	181	08-10	1555	6.81	60

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357587400 PINHOOK CREEK AT MASTIN LAKE ROAD AT HUNTSVILLE, AL

LOCATION.--Lat 34°46'17", long 86°35'32", in SW¹/₄SE¹/₄ sec. 14, T. 3 S., R. 1 W., Madison County, Hydrologic Unit 0603002, at bridge on Mastin Lake Road, 0.45 mi west of Highway 231, and 0.5 mi east of Blue Springs Road.

DRAINAGE AREA.--8.50 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 646.06 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,940 ft³/s, March 3, 1997, gage height, 8.89 ft.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 09	0005	986	7.16	Aug. 10	1215	*2,800	*10.67
June 08	0535	677	6.36	Aug. 12	1840	921	6.99

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2335	4.25	148	08-10	1150	4.30	155	08-12	1820	4.10	127
11-08	2340	4.85	256	08-10	1155	4.97	283	08-12	1825	4.84	253
11-08	2345	5.16	325	08-10	1200	6.49	723	08-12	1830	5.52	414
11-08	2350	5.55	423	08-10	1205	8.86	1,770	08-12	1835	6.50	727
11-08	2355	6.53	738	08-10	1210	10.20	2,540	08-12	1840	6.99	921
11-08	2400	7.15	982	08-10	1215	10.67	2,800	08-12	1845	6.95	904
				08-10	1220	10.66	2,800	08-12	1850	6.66	787
11-09	0005	7.16	986	08-10	1230	9.72	2,260	08-12	1855	6.35	674
11-09	0010	6.80	842	08-10	1235	9.08	1,890	08-12	1900	6.04	572
11-09	0015	6.40	691	08-10	1240	8.47	1,570	08-12	1905	5.79	492
11-09	0020	6.03	569	08-10	1245	7.92	1,310	08-12	1910	5.56	425
11-09	0025	5.72	471	08-10	1250	7.44	1,100	08-12	1915	5.35	370
11-09	0030	5.46	398	08-10	1300	6.73	814	08-12	1920	5.20	334
11-09	0035	5.30	358	08-10	1315	6.10	591	08-12	1925	5.10	311
11-09	0045	5.03	296	08-10	1330	5.72	471	08-12	1930	5.01	292
11-09	0100	4.78	241	08-10	1400	5.23	341	08-12	2000	4.60	205
11-09	0110	4.63	211	08-10	1500	4.65	215	08-12	2025	4.37	166
11-09	0125	4.50	187	08-10	1615	4.30	188	08-12	2110	4.10	127

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357587728 DALLAS BRANCH AT HUNTSVILLE, AL

LOCATION.--Lat 34°44'44", long 86°34'27", in NW¹/₄ sec. 25, T. 35 S., R. 1 W., Madison County, Hydrologic Unit 06030002, at culvert on Coleman Street, two blocks upstream from Andrew Jackson Way, 2 mi north of Governor's Drive.

DRAINAGE AREA.--2.99 mi² (revised).

PERIOD OF RECORD.--September 1984 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 639.64 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,150 ft³/s, Feb. 11, 1994, gage height, 5.20 ft.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 08	2355	533	3.13	Apr. 04	1450	559	3.23
Jan. 19	0115	512	3.05	June 04	1845	*782	*4.03
				Aug. 10	1225	586	3.33

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
04-04	1435	1.98	266	06-04	1820	1.69	209	08-10	1150	1.09	96
04-04	1440	2.70	426	06-04	1825	2.62	407	08-10	1155	1.51	177
04-04	1445	3.08	520	06-04	1830	3.86	733	08-10	1200	1.98	266
04-04	1450	3.23	559	06-04	1835	3.97	765	08-10	1205	2.62	407
04-04	1455	2.70	426	06-04	1840	3.93	753	08-10	1210	2.86	465
04-04	1500	2.61	404	06-04	1845	4.03	782	08-10	1215	3.15	538
04-04	1505	2.51	381	06-04	1850	3.74	698	08-10	1220	3.25	564
04-04	1510	2.37	349	06-04	1900	3.49	629	08-10	1225	3.33	586
04-04	1515	2.24	321	06-04	1905	3.40	604	08-10	1230	3.28	572
04-04	1525	2.03	276	06-04	1910	2.89	472	08-10	1235	2.85	462
04-04	1530	2.06	282	06-04	1920	2.60	402	08-10	1240	2.71	428
04-04	1545	1.86	242	06-04	1930	2.42	361	08-10	1250	2.39	354
04-04	1605	1.73	217	06-04	1940	2.23	319	08-10	1300	2.02	274
04-04	1635	1.59	191	06-04	1950	2.09	289	08-10	1310	1.61	195
04-04	1700	1.48	171	06-04	2000	1.84	238	08-10	1315	1.49	173
04-04	1830	1.25	131	06-04	2020	1.67	206	08-10	1330	1.26	133
04-04	1950	1.10	98	06-04	2210	1.39	155	08-10	1350	1.11	100
04-04	2100	1.00	76	06-04	2400	1.16	112	08-10	1400	1.08	93

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575890 PINHOOK CREEK AT HUNTSVILLE, AL

LOCATION.--Lat 34°43'39", long 86°35'36", in SW¹/₄ sec. 35, T. 3 S., R. 1 W., Madison County, Hydrologic Unit 06030002, at bridge on Clinton Avenue, 0.2 mi northeast from intersection of Clinton Avenue and Memorial Parkway, 0.5 mi southwest of main post office and at mile 14.9.

DRAINAGE AREA.--22.6 mi² (revised).

PERIOD OF RECORD.--January 1967 to September 1968 (TVA), March 1971 to May 1973, October 1984 to current year.

GAGE.--Water-stage recorder. Datum of gage is 592.60 ft above sea level. For periods January 1967 to September 1968 and March 1971 to May 1973, datum of gage was 577.30 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, flood of March 16, 1973, 9,400 ft³/s, 16.48 ft (present datum).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s (revised) and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 09	0035	3,000	9.05	June 04	1900	3,270	9.42
Apr. 04	1510	2,320	8.16	Aug. 10	1255	*4,240	*10.64

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2350	4.36	221	06-04	1830	4.28	188	08-10	1150	4.04	114
11-08	2355	5.39	644	06-04	1835	5.12	534	08-10	1200	4.22	167
11-08	2400	6.30	1,100	06-04	1840	6.40	1,150	08-10	1205	4.35	216
				06-04	1845	7.67	1,960	08-10	1210	4.64	338
11-09	0005	6.99	1,490	06-04	1850	8.68	2,710	08-10	1220	5.68	779
11-09	0010	7.70	1,980	06-04	1855	9.20	3,100	08-10	1225	6.27	1,080
11-09	0015	8.34	2,450	06-04	1900	9.42	3,270	08-10	1230	7.06	1,540
11-09	0020	8.76	2,770	06-04	1905	9.32	3,190	08-10	1235	8.24	2,380
11-09	0025	9.00	2,960	06-04	1910	9.11	3,040	08-10	1240	9.33	3,200
11-09	0030	9.04	2,990	06-04	1915	8.84	2,830	08-10	1245	10.03	3,740
11-09	0035	9.05	3,000	06-04	1920	8.48	2,550	08-10	1250	10.49	4,120
11-09	0040	9.04	2,990	06-04	1925	8.18	2,340	08-10	1255	10.64	4,240
11-09	0045	8.85	2,840	06-04	1930	7.84	2,080	08-10	1300	10.57	4,180
11-09	0055	8.42	2,510	06-04	1935	7.52	1,850	08-10	1305	10.30	3,960
11-09	0100	8.20	2,350	06-04	1945	6.90	1,440	08-10	1315	9.63	3,420
11-09	0110	7.61	1,910	06-04	1950	6.62	1,270	08-10	1325	8.81	2,810
11-09	0120	7.08	1,550	06-04	1955	6.36	1,130	08-10	1335	8.02	2,220
11-09	0135	6.35	1,120	06-04	2000	6.13	1,010	08-10	1350	7.09	1,560
11-09	0145	5.96	927	06-04	2005	5.91	899	08-10	1400	6.59	1,250
11-09	0155	5.65	764	06-04	2015	5.55	716	08-10	1410	6.25	1,070
11-09	0210	5.33	618	06-04	2040	4.99	485	08-10	1445	5.53	706
11-09	0230	5.19	561	06-04	2100	4.78	392	08-10	1455	5.33	618
11-09	0315	5.05	508	06-04	2120	4.59	320	08-10	1545	4.61	327
11-09	0345	4.66	345	06-04	2150	4.38	230	08-10	1625	4.25	174
11-09	0410	4.43	253	06-04	2205	4.28	188	08-10	1710	4.04	114

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357591500 BROGLAN BRANCH AT OAKWOOD AVENUE AT HUNTSVILLE, AL

LOCATION.--Lat 34°44'58", long 86°37'31", in NW¹/₄SW¹/₄ sec. 27, T. 3 S., R. 1 W., Madison County, Hydrologic Unit 0603002, at bridge on Oakland Avenue, 0.6 mi east of Jordan Lane, and 1.0 mi north of University Drive.

DRAINAGE AREA.--1.47 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 652.54 ft above sea level.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,310 ft³/s, Oct. 25, 1997, gage height, 12.90 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 08	2350	*1,150	*12.30	July 10	1545	734	10.39
Dec. 13	1950	357	8.86	Aug. 10	0810	400	9.00
Feb. 25	0220	507	9.43	Sep. 19	1215	552	9.61
Apr. 04	1440	884	11.02				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2335	7.75	121	11-09	0115	7.48	83	04-04	1530	7.67	107
11-08	2340	9.29	466	11-09	0145	7.02	38	04-04	1545	7.23	56
11-08	2345	11.47	971					04-04	1600	7.04	40
11-08	2350	12.30	1,150	04-04	1425	7.03	39				
11-08	2355	11.94	1,070	04-04	1430	9.01	402	07-10	1540	8.82	346
11-08	2400	11.13	905	04-04	1435	10.76	820	07-10	1545	10.39	734
				04-04	1440	11.02	884	07-10	1550	10.28	710
11-09	0005	10.24	701	04-04	1445	10.39	734	07-10	1555	9.64	560
11-09	0010	9.64	560	04-04	1450	10.10	671	07-10	1600	8.96	387
11-09	0015	9.19	438	04-04	1455	9.56	540	07-10	1605	8.36	231
11-09	0020	8.70	314	04-04	1500	9.30	469	07-10	1610	7.80	130
11-09	0025	8.46	254	04-04	1505	8.83	348	07-10	1615	7.48	83
11-09	0030	8.31	221	04-04	1510	8.59	287	07-10	1620	7.27	60
11-09	0045	8.09	180	04-04	1520	8.08	178	07-10	1625	7.11	45
11-09	0100	7.82	133	04-04	1525	7.82	133	07-10	1630	7.06	41

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575933 BROGLAN BRANCH AT HUNTSVILLE, AL

LOCATION.--Lat 34°43'24", long 86°36'06", in SW¹/₄NW¹/₄ sec. 2, T. 4 S., R. 1 W., Madison County, Hydrologic Unit 06030002, on upstream side of bridge on Clinton Avenue at Huntsville, and at mile 15.1.

DRAINAGE AREA.--8.93 mi² (revised).

PERIOD OF RECORD.--September 1984 to current year (flood hydrograph only). Records are published for October 1991 to current year. Data prior to these dates are affected by indefinite stage versus discharge relationship.

REVISED RECORD.--WDR AL-93-1: 1992 (P).

GAGE.--Water-stage recorder. Datum of gage is 596.02 ft above sea level.

REMARKS.--No estimated discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,120 ft³/s, June 28, 1999, gage height, 10.15 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 09	0020	*2,000	*8.15	June 04	1850	1,800	7.82
Apr. 04	1505	1,840	7.89				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2340	4.84	260	04-04	1430	4.87	273	06-04	1820	4.91	291
11-08	2345	5.75	700	04-04	1435	5.43	538	06-04	1825	5.13	404
11-08	2350	6.67	1,160	04-04	1440	6.32	995	06-04	1830	5.63	638
11-08	2355	7.06	1,360	04-04	1445	6.80	1,230	06-04	1835	6.41	1,040
11-08	2400	7.31	1,510	04-04	1450	6.96	1,310	06-04	1840	7.33	1,520
				04-04	1455	7.48	1,600	06-04	1845	7.74	1,750
11-09	0005	7.88	1,830	04-04	1500	7.73	1,740	06-04	1850	7.82	1,800
11-09	0010	8.13	1,990	04-04	1505	7.89	1,840	06-04	1855	7.76	1,760
11-09	0015	8.09	1,960	04-04	1510	7.78	1,770	06-04	1900	7.69	1,720
11-09	0020	8.15	2,000	04-04	1515	7.47	1,590	06-04	1905	7.53	1,630
11-09	0025	7.88	1,830	04-04	1520	7.26	1,480	06-04	1910	7.30	1,500
11-09	0030	7.75	1,750	04-04	1525	7.03	1,350	06-04	1915	6.94	1,300
11-09	0045	7.10	1,390	04-04	1530	6.73	1,190	06-04	1920	6.73	1,190
11-09	0100	6.55	1,100	04-04	1545	6.12	891	06-04	1925	6.42	1,040
11-09	0115	6.11	886	04-04	1600	5.66	653	06-04	1945	5.62	634
11-09	0130	5.78	716	04-04	1615	5.41	528	06-04	2000	5.28	468
11-09	0145	5.49	568	04-04	1645	5.14	408	06-04	2015	5.09	383
11-09	0215	5.31	481	04-04	1730	4.88	277	06-04	2045	4.95	309

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575950 HUNTSVILLE SPRING BRANCH NEAR HUNTSVILLE, AL

LOCATION.—Lat 34°41'24", long 86°35'47", in SE¹/₄ sec. 14, T. 4 S., R. 1 W., Madison County, Hydrologic Unit 06030002, on upstream right end of bridge on Johnson Road, 2.3 mi southeast of West Station Post Office in Huntsville, and at mile 12.2.

DRAINAGE AREA.—41.8 mi².

PERIOD OF RECORD.—January 1967 to September 1968 (TVA), March 1971 to September 1974 (flood hydrograph only), September 1984 to current year (flood hydrograph only). Flood hydrograph record published from October 1991.

REVISED RECORDS.—WDR AL-99-1: 1992-98 (M).

GAGE.—Water-stage recorder. Datum of gage is 565.34 ft above sea level. Datum of gage prior to September 1984, 573.03 ft.

REMARKS.—No estimated discharges. Records fair. Extensive ongoing channel work occurred prior to October 1991, causing rating instability, therefore, only peaks subsequent to October 1991 are published.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 13,300 ft³/s, June 28, 1999; gage height, 17.62 ft (present datum).

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of March 16, 1973 reached a stage of 12.50 ft (former datum), discharge, 11,000 ft³/s. This occurred prior to extensive channel work.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 09	0045	6,790	13.07	June 04	1925	*7,490	*13.50
Jan. 19	0145	3,120	10.34	June 07	0540	2,680	9.93
Mar. 20	0725	3,630	10.77	Aug. 10	1330	6,410	12.82
Apr. 04	1530	4,460	11.44				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-09	0005	8.67	1,550	06-04	1850	7.90	1,010	08-10	1215	8.16	1,170
11-09	0010	9.44	2,230	06-04	1855	10.05	2,810	08-10	1230	8.78	1,640
11-09	0015	10.19	2,950	06-04	1900	11.47	4,500	08-10	1235	9.08	1,910
11-09	0020	11.10	4,050	06-04	1905	12.44	5,850	08-10	1240	9.44	2,230
11-09	0025	11.91	5,080	06-04	1910	13.04	6,750	08-10	1245	9.88	2,640
11-09	0030	12.46	5,880	06-04	1915	13.45	7,410	08-10	1250	10.30	3,070
11-09	0035	12.74	6,290	06-04	1920	13.49	7,470	08-10	1255	10.87	3,750
11-09	0040	12.99	6,670	06-04	1925	13.50	7,490	08-10	1300	11.47	4,500
11-09	0045	13.07	6,790	06-04	1930	13.36	7,260	08-10	1305	12.05	5,280
11-09	0050	13.06	6,780	06-04	1935	13.30	7,160	08-10	1310	12.41	5,800
11-09	0055	13.02	6,720	06-04	1940	13.10	6,840	08-10	1315	12.64	6,140
11-09	0100	12.90	6,530	06-04	1945	12.87	6,490	08-10	1320	12.81	6,400
11-09	0105	12.77	6,340	06-04	1955	12.41	5,800	08-10	1325	12.81	6,400
11-09	0110	12.63	6,130	06-04	2000	12.12	5,380	08-10	1330	12.82	6,410
11-09	0115	12.46	5,880	06-04	2015	11.42	4,440	08-10	1345	12.42	5,820
11-09	0130	11.85	5,000	06-04	2030	10.68	3,510	08-10	1400	11.89	5,050
11-09	0140	11.38	4,390	06-04	2040	10.23	3,000	08-10	1410	11.55	4,600
11-09	0150	10.89	3,780	06-04	2100	9.69	2,450	08-10	1425	10.89	3,780
11-09	0200	10.38	3,160	06-04	2155	8.95	1,790	08-10	1515	9.62	2,390
11-09	0300	9.22	2,040	06-04	2250	8.48	1,400	08-10	1605	8.85	1,700
11-09	0355	8.66	1,540	06-04	2355	7.99	1,070	08-10	1715	8.12	1,150

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575980 MCDONALD CREEK NEAR HUNTSVILLE, AL

LOCATION.--Lat 34°41'33", long 86°37'39", in SW¹/₄NW¹/₄ sec. 15, T. 4 S., R. 1 W., Madison County, Hydrologic Unit 06030002, at bridge on Patton Road, 0.6 mi south of Goss Road, 0.6 mi from Arsenal Gate no. 10, and 3.1 mi south of intersection of Highway 72 Alternate and Alabama Highway 20.

DRAINAGE AREA.--9.64 mi² (revised).

PERIOD OF RECORD.--September 1984 to current year (flood hydrograph only).

REVISED RECORDS.--WDR AL-99-1: 1985-98 (M).

GAGE.--Water-stage recorder. Datum of gage is 579.34 ft above sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, Flood of June 28, 1999, 4,560 ft³/s, gage height, 14.21 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 09	0110	*1,620	*7.48	June 04	2000	1,600	7.43

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2001 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-08	2400	4.72	620	04-04	1455	3.40	245	06-04	1850	3.87	380
				04-04	1500	3.85	373	06-04	1900	5.27	793
11-09	0005	5.41	839	04-04	1505	4.58	578	06-04	1910	6.29	1,150
11-09	0010	5.87	996	04-04	1510	4.96	693	06-04	1920	6.61	1,270
11-09	0020	6.49	1,220	04-04	1515	5.34	816	06-04	1930	6.97	1,410
11-09	0030	7.15	1,480	04-04	1520	5.67	926	06-04	1935	6.76	1,320
11-09	0035	7.03	1,430	04-04	1525	5.80	972	06-04	1940	7.35	1,560
11-09	0040	6.97	1,410	04-04	1530	6.21	1,120	06-04	1945	7.42	1,590
11-09	0045	6.71	1,300	04-04	1535	6.15	1,090	06-04	1950	7.26	1,530
11-09	0050	7.12	1,470	04-04	1540	6.22	1,120	06-04	1955	7.36	1,570
11-09	0055	7.21	1,510	04-04	1545	6.11	1,080	06-04	2000	7.43	1,600
11-09	0100	7.05	1,440	04-04	1550	5.98	1,030	06-04	2005	7.02	1,430
11-09	0110	7.48	1,620	04-04	1555	6.07	1,070	06-04	2010	7.06	1,450
11-09	0115	6.98	1,410	04-04	1600	5.97	1,030	06-04	2015	6.66	1,290
11-09	0120	7.36	1,570	04-04	1605	5.61	906	06-04	2025	6.08	1,070
11-09	0125	6.79	1,340	04-04	1615	5.47	859	06-04	2035	5.63	912
11-09	0130	7.05	1,440	04-04	1630	4.74	626	06-04	2045	5.39	832
11-09	0135	6.34	1,160	04-04	1640	4.43	534	06-04	2055	5.08	731
11-09	0145	6.52	1,230	04-04	1650	4.24	480	06-04	2115	4.67	606
11-09	0205	5.57	892	04-04	1700	4.01	420	06-04	2145	4.25	483
11-09	0305	4.39	522	04-04	1715	3.71	329	06-04	2205	3.96	407
11-09	0400	3.77	348	04-04	1730	3.45	258	06-04	2215	3.79	354

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation, but these are 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 2001

Station name and number	Location and drainage area	Period of record	Water year 2001 maximum			Period of record maximum		
			Date	Gage height (feet)	Discharge (ft ³ /s)	Date	Gage height (feet)	Discharge (ft ³ /s)
CHOCTAWHATCHEE RIVER BASIN								
Pea River tributary near Roeton 02363005	Lat 31°35'45", long 85°48'36", in SE 1/4 sec. 11, T. 7 N., R. 22 E., Coffee County, Hydrologic Unit 03140202, at culvert on county road, 1 mi west of U.S. Highway 231, 1.3 mi east of Roeton, and 2 mi upstream of mouth. Drainage area is 0.76 mi ² .	1990-2001	----	---	<105	07-06-94	9.12	390
MOBILE RIVER BASIN								
Norrell Branch near Dadeville 02416481	Lat 32°46'20", long 85°46'13", in SE 1/4 sec. 29, T. 21 N., R. 23 E., Tallapoosa County, Hydrologic Unit 03150109, at culvert at county road, 1 mi east of State Highway 49, and 4 mi south of Dadeville. Drainage area 0.50 mi ² .	1990-2001	04-04-01	5.32	86	03-16-90	8.68	335
Pintlalla Creek tributary near Sellers 02421105	Lat 32°04'38", long 86°21'18", in NW 1/4 sec. 27, T. 13 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, at culvert at county road, 2 mi south of Fleta, and 4 mi northwest of Sellers. Drainage area is 0.45 mi ² .	1991-2001	03-03-01	9.26	148	06-27-94	10.35	500
Kincaide Creek tributary near Ethelsville 02443730	Lat 33°24'14", long 88°10'54", in SW 1/4 sec. 14, T. 19 S., R. 16 W., Pickens County, Hydrologic Unit 03160106, on left bank on U.S. Highway 82, 2.3 mi southeast of Ethelsville. Drainage area is 0.24 mi ² .	1991-2001	04-04-01	3.27	42	01-07-98	4.85	163
Harris Creek near Campbell 02469795	Lat 31°53'53", long 88°00'44", in NE 1/4 sec. 30, T. 11 N., R. 1 E., Clarke County, Hydrologic Unit 03160203, at culvert on State Highway 69, 2.7 mi southwest of Campbell. Drainage area is 0.72 mi ² .	1995-2001	03-03-01	5.04	250	08-31-96	7.22	490
Mobile River at Bucks 02470630	Lat 30°00'10", long 88°01'40", in NW 1/4 sec. 31, T. 1 N., R. 1 E., Mobile County, Hydrologic Unit 03160204, on right bank at Barry Steam Plant, 0.4 mi east of Bucks, and at mile 30.5. (Datum of gage is 1.91 feet below sea level). Drainage area is approximately 43,000 mi ² .	1951, 1953-2001	03-10-01	12.05	312,000	03-06-61	18.19	e539,000
TENNESSEE RIVER BASIN								
Martin Hollow near Huntsville 0357568820	Lat 34°41'07", long 86°32'43" in SW 1/4 SE 1/4 sec. 17, T. 4 S., R. 1 E., Madison County, Hydrologic Unit 06030002, at bridge on farm road, 4.0 mi southeast of Huntsville, and 1,200 ft above mouth. (Datum of gage is 626.54 feet above sea level.) Drainage area is 1.14 mi ² .	1997-2001	01-19-01	--	227	06-28-99	19.00	2,050

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites during water year 2001

Stream	Tributary to	Location	Drainage area (mi ²)	Measurement period of record (water year)	Date	Discharge (ft ³ /s)
Mobile River Basin						
02401376 Little Canoe Creek	Big Canoe Creek	Lat 33°46'01", long 86°27'27", in SW ¹ / ₄ sec. 32, T. 14 S., R. 2 E., St. Clair County, Hydrologic Unit 03150106, at road just upstream of State Highway 174, 1 mi east of Springville.	11.5	1999-01	10-31-00	3.9
					10-31-00	4.0
					04-11-01	34
					05-22-01	13
					07-05-01	14
					08-07-01	12
	09-27-01	12				
02405200 Coosa River	Alabama River	Lat 32°24'33", long 86°20'17", in NW ¹ / ₄ sec. 33, T. 18 S., R. 3 E., St. Clair County, Hydrologic Unit 03150107, below Logan Martin Dam, 10 mi north of Childersburg.	7,743	1964-01	11-15-01	635
					11-15-01	674
02406947 Tallasseehatchee Creek	Coosa River	Lat 33°16'13", long 86°16'30", in SW ¹ / ₄ sec. 19, T. 20 S., R. 4 E., Talladega County, Hydrologic Unit 03150107, at bridge on county highway, 4 mi east of Childersburg.	124	1980, 1984-85, 1987-01	05-15-01	57
					07-20-01	30
					08-23-01	21
					09-19-01	21
02408425 Unnamed tributary	Baker Creek	Lat 33°02'29", long 86°03'01", in SE ¹ / ₄ sec. 27, T. 24 N., R. 20 E., Coosa County, Hydrologic Unit 03150107, at county road, 0.3 mi east of U.S. Highway 231, 1.4 mi south of Goodwater.	5.70	1997-01	05-15-01	6.7
					07-25-01	7.8
					08-23-01	2.8
					09-19-01	1.8
02416035 Sugar Creek	Elkahatchee Creek	Lat 32°54'41", long 85°57'13", in NW ¹ / ₄ sec. 10, T. 22 N., R. 21 E., Tallapoosa County, Hydrologic Unit 03150109, at bridge on State Highway 63 at southern city limits of Alexander City, 0.8 mi from intersection of U.S. Highway 280 and State Highway 63.	1.93	1949, 1980, 1984-85, 1987-01	10-05-00	12
					05-15-01	11
					07-20-01	13
					08-28-01	.98
					09-19-01	.96
02418179 Sougahatchee Creek	Uphapee Creek	Lat 32°39'37", long 86°27'06", in SW ¹ / ₄ sec. 4, T. 19 N., R. 26 E., Lee County, Hydrologic Unit 03150110, at bridge on County Highway 35, 3 mi northwest of Opelika.	32.5	1978, 1980, 1984-85, 1987-01	10-05-00	11
					05-15-01	17
					07-18-01	14
					08-28-01	13
					09-19-01	40
02423515 Patton Creek	Cahaba River	Lat 33°23'20", long 86°49'38", in NW ¹ / ₄ sec. 14, T. 19 S., R. 3 W., Jefferson County, Hydrologic Unit 03150202, at bridge on Pattons Chapel Road, 0.8 mi upstream from Paradise Lake, and 1 mi southeast of Bluff Park.	10.5	1956-57, 1964, 1975, 1980, 1984, 1986-95, 1997-01	11-16-00	23
					03-19-01	58
					03-21-01	82
02423550 Buck Creek	Cahaba River	Lat 33°17'30", long 86°50'36", in NW ¹ / ₄ sec. 15, T. 20 S. R. 3 W., Shelby County, Hydro- logic Unit 03150202, on State Highway 261 at Helena, 350 ft north of Louisville and Nashville Railroad.	69.9	1984-95, 1998-01	11-16-00	16
					03-27-01	133
02423601 Shades Creek	Alabama River	Lat 33°21'21", long 86°53'24", in NE ¹ / ₄ sec. 30, T. 19 S., R. 3 W., Jefferson County, Hydrologic Unit 03150202, at bridge on county road, 0.8 mi southwest of Park- wood.	44.1	1953, 1955-56, 1961-71†, 1984-95, 1998-01	12-07-00	7.5
					03-22-01	211
02427020 Bogue Chitto Creek	Alabama River	Lat 32°16'37", long 87°16'53", in NW ¹ / ₄ sec. 16, T. 15 N., R. 8 E., Dallas County, Hydrologic Unit 03150203, at County Road 115, 3 mi southwest of Orrville, and 1.2 mi downstream of Bear Creek.	329	1995-01	10-04-00	.03
					06-20-01	18
					08-01-01	15
					08-16-01	46
					08-25-01	14

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites during water year 2001

Stream	Tributary to	Location	Drainage area (mi ²)	Measurement period of record (water year)	Date	Discharge (ft ³ /s)
Mobile River Basin (continued)						
02449950 Brogan Branch	Mulberry Fork	Lat 34°05'01", long 86°44'25", in NW ¹ / ₄ sec. 15, T. 2 N., R. 2 W., Cullman County, Hydrologic Unit 03160109, at State Highway 91, 2.0 mi northeast of Hanceville.	108	1967-68, 1972, 1978, 1984, 1986-90, 1992-94, 1997, 2000-01	11-14-00 03-27-01	54 218
02460000 Village Creek	Locust Fork	Lat 33°33'58", long 87°00'09", in NW ¹ / ₄ sec. 18, T. 17 S., R. 4 W., Jefferson County, Hydrologic Unit 03160111, on Shady Grove Road, 1.6 mi north of Booker Heights Subdivision, 1.8 mi northwest of Mulga, and 2.8 mi north of Highway 269.	77.9	1973-74, 1983-84, 1986-95, 1998-01	11-21-00 04-21-01	110 182
02461700 Valley Creek	Black Warrior River	Lat 33°23'50", long 87°03'33", in SE ¹ / ₄ sec. 16, T. 19 S., R. 5 W., Jefferson County, Hydrologic Unit 03160111, at bridge on County Highway 36, and 2.5 mi northeast of Johns.	93.0	1973, 1980, 1984-95, 1998-01	11-21-00 04-21-01	114 219
Pascagoula River Basin						
02479948 Juniper Creek	Big Creek	Lat 30°49'17", long 88°18'53", in NE ¹ / ₄ sec. 6, T. 3 S., R. 3 W., Mobile County, Hydrologic Unit 03170008, at Glenwood Road, 2.0 mi north of U.S. Highway 98, 2.8 mi north of Fairview.	9.22	1990-92†, 1993-01	10-17-00 03-04-01 06-07-01	5.9 66 8.1
02479950 Collins Creek	Big Creek	Lat 30°48'40", long 88°18'57", in SE ¹ / ₄ sec. 6, T. 3 S., R. 3 W., Mobile County, Hydrologic Unit 03170008, at Glenwood Road, 1.7 mi northwest of Fairview.	8.54	1990-92†, 1993-01	10-19-00 03-01-01 06-08-01	5.7 6.8 7.2
02479960 Boggy Branch	Big Creek	Lat 30°47'13", long 88°22'01", in NE ¹ / ₄ sec. 15, T. 3 S., R. 4 W., Mobile County, Hydrologic Unit 03170008, at County Road 5, 2.6 mi south of Wilmer.	3.17	1990-91†, 1992, 1994-01	10-18-00 02-28-01 06-05-01	.44 1.9 6.4

† Operated as a crest-stage station.

‡ Operated as a continuous-record station.

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0247101475 THREEMILE CREEK AT FILLINGIM STREET AT MOBILE, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
NOV 13...	1445	16.9	14.9	768	8.24	E50	11	33	20	104	104	9.6	99
FEB 13...	1330	17.8	20.0	773	8.16	23	2.5	57	30	116	134	9.8	103
MAR 12...	1625	16.7	16.0	764	10.22	930	240	420	240	64	71	9.8	101
DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)
NOV 13...	2.3	7.4	7.7	.0	40	33	4900	1500	1200	<.1	<.1	.79	.76
FEB 13...	1.2	7.3	7.6	.0	49	40	120	140	E50	4.4	<.1	1.1	.88
MAR 12...	2.9	6.5	7.3	.0	23	19	10000	8600	E31000	<.1	<.1	1.7	.89
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
NOV 13...	.39	.28	.200	.12	.010	.01	.270	.27	.48	.51	.3	.280	.15
FEB 13...	.53	.31	.110	.13	.010	.01	.450	.47	.42	.66	.5	.460	.17
MAR 12...	1.1	.41	.202	.25	.010	.02	.270	.27	.61	1.4	.3	.280	.32
DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
NOV 13...	.26	1.20	.033	3.5	.043	.025	.041	.017	.008	5.3	.014	38	5
FEB 13...	.14	1.99	.033	5.0	.031	.009	.040	.009	.003	5.6	.010	46	6
MAR 12...	.26	1.20	.033	7.5	.092	.028	.090	.020	.009	3.6	.030	25	6

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0247101475 THREEMILE CREEK AT FILLINGIM STREET AT MOBILE, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
NOV 13...	13.0	1.30	4.3	.3	19	1.30	5.8	7.0	<.1	4.2	28	1000	390
FEB 13...	16.0	1.50	5.0	.3	19	.90	6.9	8.8	<.1	4.2	20	1300	420
MAR 12...	8.50	.800	2.1	.2	15	.90	3.2	4.3	<.1	2.6	10	3300	260

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
NOV 13...	50	44.0	10	64	59	--	.09
FEB 13...	110	93.0	32	96	70	6.01	.13
MAR 12...	140	65.0	290	42	36	105	.06

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0247101495 UNNAMED TRIBUTARY TO THREEMILE CREEK AT CENTER STREET AT MOBILE, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	OXYGEN, DIS- SOLVED
													OXYGEN, DIS- SOLVED (MG/L) (00300)
NOV 14...	1445	15.2	15.0	773	1.86	.32	1.7	9.4	10	616	794	9.6	96
FEB 12...	1330	20.0	24.5	776	--	.51	4.1	9.6	5	647	700	21.5	237
MAR 13...	0800	17.4	--	768	1.98	2.9	20	35	60	353	356	8.6	89
DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)
NOV 14...	4.2	7.9	7.9	.0	119	97	30000	24000	10000	<.1	<.1	2.5	2.6
FEB 12...	5.4	9.5	7.7	26	60	93	E6700	1400	1500	23.0	<.1	3.4	2.9
MAR 13...	1.7	7.2	8.0	.0	118	96	9800	5400	E14000	<.1	<.1	1.9	1.8
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
NOV 14...	.75	.96	.640	.75	.090	.09	.910	.91	1.6	1.5	1.0	1.00	.97
FEB 12...	1.3	1.2	.728	1.10	.150	.15	.850	.85	1.9	2.4	1.0	1.00	1.42
MAR 13...	.83	.85	.252	.37	.030	.04	.690	.71	1.1	1.2	.8	.720	.48
DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
NOV 14...	.82	4.03	.296	11.1	.736	.583	.276	.208	.190	4.1	.240	71	--
FEB 12...	.94	3.76	.493	15.1	.920	.583	.400	.240	.190	3.6	.300	90	--
MAR 13...	.32	3.05	.099	8.6	.399	.245	.190	.090	.080	4.1	.130	110	16

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0247101495 UNNAMED TRIBUTARY TO THREEMILE CREEK AT CENTER STREET AT MOBILE, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
NOV 14...	25.0	2.00	130	7	79	3.10	170	15.0	.6	6.1	420	300	80
FEB 12...	32.0	2.40	99.0	5	70	3.20	130	26.0	.7	4.7	340	720	180
MAR 13...	41.0	2.60	25.0	1	32	2.40	31.0	26.0	.2	7.6	90	820	250

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE D (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
NOV 14...	8	7.3	3	419	417	.36	.57
FEB 12...	15	9.1	9	392	360	.54	.53
MAR 13...	35	34.0	13	208	198	1.63	.28

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0247101550 TOULMINS SPRING BRANCH AT GRAHAM AVENUE AT MOBILE, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
NOV 15...	1400	15.0	--	--	12.40	.63	.8	--	10	120	120	11.4	113
FEB 12...	1615	19.0	24.0	776	12.26	1.4	1.4	5.0	10	145	165	15.2	164
MAR 13...	0930	17.9	26.0	768	12.60	6.2	16	39	80	146	152	8.9	94
DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)
NOV 15...	.8	7.7	7.6	.0	27	22	1100	920	700	<.1	<.1	.53	.59
FEB 12...	2.0	9.2	7.7	6	43	35	450	290	590	5.5	<.1	.67	.59
MAR 13...	3.2	6.6	7.5	.0	49	40	6900	E31000	E93000	<.1	<.1	1.8	1.6
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
NOV 15...	.38	.44	.030	.03	<.010	<.01	--	--	.47	.41	.1	.120	.04
FEB 12...	.42	.41	.028	.10	.010	.01	.140	.14	.44	.52	.1	.150	.13
MAR 13...	1.1	1.1	.222	.41	.010	.01	.290	.30	1.3	1.5	.3	.300	.53
DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
NOV 15...	.04	--	--	2.3	.451	.408	.189	.167	.133	3.7	.147	45	23
FEB 12...	.04	.620	.033	3.0	.307	.276	.130	.120	.090	5.7	.100	59	14
MAR 13...	.29	1.28	.033	8.0	.337	.276	.180	.120	.090	7.9	.110	55	15

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0247101550 TOULMINS SPRING BRANCH AT GRAHAM AVENUE AT MOBILE, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
NOV 15...	16.0	1.20	4.5	.3	17	1.40	8.2	16.0	.6	3.9	18	160	130
FEB 12...	21.0	1.60	7.2	.4	20	1.50	9.5	20.0	.4	3.6	20	520	350
MAR 13...	20.0	1.30	6.0	.4	19	1.50	6.9	15.0	.1	5.1	30	700	330

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
NOV 15...	4	4.0	<1	78	66	.13	.11
FEB 12...	15	13.0	4	116	93	.42	.16
MAR 13...	27	26.0	9	102	82	1.71	.14

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479944 JACKSON BRANCH AT HOWARD MORRIS ROAD NEAR WILMER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
OCT 16...	1650	17.2	--	--	.28	4.4	2.9	20	.80	20	19	7.5	78
APR 02...	1810	16.0	23.5	766	3.1	1.4	2.6	20	1.1	35	36	8.4	85
JUN 04...	1535	24.5	--	--	1.8	4.9	.7	50	1.9	22	20	5.8	70
DATE	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	
OCT 16...	6.3	2	2	390	480	.25	--	--	--	<.010	<.01	<.010	
APR 02...	4.6	1	1	E50	83	.29	.26	.26	.23	.012	.01	<.010	
JUN 04...	5.6	1	1	470	550	.49	.25	.45	.20	.010	.01	<.010	
DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)
OCT 16...	<.01	<.20	.23	M	.030	--	--	1.1	.018	<.002	<.001	2.3	<.001
APR 02...	<.01	.24	.27	M	.020	.01	.02	1.3	.002	.002	<.001	5.1	<.001
JUN 04...	<.01	.21	.46	M	.040	.01	.01	2.2	.010	.002	<.001	6.6	<.001
DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)
OCT 16...	3	1	.60	.400	3.1	.8	--	<.10	3.6	.6	<.1	7.9	7
APR 02...	4	3	.60	.500	2.0	.5	54	.10	3.1	4.3	<.1	6.2	6
JUN 04...	3	3	.69	.400	1.8	.4	51	.30	3.6	1.0	<.1	6.8	8
DATE	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
OCT 16...	860	150	22	20.0	14	17	--	--	--				
APR 02...	160	140	42	43.0	3	27	18	.23	.04				
JUN 04...	1100	250	30	27.0	15	30	16	.14	.04				

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479944 JACKSON BRANCH AT HOWARD MORRIS ROAD NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
APR 02...	<1.0	<1	32.0	32.0	<1.00	<1.00	<.50	<.50	<1.0	<1
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
APR 02...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	<2	<2
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)		
APR 02...	<1.00	<1.0	130	150	<1.0	<1.0	<.10	<.10		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0247994650 JUNIPER CREEK AT JACK WILLIAMS ROAD NEAR GEORGETOWN, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)
OCT 17...	1505	21.2	--	.47	.8	.7	5	.40	24	24	7.6	85	--
MAR 03...	1315	18.1	754	14	30	49	80	2.4	41	41	6.4	68	--
JUN 07...	0810	22.0	764	.87	1.1	.8	20	.90	26	25	7.5	85	.6
DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	
OCT 17...	4.9	2	2	280	330	.63	--	.21	.020	.01	<.010	<.01	
MAR 03...	4.1	.0	.0	6900	4300	.98	.75	.74	<.010	.02	<.010	<.01	
JUN 07...	--	2	2	340	520	.47	--	.18	.010	.02	<.010	<.01	
DATE	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)
OCT 17...	<.20	.22	.4	.410	.01	.03	2.8	--	.005	.003	<.001	1.6	<.001
MAR 03...	.53	.76	.2	.220	.03	--	4.3	.015	.040	.004	<.001	13	.005
JUN 07...	<.20	.20	.3	.280	.03	.01	2.1	--	.004	.002	<.001	3.5	<.001
DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)
OCT 17...	5	3	.70	.700	3.0	.6	57	.30	4.1	.4	<.1	7.2	7
MAR 03...	8	--	1.70	.900	2.2	.3	34	1.10	3.1	6.2	<.1	5.1	20
JUN 07...	5	3	.79	.700	2.1	.4	47	.30	4.1	1.0	<.1	6.8	8
DATE	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
OCT 17...	230	90	31	28.0	1	20	19	.03	.03				
MAR 03...	960	250	200	140	38	38	--	--	--				
JUN 07...	380	150	58	53.0	2	24	18	.06	.03				

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0247994650 JUNIPER CREEK AT JACK WILLIAMS ROAD NEAR GEORGETOWN, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
MAR 03...	<1.0	<1	40.0	45.0	<1.00	<1.00	<.50	<.50	<1.0	<1	<2.0	<2.0	960

DATE	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)
MAR 03...	250	<2.00	<2	200	140	<1.00	<1	<1.0	<1.00	4	4	<1.00	<1.0

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)
MAR 03...	250	1300	<1.0	<1.0	<.10	<.10

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479947 JUNIPER CREEK AT COLEMAN DAIRY ROAD NEAR WILMER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)
OCT 17...	1135	17.8	29.0	--	3.8	1.6	3.7	10	.40	31	32	8.4	89
MAR 03...	1625	18.8	--	--	56	900	820	320	6.5	49	55	6.9	74
JUN 07...	1105	22.0	--	765	5.1	2.3	3.9	20	.60	32	31	8.1	92
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)
OCT 17...	.4	6.7	4	3	300	370	1.2	--	.19	--	.040	.04	
MAR 03...	--	6.0	7	6	E75000	E190000	3.6	1.1	2.8	.55	.321	.49	
JUN 07...	.4	6.6	3	4	540	790	1.1	1.1	.25	.20	.055	.05	
DATE	TIME	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, ORTHOPHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
OCT 17...	<.010	<.01	<.20	.23	1.0	.990	.05	.05	5.4	.067	.043	.032	.019
MAR 03...	<.010	<.01	.87	3.3	.3	.240	.63	.41	15.8	.552	.521	.870	.200
JUN 07...	<.010	<.01	.25	.30	.8	.840	.06	.07	5.1	--	--	.030	.010
DATE	TIME	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
OCT 17...	.014	1.2	.022	8	4	1.20	1.10	2.1	.3	36	.50	4.3	.3
MAR 03...	.170	9.9	.180	11	5	2.40	1.10	2.4	.3	25	3.90	3.8	5.2
JUN 07...	Ec.007	3.0	Ec.020	7	4	1.10	1.00	2.0	.3	36	.60	4.4	.6
DATE	TIME	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 17...	<.1	6.8	6	270	90	29	22.0	3	22	23	.23	.03	
MAR 03...	<.1	4.7	20	5400	180	440	85.0	680	47	29	7.16	.06	
JUN 07...	<.1	6.6	7	300	110	34	27.0	5	23	22	.32	.03	

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479947 JUNIPER CREEK AT COLEMAN DAIRY ROAD NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
MAR 03...	<1.0	<1	19.0	99.0	<1.00	<1.00	<.50	<.50	<1.0	8
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
MAR 03...	<2.0	10.0	<2.00	14	<1.00	4	<1.0	<1.00	2	28
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)		
MAR 03...	<1.00	<1.0	180	13000	<1.0	<1.0	<.10	<.10		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479948 JUNIPER CREEK AT GLENWOOD ROAD NEAR FAIRVIEW, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)
OCT 17...	0925	16.7	20.0	5.9	3.4	5.3	10	.40	29	30	9.3	96	.5
MAR 04...	0910	16.9	--	66	34	86	70	2.0	41	44	7.5	78	--
JUN 07...	1520	23.0	--	8.1	6.2	8.6	20	.70	30	29	8.3	97	.6
DATE	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	
OCT 17...	6.7	5	4	1000	740	--	--	--	--	.010	.01	<.010	
MAR 04...	5.5	2	1	11000	6500	1.1	.58	.85	--	<.010	.03	<.010	
JUN 07...	6.6	4	4	450	E310	.87	.82	.25	.20	.016	.02	<.010	
DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)
OCT 17...	<.01	<.20	<.20	.8	.770	.01	.01	--	.049	.031	.028	.014	.010
MAR 04...	<.01	.41	.88	.2	.170	.04	--	5.0	.061	.031	.090	.020	.010
JUN 07...	<.01	.22	.27	.6	.600	.03	.02	3.9	--	--	.020	.007	Ec.003
DATE	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
OCT 17...	1.5	.016	7	3	1.30	1.00	2.1	.3	36	.50	4.2	.4	<.1
MAR 04...	12	.020	10	8	2.20	1.00	2.1	.3	29	1.30	3.3	7.0	<.1
JUN 07...	2.8	Ec.008	7	4	1.30	.900	2.0	.3	37	.40	4.3	.6	<.1
DATE	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)		
OCT 17...	6.7	7	290	90	24	7.2	6	21	22	.33	.03		
MAR 04...	5.3	20	850	250	170	120	69	42	25	7.44	.06		
JUN 07...	6.3	7	410	120	36	21.0	8	25	21	.55	.03		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479948 JUNIPER CREEK AT GLENWOOD ROAD NEAR FAIRVIEW, AL—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
MAR 04...	<1.0	<1	42.0	53.0	<1.00	<1.00	<.50	<.50	<1.0	1
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
MAR 04...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	5	6
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)		
MAR 04...	<1.00	<1.0	290	1400	<1.0	<1.0	<.10	<.10		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479950 COLLINS CREEK AT GLENWOOD ROAD NEAR FAIRVIEW, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
OCT 19...	1210	17.5	24.5	--	5.7	1.8	2.4	10	.40	23	24	9.2	96
MAR 01...	0925	17.8	--	765	6.8	3.2	5.0	40	.60	24	31	8.5	89
JUN 08...	0920	23.0	26.0	765	7.2	4.3	7.2	60	1.0	29	29	7.6	89
DATE	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	
OCT 19...	6.7	4	4	520	460	.31	--	--	<.010	<.01	<.010	<.01	
MAR 01...	6.7	5	4	240	360	.36	--	.20	.038	.03	<.010	<.01	
JUN 08...	6.8	6	5	E170	230	.44	.33	--	<.010	<.01	<.010	<.01	
DATE	NITRO- GEN,AM- ONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- ONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	
OCT 19...	<.20	.20	.1	.120	--	--	1.4	.004	.002	<.001	1.9	<.001	
MAR 01...	<.20	.23	.1	.130	.04	.05	1.6	.007	<.002	<.001	3.1	<.001	
JUN 08...	.24	.34	.1	.090	--	--	1.9	.008	.002	c<.001	3.0	Ec.001	
DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)
OCT 19...	5	2	1.10	.500	2.2	.4	48	.30	3.7	.5	<.1	6.4	8
MAR 01...	6	2	1.40	.600	2.1	.4	42	.30	3.8	1.0	<.1	5.5	8
JUN 08...	7	2	1.70	.600	2.2	.4	40	.40	4.0	.7	<.1	5.8	8
DATE	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
OCT 19...	410	160	17	14.0	2	23	17	.35	.03				
MAR 01...	950	430	35	28.0	4	28	18	.52	.04				
JUN 08...	1400	480	40	32.0	4	23	19	.45	.03				

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479950 COLLINS CREEK AT GLENWOOD ROAD NEAR FAIRVIEW, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
MAR 01...	<1.0	<1	18.0	20.0	<1.00	<1.00	<.50	<.50	<1.0	<1
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
MAR 01...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	2	<2
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)		
MAR 01...	<1.00	<1.0	46	120	<1.0	<1.0	<.10	<.10		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479957 BIG CREEK LAKE AT U.S. HIGHWAY 98 NEAR WILMER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)
DEC 12...	1510	13.2	4.2	32	38	10	95	6.5	6.6	3	2	50	100
DATE	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
DEC 12...	<.1	<.1	.022	.02	<.010	<.01	<.20	<.20	.4	.390	.03	.03	.006
DATE	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
DEC 12...	<.002	<.001	<.001	9	7	2.00	1.00	2.4	.3	35	.50	4.5	3.9
DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)			
DEC 12...	<.1	7.3	7	380	100	79	74.0	18	25	.02			

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479957 BIG CREEK LAKE AT U.S. HIGHWAY 98 NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM HG) (00025)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)
FEB 22...	0825	--	22.0	769	8.8	--	33	38	8.4	86	6.1	240	180
MAY 22...	1145	26.5	21.5	766	2.2	--	32	33	7.5	93	6.6	E14	E11
JUL 18...	1600	30.0	--	--	2.2	--	35	34	7.7	103	6.5	2	E3
SEP 20...	0830	27.0	--	--	1.6	.80	33	35	7.5	94	6.2	E2	3

DATE	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
FEB 22...	<.1	<.1	.58	.46	.29	.18	.017	.04	<.010	<.01	--	.20	.33
MAY 22...	4.3	<.1	.43	.33	.39	--	<.010	.01	<.010	<.01	--	.30	.40
JUL 18...	<.1	<.1	.42	.32	.38	.29	.010	.02	<.010	<.01	--	.30	.40
SEP 20...	<.1	<.1	.44	.34	.36	.28	.020	.04	<.010	.01	.03	.30	.40

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)
FEB 22...	.2	.260	.05	.02	2.6	.003	.010	.004	<.001	--	.001
MAY 22...	M	.030	.01	--	1.9	--	.013	.007	<.001	--	<.001
JUL 18...	M	.020	.03	.01	1.9	--	<.002	.005	Ec.002	--	Ec.004
SEP 20...	M	.040	.05	.03	1.9	--	Ec.003	Ec.003	c<.001	4.9	c<.001

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479957 BIG CREEK LAKE AT U.S. HIGHWAY 98 NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
DEC									
12...	1325	75.0	.50	13.1	36	10.1	96	6.8	4.0
12...	1326	50.0	1.00	13.3	31	9.9	95	6.5	3.5
12...	1327	50.0	3.50	13.2	32	10	95	6.4	4.9
12...	1328	25.0	1.00	13.4	30	10.2	97	6.2	3.4
FEB									
22...	0855	25.0	1.00	17.2	32	8.8	91	6.6	5.1
22...	0856	25.0	5.00	16.0	32	8.1	82	6.1	11
22...	0857	50.0	1.00	17.4	33	8.6	90	6.2	5.9
22...	0858	50.0	5.00	16.1	32	8.2	84	6.1	12
22...	0900	75.0	1.00	17.3	33	8.5	88	6.1	6.7
22...	0901	75.0	5.00	16.1	33	8.2	83	6.1	14
MAY									
22...	1155	75.0	1.00	26.3	32	7.6	94	6.4	1.7
22...	1156	75.0	5.00	26.3	32	7.5	93	6.5	1.8
22...	1200	50.0	1.00	26.3	32	7.5	93	6.5	2.2
22...	1201	50.0	5.00	26.3	32	7.5	93	6.6	2.2
22...	1205	25.0	1.00	26.3	32	7.5	93	6.6	2.2
22...	1206	25.0	5.00	26.3	32	7.5	93	6.6	2.4
22...	1207	25.0	10.0	26.2	32	7.4	92	6.6	2.5
JUL									
18...	1601	25.0	1.00	32.3	33	8.3	114	6.7	1.3
18...	1602	25.0	5.00	29.4	33	7.5	98	6.5	3.0
18...	1635	50.0	1.00	31.7	34	8.1	111	6.6	1.6
18...	1639	50.0	5.00	29.4	35	7.7	100	6.4	2.4
18...	1644	75.0	1.00	30.7	35	7.8	105	6.5	1.9
18...	1645	75.0	5.00	29.5	35	7.6	100	6.3	2.5
SEP									
20...	0845	50.0	1.00	27.0	34	7.1	89	6.2	1.5
20...	0846	50.0	5.00	26.5	32	7.8	97	6.1	1.7
20...	0850	25.0	1.00	27.1	34	6.8	85	5.8	1.6
20...	0851	25.0	5.00	26.6	32	7.8	97	5.9	1.6
20...	0855	80.0	1.00	27.0	33	7.6	95	5.8	1.7
20...	0856	80.0	5.00	26.9	32	7.5	94	5.9	1.5

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479960 BOGGY BRANCH AT COUNTY ROAD NEAR WILMER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
OCT 18...	0850	16.9	17.0	--	.44	1.4	1.9	20	.40	30	32	7.2	74
FEB 28...	1535	20.0	19.8	--	1.9	2.5	--	40	.80	30	35	8.0	88
JUN 05...	1530	23.5	28.5	767	6.4	3.8	10	40	1.4	40	38	5.8	69
DATE	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	
OCT 18...	6.6	4	3	210	160	.27	--	--	--	<.010	<.01	<.010	
FEB 28...	6.4	2	2	E35	100	.37	.32	.28	.24	.013	.02	<.010	
JUN 05...	5.3	1	1	E2300	E2500	.85	.66	--	--	<.010	<.01	<.010	
DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)
OCT 18...	<.01	<.20	.20	.1	.070	--	--	1.2	.005	.004	<.001	2.4	<.001
FEB 28...	<.01	.25	.30	.1	.070	.03	.02	1.6	.010	.003	<.001	3.8	<.001
JUN 05...	<.01	.40	.59	.3	.260	--	--	3.8	.020	.006	<<.001	8.4	<<.001
DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	
OCT 18...	7	4	1.00	1.10	2.6	.4	43	.30	5.4	.7	<.1	8.3	7
FEB 28...	7	5	1.10	1.00	2.3	.4	40	.40	5.0	2.8	<.1	6.0	8
JUN 05...	8	7	1.50	1.10	2.2	.3	33	1.00	4.5	4.9	<.1	6.5	15
DATE	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
OCT 18...	630	240	27	22.0	2	24	22	.03	.03				
FEB 28...	1100	350	65	47.0	6	26	20	.13	.04				
JUN 05...	640	290	220	200	7	39	24	.68	.05				

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479960 BOGGY BRANCH AT COUNTY ROAD NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
FEB 28...	<1.0	<1	31.0	34.0	<1.00	<1.00	<.50	<.50	<1.0	<1
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
FEB 28...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	2	2
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)		
FEB 28...	<1.00	<1.0	55	140	<1.0	<1.0	<.10	<.10		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479965 BIG CREEK LAKE BELOW MILL BRANCH NEAR WILMER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
DEC 11...	1630	12.1	E21.0	4.1	2.17	38	41	9.0	84	5.7	5	4	E4
DATE	TIME	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	
DEC 11...	<1	<1	.62	.60	.21	.23	.079	.12	<.010	<.01	.31		
DATE	TIME	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)		
DEC 11....	33	.3	.290	.15	.10	2.7	.006	.002	<.001	<.001			
DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)
FEB 20...	1515	15.6	21.0	760	4.4	1.95	34	39	9.4	95	6.5	<1	--
MAY 23...	1400	--	--	764	--	1.93	--	36	--	--	--	<1	E1
JUL 17...	0955	--	30.0	--	--	2.03	--	38	--	--	--	1	1
DATE	TIME	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
FEB 20...	<1	<1	.50	.45	.23	.20	.027	.04	<.010	<.01	.23	.27	
MAY 23...	5.4	<1	.52	.40	.44	.32	.019	.02	<.010	<.01	.34	.46	
JUL 17...	51.0	<1	--	--	.39	.29	.010	.01	<.010	<.01	.30	.40	

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479965 BIG CREEK LAKE BELOW MILL BRANCH NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L ASN) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L ASP) (70507)		
FEB 20...	.2	.220	.05	.03	2.2	.003	.006	<.002	<.001	.001		
MAY 23....	.1	.060	.03	.02	2.3	-	.009	.002	<.001	<.001		
JUL 17...	<.02	<.020	.01	.01	-	-	.006	.002	c<.001	c<.001		
DATE	TIME	DEPTH TO TOP OF SAMPLE INTER- VAL(IN METERS) (82047)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL(IN METERS) (82048)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)
SEP 10...	1600	4.6	9.1	27.3	35	40	1.5	19	5.0	-	--	-
10...	1605	.00	1.5	29.5	34	36	8.2	107	6.0	E4	2	<.1
DATE	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)		
SEP 10...	-	.34	.24	.160	.16	<.010	<.01	.40	.50	<.02		
10...	<.1	.28	.27	.030	.02	<.010	<.01	.30	.30	<.02		
DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L ASP) (70507)					
SEP 10...	<.020	.21	.21	c<.002	c<.002	c<.001	c<.001					
10...	<.020	.03	.04	Ec.005	c<.002	c<.001	c<.001					

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479965 BIG CREEK LAKE BELOW MILL BRANCH NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
DEC									
11...	1518	75.0	1.00	15.2	33	10	100	6.4	3.8
11...	1519	75.0	5.00	13.7	35	9.9	95	6.1	--
11...	1520	75.0	10.0	13.1	36	9.9	94	6.3	4.1
11...	1521	75.0	15.0	12.2	38	9.3	87	6.0	5.4
11...	1530	50.0	1.00	15.1	33	10.1	100	6.2	2.3
11...	1531	50.0	5.00	13.7	35	9.9	96	6.1	3.6
11...	1532	50.0	10.0	12.8	33	9.7	92	6.0	3.2
11...	1533	50.0	15.0	12.1	38	9.0	84	5.7	5.3
11...	1534	50.0	20.0	12.1	38	8.9	83	5.7	6.5
11...	1535	50.0	25.0	12.1	38	9.0	84	5.5	5.8
11...	1536	50.0	30.0	12.1	38	8.9	83	5.5	6.4
11...	1604	25.0	1.00	15.0	32	10.0	100	6.1	3.3
11...	1605	25.0	5.00	14.1	34	9.9	97	6.1	3.0
11...	1606	25.0	10.0	13.0	34	9.3	88	5.9	4.1
11...	1607	25.0	15.0	12.3	38	8.9	83	5.6	5.8
FEB									
20...	1405	15.0	1.00	17.0	34	9.4	98	7.4	4.1
20...	1406	15.0	5.00	15.6	34	9.4	95	7.2	4.4
20...	1407	15.0	10.0	15.4	34	9.4	94	6.7	4.6
20...	1408	15.0	15.0	15.2	34	9.4	93	6.5	4.3
20...	1415	30.0	1.00	16.8	34	9.3	96	6.7	5.5
20...	1416	30.0	5.00	15.7	34	9.3	94	6.6	5.8
20...	1417	30.0	10.0	15.3	34	9.4	94	6.5	3.9
20...	1418	30.0	15.0	15.1	34	9.5	94	6.5	3.7
20...	1419	30.0	20.0	14.8	34	9.3	92	6.4	4.2
20...	1420	30.0	25.0	14.6	34	9.0	88	6.3	4.6
20...	1421	30.0	30.0	14.4	34	8.9	87	6.1	--
20...	1430	45.0	1.00	16.8	34	9.4	98	6.6	4.5
20...	1431	45.0	5.00	15.8	34	9.4	95	6.6	4.5
20...	1432	45.0	10.0	15.6	34	9.4	94	6.5	4.4
20...	1433	45.0	15.0	15.0	34	9.4	93	6.5	3.8
20...	1440	70.0	1.00	16.7	34	9.4	97	6.5	4.3
20...	1441	70.0	5.00	15.8	34	9.4	95	6.5	4.4
20...	1442	70.0	10.0	15.6	34	9.4	95	6.5	4.4
20...	1443	70.0	15.0	15.0	34	9.1	90	6.4	4.4

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479965 BIG CREEK LAKE BELOW MILL BRANCH NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
MAY									
23...	1325	10.0	1.00	28.0	35	7.8	100	6.8	2.2
23...	1326	10.0	5.00	27.2	35	7.8	99	6.7	2.5
23...	1327	10.0	10.0	26.3	35	7.8	97	6.6	2.9
23...	1330	40.0	1.00	27.9	35	7.8	99	6.7	2.4
23...	1331	40.0	5.00	26.6	35	7.8	98	6.6	3.2
23...	1335	40.0	10.0	26.2	35	7.8	97	6.6	2.1
23...	1336	40.0	15.0	26.1	35	7.5	92	6.5	2.0
23...	1337	40.0	20.0	22.0	37	2.5	32	5.8	3.1
23...	1338	40.0	25.0	21.5	37	2.1	24	5.8	3.4
23...	1339	40.0	30.0	21.2	37	2.7	29	5.9	3.1
23...	1340	40.0	35.0	20.9	38	1.9	22	5.8	3.5
23...	1353	80.0	1.00	27.0	35	7.9	99	6.6	2.4
23...	1354	80.0	5.00	26.5	35	8.0	99	6.7	2.1
23...	1355	80.0	10.0	26.1	35	7.7	95	6.6	2.1
23...	1356	80.0	15.0	26.0	35	7.4	92	6.6	2.4
23...	1357	80.0	20.0	21.6	38	2.1	24	5.8	3.3
JUL									
17...	0915	75.0	1.00	30.1	33	7.6	101	6.3	1.8
17...	0916	75.0	5.00	30.1	33	7.5	100	6.1	1.7
17...	0917	75.0	10.0	30.1	33	7.5	99	6.2	2.3
17...	0918	75.0	15.0	29.9	33	7.0	93	5.9	2.6
17...	0919	75.0	20.0	28.0	35	.1	2	5.3	3.0
17...	0935	50.0	1.00	30.2	33	7.5	100	6.1	2.1
17...	0936	50.0	5.00	30.2	33	7.5	100	6.1	2.1
17...	0937	50.0	10.0	30.2	33	7.5	100	6.1	1.9
17...	0938	50.0	15.0	29.7	33	6.2	81	5.9	2.6
17...	0939	50.0	20.0	28.2	34	1.2	20	5.5	3.4
17...	0940	50.0	25.0	24.8	50	.1	2	5.7	1.0
17...	0941	50.0	30.0	23.7	53	.1	1	5.7	1.0
17...	0945	25.0	1.00	30.1	34	7.4	98	5.8	1.7
17...	0946	25.0	5.00	30.1	34	7.5	99	5.8	1.8
17...	0947	25.0	10.0	30.1	33	7.4	98	6.0	2.0
17...	0948	25.0	15.0	30.0	33	7.4	98	6.0	1.8
17...	0949	25.0	20.0	29.5	33	5.4	69	5.5	2.8
SEP									
10...	1450	5.00	1.00	30.8	34	8.6	114	5.8	1.0
10...	1500	40.0	1.00	30.7	33	8.2	110	6.6	1.1
10...	1505	40.0	5.00	29.4	33	8.1	106	6.1	1.4
10...	1510	40.0	10.0	28.7	33	7.7	99	5.9	1.2
10...	1515	40.0	15.0	27.3	35	1.5	19	5.0	4.1
10...	1520	40.0	20.0	26.7	35	.3	4	4.9	6.1
10...	1525	40.0	25.0	25.2	58	.2	3	5.5	3.0
10...	1530	40.0	30.0	23.9	69	.3	3	5.8	2.8
10...	1606	80.0	1.00	31.0	34	8.2	110	6.0	1.3
10...	1607	80.0	5.00	29.6	34	8.2	107	5.9	1.2
10...	1608	80.0	10.0	28.7	34	7.7	100	5.9	1.0
10...	1609	80.0	15.0	27.5	35	1.3	17	5.2	2.6
10...	1610	80.0	20.0	26.5	36	.3	3	4.9	7.6

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479975 CROOKED CREEK AT WULFF ROAD NEAR SEMMES, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	
OCT 18...	1430	19.3	--	--	2.1	1.9	2.6	20	.60	61	64	6.1	66	
APR 03...	1300	18.0	26.0	766	2.2	4.9	4.6	20	.80	45	50	6.3	66	
JUN 05...	1125	24.0	--	--	2.3	7.8	14	60	1.2	61	60	4.5	53	
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	
OCT 18...	--	7.1	22	18	240	230	--	.25	--	--	--	<.010	<.01	
APR 03...	--	7.1	13	11	E37	E54	.51	.40	.37	.27	.022	.02		
JUN 05...	1.7	6.9	18	15	600	620	.81	.55	.58	.32	.058	.06		
DATE	TIME	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, ORTH- SOLVED TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTH- SOLVED TOTAL (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
OCT 18...	<.010	<.01	.22	<.20	M	.030	--	--	--	.028	.006	.027	.007	
APR 03...	<.010	<.01	.29	.39	.1	.110	.03	.03	2.3	.025	.009	.030	.009	
JUN 05...	<.010	<.01	.38	.64	.2	.170	.08	.07	3.6	--	--	.060	.020	
DATE	TIME	PHOS- PHORUS ORTH- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTH- SOLVED TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	
OCT 18...	.002	2.9	.009	19	1	5.50	1.30	3.2	.3	24	2.30	4.9	1.9	
APR 03...	.003	3.3	.008	13	3	3.90	.900	2.5	.3	27	1.00	4.5	1.8	
JUN 05...	Ec.004	4.0	Ec.020	17	2	4.80	1.10	3.3	.4	27	2.00	6.0	2.6	
DATE	TIME	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
OCT 18...	<.1	4.7	12	870	220	73	38.0	3	40	35	.22	.05		
APR 03...	<.1	3.2	10	1100	400	84	28.0	10	31	25	.19	.04		
JUN 05...	<.1	7.1	17	2100	730	150	130	9	46	37	.29	.06		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479975 CROOKED CREEK AT WULFF ROAD NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
APR 03...	<1.0	<1	17.0	19.0	<1.00	<1.00	<.50	<.50	<1.0	<1
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
APR 03...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	<2	2
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)		
APR 03...	<1.00	<1.0	35	200	<1.0	<1.0	<.10	<.10		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0248000010 BIG CREEK LAKE CROSS-SECTION NEAR SEMMES, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)
DEC 13...	1015	12.5	2.4	2.41	32	36	9.6	90	6.2	5	4	E1	E9
DATE	TIME	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
DEC 13...	<.1	<.1	.39	.37	.18	.16	.082	.09	<.010	<.01	.24	.27	
DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)			
DEC 13...	.1	.130	.12	.11	1.7	.007	.003	<.001	<.001				
DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	
FEB 21...	1030	12.5	18.0	--	2.4	2.97	34	39	9.6	90	6.5	<1	E1
MAY 23...	1030	--	--	776	--	--	--	37	--	--	--	E4	--
JUL 17...	1355	--	--	--	--	2.33	--	37	--	--	--	E3	E1
DATE	TIME	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
FEB 21...	<.1	<.1	.55	.47	.27	.21	.032	.05	<.010	<.01	.24	.32	
MAY 23...	<.1	<.1	.48	.38	.36	.26	.040	.04	<.010	<.01	.30	.40	
JUL 17...	6.2	<.1	--	--	--	--	<.010	<.01	<.010	<.01	.31	.37	

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0248000010 BIG CREEK LAKE CROSS-SECTION NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L ASN) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L ASP) (70507)			
FEB 21...	.2	.230	.06	.04	2.4	.003	.006	<.002	<.001	.001			
MAY 23...	.1	.080	.05	.05	2.1	--	.008	.003	<.001	<.001			
JUL 17...	<.02	<.020	--	--	--	--	.010	.004	c<.001	c<.001			
DATE	TIME	DEPTH TO TOP OF SAMPLE INTER- VAL(IN METERS) (82047)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL(IN METERS) (82048)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONI TOTAL (MG/L AS N) (00610)
SEP 11...	0930	.00	4.6	2.42	36	E4	E9	<.1	<.1	.28	--	<.010	.02
11...	0935	7.6	10.7	--	41	--	--	--	--	.35	.26	.340	.35
DATE	TIME	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L ASP) (70507)
SEP 11...	<.010	<.01	.30	.30	<.02	<.020	.03	--	Ec.002	c<.002	c<.002	<.001	<.001
11...	<.010	<.01	.60	.70	<.02	<.020	.45	.44	Ec.002	c<.002	c<.002	<.001	<.001
DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)				
DEC 13...	1024	83.3	1.00	12.5	31	9.6	90	6.3	2.5				
13...	1027	66.7	1.00	12.6	32	9.6	90	6.2	2.2				
13...	1028	66.7	5.00	12.6	32	9.6	90	6.4	2.0				
13...	1029	66.7	10.0	12.5	32	9.5	90	6.3	2.0				
13...	1032	66.7	15.0	12.5	32	9.5	90	6.3	2.9				
13...	1036	50.0	1.00	12.5	32	9.6	90	6.2	2.1				
13...	1037	50.0	5.00	12.5	32	9.6	90	6.2	2.8				
13...	1038	50.0	10.0	12.5	32	9.6	90	6.3	2.4				
13...	1039	50.0	15.0	12.5	32	9.6	90	6.2	2.3				
13...	1043	33.3	1.00	12.5	32	9.6	90	6.2	2.2				
13...	1044	33.3	5.00	12.5	32	9.6	90	6.2	2.5				
13...	1045	33.3	10.0	12.5	32	9.6	90	6.2	2.1				
13...	1046	33.3	20.0	12.4	32	9.6	90	6.2	2.6				
13...	1047	33.3	30.0	12.4	32	9.5	89	6.1	2.4				
13...	1048	33.3	35.0	12.4	32	9.5	89	6.0	2.3				
13...	1053	16.7	1.00	12.5	32	9.6	90	6.2	2.5				
13...	1054	16.7	5.00	12.5	32	9.6	90	6.2	2.3				
13...	1055	16.7	10.0	12.4	32	9.5	89	6.1	2.8				
13...	1056	16.7	15.0	12.5	32	9.4	88	6.2	8.5				

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0248000010 BIG CREEK LAKE CROSS-SECTION NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (000002)	SAM- PLING DEPTH (FEET) (000003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
FEB									
21...	0915	10.0	1.00	15.5	34	9.8	98	6.7	2.9
21...	0916	10.0	5.00	15.0	34	9.8	97	6.5	3.2
21...	0917	10.0	10.0	14.9	34	9.7	96	6.5	2.9
21...	0918	10.0	15.0	14.2	34	9.7	95	6.5	2.8
21...	0919	10.0	20.0	14.0	34	9.4	91	6.3	3.4
21...	0920	20.0	1.00	15.5	34	9.7	97	6.5	2.6
21...	0921	20.0	5.00	15.1	34	9.7	97	6.6	3.0
21...	0922	20.0	10.0	14.9	34	9.6	95	6.5	3.1
21...	0923	20.0	15.0	14.2	34	9.6	94	6.4	3.2
21...	0924	20.0	20.0	13.9	34	9.5	92	6.3	3.2
21...	0925	20.0	25.0	13.8	34	9.5	92	6.2	3.4
21...	0926	20.0	30.0	13.8	34	9.4	91	6.1	3.1
21...	0927	20.0	35.0	13.7	34	9.4	90	6.0	3.3
21...	0928	20.0	40.0	13.7	34	9.4	90	6.0	3.5
21...	0929	20.0	45.0	13.6	34	9.3	90	6.0	10
21...	0935	50.0	1.00	15.5	34	9.7	97	6.5	4.0
21...	0936	50.0	5.00	15.4	34	9.8	97	6.6	2.6
21...	0937	50.0	10.0	14.9	34	9.7	96	6.5	3.2
21...	0938	50.0	15.0	14.4	34	9.5	92	6.5	3.3
21...	0939	50.0	20.0	14.0	34	9.5	92	6.4	3.2
21...	0940	50.0	25.0	13.9	34	9.4	91	6.4	3.2
21...	0941	50.0	30.0	13.8	34	9.4	91	6.3	2.8
21...	0945	85.0	1.00	15.9	34	9.6	98	6.6	3.3
21...	0946	85.0	5.00	15.2	34	9.6	96	6.5	3.3
21...	0947	85.0	10.0	14.8	34	9.4	93	6.5	3.3
21...	0948	85.0	15.0	14.4	34	9.4	92	6.4	3.5
21...	0949	85.0	20.0	14.1	34	9.4	91	6.3	3.6
MAY									
23...	0910	10.0	1.00	25.9	35	7.7	95	7.2	1.9
23...	0911	10.0	5.00	25.8	35	7.7	94	7.0	1.9
23...	0912	10.0	10.0	25.7	35	7.6	93	6.9	1.7
23...	0913	10.0	11.0	25.7	35	7.5	92	6.9	1.8
23...	0916	25.0	1.00	26.0	35	7.7	95	6.8	1.7
23...	0917	25.0	5.00	25.8	35	7.7	94	6.8	1.8
23...	0918	25.0	10.0	25.7	35	7.6	93	6.7	1.9
23...	0919	25.0	15.0	25.7	35	7.6	93	6.7	1.7
23...	0920	25.0	20.0	24.6	36	6.1	72	6.4	2.0
23...	0921	25.0	25.0	21.8	36	3.6	41	6.0	2.2
23...	0922	25.0	30.0	20.7	37	2.5	28	5.9	2.5
23...	0923	25.0	35.0	20.5	37	2.5	27	5.9	2.5
23...	0924	25.0	40.0	19.4	38	1.8	19	5.9	2.9
23...	0925	25.0	45.0	18.6	38	1.3	14	5.9	3.6
23...	0926	25.0	50.0	18.2	39	.9	10	5.9	4.2
23...	0940	50.0	1.00	26.0	35	7.6	94	6.6	1.7
23...	0941	50.0	5.00	25.7	35	7.6	94	6.6	1.9
23...	0942	50.0	10.0	25.7	35	7.5	92	6.6	2.2
23...	0943	50.0	15.0	25.7	35	7.5	92	6.6	2.0
23...	0944	50.0	20.0	24.9	36	6.3	76	6.3	2.3
23...	0945	50.0	25.0	21.5	37	2.8	32	6.0	2.6
23...	0946	50.0	30.0	21.0	37	2.8	31	5.9	2.8
23...	1000	75.0	1.00	26.2	35	7.6	94	6.6	1.7
23...	1001	75.0	5.00	25.8	35	7.6	94	6.6	2.0
23...	1002	75.0	10.0	25.7	35	7.5	92	6.6	1.9
23...	1003	75.0	15.0	25.7	35	7.5	92	6.6	1.8
23...	1004	75.0	20.0	25.0	36	6.9	83	6.4	2.7

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0248000010 BIG CREEK LAKE CROSS-SECTION NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (000002)	SAM- PLING DEPTH (FEET) (000003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
JUL									
17...	1315	25.0	1.00	30.6	34	7.9	106	5.5	.9
17...	1316	25.0	5.00	30.6	34	7.8	105	5.5	1.1
17...	1317	25.0	10.0	30.6	34	7.8	104	5.5	1.2
17...	1318	25.0	15.0	30.5	34	7.6	101	5.4	1.4
17...	1319	25.0	20.0	27.9	35	.3	3	4.8	1.6
17...	1335	50.0	1.00	30.6	34	7.8	103	5.6	1.4
17...	1336	50.0	5.00	30.5	34	7.8	104	5.7	1.5
17...	1337	50.0	10.0	30.2	34	7.7	102	5.8	1.8
17...	1338	50.0	15.0	30.0	34	7.5	98	5.7	1.6
17...	1339	50.0	20.0	27.5	36	.1	2	4.9	1.8
17...	1340	50.0	25.0	25.4	41	.1	2	5.0	.6
17...	1345	60.0	1.00	30.6	34	7.8	104	5.8	1.5
17...	1346	60.0	5.00	30.5	34	7.8	104	5.8	1.5
17...	1347	60.0	10.0	30.1	34	7.7	101	5.8	1.5
17...	1348	60.0	15.0	30.1	34	7.6	100	5.8	1.4
17...	1349	60.0	20.0	27.7	36	.1	2	4.9	1.8
17...	1350	60.0	25.0	25.7	41	.1	2	5.1	.6
17...	1351	60.0	30.0	23.1	48	.1	1	5.2	.6
17...	1352	60.0	35.0	22.3	52	.1	1	5.3	.8
17...	1400	75.0	1.00	30.7	34	7.8	104	5.6	1.8
17...	1401	75.0	5.00	30.6	34	7.8	104	5.8	1.7
17...	1402	75.0	10.0	30.0	34	7.6	100	5.7	1.7
17...	1403	75.0	15.0	30.0	34	7.5	100	5.7	1.6
17...	1404	75.0	20.0	28.1	35	.4	6	5.0	1.9
17...	1405	75.0	25.0	25.7	41	.1	2	5.1	.5
17...	1406	75.0	30.0	23.4	47	.1	2	5.2	.5
SEP									
11...	0830	25.0	1.00	28.4	34	7.2	93	6.4	1.7
11...	0831	25.0	5.00	28.4	34	7.2	92	6.4	1.6
11...	0832	25.0	10.0	28.4	34	7.2	93	6.4	1.2
11...	0833	25.0	15.0	28.3	34	7.0	90	6.3	1.6
11...	0834	25.0	20.0	28.2	34	6.9	88	6.3	1.4
11...	0835	25.0	25.0	25.5	52	.2	3	5.7	1.3
11...	0836	25.0	30.0	23.9	63	.2	2	5.8	1.7
11...	0837	25.0	35.0	22.9	66	M	2	5.8	1.6
11...	0839	25.0	40.0	22.1	71	M	2	5.8	1.6
11...	0900	80.0	1.00	28.5	33	7.3	94	6.5	1.8
11...	0901	80.0	5.00	28.5	33	7.3	94	6.6	1.6
11...	0902	80.0	10.0	28.5	33	7.3	94	6.5	1.4
11...	0903	80.0	15.0	28.5	33	7.2	93	6.5	1.5
11...	0904	80.0	20.0	28.5	33	7.1	92	6.4	1.5
11...	0905	80.0	25.0	26.5	44	.3	4	5.8	2.2
11...	0915	60.0	1.00	28.5	33	7.2	93	6.3	1.5
11...	0916	60.0	5.00	28.5	34	7.2	93	6.4	1.4
11...	0917	60.0	10.0	28.5	33	7.3	94	6.4	1.4
11...	0918	60.0	15.0	28.5	34	7.2	93	6.4	1.3
11...	0919	60.0	20.0	28.4	33	7.2	92	6.3	1.5
11...	0920	60.0	25.0	25.8	49	M	3	5.7	1.7
11...	0921	60.0	30.0	24.1	62	M	2	5.8	1.8
11...	0922	60.0	35.0	22.9	68	M	2	5.9	1.6

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480001 HAMILTON CREEK BELOW SEMMES, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
OCT 19...	0815	17.0	E16.5	--	4.4	1.4	1.8	20	.40	31	31	7.0	72
APR 03...	1820	20.0	26.0	766	5.2	2.3	4.8	30	.90	31	34	7.0	78
JUN 06...	1625	25.0	--	--	5.4	2.5	2.8	60	1.3	34	33	5.5	67
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)
OCT 19...	.4	7.1	8	6	140	140	.31	--	--	--	--	<.010	<.01
APR 03...	--	6.5	6	5	110	--	.41	.38	.29	.26	.016	.02	
JUN 06...	.6	6.7	8	7	74	--	.52	.34	.36	.19	.056	.06	
DATE	TIME	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
OCT 19...	<.010	<.01	<.20	.20	.1	.110	--	--	1.4	.006	.009	.003	
APR 03...	<.010	<.01	.28	.31	.1	.100	.03	.02	1.8	--	.010	.005	
JUN 06...	<.010	<.01	.25	.42	.1	.090	.08	.07	2.3	--	.020	.005	
DATE	TIME	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
OCT 19...	<.001	2.5	.002	7	0	1.60	.700	2.8	.5	45	.50	4.5	.8
APR 03...	<.001	2.1	<.001	6	2	1.60	.600	2.6	.4	45	.40	4.4	1.3
JUN 06...	Ec.001	2.8	Ec.006	7	0	1.60	.700	2.9	.5	46	.50	4.7	.6
DATE	TIME	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 19...	<.1	6.3	12	710	280	29	25.0	2	23	22	.27	.03	
APR 03...	<.1	4.1	9	800	330	29	22.0	4	23	19	.32	.03	
JUN 06...	<.1	4.7	12	2000	630	68	51.0	6	28	21	.41	.04	

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480001 HAMILTON CREEK BELOW SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
APR 03...	<1.0	<1	17.0	18.0	<1.00	<1.00	<.50	<.50	<1.0	<1
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
APR 03...	<2.0	<2.0	<2.00	<2	<1.00	<1	<1.0	<1.00	3	3
DATE	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)		
APR 03...	<1.00	<1.0	43	140	<1.0	<1.0	<.10	<.10		

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480003 HAMILTON CREEK AT POWERLINE NEAR SEMMES, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
DEC 12...	0830	13.6	E9.2	2.0	2.6	1.97	<5	.40	33	37	9.6	92	6.2
DATE	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)		
DEC 12...	6.8	6	4	E11	E5	<.1	<.1	.042	.05	<.010	<.01		
DATE	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	
DEC 12...	<.20	<.20	.3	.250	.06	.05	.010	.004	<.001	<.001	8	3	
DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)			
DEC 12...	1.80	.800	2.9	.5	42	.60	4.8	2.6	<.1	4.1			
DATE	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
DEC 12...	10	280	100	19	14.0	3	21	22	.03				

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480003 HAMILTON CREEK AT POWERLINE NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
FEB 21...	1445	14.1	16.5	--	3.4	2.42	--	34	40	9.2	91	6.3	E5
MAY 24...	0900	--	--	766	--	1.83	--	--	38	--	--	--	E3
JUL 18...	0835	--	--	--	--	2.08	--	--	38	--	--	--	20
SEP 19...	1645	--	--	768	--	2.13	.50	--	37	--	--	--	<1

DATE	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
FEB 21...	E7	<.1	<.1	.52	.44	.24	.18	.030	.05	<.010	<.01	.21	.29
MAY 24...	E4	<.1	<.1	.44	.34	--	--	--	--	--	<.01	.30	.40
JUL 18...	E23	<.1	<.1	.45	--	--	--	<.010	<.01	<.010	<.01	.28	.43
SEP 19...	<1	11.0	<.1	--	--	.38	--	.010	.02	<.010	<.01	<.20	.40

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)
FEB 21...	.2	.230	.06	.04	2.3	.003	.007	<.002	<.001	--	.001
MAY 24...	M	.040	--	--	1.9	--	.011	.003	<.001	--	<.001
JUL 18...	M	<.020	--	--	2.0	--	.010	.003	c<.001	--	c<.001
SEP 19...	<.02	<.020	.03	.01	--	--	c<.002	c<.002	c<.001	3.9	c<.001

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480003 HAMILTON CREEK AT POWERLINE NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	SAM- PLING DEPTH (FEET) (00003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
DEC									
12...	0848	80.0	1.00	13.6	32	9.5	91	6.2	2.5
12...	0851	60.0	1.00	13.6	33	9.6	93	6.4	2.4
12...	0852	60.0	4.00	13.6	33	9.6	92	6.2	2.3
12...	0855	40.0	1.00	13.6	33	9.6	92	6.4	2.4
12...	0856	40.0	5.00	13.6	33	9.6	92	6.4	2.6
12...	0857	40.0	8.00	13.6	32	9.5	92	6.2	3.2
12...	0900	20.0	1.00	13.6	32	9.6	92	6.3	2.7
12...	0901	20.0	4.00	13.6	33	9.6	92	6.2	3.2
FEB									
21...	1415	25.0	1.00	15.1	35	9.4	93	6.6	2.7
21...	1416	25.0	5.00	14.0	34	9.3	91	6.5	3.8
21...	1420	40.0	1.00	15.1	35	9.2	91	6.3	2.8
21...	1421	40.0	5.00	14.0	34	9.3	90	6.3	3.7
21...	1422	40.0	10.0	14.0	34	9.2	89	6.2	4.8
21...	1425	75.0	1.00	15.1	35	9.1	91	6.2	3.2
21...	1426	75.0	5.00	14.1	34	9.2	90	6.3	3.4
MAY									
24...	0830	10.0	1.00	27.2	37	7.8	98	6.8	2.5
24...	0831	10.0	5.00	27.2	37	7.8	98	6.8	2.2
24...	0832	10.0	10.0	25.0	40	5.4	66	6.3	5.6
24...	0840	40.0	1.00	27.1	37	7.8	98	6.7	2.2
24...	0841	40.0	5.00	27.1	37	7.8	98	6.7	2.2
24...	0842	40.0	10.0	25.4	41	5.5	72	6.2	4.8
24...	0845	80.0	1.00	27.1	37	7.7	97	6.6	2.3
24...	0846	80.0	5.00	27.1	37	7.7	97	6.6	2.3
JUL									
18...	0820	30.0	1.00	29.4	35	7.1	93	5.6	1.9
18...	0821	30.0	5.00	29.4	35	6.8	89	5.8	2.1
18...	0825	60.0	1.00	29.4	35	7.0	91	5.8	2.3
18...	0826	60.0	5.00	29.4	35	7.0	92	5.8	2.0
18...	0827	60.0	10.0	29.3	36	5.9	77	5.7	2.2
18...	0836	80.0	1.00	29.4	35	6.9	90	5.8	1.9
18...	0837	80.0	5.00	29.4	35	6.9	91	5.8	2.0
18...	0838	80.0	10.0	29.3	35	6.7	88	5.8	2.3
SEP									
19...	1615	20.0	1.00	28.1	34	8.0	102	6.1	2.0
19...	1617	20.0	5.00	27.8	34	7.7	98	6.1	1.8
19...	1618	20.0	10.0	26.8	36	5.7	71	5.6	2.4
19...	1625	50.0	1.00	27.9	34	7.8	100	6.0	1.1
19...	1626	50.0	5.00	27.7	34	7.6	96	6.0	1.5
19...	1630	50.0	10.0	26.6	37	6.3	78	5.2	1.9
19...	1635	80.0	1.00	28.2	34	8.0	102	5.7	1.3
19...	1637	80.0	5.00	27.7	34	7.1	90	5.9	1.0

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480004 HAMILTON CREEK (BIG CREEK LAKE INTAKE) NEAR SEMMES, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DISIT FIELD MG/L AS HCO3 (00453)
DEC 12...	1015	13.1	1.3	1.6	2.45	5	31	36	9.7	92	6.6	6.9	5
DATE	TIME	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	
DEC 12...	4	E7	E7	<.1	<.1	.45	.22	.060	.07	<.010	<.01		
DATE	TIME	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L ASN) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	
DEC 12...	<.20	.29	.2	.150	.09	.08	2.0	.007	.003	<.001	.40		
DATE	TIME	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	
DEC 12...	<.001	8	4	1.90	.900	2.6	.4	38	.60	4.5	2.9		
DATE	TIME	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)		
DEC 12...	<.1	3.1	10	190	80	15	5.9	19	20	.03			

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480004 HAMILTON CREEK (BIG CREEK LAKE INTAKE) NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)
FEB 21...	1525	14.1	16.5	2.7	2.52	--	34	38	9.6	94	6.4	<1	E2
MAY 24...	1030	--	--	--	2.15	--	--	37	--	--	--	<1	<1
JUL 18...	0950	--	--	1.7	2.10	--	--	37	--	--	--	4	E3
SEP 19...	1545	--	--	--	2.37	.40	--	36	--	--	--	1	E4

DATE	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
FEB 21...	<.1	<.1	.47	--	.19	--	.040	.05	<.010	<.01	<.20
MAY 24...	<.1	<.1	.49	.37	.42	.30	.015	<.01	<.010	<.01	.32
JUL 18...	5.6	<.1	--	--	--	--	<.010	<.01	<.010	<.01	.32
SEP 19...	5.9	<.1	--	--	.29	--	<.010	.01	<.010	<.01	.30

DATE	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)
FEB 21...	.24	.2	.220	.06	.05	2.1	.003	.006	.002	<.001	--	.001
MAY 24...	.44	.1	.050	--	.02	2.2	--	.007	.002	<.001	--	<.001
JUL 18...	.46	<.02	<.020	--	--	--	--	.010	.004	c<.001	--	c<.001
SEP 19...	.30	<.02	<.020	.01	--	--	--	c<.002	c<.002	c<.001	4.2	c<.001

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480004 HAMILTON CREEK (BIG CREEK LAKE INTAKE) NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (000002)	SAM- PLING DEPTH (FEET) (000003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
DEC									
12...	1028	50.0	1.00	13.1	31	9.7	93	6.6	1.6
12...	1029	50.0	5.00	13.1	31	9.7	92	6.7	1.4
12...	1030	50.0	10.0	13.1	31	9.7	92	6.6	1.6
12...	1031	50.0	15.0	13.1	31	9.7	92	6.5	1.5
12...	1038	25.0	1.00	13.0	31	9.7	92	6.5	1.5
12...	1100	25.0	5.00	13.0	31	9.8	92	6.7	1.4
12...	1104	75.0	1.00	13.2	32	10	95	6.5	1.7
12...	1105	75.0	5.00	13.2	32	9.9	95	6.5	1.7
FEB									
21...	1455	15.0	1.00	14.8	34	9.7	96	6.5	2.6
21...	1456	15.0	5.00	14.2	34	9.8	95	6.5	2.7
21...	1457	15.0	10.0	14.0	34	9.7	94	6.5	2.7
21...	1500	50.0	1.00	14.8	34	9.7	96	6.5	2.7
21...	1501	50.0	5.00	14.1	34	9.7	94	6.5	2.9
21...	1502	50.0	10.0	13.9	34	9.6	93	6.4	2.9
21...	1504	50.0	15.0	13.9	34	9.5	92	6.4	2.7
21...	1505	50.0	20.0	13.8	34	9.4	91	6.3	2.9
21...	1510	85.0	1.00	15.7	34	9.5	96	6.5	2.6
21...	1511	85.0	5.00	14.2	34	9.6	94	6.4	3.0
21...	1512	85.0	10.0	13.9	34	9.6	92	6.4	3.0
MAY									
24...	1005	75.0	1.00	26.9	36	8.0	100	6.8	1.9
24...	1006	75.0	5.00	26.8	36	7.9	98	6.8	1.8
24...	1007	75.0	10.0	26.8	36	7.8	98	6.8	1.8
24...	1010	50.0	1.00	26.9	36	7.9	99	6.8	1.7
24...	1011	50.0	5.00	26.9	36	7.9	99	6.8	1.7
24...	1012	50.0	10.0	26.8	36	7.9	99	6.8	2.0
24...	1013	50.0	15.0	25.9	36	6.8	83	6.5	2.6
24...	1014	50.0	20.0	22.6	37	3.0	33	6.0	4.1
24...	1020	25.0	1.00	27.0	36	7.9	100	6.7	1.8
24...	1021	25.0	5.00	27.0	36	8.0	100	6.8	1.7
24...	1022	25.0	10.0	26.9	36	7.9	100	6.8	1.8
JUL									
18...	0925	25.0	1.00	29.9	34	7.5	100	6.0	1.3
18...	0926	25.0	5.00	29.7	34	7.6	100	5.9	1.7
18...	0927	25.0	10.0	29.7	34	7.5	98	5.9	1.6
18...	0932	60.0	1.00	29.9	34	7.3	97	5.8	1.5
18...	0933	60.0	5.00	29.7	34	7.3	96	5.9	1.8
18...	0934	60.0	10.0	29.7	34	7.1	93	5.8	1.8
18...	0935	60.0	15.0	29.3	35	4.7	61	5.4	2.2
18...	0936	60.0	20.0	27.7	38	.7	9	5.2	3.8
18...	0943	80.0	1.00	30.0	34	7.3	98	5.7	1.5
18...	0944	80.0	5.00	29.7	34	7.2	96	5.7	1.7
18...	0945	80.0	10.0	29.6	34	7.0	92	5.8	2.2
SEP									
19...	1507	15.0	1.00	28.0	34	7.7	99	4.8	1.1
19...	1510	15.0	5.00	27.6	34	7.7	98	4.9	1.2
19...	1511	15.0	10.0	27.6	34	7.6	96	5.0	1.3
19...	1515	50.0	1.00	27.9	34	7.6	97	5.2	1.5
19...	1517	50.0	5.00	27.7	34	7.6	97	5.3	1.3
19...	1520	50.0	10.0	27.6	34	7.4	94	5.3	1.2
19...	1521	50.0	15.0	27.4	34	6.8	85	5.2	1.7
19...	1525	50.0	20.0	26.9	37	5.0	63	5.0	2.6
19...	1530	80.0	1.00	28.0	34	7.7	98	5.7	2.6
19...	1533	80.0	5.00	27.7	34	7.5	95	5.7	1.7
19...	1535	80.0	10.0	27.5	34	6.9	87	5.5	1.8

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480009 HAMILTON CREEK CROSS-SECTION AT MOUTH NEAR SEMMES, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
DEC 13...	0845	12.6	2.3	2.37	32	37	9.5	90	6.2	6.8	5	4	E10
DATE	TIME	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	
DEC 13...	E10	<.1	<.1	.39	.36	.17	.10	.111	.07	<.010	<.01		
DATE	TIME	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	
DEC 13...	.21	.24	.1	.150	.09	.14	1.7	.006	.002	<.001	<.001		
DATE	TIME	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	
DEC 13...	9	5	2.00	.900	2.4	.4	35	.70	4.3	3.3	<.1		
DATE	TIME	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	BORON, DIS- SOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)			
DEC 13...		3.0	10	190	80	24	7.2	20	20	.03			
DATE	TIME	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)
FEB 21...	0900	18.0	770	2.94	--	34	39	6.5	E2	E3	<.1	<.1	.47
MAY 23...	1730	28.0	763	2.20	--	--	36	--	1	E1	<.1	<.1	.46
JUL 17...	1545	--	--	2.33	--	--	36	--	E10	E10	6.4	<.1	--

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480009 HAMILTON CREEK CROSS-SECTION AT MOUTH NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
FEB 21...	.43	.19	.18	.031	.05	<.010	<.01	.21	.24	.2	.220
MAY 23...	.34	.37	.25	.013	.01	<.010	<.01	.26	.38	.1	.080
JUL 17...	--	--	--	<.010	<.01	<.010	<.01	.23	.39	<.02	<.020
DATE	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, TOTAL (MG/L AS NO3) (71887)	PHOS- PHATE, TOTAL (MG/L AS PO4) (00650)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L ASP) (70507)	
FEB 21...	.06	.04	2.1	.003	--	.007	.003	<.001	--	.001	
MAY 23...	.01	.02	2.0	--	--	.007	.002	<.001	--	<.001	
JUL 17...	--	--	--	--	--	.008	.010	c<.001	--	c<.001	
DATE	TIME	DEPTH TO TOP OF SAMPLE INTER- VAL(IN METERS) (82047)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL(IN METERS) (82048)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	TANNIN AND LIGNIN (MG/L) (32240)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	
SEP 19...	1230	.00	4.6	2.64	.40	36	E5	E2	<.1	<.1	
SEP 19...	1235	7.6	10.7	--	.70	39	--	--	--	--	
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)		
SEP 19....	29	.020	.01	<.010	<.01	<.20	.30	<.02	<.020		
SEP 19...	--	Ec.170	Ec.17	<.010	<.01	.30	.50	<.02	<.020		
DATE	NITRO- GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOS- PHORUS ORTHO TOTAL (MG/L ASP) (70507)				
SEP 19...	.01	.03	Ec.002	Ec.002	c<.001	4.1	c<.001				
SEP 19....	--	--	c<.002	c<.002	Ec.002	--	c<.001				

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480009 HAMILTON CREEK CROSS-SECTION AT MOUTH NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (000002)	SAM- PLING DEPTH (FEET) (000003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
DEC									
13...	0902	30.0	1.00	12.6	32	9.6	91	--	2.3
13...	0903	30.0	5.00	12.6	32	9.6	90	6.5	2.2
13...	0904	30.0	10.0	12.6	32	9.5	90	6.5	3.0
13...	0906	30.0	20.0	12.6	32	9.5	90	6.5	2.3
13...	0908	30.0	30.0	12.6	32	9.5	89	6.4	2.3
13...	0910	30.0	40.0	12.5	32	9.5	89	6.2	2.3
13...	0911	30.0	45.0	12.6	32	9.5	89	6.3	2.5
13...	0915	10.0	1.00	12.6	32	9.6	91	6.4	2.3
13...	0916	10.0	5.00	12.6	32	9.5	90	6.4	2.1
13...	0917	10.0	10.0	12.6	32	9.5	90	6.2	2.5
13...	0918	10.0	15.0	12.6	32	9.5	90	6.2	2.3
13...	0922	60.0	1.00	12.6	32	9.6	91	6.3	2.4
13...	0923	60.0	5.00	12.6	32	9.5	90	6.2	2.2
13...	0924	60.0	10.0	12.6	32	9.5	90	6.2	2.2
13...	0925	60.0	20.0	12.6	32	9.5	90	6.1	2.5
13...	0928	60.0	25.0	12.5	32	9.5	89	6.2	2.4
13...	0930	80.0	1.00	12.5	32	9.6	90	6.2	2.4
13...	0931	80.0	5.00	12.5	32	9.5	90	6.2	2.2
13...	0932	80.0	10.0	12.5	32	9.5	89	6.2	2.5
13...	0935	80.0	15.0	12.4	32	9.5	89	6.1	2.4
FEB									
21...	0805	15.0	1.00	15.4	34	9.8	98	6.5	2.5
21...	0806	15.0	5.00	14.8	34	9.9	98	6.3	2.8
21...	0807	15.0	10.0	14.5	34	9.8	97	6.2	3.0
21...	0808	15.0	15.0	14.4	34	9.7	96	6.1	3.1
21...	0809	15.0	20.0	14.5	34	9.5	93	6.2	9.8
21...	0815	25.0	1.00	15.7	34	9.7	98	6.5	2.7
21...	0816	25.0	5.00	14.7	34	9.8	97	6.6	3.0
21...	0817	25.0	10.0	14.4	34	9.8	96	6.5	3.0
21...	0818	25.0	15.0	14.2	34	9.7	95	6.2	2.8
21...	0819	25.0	20.0	14.1	34	9.7	95	6.0	3.3
21...	0820	25.0	25.0	13.8	34	9.7	93	6.0	2.9
21...	0821	25.0	30.0	13.8	34	9.4	91	5.9	3.0
21...	0822	25.0	35.0	13.7	34	9.3	90	5.9	3.5
21...	0823	25.0	40.0	13.7	34	9.1	88	5.9	3.6
21...	0830	60.0	1.00	15.7	34	9.7	98	6.6	2.5
21...	0831	60.0	5.00	15.2	34	9.7	97	6.6	2.7
21...	0832	60.0	10.0	14.3	34	9.8	95	6.6	2.7
21...	0833	60.0	15.0	14.1	34	9.7	94	6.6	3.1
21...	0834	60.0	20.0	13.9	34	9.6	93	6.5	3.3
21...	0840	85.0	1.00	15.8	34	9.8	98	6.6	2.5
21...	0841	85.0	5.00	15.7	34	9.7	97	6.6	2.6
21...	0842	85.0	10.0	14.4	34	9.8	95	6.6	3.0
21...	0843	85.0	15.0	14.0	34	9.7	94	6.6	3.0

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480009 HAMILTON CREEK CROSS-SECTION AT MOUTH NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (000002)	SAM- PLING DEPTH (FEET) (000003)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)
MAY									
23...	1700	30.0	1.00	28.0	36	8.4	108	6.9	1.1
23...	1701	30.0	5.00	27.8	36	8.4	107	6.8	1.3
23...	1702	30.0	10.0	25.9	36	8.2	101	6.6	1.5
23...	1703	30.0	15.0	25.6	36	8.1	99	6.6	1.7
23...	1704	30.0	20.0	24.6	36	6.0	73	6.1	2.0
23...	1705	30.0	25.0	21.4	37	3.2	37	5.6	3.3
23...	1706	30.0	30.0	20.7	37	2.9	32	5.5	2.8
23...	1707	30.0	35.0	19.9	37	2.3	26	5.5	3.1
23...	1712	50.0	1.00	27.6	36	8.1	103	6.5	1.6
23...	1713	50.0	5.00	27.6	36	8.2	104	6.7	1.7
23...	1714	50.0	10.0	25.9	36	8.0	99	6.6	1.7
23...	1715	50.0	15.0	25.8	36	7.8	97	6.5	1.6
23...	1716	50.0	20.0	25.5	36	7.0	83	6.3	1.9
23...	1717	50.0	25.0	21.5	37	3.7	44	5.8	3.8
23...	1719	85.0	1.00	27.2	36	8.2	103	6.6	1.8
23...	1720	85.0	5.00	27.1	36	8.3	104	6.7	1.8
23...	1721	85.0	10.0	26.0	35	8.0	98	6.7	2.1
JUL									
17...	1525	25.0	1.00	30.7	34	8.2	110	5.4	1.1
17...	1526	25.0	5.00	30.7	34	8.1	109	5.4	1.2
17...	1527	25.0	10.0	30.6	34	8.1	108	5.5	1.1
17...	1540	60.0	1.00	30.6	34	8.0	107	5.8	1.4
17...	1541	60.0	5.00	30.5	34	8.0	107	5.8	1.5
17...	1542	60.0	10.0	30.3	34	7.9	105	5.9	1.6
17...	1543	60.0	15.0	29.7	34	6.3	83	5.3	1.7
17...	1544	60.0	20.0	28.7	34	2.4	32	5.0	2.2
17...	1546	60.0	25.0	27.8	44	.2	2	5.0	.4
17...	1547	60.0	30.0	22.9	48	.1	2	5.1	.4
17...	1600	80.0	1.00	30.6	34	8.0	107	5.8	1.6
17...	1601	80.0	5.00	30.5	34	8.0	107	5.9	1.6
17...	1602	80.0	10.0	30.2	34	7.8	103	5.8	1.7
17...	1603	80.0	15.0	29.8	34	7.0	92	5.5	1.8
17...	1604	80.0	20.0	29.5	34	7.0	92	5.3	2.2
17...	1620	80.0	25.0	25.8	42	M	0	5.1	.7
17...	1621	80.0	30.0	23.0	48	.1	0	5.2	.5
17...	1622	80.0	35.0	22.4	50	.1	0	5.2	.5
SEP									
19...	1155	25.0	1.00	27.6	33	7.1	90	6.1	1.7
19...	1156	25.0	5.00	27.6	33	7.1	90	6.0	1.6
19...	1157	25.0	10.0	27.5	33	7.0	89	6.0	1.6
19...	1158	25.0	15.0	27.5	34	6.8	86	6.0	1.6
19...	1159	25.0	20.0	27.3	34	5.9	74	5.8	2.0
19...	1200	25.0	25.0	26.3	47	.1	2	5.3	2.6
19...	1201	25.0	30.0	24.3	61	.1	1	5.6	1.3
19...	1202	25.0	35.0	23.9	64	.1	1	5.7	1.5
19...	1203	25.0	40.0	23.3	63	.1	0	5.8	1.4
19...	1204	25.0	45.0	22.3	72	.1	0	5.8	2.5
19...	1210	50.0	1.00	27.6	33	7.2	91	6.3	1.6
19...	1211	50.0	5.00	27.6	34	7.1	90	6.2	1.6
19...	1212	50.0	10.0	27.6	34	7.0	89	6.1	1.6
19...	1213	50.0	15.0	27.6	34	6.9	88	6.1	1.6
19...	1214	50.0	20.0	27.4	34	4.2	58	5.8	1.8
19...	1215	50.0	25.0	26.8	38	.2	2	5.4	5.9
19...	1231	80.0	1.00	27.7	34	7.1	90	6.0	1.5
19...	1232	80.0	5.00	27.6	33	7.1	90	6.0	2.1

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
APALACHICOLA RIVER BASIN									
02342500 UCHEE CREEK NEAR FORT MITCHELL, AL									
OCT 2000					JUN 2001				
02...	1725	8.3	24.0	57	06...	0920	83	26.0	47
DEC					JUL				
08...	1110	38	7.0	82	31...	1605	18	31.5	60
APR 2001									
04...	0850	4930	18.5	38					
02342933 SOUTH FORK COWIKEE CREEK NEAR BATESVILLE, AL									
OCT 2000					APR 2001				
03...	0950	1.6	18.5	146	10...	1155	126	20.5	103
DEC					JUN				
08...	1355	4.4	8.0	141	06...	1210	13	27.5	108
FEB 2001									
06...	1400	23	11.5	164					
CHOCTAWHATCHEE RIVER BASIN									
02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL									
OCT 2000					APR 2001				
03...	1540	120	23.5	96	10...	1545	1460	19.0	58
DEC					MAY				
12...	1120	225	13.0	97	31...	1140	233	27.0	90
FEB 2001									
07...	0830	492	10.0	67					
02361500 CHOCTAWHATCHEE RIVER NEAR BELLWOOD, AL									
DEC 2000					APR 2001				
07...	1140	468	9.0	102	11...	1350	2830	19.5	81
FEB 2001					JUN				
07...	1105	1030	10.0	79	06...	1555	468	27.0	92
02362240 LITTLE DOUBLE BRIDGES CREEK NEAR ENTERPRISE, AL									
OCT 2000					APR 2001				
04...	0915	4.0	18.5	49	11...	1555	7.2	20.0	45
DEC					JUN				
12...	1435	10	12.5	53	08...	0925	9.0	24.5	62
FEB 2001					AUG				
07...	1350	17	10.0	50	01...	1530	14	27.5	42
02363000 PEA RIVER NEAR ARITON, AL									
OCT 2000					APR 2001				
03...	1300	30	22.5	76	11...	0945	1200	19.5	47
DEC					MAY				
12...	0905	78	11.5	90	31...	1430	84	27.5	114
FEB 2001					AUG				
06...	1650	230	10.0	61	02...	0850	102	29.5	100
BLACKWATER RIVER BASIN									
02369800 BLACKWATER RIVER NEAR BRADLEY, AL									
OCT 2000					APR 2001				
05...	1250	22	21.0	22	12...	1545	78	19.0	21
DEC					JUN				
13...	1335	37	13.0	30	07...	1405	29	27.0	31
FEB 2001					AUG				
08...	1420	52	12.5	29	03...	0950	38	27.5	48

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
ESCAMBIA RIVER BASIN									
02371500 CONECH RIVER AT BRANTLEY, AL									
OCT 2000					APR 2001				
04...	1545	22	28.5	202	12...	1010	1590	19.0	53
24...	1045	19	18.5	176	JUN				
DEC					08...	1215	55	27.5	157
11...	1510	50	12.5	139					
FEB 2001									
08...	1040	380	11.0	92					
02372250 PATSALIGA CREEK NEAR BRANTLEY, AL									
OCT 2000					APR 2001				
04...	1310	27	20.5	166	12...	1230	746	18.5	41
24...	1235	16	19.0	162	JUN				
DEC					08...	1400	81	26.0	134
11...	1250	87	11.5	129					
FEB 2001									
08...	0815	418	9.5	91					
02372422 CONECH RIVER BELOW POINT A DAM NEAR RIVER FALLS, AL									
OCT 2000					JUN 2001				
05...	0955	68	24.5	104	07...	1525	75	25.5	84
DEC									
13...	1000	66	13.0	100					
02373000 SEPULGA RIVER NEAR MCKENZIE, AL									
OCT 2000					FEB 2001				
10...	1515	6.0	17.0	--	09...	1400	213	10.0	70
DEC									
14...	1325	132	12.0	128					
02374250 CONECH RIVER AT STATE HIGHWAY 41 NEAR BREWTON, AL									
OCT 2000									
05...	1600	221	28.0	113					
02374500 MURDER CREEK NEAR EVERGREEN, AL									
OCT 2000					FEB 2001				
10...	1645	45	14.5	--	09...	1150	130	12.0	57
DEC					APR				
14...	1045	176	12.5	92	25...	1440	309	19.0	36
02374700 MURDER CREEK AT STATE HIGHWAY 41 AT BREWTON, AL									
OCT 2000					FEB 2001				
06...	0945	94	23.5	91	09...	0815	370	11.5	85
DEC									
13...	1630	168	12.0	93					
02374745 BURNT CORN CREEK AT STATE HIGHWAY 41 NEAR BREWTON, AL									
OCT 2000					APR 2001				
06...	1105	18	24.0	58	25...	1130	135	19.5	82
DEC					AUG				
14...	0825	116	13.0	73	08...	1440	185	27.0	91
FEB 2001									
09...	1000	190	12.0	84					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
MOBILE RIVER BASIN									
02398037 CHATTOOGA RIVER AT CHATTOOGAVILLE, GA									
OCT 2000					APR 2001				
11...	1110	66	12.5	1030	19...	1350	340	15.0	267
JAN 2001					JUN				
04...	1200	121	1.5	306	26...	1550	172	23.0	533
FEB					AUG				
13...	1110	318	9.5	284	28...	1025	154	23.0	563
02398250 MILLS CREEK AT DEWEY, AL									
OCT 2000					APR 2001				
11...	0955	10	9.5	220	19...	1045	82	12.5	155
JAN 2001					JUN				
04...	1010	22	1.5	134	27...	0855	23	20.0	248
FEB					AUG				
13...	0935	93	9.0	136	28...	0900	26	21.5	237
02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE, AL									
OCT 2000					JUN 2001				
11...	0800	86	11.5	873	27...	0755	204	22.0	499
JAN 2001					AUG				
04...	0825	157	1.5	290	28...	1150	222	22.5	267
APR									
18...	0905	489	13.5	240					
02398950 WEST FORK LITTLE RIVER AT DESOTA PARK NEAR FORT PAYNE, AL									
OCT 2000					JUN 2001				
11...	1340	.76	14.5	39	26...	1330	19	23.0	43
JAN 2001					AUG				
04...	1450	26	2.0	18	28...	1320	.57	26.0	43
APR									
19...	1600	70	13.5	18					
02399200 LITTLE RIVER NEAR BLUE POND, AL									
OCT 2000					JUN 2001				
11...	1510	3.8	15.0	48	26...	1120	68	23.0	55
APR 2001					AUG				
20...	0745	286	12.5	24	28...	1530	51	23.0	46
02400100 TERRAPIN CREEK AT ELLISVILLE, AL									
OCT 2000					APR 2001				
10...	1715	67	15.0	208	20...	1140	341	15.0	101
JAN 2001					JUN				
05...	1145	106	6.5	112	27...	1045	204	22.0	183
FEB					AUG				
13...	1410	379	10.5	104	29...	0755	108	23.5	210
02401000 BIG WILLS CREEK NEAR REECE CITY, AL									
OCT 2000					JUN 2001				
12...	0855	43	10.0	522	26...	0750	118	20.0	308
JAN 2001					AUG				
03...	1425	78	1.5	193	27...	1320	68	24.0	492
FEB									
14...	1150	457	10.0	193					
02401376 LITTLE CANOE CREEK AT SPRINGVILLE, AL									
SEP 2001									
27...	0930	12	16.0	249					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
MOBILE RIVER BASIN--Continued									
02401390 BIG CANOE CREEK AT ASHVILLE, AL									
OCT 2000					APR 2001				
12...	1250	11	12.5	254	18...	0915	233	14.0	120
JAN 2001					JUN				
03...	1055	54	.5	112	25...	1445	101	22.5	204
FEB					AUG				
07...	1410	137	8.5	121	22...	1230	33	24.0	252
02403395 CHOCCOLOCCO CREEK AT OXFORD, AL									
OCT 2000					JUN 2001				
04...	0755	25	--	516	20...	0740	130	23.5	324
DEC					AUG				
12...	1035	71	11.0	616	22...	0815	79	23.0	483
FEB 2001									
07...	0805	167	8.5	157					
02404400 CHOCCOLOCCO CREEK AT JACKSON SHOAL NEAR LINCOLN, AL									
OCT 2000					MAY 2001				
03...	1600	114	22.0	368	09...	1035	416	20.0	262
DEC					JUN				
11...	0810	191	10.0	301	20...	2000	393	24.0	260
FEB 2001					AUG				
07...	1115	388	9.5	151	22...	1000	262	24.0	310
02405500 KELLY CREEK NEAR VINCENT, AL									
OCT 2000					APR 2001				
03...	1430	3.5	20.0	128	23...	1200	182	18.5	56
DEC					JUN				
11...	1625	17	10.0	104	25...	1220	76	23.0	135
FEB 2001					AUG				
08...	0805	161	7.0	45	22...	1440	32	26.0	98
02406500 TALLADEGA CREEK AT ALPINE, AL									
OCT 2000					APR 2001				
03...	1250	44	18.5	283	23...	1025	267	18.0	148
DEC					JUN				
11...	1420	65	12.5	220	20...	1110	168	22.0	216
FEB 2001					AUG				
08...	1120	115	10.5	124	23...	0915	84	21.0	250
02406947 TALLASSEEHATCHEE CREEK ABOVE CHILDERSBURG, AL									
MAY 2001					AUG 2001				
15...	0925	57	20.0	354	23...	1010	21	23.5	668
JUL					SEP				
20...	1100	30	25.0	565	19...	1010	21	20.0	674
02408425 TRIBUTARY TO BAKER CREEK NEAR GOODWATER, AL									
MAY 2001					AUG 2001				
15...	1125	6.9	17.5	59	23...	1210	2.8	21.5	62
JUL					SEP				
25...	1435	7.8	24.0	56	19...	1215	1.8	20.5	69
02408540 HATCHET CREEK BELOW ROCKFORD, AL									
OCT 2000					APR 2001				
10...	1005	22	12.0	48	02...	1050	716	12.0	25
DEC					JUN				
11...	1010	95	9.0	54	25...	0915	209	22.5	92
AUG									
20...	0955	98	26.0	49					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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MOBILE RIVER BASIN--Continued									
02411930 TALLAPOOSA RIVER BELOW TALLAPOOSA, GA									
OCT 2000					APR 2001				
04...	1455	12	21.0	62	24...	0720	280	18.0	35
DEC					JUN				
12...	1425	93	7.5	55	19...	1350	151	24.5	55
FEB 2001					AUG				
07...	1530	190	7.0	32	21...	1420	50	25.0	70
02412000 TALLAPOOSA RIVER NEAR HEFLIN, AL									
OCT 2000					APR 2001				
04...	1320	21	21.0	50	24...	0840	472	18.0	35
DEC					JUN				
12...	1245	145	7.0	51	19...	1200	236	24.0	55
FEB 2001					AUG				
07...	1355	294	6.5	31	21...	1235	88	25.0	66
02413210 LITTLE TALLAPOOSA RIVER BELOW BOWDON, GA									
OCT 2000					APR 2001				
05...	1055	15	18.0	131	24...	1145	246	18.5	56
DEC					JUN				
13...	0835	76	6.0	100	19...	0950	154	22.5	84
FEB 2001					AUG				
07...	1145	162	6.0	43	21...	0950	40	23.0	114
02413300 LITTLE TALLAPOOSA RIVER NEAR NEWELL AL									
OCT 2000					APR 2001				
04...	1105	33	19.0	80	24...	1035	464	18.5	46
DEC					JUN				
12...	1000	131	6.5	73	19...	0825	269	23.5	88
FEB 2001					AUG				
07...	1020	290	6.5	40	21...	0835	85	23.0	84
02414525 HIGH PINE CREEK NEAR ROANOKE, AL									
OCT 2000					APR 2001				
05...	1330	1.2	19.5	108	03...	0805	36	13.0	41
DEC					JUN				
12...	1255	5.9	6.5	84	18...	1605	17	26.0	71
FEB 2001					AUG				
05...	1715	16	8.5	46	20...	1445	8.2	26.5	80
02415000 HILLABEE CREEK NEAR HACKNEYVILLE, AL									
OCT 2000					APR 2001				
10...	1240	15	13.0	30	02...	1350	399	13.5	23
JAN 2001					JUN				
05...	1515	100	2.5	26	18...	1405	215	24.0	41
FEB					AUG				
05...	1250	196	7.0	24	20...	1215	71	25.0	45
02416035 SUGAR CREEK NEAR ALEXANDER CITY, AL									
OCT 2000					AUG 2001				
05...	1300	12	28.5	1960	23...	1330	.98	24.0	220
MAY 2001					SEP				
15...	1315	11	26.5	2010	19...	1340	.96	22.5	245
JUL									
20...	1400	12	25.5	226					
02418179 SOUGAHATCHEE CREEK NEAR AUBURN, AL									
OCT 2000					AUG 2001				
05...	1500	11	25.5	1080	23...	1500	13	26.5	1650
MAY 2001					SEP				
15...	1540	17	23.0	472	19...	1510	40	21.0	304
JUL									
18...	1250	14	26.5	1030					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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MOBILE RIVER BASIN--Continued									
02418230 SOUGAHATCHEE CREEK AT COUNTY ROAD 188 NEAR LOACHAPOKA, AL									
OCT 2000					JUN 2001				
02...	1415	10	20.0	732	05...	1300	54	23.0	194
DEC					JUL				
07...	1600	16	8.0	688	31...	1235	24	26.0	579
FEB 2001									
05...	1335	46	9.0	252					
02419000 UPHAPEE CREEK NEAR TUSKEGEE, AL									
OCT 2000					APR 2001				
02...	1255	16	25.0	230	03...	1300	487	19.5	46
DEC					JUN				
07...	1445	45	9.0	216	05...	1040	127	24.5	97
FEB 2001					JUL				
05...	1125	214	9.5	91	31...	1115	38	28.0	126
02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL									
OCT 2000					JUL 2001				
31...	1020	2.2	20.0	--	12...	0940	2.6	26.5	136
MAR 2001					AUG				
02...	2055	500	19.5	--	02...	1110	2.8	26.0	114
MAY					SEP				
01...	1045	3.2	20.7	117	06...	0830	3.4	25.0	116
JUN									
07...	1100	3.6	25.0	131					
02421000 CATOMA CREEK NEAR MONTGOMERY, AL									
OCT 2000					APR 2001				
06...	0920	.67	23.0	299	16...	1435	99	22.5	174
FEB 2001									
08...	1330	78	11.0	182					
02421115 PINTLALLA CREEK AT LIBERTY CHURCH ROAD NEAR PINTLALLA, AL									
NOV 2000									
17...	1350	.97	11.5	130					
02422500 MULBERRY CREEK AT JONES, AL									
OCT 2000					APR 2001				
04...	0840	29	18.5	34	12...	0945	325	20.0	34
NOV					JUN				
29...	0900	80	9.5	42	18...	1035	119	26.0	38
JAN 2001									
25...	1025	117	6.5	42					
02423130 CAHABA RIVER AT TRUSSVILLE, AL									
JAN 2001					JUN 2001				
08...	1340	17	6.5	131	19...	1020	3.3	25.0	205
FEB					SEP				
21...	1255	20	14.5	137	14...	1005	9.8	22.0	191
MAY									
15...	1310	1.7	24.5	220					
02423380 CAHABA RIVER NEAR MOUNTAIN BROOK, AL									
FEB 2001									
20...	1605	349	11.0	131					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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MOBILE RIVER BASIN--Continued									
02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL									
OCT 2000 31...	0955	3.2	18.0	385	MAY 2001 16...	0850	7.8	19.0	359
JAN 2001 09...	0845	13	7.0	378	JUN 20...	1035	15	21.5	417
FEB 21...	0843	35	14.0	378	AUG 02...	0925	14	21.5	365
APR 09...	1005	66	17.5	312					
02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL									
OCT 2000 31...	1100	3.9	19.0	478	MAY 2001 16...	1020	9.6	19.5	361
JAN 2001 09...	1030	17	6.5	350	JUN 20...	0845	10	21.5	--
FEB 21...	1005	46	14.5	354	AUG 02...	1045	14	23.0	404
APR 09...	1130	75	18.0	308	SEP 11...	1000	30	21.5	396
02423425 CAHABA RIVER NEAR CAHABA HEIGHTS, AL									
OCT 2000 04...	1600	2.3	22.0	261	APR 2001 03...	0845	208	14.0	189
NOV 02...	0800	2.5	18.5	418	MAY 17...	0835	8.3	23.0	248
DEC 08...	0805	4.0	6.5	250	AUG 16...	1355	85	27.0	173
02423496 CAHABA RIVER NEAR HOOVER, AL									
OCT 2000 05...	0930	1.7	20.5	305	MAY 2001 16...	1255	22	24.0	241
30...	0950	4.1	18.5	266	JUN 19...	1455	57	28.0	239
JAN 2001 09...	1345	137	4.5	241	AUG 03...	1310	8.6	29.0	261
FEB 20...	1350	426	10.5	141	SEP 17...	1115	63	22.5	224
APR 02...	1240	280	14.0	187					
0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL									
MAY 2001 10...	0840	13	19.5	319	AUG 2001 23...	1120	14	22.5	366
JUN 28...	1135	23	23.0	317	SEP 26...	1150	13	16.5	--
JUL 23...	1150	12	24.0	142					
02423555 CAHABA RIVER NEAR HELENA, AL									
NOV 2000 01...	1350	27	19.5	438	APR 2001 02...	1215	460	14.5	227
02423586 SHADES CREEK NEAR HOMEWOOD, AL									
SEP 2001 27...	1220	5.3	18.0	324					
02423630 SHADES CREEK NEAR GREENWOOD, AL									
NOV 2000 01...	1035	.49	20.5	288	MAY 2001 17...	1645	17	24.5	281
DEC 07...	1205	10	6.5	--	JUL 10...	1435	20	29.0	253
JAN 2001 24...	1255	80	6.5	246	AUG 21...	1450	26	26.0	232
APR 02...	1625	79	15.5	212					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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MOBILE RIVER BASIN--Continued									
02424000 CAHABA RIVER AT CENTREVILLE, AL									
OCT 2000 17...	1330	141	16.5	306	MAY 2001 17...	1140	393	24.0	271
NOV 28...	1145	434	10.0	241	JUL 16...	1310	314	28.5	249
MAR 2001 22...	1110	8950	10.5	118	SEP 24...	1100	402	23.5	273
02424590 CAHABA RIVER NEAR SUTTLE, AL									
OCT 2000 04...	1110	238	22.5	251					
02425000 CAHABA RIVER NEAR MARION JUNCTION, AL									
OCT 2000 04...	1340	268	24.0	228					
02427020 BOGUE CHITTO CREEK AT COUNTY ROAD 115 BELOW ORRVILLE, AL									
OCT 2000 04...	1610	.03	23.0	101	SEP 2001 25...	1710	14	22.0	194
JUN 2001 20...	1550	18	28.5	192					
02427250 PINE BARREN CREEK NEAR SNOW HILL, AL									
OCT 2000 04...	1800	12	24.5	64	MAR 2001 04...	1315	28900	16.5	41
NOV 30...	1045	46	10.0	83					
02438000 BUTTAHATCHEE RIVER BELOW HAMILTON, AL									
OCT 2000 10...	1505	28	15.0	36	MAY 2001 24...	1000	176	19.5	35
NOV 15...	1535	66	9.0	46	JUN 27...	1015	161	22.5	34
JAN 2001 16...	1420	141	6.0	62	AUG 09...	1845	130	26.5	38
APR 18...	1540	561	14.5	34	SEP 13...	1540	123	25.5	39
02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL									
NOV 2000 17...	1100	13	10.0	--	MAY 2001 31...	1730	.37	26.5	520
DEC 28...	1315	416	5.5	--	JUL 13...	1130	.02	29.5	382
JAN 2001 25...	1200	9.4	6.5	--	AUG 30...	1210	.81	26.0	456
MAR 28...	1200	6.4	10.5	--	SEP 19...	1240	.58	27.0	--
02446500 SIPSEY RIVER NEAR ELROD, AL									
OCT 2000 03...	0850	32	20.0	182	MAY 2001 21...	0955	244	24.5	119
FEB 2001 09...	0840	712	10.5	96	JUL 11...	0940	256	27.5	146
APR 18...	1015	1010	16.0	90	AUG 27...	1345	78	28.5	146
02448500 NOXUBEE RIVER NEAR GEIGER, AL									
OCT 2000 02...	1015	48	21.5	140	JUL 2001 06...	0950	221	--	153
DEC 05...	1010	134	6.5	127	AUG 23...	1420	127	29.0	118

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MOBILE RIVER BASIN--Continued									
02448900 BODKA CREEK NEAR GEIGER, AL									
DEC 2000					MAY 2001				
05...	1400	.54	6.5	272	14...	1610	8.5	23.5	316
APR 2001					JUL				
20...	1430	14	17.5	289	05...	1600	3.0	27.0	220
02449882 BLUE SPRINGS CREEK NEAR BLOUNTSVILLE, AL									
OCT 2000					MAY 2001				
02...	1535	.38	21.5	182	07...	1225	4.7	22.0	166
16...	1550	.05	16.0	188	21...	0905	3.8	22.0	178
NOV					JUN				
13...	1540	1.6	12.5	193	28...	1040	4.1	22.0	167
DEC					AUG				
14...	1500	3.3	8.0	168	06...	0840	1.7	25.0	241
JAN 2001					27...	0920	1.5	24.5	225
16...	0845	4.6	6.5	104					
MAR									
14...	0945	50	12.5	95					
02450000 MULBERRY FORK NEAR GARDEN CITY, AL									
OCT 2000					JUN 2001				
12...	1415	14	17.0	331	25...	1250	104	26.5	147
NOV					AUG				
13...	1110	184	12.0	134	07...	0940	53	27.0	226
APR 2001					SEP				
19...	1430	507	16.0	108	11...	1050	310	24.0	117
MAY									
21...	1415	115	25.5	154					
02450180 MULBERRY FORK NEAR ARKADELPHIA, AL									
OCT 2000					AUG 2001				
12...	1150	18	13.5	319	07...	1355	104	27.5	217
NOV					SEP				
20...	1535	323	--	163	12...	1455	378	25.5	141
JUN 2001									
25...	1605	166	26.5	165					
02450250 SIPSEY FORK NEAR GRAYSON, AL									
OCT 2000					MAY 2001				
10...	1235	1.4	10.5	42	23...	1245	23	19.5	61
NOV					JUN				
15...	1010	5.9	6.5	74	27...	1625	31	21.5	60
JAN 2001					AUG				
09...	1530	16	.5	46	09...	1350	15	25.5	79
MAR					SEP				
01...	1055	264	10.5	61	14...	1240	38	22.5	116
APR									
18...	1120	178	11.5	69					
02450825 CLEAR CREEK AT NEW HOPE CHURCH NEAR POPLAR SPRINGS, AL									
OCT 2000					MAY 2001				
11...	0940	13	8.5	41	23...	1545	78	20.5	34
NOV					JUN				
15...	1305	26	8.0	48	27...	1400	66	21.5	33
JAN 2001					AUG				
09...	1230	59	2.0	41	09...	1605	50	26.0	36
APR					SEP				
17...	1020	254	14.0	32	14...	0915	81	20.5	38

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION
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MOBILE RIVER BASIN--Continued									
02453000 BLACKWATER CREEK NEAR MANCHESTER, AL									
OCT 2000					MAY 2001				
11...	1345	3.4	13.5	348	24...	1350	99	21.5	136
NOV					JUN				
17...	1140	38	10.5	223	26...	1555	66	24.5	174
MAR 2001					AUG				
01...	1505	621	11.0	--	08...	1610	57	28.0	195
APR					SEP				
16...	1355	755	18.0	100	13...	0855	335	22.5	98
02454055 LOST CREEK ABOVE PARRISH, AL									
OCT 2000					MAY 2001				
02...	1150	3.7	18.0	3000	25...	1405	83	21.5	1490
NOV					JUN				
17...	1430	41	9.5	1120	26...	1335	52	24.5	1630
JAN 2001					AUG				
18...	1255	177	7.5	429	08...	1345	32	27.0	2690
APR					SEP				
19...	0925	239	13.5	815	10...	1640	1360	23.5	258
02455000 LOCUST FORK NEAR CLEVELAND, AL									
OCT 2000					APR 2001				
16...	1400	5.9	18.5	360	11...	0905	702	19.0	115
NOV					MAY				
13...	1335	139	12.0	144	21...	1115	71	24.5	206
DEC					JUL				
14...	1315	114	7.0	176	09...	1110	295	25.5	115
JAN 2001					AUG				
16...	1025	265	6.0	87	06...	1025	46	27.0	254
02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL									
FEB 2001					AUG 2001				
22...	0905	75	14.0	--	01...	1110	19	22.0	--
APR					SEP				
05...	0955	284	14.5	176	10...	1245	50	21.0	271
MAY									
15...	1025	27	18.5	277					
02456500 LOCUST FORK AT SAYRE, AL									
OCT 2000					JUN 2001				
12...	0900	43	15.5	372	26...	0915	331	25.5	232
NOV					AUG				
20...	1155	587	9.0	226	08...	1040	244	28.0	292
DEC					SEP				
20...	0955	855	4.5	208	10...	1000	1060	25.0	223
02456980 FIVEMILE CREEK AT LAWSON ROAD NEAR TARRANT CITY, AL									
SEP 2001									
25...	1155	12	17.5	372					
02456998 BARTON BRANCH NEAR TARRANT CITY, AL									
SEP 2001									
25...	1020	1.3	17.0	53					
02457000 FIVEMILE CREEK AT KETONA, AL									
SEP 2001									
25...	0810	13	16.0	364					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
MOBILE RIVER BASIN--Continued									
02457595 FIVEMILE CREEK NEAR REPUBLIC, AL									
OCT 2000 03...	1120	15	19.5	--	MAY 2001 15...	0830	34	19.0	612
NOV 28...	1240	28	10.0	740	JUN 18...	1115	34	24.0	725
JAN 2001 10...	1100	35	3.5	610	AUG 01...	0855	25	27.5	930
FEB 22...	1055	68	15.0	560	SEP 10...	1025	58	23.5	573
APR 05...	1410	420	15.0	320					
02457670 FIVEMILE CREEK BEL PRUDES CREEK NEAR GRAYSVILLE, AL									
NOV 2000 28...	1035	70	9.0	567	MAY 2001 14...	1415	63	20.0	512
JAN 2001 10...	1340	88	4.5	488					
02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL									
DEC 2000 14...	1400	2.2	12.0	--	FEB 2001 21...	1430	5.5	18.5	371
JAN 2001 24...	0950	6.5	11.5	--					
02458200 VILLAGE CREEK AT APALACHEE STREET IN BIRMINGHAM, AL									
OCT 2000 04...	1125	6.2	22.5	--	DEC 2000 08...	1125	9.1	11.5	381
NOV 02...	1035	5.5	20.5	335	SEP 2001 24...	1335	15	23.0	336
02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL									
JAN 2001 24...	1530	30	11.0	--	SEP 2001 24...	1110	28	21.5	403
02458450 VILLAGE CREEK AT AVENUE W AT ENSLEY, AL									
OCT 2000 02...	1050	19	20.0	285	MAY 2001 14...	0850	20	21.0	394
FEB 2001 23...	0955	55	12.0	448	JUL 31...	1400	13	27.5	323
APR 10...	1000	67	20.0	398	SEP 14...	1225	30	25.5	422
02458502 VILLAGE CREEK NEAR PRATT CITY, AL									
SEP 2001 24...	0915	44	22.5	318					
02458600 VILLAGE CREEK NEAR DOCENA, AL									
NOV 2000 27...	1205	92	16.0	471	APR 2001 04...	1510	769	15.5	315
FEB 2001 23...	1135	130	15.0	454					
02461130 VALLEY CREEK AT CENTER STREET AT BIRMINGHAM, AL									
SEP 2001 25...	1450	5.4	22.0	491					
02461500 VALLEY CREEK NEAR BESSEMER, AL									
APR 2001 03...	1205	130	18.0	480	JUL 2001 03...	1215	70	27.0	--
MAY 16...	1620	65	26.5	479	AUG 22...	1425	78	27.5	488

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
MOBILE RIVER BASIN--Continued									
02461630 HALLS CREEK AT BESSEMER, AL									
NOV 2000					JUL 2001				
03...	0925	.79	19.0	392	02...	1255	5.6	24.0	408
APR 2001					AUG				
16...	1300	12	19.5	374	22...	0915	3.6	22.5	408
MAY					SEP				
16...	1315	4.2	22.5	403	26...	1325	4.2	16.0	--
02461640 VALLEY CREEK BELOW BESSEMER, AL									
OCT 2000					MAY 2001				
05...	1205	28	26.5	469	16...	0955	39	24.5	456
NOV					JUL				
02...	1335	32	--	441	02...	1545	64	29.0	457
DEC					AUG				
11...	1305	40	14.5	534	22...	1155	54	27.5	418
APR 2001									
16...	1505	120	22.0	431					
02462000 VALLEY CREEK NEAR OAK GROVE AL									
OCT 2000					MAY 2001				
05...	0900	74	20.0	716	25...	1100	162	22.5	--
DEC					JUL				
08...	1430	104	11.0	1580	03...	0925	156	26.5	981
JAN 2001					AUG				
26...	1255	235	8.5	1110	28...	0900	157	25.0	530
APR									
17...	1235	304	18.0	--					
02464000 NORTH RIVER NEAR SAMANTHA, AL									
DEC 2000					JUN 2001				
12...	1050	20	7.5	648	29...	1405	46	26.0	188
APR 2001					AUG				
18...	1400	378	15.0	105	24...	1025	10	26.5	--
MAY									
18...	1330	37	25.5	323					
02464146 TURKEY CREEK NEAR TUSCALOOSA, AL									
SEP 2001									
26...	1320	4.5	16.0	405					
02464360 BINION CREEK BELOW GIN CREEK NEAR SAMANTHA, AL									
JAN 2001					JUL 2001				
22...	0940	84	4.0	77	11...	1345	18	26.0	44
APR					AUG				
23...	1400	40	19.5	55	24...	1310	14	24.5	51
MAY									
18...	1046	20	20.5	48					
02465493 ELLIOTTS CREEK AT MOUNDVILLE, AL									
JAN 2001					JUN 2001				
23...	1210	45	4.0	23	29...	0910	18	22.5	28
MAY					AUG				
15...	1240	19	20.0	22	27...	0825	13	23.5	21
02467500 SUCARNOOCHEE RIVER AT LIVINGSTON, AL									
OCT 2000					MAY 2001				
02...	1410	56	23.5	54	15...	0825	273	22.0	71
DEC					JUL				
05...	1600	113	6.5	64	05...	1300	204	28.0	--
APR 2001					AUG				
23...	0950	320	20.0	82	23...	1110	113	28.0	60

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
TENNESSEE RIVER BASIN									
03574500 PAINT ROCK RIVER NEAR WOODVILLE, AL									
OCT 2000					MAY 2001				
04...	1445	19	20.5	326	22...	1015	76	22.0	274
NOV					JUL				
06...	1450	7.1	16.5	--	19...	0825	103	23.5	259
JAN 2001					AUG				
10...	1045	147	5.0	148	30...	0900	90	--	275
MAR					SEP				
08...	0850	574	10.0	229	26...	1235	183	18.0	242
APR									
09...	1110	579	16.5	228					
03575830 INDIAN CREEK NEAR MADISON, AL									
OCT 2000					APR 2001				
05...	0945	2.8	19.5	218	17...	1515	128	15.0	203
NOV					MAY				
07...	1005	5.0	17.5	227	22...	1325	26	20.5	190
JAN 2001					JUL				
11...	1155	7.6	3.5	129	12...	1550	54	24.0	224
MAR					SEP				
08...	1200	65	11.0	204	26...	1625	16	16.0	152
03576250 LIMESTONE CREEK NEAR ATHENS, AL									
OCT 2000					MAY 2001				
05...	1330	13	22.0	120	22...	1530	99	22.0	97
NOV					JUL				
07...	1240	17	18.5	124	16...	1440	97	24.0	105
JAN 2001					SEP				
17...	1100	54	6.5	69	27...	1625	101	17.5	84
APR									
12...	1450	130	19.5	98					
03586500 BIG NANCE CREEK AT COURTLAND, AL									
OCT 2000					MAY 2001				
05...	1605	.90	22.0	337	23...	0915	38	18.5	247
NOV					JUL				
07...	1515	.50	19.5	331	16...	1045	65	21.5	238
MAR 2001					AUG				
08...	1435	170	11.5	233	23...	1240	30	23.5	270
APR					SEP				
12...	0945	146	19.5	238	27...	1330	31	17.5	252

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

Short-term water-quality data were collected at several surface-water sites in the Mobile River Study Unit of the National Water-Quality Assessment Program. Data collected includes basic water-quality parameters, pesticide analyses, and suspended sediment analyses. Data are for streams located in Alabama and Georgia.

02397939 CHAPPEL CREEK AT LONG BRANCH ROAD NEAR TRION, GA

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAR 19...	1445	13.3	13.0	747	.56	14	6.6	193	194	10.4	101	7.9	8.0
MAY 09...	1640	16.8	25.0	746	.42	7.9	2.1	231	229	9.1	96	8.0	8.1
DATE	TIME	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
MAR 19...	109	89	E21	<.041	<.006	E.08	E.07	.245	.3	.91	.081	.008	
MAY 09...	139	114	78	<.041	E.005	E.06	E.05	.326	.2	.71	E.022	.007	
DATE	TIME	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
MAR 19...	E.003	<.018	100	11	27.2	7.87	1.0	.0	2	.45	1.8	2.9	
MAY 09...	E.004	<.018	120	1	28.4	10.7	.8	.0	2	.34	1.5	1.5	
DATE	TIME	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
MAR 19...		<.2	6.7	20	18.4	108	103	4.08	.15				
MAY 09...		<.2	6.9	20	19.2	132	120	2.82	.18				

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02397939 CHAPPEL CREEK AT LONG BRANCH ROAD NEAR TRION, GA--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAR 19...	<.010	<.002	<.011	<.015	<.006	<.018	<.003	<.005	<.003	<.005	<.004
MAY 09...	<.010	<.002	<.011	<.015	<.006	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAR 19...	<.013	<.027	<.007	<.005	<.007	<.002	<.004	<.006	<.002	<.009	<.009
MAY 09...	<.013	E.015	<.007	<.005	<.007	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAR 19...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017
MAY 09...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAR 19...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAY 09...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 19...	1445	14	2	.08	91
MAY 09...	1640	7.9	2	.04	75

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02398001 TOWN CREEK NEAR SUMMERVILLE, GA
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAR 19...	1220	14.7	12.5	752	.23	6.6	5.0	270	270	9.6	96	7.7	7.9
MAY 09...	1415	18.1	25.0	748	.15	2.5	4.1	290	285	9.0	98	8.0	8.0
DATE		BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
MAR 19...	148	122	24	<.041	<.006	E.09	E.07	.919	.2	.82	.030	.017	
MAY 09...	168	138	290	<.041	E.005	E.08	E.07	.885	.2	.91	E.015	.018	
DATE		PHOS- PHORUS DIS- SOLVED (MG/L ASP) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
MAR 19...	.009	<.018	130	6	43.3	4.65	2.2	.1	4	.84	3.5	3.7	
MAY 09...	.013	<.018	140	4	47.7	5.42	2.0	.1	3	.83	3.6	2.2	
DATE		FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
MAR 19...	<.2	7.4	M	19.1	152	142	2.72	.21					
MAY 09...	<.2	7.5	M	16.8	162	156	1.12	.22					

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02398001 TOWN CREEK NEAR SUMMERVILLE, GA--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	DEETHYL PRO- METON, WATER, DISS, REC (UG/L) (04037)	ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAR 19...	<.010	<.002	<.011	<.015	E.006	<.018	<.003	<.005	<.003	<.005	<.004	<.005
MAY 09...	<.010	<.002	<.011	E.002	E.009	<.018	<.003	<.005	<.003	<.005	<.004	E.004
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAR 19...	<.013	<.027	<.007	<.005	E.005	<.002	<.004	<.006	<.002	<.009	<.009	<.011
MAY 09...	<.013	<.027	<.007	<.005	.011	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAR 19...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
MAY 09...	<.034	<.035	<.006	<.002	<.002	E.010	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAR 19...	<.021	<.002	<.011	E.007	<.005	<.003	<.010	<.007	<.023	<.050	<.006	
MAY 09...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 19...	1220	6.6	5	.09	96
MAY 09...	1415	2.5	3	.02	88

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02400675 UNNAMED TRIBUTARY TO BIG WILLS CREEK AT STATE HIGHWAY 35 NEAR FORT PAYNE, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
		MAY 07...	1045	17.7		23.5	745	.64	3.4	1.4	358	357	9.2
DATE	TIME	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)
MAY 07...		151	153	260	<.041	.006	.978	E.09	E.07	.984	.2	.91	4.33
DATE	TIME	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)
MAY 07...		.020	.033	.010	.009	<.018	170	49	62.3	4.13	4.6	.2	5
DATE	TIME	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, IRON, DIS- SOLVED (UG/L AS FE) (01046)	SOLIDS, MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
MAY 07...		.71	5.5	16.3	E.1	6.7	M	21.0	207	179	1.91	.28	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02400675 UNNAMED TRIBUTARY TO BIG WILLS CREEK AT STATE HIGHWAY 35 NEAR FORT PAYNE, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAY 07...	<.010	<.002	<.011	.019	<.006	<.018	<.003	<.005	<.003	<.005	<.004	.013
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 07...	<.013	<.027	<.007	<.005	E.003	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 07...	<.034	<.035	<.006	<.010	<.002	E.060	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 07...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.070	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 07...	1045	3.4	3	.03	92

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02400725 MUSH CREEK NEAR PORTERSVILLE, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	
MAY	07...	1415	17.8	25.5	748	.62	5.1	5.8	246	245	10.9	117	8.1	8.2
DATE		BICAR- BONATE WATER DIS IT FIELD (MG/L AS AS NO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS HCO3) (39086)	E COLI, MTEC MF WATER (COL/ CACO3) (31633)	NITRO- GEN, TOTAL (MG/L 100 ML) (00600)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS N) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	
MAY	07...	140	115	130	.56	<.041	.012	.436	E.06	.11	.448	.3	.75	
DATE		NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS C) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	
MAY	07...	1.93	.039	.031	.013	.010	<.018	120	5	43.3	2.89	1.5	.1	
DATE		SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L ASK) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
MAY	07...	3	.83	2.1	5.3	<.2	6.7	M	14.6	146	133	2.02	.20	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02400725 MUSH CREEK NEAR PORTERSVILLE, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
DATE												
MAY 07...	<.010	<.002	<.011	<.015	E.002	<.018	<.003	<.005	<.003	<.005	<.004	<.005
	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THON, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
DATE												
MAY 07...	<.013	<.027	<.007	<.005	E.003	<.002	<.004	<.006	<.002	<.009	<.009	<.011
	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
DATE												
MAY 07...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
DATE												
MAY 07...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050		<.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 07...	1415	5.1	4	.06	92

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02400800 LITTLE WILLS CREEK AT COLLINS CHAPEL ROAD AT COLLINSVILLE, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	
MAY	08...	0745	15.6	17.0	750	.68	5.1	2.5	255	254	7.8	80	7.7	7.9
DATE		BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	
MAY	08...	135	111	380	1.3	<.041	.016	1.15	E.09	.10	1.16	.3	.74	
DATE		NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB CALCIUM DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	
MAY	08...	5.07	.053	.042	.025	.021	<.018	120	10	43.7	2.95	2.1	.1	
DATE		SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L ASK) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
MAY	08...	4	1.09	3.2	5.3	<.2	6.9	<10	17.5	139	137	1.93	.19	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02400800 LITTLE WILLS CREEK AT COLLINS CHAPEL ROAD AT COLLINSVILLE, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAY 08...	<.010	<.002	<.011	E.003	E.002	<.018	<.003	<.005	<.003	<.005	<.004
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ATRA- DI- AZINON, DIS- SOLVED (UG/L) (39572)	ALA- ZINE, WATER, DISS, REC (UG/L) (39632)	ACETO- CHLOR, WATER, DISS, REC (UG/L) (46342)	METRI- CHLOR, WATER FLTRD REC (UG/L) (49260)	2,6-DI- ETHYL BUZIN SENCOR DISSOLV (UG/L) (82630)	TRI- FLUR- ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	PHORATE ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAY 08...	<.013	<.027	<.007	<.005	E.003	<.002	<.004	<.006	<.002	<.009	<.009
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAY 08...	<.034	<.035	<.006	<.002	<.002	E.026	<.002	<.005	<.010	<.020	<.017
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAY 08...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 08...	0745	5.1	2	.03	90

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02401350 BIG CANOE CREEK AT CANOE CREEK ROAD NEAR SPRINGVILLE, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

		TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	
MAY	08...	1605	19.1	25.3	762	12	2.2	148	10.6	115	7.9	8.0	83	68
DATE		E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)		
MAY	08...	24	<.040	.019	E.07	.14	E.042	.2	1.5	.062	.040	.019		
DATE		PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
MAY	08...	.012	<.020	69	0	22.4	3.15	1.2	.1	3	.98	2.0		
DATE		SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
MAY	08...	4.0	<.2	4.7	50	23.9	82	79	2.57	.11				

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02401350 BIG CANOE CREEK AT CANOE CREEK ROAD NEAR SPRINGVILLE, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
DATE												
MAY 08...	<.010	<.002	E.007	<.015	<.006	<.018	<.003	<.005	<.003	<.005	<.004	<.005
	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
DATE												
MAY 08...	<.013	<.027	<.007	<.005	.008	<.002	<.004	<.006	<.002	<.009	<.009	<.011
	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
DATE												
MAY 08...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
DATE												
MAY 08...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 08...	1605	12	4	.13	95

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02401355 UNNAMED TRIBUTARY TO BIG CANOE CREEK NEAR SPRINGVILLE, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED SATUR- ATION (MG/L) (00300)	OXYGEN, DIS- SOLVED PER- CENT (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DISIT FIELD (MG/L AS HCO3) (00453)
MAR 20...	1040	8.2	3.0	743	81	40	104	104	10.2	89	7.2	7.5	53
MAY 08...	1140	16.3	--	759	7.6	4.3	239	246	9.0	92	7.9	8.0	146
DATE		ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
MAR 20...	43	1000	.56	.40	<.041	<.006	--	.12	.28	.277	.9	1.9	
MAY 08...	119	790	.61	--	<.041	.019	.485	<.10	.10	.504	.2	1.5	
DATE		NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)
MAR 20...	--	--	.095	.071	.023	E.012	47	4	13.4	3.33	.8	.0	
MAY 08...	2.15	.062	.040	.019	.012	<.018	120	--	29.9	10.7	1.1	.0	
DATE		SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L ASK) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
MAR 20...	3	.79	1.5	3.9	<.2	4.5	40	23.1	73	55	16.0	.10	
MAY 08...	2	.66	2.2	3.2	<.2	6.7	M	14.6	133	129	2.73	.18	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02401355 UNNAMED TRIBUTARY TO BIG CANOE CREEK NEAR SPRINGVILLE, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAR 20... MAY 08...	<.010 <.010	<.002 <.002	.047 E.007	<.015 <.015	E.003 <.006	<.018 <.018	<.003 <.003	<.005 <.005	<.003 <.003	<.005 <.005	<.004 <.004
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAR 20... MAY 08...	<.013 <.013	<.027 <.027	<.007 <.007	.008 <.005	.009 .008	<.002 <.002	<.004 <.004	<.006 <.006	<.002 <.002	<.009 <.009	<.009 <.009
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAR 20... MAY 08...	<.034 <.034	<.035 <.035	<.006 <.006	<.002 <.002	<.002 <.002	<.016 <.016	<.002 <.002	<.005 <.005	<.010 <.010	<.020 <.020	<.017 <.017
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF,REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAR 20... MAY 08...	<.021 <.021	<.002 <.002	<.011 <.011	<.041 <.041	<.005 <.005	<.003 <.003	<.010 <.010	<.007 <.007	<.023 <.023	<.050 <.050	<.006 <.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 20...	1040	81	46	10	91
MAY 08...	1140	7.6	6	.12	94

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02401749 WILLIAMS BRANCH NEAR JACKSONVILLE, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED SATUR- ATION (PER- CENT) (00301)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAR	20...1120	9.1	4.0	746	--	--	110	55	59	10.4	92	6.7	7.0
MAY	09...1015	17.3	22.0	752	.77	3.3	2.4	255	254	8.3	88	8.1	8.1

DATE	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
MAR 20...	20	16	6600	.71	.37	E.025	E.003	.21	.54	.164	4.3	3.1
MAY 09...	149	122	260	.61	--	<.041	<.006	E.09	.12	.498	.1	.92

DATE	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
MAR 20...	.336	.127	.024	E.016	23	6	5.39	2.22	.9	.1	7	1.24
MAY 09...	E.012	.006	E.004	<.018	120	1	27.3	13.4	2.0	.1	3	1.23

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
MAR 20...	1.2	4.4	<.2	4.2	50	33.9	41	30	--	.06
MAY 09...	3.0	4.2	<.2	7.3	20	15.0	139	134	1.25	.19

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02401749 WILLIAMS BRANCH NEAR JACKSONVILLE, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAR 20... MAY 09...	<.010 <.010	<.002 <.002	<.011 <.011	<.015 E.004	<.006 E.004	<.018 <.018	<.003 <.003	<.005 <.005	<.003 <.003	.006 <.005	<.004 <.004
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAR 20... MAY 09...	<.013 <.013	E.006 <.027	<.007 <.007	.036 <.005	.013 E.004	<.002 <.002	<.004 <.004	<.006 <.006	<.002 <.002	E.004 <.009	<.009 <.009
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAR 20... MAY 09...	<.034 <.034	<.035 <.035	<.006 <.006	<.002 <.002	<.002 <.002	<.016 E.009	<.002 <.002	<.005 <.005	<.010 <.010	<.020 <.020	<.017 <.017
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAR 20... MAY 09...	<.021 <.021	<.002 <.002	<.011 <.011	E.025 <.041	<.005 <.005	<.003 <.003	<.010 <.010	<.007 <.007	<.023 <.023	<.050 <.050	<.006 <.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 20...	1120	—	233	—	61
MAY 09...	1015	3.3	1	.01	62

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02401760 LITTLE TALLASSEE HATCHEE CREEK NEAR WEAVER, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	
MAY	09...	0720	17.2	19.0	749	.69	12	4.5	218	218	7.8	83	7.8	7.7
DATE		BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)		
MAY	09...	128	105	49	<.041	E.003	E.05	E.07	.227	.2	1.1	E.004		
DATE		PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L ASP) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
MAY	09...	.013	.008	<.018	100	25.0	10.1	1.5	.1	3	1.46	2.4		
DATE		SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)				
MAY	09...	2.7	<.2	8.6	40	28.2	127	116	4.01	.17				

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02401760 LITTLE TALLASSEE HATCHEE CREEK NEAR WEAVER, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAY 09...	<.010	<.002	<.011	E.003	<.006	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 09...	<.013	<.027	<.007	<.005	E.003	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 09...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 09...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 09...	0720	12	4	.13	92

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02403380 SNOW CREEK BELOW ANNISTON, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAR 20...	1445	9.2	7.5	745	--	--	74	98	100	10.4	92	7.0	7.2
MAY 08...	1515	18.3	22.0	748	1.78	3.2	1.9	303	304	10.1	109	8.1	8.2
DATE	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)		
MAR 20...	33	27	10000	1.0	.78	.51	.25	.043	E.005	--	.29		
MAY 08...	149	122	540	.61	.53	--	--	<.041	.018	.363	.14		
DATE	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)		
MAR 20...	.55	.488	8.1	2.8	.06	--	--	.436	.098	.134	.045		
MAY 08...	.23	.381	.4	1.5	--	1.61	.059	.079	--	.031	.028		
DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)		
MAR 20...	.032	36	9	10.1	2.64	3.2	.2	16	1.51	3.0	10.2		
MAY 08...	E.012	130	9	29.2	14.2	7.4	.3	11	2.46	10.2	11.8		
DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)					
MAR 20...	E.1	5.0	40	23.5	61	54	--	.08					
MAY 08...	.3	7.6	60	25.1	163	158	1.39	.22					

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02403380 SNOW CREEK BELOW ANNISTON, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAR 20...	<.010	<.002	.012	<.015	<.006	<.018	<.003	<.005	<.003	.009	<.004
MAY 08...	<.010	<.002	<.011	E.010	<.006	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAR 20...	<.013	.053	<.007	.026	.009	<.002	<.004	<.006	<.002	E.004	<.009
MAY 08...	<.013	<.027	<.007	E.004	<.007	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAR 20...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017
MAY 08...	<.034	<.035	<.006	<.002	<.002	E.015	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAR 20...	<.021	<.002	<.011	E.012	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAY 08...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 20...	1445	--	115	--	85
MAY 08...	1515	3.2	1	.01	88

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02406930 SHIRTEE CREEK NEAR ODENA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	
MAY 08...	0930	20.6	21.0	760	.94	14	3.5	1110	1120	6.9	78	8.2	8.2
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)		
MAY 08...		2	213	178	110	3.8	3.7	<.041	.011	2.89	.79		
DATE		NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L ASC) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) (71856)	NITRO- GEN,PAR TICULTE WAT FLT SUSP (MG/L) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L) (00660)	PHOS- PHORUS TOTAL (MG/L) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) (00666)		
MAY 08...		.92	2.90	.7	4.1	12.8	.036	E.053	13.8	4.79	4.72		
DATE		PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)			
MAY 08...		4.49	150	39.8	11.9	162	6	68	15.1	112			
DATE		SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)			
MAY 08...		175	.2	9.3	70	14.6	674	659	25.5	.92			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02406930 SHIRTEE CREEK NEAR ODENA, AL--Continued
 PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAY 08...	<.010	<.002	E.004	E.006	E.004	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ATRA- DI- AZINON, DIS- SOLVED (UG/L) (39572)	ALA- ZINE, WATER, DISS, REC (UG/L) (39632)	ACETO- CHLOR, WATER, DISS, REC, (UG/L) (46342)	METRI- CHLOR, WATER FLTRD REC (UG/L) (49260)	2,6-DI- ETHYL BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	TRI- FLUR- ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	PHORATE ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 08...	<.013	<.027	<.007	<.005	.011	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 08...	<.034	<.035	<.006	<.002	<.002	E.031	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 08...	<.021	<.002	<.011	E.058	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 08...	0930	14	4	.15	92

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423130 CAHABA RIVER AT TRUSSVILLE, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAR 20...	1500	9.0	5.0	740	3.85	722	24	59	60	10.3	92	6.6	7.2
MAY 10...	0910	17.7	19.2	760	.94	7.4	25	205	213	9.0	95	8.0	7.4
DATE	TIME	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
MAR 20...	22	18	E1700	.57	.34	<.041	<.006	.12	.35	.218	1.4	2.6	
MAY 10...	118	97	E770	.35	.38	<.041	<.006	.13	.11	.244	.3	1.1	
DATE	TIME	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
MAR 20...	.141	.092	.018	E.010	23	5	7.06	1.32	.9	.1	7	.93	
MAY 10...	E.038	.019	.010	<.018	100	5	35.5	3.17	1.7	.1	3	1.00	
DATE	TIME	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	SOLIDS, MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)		
MAR 20...	1.3	6.1	<.2	4.9	100	20.4	52	34	101	.07			
MAY 10...	2.9	8.4	<.2	6.3	<10	17.7	119	118	2.38	.16			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02423130 CAHABA RIVER AT TRUSSVILLE, AL—Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAR 20...	<.010	<.002	.062	<.015	E.005	<.018	<.003	<.005	<.003	.009	<.004	<.005
MAY 10...	<.010	<.002	.014	<.015	E.006	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAR 20...	<.013	<.027	<.007	.005	.026	<.002	<.004	<.006	<.002	E.003	<.009	<.011
MAY 10...	<.013	<.027	<.007	.010	.034	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAR 20...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
MAY 10...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAR 20...	<.021	<.002	<.011	E.006	<.005	<.003	<.010	<.007	<.023	<.050	<.006	
MAY 10...	<.021	<.002	<.011	E.006	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 20...	1500	722	101	197	87
MAY 10...	0910	7.4	9	.18	94

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

0242339580 LITTLE CAHABA RIVER NEAR MARKEETA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DISIT FIELD (MG/L AS HCO3) (00453)	
MAY	10...	1115	19.8	23.1	756	3.6	7.8	346	358	6.8	75	7.9	7.8	209
DATE		ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	
MAY	10...	171	35	.81	.82	<.041	.007	.614	.20	.19	.621	.2	2.1	
DATE		NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	
MAY	10...	2.72	.023	E.003	.788	.264	.300	.257	170	58.4	5.67	4.6	.2	
DATE		SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L ASK) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
MAY	10...	6	1.61	5.1	7.1	.2	6.7	M	40.4	207	196	2.01	.28	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 0242339580 LITTLE CAHABA RIVER NEAR MARKEETA, AL--Continued
 PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAY 10...	<.010	<.002	E.009	E.007	E.006	<.018	<.003	<.005	<.003	.011	<.004	<.005
	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 10...	<.013	<.027	<.007	.011	.022	<.002	<.004	<.006	<.002	<.009	<.009	<.011
	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 10...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7U GF, REC (UG/L) (82687)	
MAY 10...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 10...	1115	3.6	5	.05	85

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)		
MAY	10...	1410	19.4	21.4	758	1.36	18	6.6	344	356	7.0	77	7.9	7.8
DATE	TIME	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	
MAY	10...	210	172	70	.84	.80	<.041	E.004	.16	.20	.637	.2	1.8	
DATE	TIME	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L ASN) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	
MAY	10...	E.005	.251	.105	.094	.082	170	57.5	6.72	3.6	.1	4	1.22	
DATE	TIME	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)			
MAY	10...	4.3	7.6	E.1	6.8	M	15.5	201	194	9.77	.27			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL--Continued
 PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
DATE												
MAY 10...	<.010	<.002	.032	.028	E.008	<.018	<.003	<.005	<.003	<.005	<.004	<.005
	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
DATE												
MAY 10...	<.013	<.027	<.007	.006	.039	<.002	<.004	<.006	<.002	<.009	<.009	<.011
	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
DATE												
MAY 10...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
DATE												
MAY 10...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 10...	1410	18	5	.24	97

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02423515 PATTON CREEK NEAR BLUFF PARK BELOW PATTON CHAPEL, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
		MAR 19... MAY 07...	1345 1525	11.0 25.9		13.5 31.5	755 757	.95 -0.01	58 2.3	.9 5.2	189 287	194 289	10.5 11.2
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)		
		MAR 19... MAY 07...	.0 1	72 127		59 107	210 170	.98 .38	.98 .33	<.041 E.021	E.003 .007	-- .146	.13 .18
DATE		NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L ASC) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)		
		MAR 19... MAY 07...	.12 .23	.854 .153	.2 .4	2.0 2.4	-- .646	-- .023	.064 .061	.013 .016	.008 .007	<.018 <.018	
DATE			HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
			MAR 19... MAY 07...	78 130	19 20	22.2 35.5	5.44 8.99	4.3 7.5		.2 .3	11 11	1.50 2.35	5.6 8.6
DATE			FLUO- SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SILICA, RIDE, DIS- SOLVED (MG/L AS F) (00950)	DIS- SOLVED (MG/L AS SIO2) (00955)	MANGA- IRON, DIS- SOLVED (UG/L AS FE) (01046)	RESIDUE NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, SUM OF AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SOLIDS, CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	DIS- SOLVED (TONS PER AC-FT) (70303)		
			MAR 19... MAY 07...	19.5 22.5	<.2 E.1	3.6 2.6	50 70	34.0 24.8	107 161	101 152	16.8 1.00	.15 .22	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423515 PATTON CREEK NEAR BLUFF PARK BELOW PATTON CHAPEL, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAR 19...	<.010	<.002	.067	<.015	E.012	<.018	<.003	<.005	<.003	.009	<.004	.008
MAY 07...	<.010	<.002	.039	E.008	E.009	<.018	<.003	<.005	<.003	E.002	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	2,6-DI- METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	TRI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAR 19...	<.013	<.027	<.007	.007	.233	<.002	<.004	<.006	<.002	<.009	<.009	<.011
MAY 07...	<.013	<.027	<.007	<.005	.033	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAR 19...	<.034	<.035	<.006	<.002	<.002	E.009	<.002	<.005	<.010	<.020	<.017	.013
MAY 07...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAR 19...	<.021	<.002	<.011	<.041	<.005	<.003	.215	<.007	<.023	<.050	<.006	
MAY 07...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 19...	1345	58	4	.63	92
MAY 07...	1525	2.3	9	.06	80

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423536 BUCK CREEK AT BUCK CREEK ROAD AT ALABASTER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)		
MAR 19...	1000	13.0	13.5	756	1.49	34	8.7	360	360	9.3	89	8.0	7.7	
MAY 07...	1030	19.9	24.5	759	.76	14	8.4	594	590	8.8	97	8.0	8.0	
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3 (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)		
MAR 19...	.0	169	138	E28	--	<.041	.007	1.32	E.07	E.05	1.32	.5		
MAY 07...	2	163	136	150	1.3	E.025	.006	1.13	E.08	.11	1.14	.5		
DATE		CARBON, ORGANIC DIS- SOLVED (MG/L ASC) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOS DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS NONCARB TOTAL (MG/L AS CACO3) (00900)	HARD- NESS FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)
MAR 19...	1.3	5.82	.023	.091	.009	E.003	<.018	170	34	54.7	8.77	2.3	.1	
MAY 07...	.74	5.02	.020	.075	.019	.013	<.018	260	130	86.1	11.6	4.1	.1	
DATE		POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)		
MAR 19...	3	2.02	5.2	33.7	E.1	5.4	<10	7.0	215	201	19.4	.29		
MAY 07...	3	12.6	49.4	77.1	E.1	5.5	<10	7.5	373	334	13.8	.51		

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02423536 BUCK CREEK AT BUCK CREEK ROAD AT ALABASTER, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAR 19...	<.010	<.002	.025	<.015	E.022	<.018	<.003	<.005	<.003	<.005	<.004	<.005
MAY 07...	<.010	<.002	.011	E.005	E.011	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	2,6-DI- METRI- BUZIN WATER DISSOLV (UG/L) (82630)	TRI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAR 19...	<.013	<.027	<.007	<.005	.279	<.002	<.004	<.006	<.002	<.009	<.009	<.011
MAY 07...	<.013	<.027	<.007	<.005	.056	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAR 19...	<.034	<.035	<.006	<.002	<.002	E.016	<.002	<.005	<.010	<.020	<.017	<.004
MAY 07...	<.034	<.035	<.006	.011	<.002	<.015	<.002	<.005	<.010	<.025	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF,REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAR 19...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	
MAY 07...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 19...	1000	34	10	.90	94
MAY 07...	1030	14	22	.81	61

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 0242354650 CABAHA VALLEY CREEK AT INDIAN TRAIL ROAD NEAR INDIAN SPRINGS, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

				BARO- METRIC PRES- SURE			DIS- CHARGE, INST. CUBIC	TURBID- ITY LAB	SPE- CIFIC CON- DUCT- ANCE	SPE- CIFIC CON- DUCT- ANCE	OXYGEN, DIS- SOLVED	OXYGEN, DIS- SOLVED	PH WATER WHOLE FIELD	PH WATER WHOLE LAB
DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	(MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	FEET PER SECOND (00061)	2100AN (NTU) (99872)	(US/CM) (00095)	(US/CM) (90095)	(MG/L) (00300)	(PER- CENT SATUR- ATION) (00301)	(STAND- ARD UNITS) (00400)	(STAND- ARD UNITS) (00403)	
MAY	10...	1150	19.7	27.0	758	1.92	6.2	6.1	339	347	7.3	80	7.9	7.8
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	
MAY	10...	.0	201	164	130	.87	.85	<.041	.006	.713	.13	.15	.719	
DATE		CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L ASC) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)
MAY	10...	.2	.99	3.16	.020	<.022	.019	.008	<.018	160	54.4	5.92	2.7	.1
DATE		SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
MAY	10...	4	.80	4.2	5.5	<.2	6.9	M	30.6	198	182	3.30	.27	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

0242354650 CABAHA VALLEY CREEK AT INDIAN TRAIL ROAD NEAR INDIAN SPRINGS, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFO S, WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAY 10...	<.010	<.002	.043	<.015	E.011	<.018	<.003	<.005	<.003	<.005	<.004
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAY 10...	<.013	<.027	<.007	<.005	.024	<.002	<.004	<.006	<.002	<.009	<.009
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAY 10...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAY 10...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 10...	1150	6.2	6	.10	86

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423576 SHADES CREEK AT LAKESHORE DRIVE NEAR MOUNTAIN BROOK, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	
MAY 09...	0800	19.8	20.0	754	.41	8.1	6.9	270	275	6.4	71	7.9	7.7
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)		
MAY 09...		.0	124	102	E1200	.75	.75	<.041	.008	.418	.33		
DATE		NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L ASC) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)		
MAY 09...		.33	.426	.5	4.5	1.85	.026	E.082	.030	.013	<.018		
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)			
MAY 09...		120	17	35.3	7.53	5.2	.2	8	2.99	5.3			
DATE		SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)			
MAY 09...		25.9	.2	7.0	40	26.4	169	152	3.69	.23			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423576 SHADES CREEK AT LAKESHORE DRIVE NEAR MOUNTAIN BROOK, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAY 09...	<.010	<.002	.061	.026	E.033	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 09...	<.013	<.027	<.007	.022	2.05	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 09...	<.034	<.035	<.006	<.002	<.002	E.993	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 09...	<.021	<.002	<.011	E.051	<.005	<.003	<.020	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 09...	0800	8.1	6	.13	89

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423581 SHADES CREEK AT SAMFORD UNIVERSITY AT HOMEWOOD, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	
		MAY 09...	1205	23.0		24.0	754	.11	13	6.2	242	245	8.1
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)		
MAY 09...		.0	105	86	E240	.68	.61	<.041	.011	.338	.26		
DATE		NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L ASC) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)		
MAY 09...		.33	.349	2.2	4.7	1.50	.036	E.184	.033	.017	E.010		
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)			
MAY 09...		100	16	30.1	6.60	5.4	.2	10	2.71	5.8			
(DATA		SULFATE DIS- SOLVED (MG/L MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER PER AC-FT) (70303)			
MAY 09...		25.1	.2	5.9	50	25.8	149	135	5.11	.20			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423581 SHADES CREEK AT SAMFORD UNIVERSITY AT HOMEWOOD, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
DATE												
MAY 09...	<.010	<.002	.055	.035	E.024	<.018	<.003	<.005	<.003	<.008	<.004	<.005
	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
DATE												
MAY 09...	<.013	<.027	<.007	.033	.682	<.002	<.004	<.006	<.002	<.009	<.009	<.011
	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
DATE												
MAY 09...	<.034	<.035	<.006	<.002	<.002	E.333	<.002	<.005	<.010	<.020	<.017	<.004
	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
DATE												
MAY 09...	<.021	<.002	<.011	E.092	<.005	<.003	<.020	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 09...	1205	13	5	.17	89

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423620 LITTLE SHADES CREEK AT STATE HIGHWAY 150 NEAR BESSEMER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DISIT FIELD (MG/L AS HCO3) (00453)
MAY 07...	1620	21.2	26.0	762	3.2	17	307	307	8.4	94	8.0	7.9	140
DATE		ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	
MAY 07...	171	50	.27	.22	<.041	E.004	.16	.21	.060	E.2	2.2		
DATE		NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L ASP) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	
MAY 07...	.036	.017	E.005	<.018	91	27.7	5.38	32.1	1	43	1.08		
DATE		CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)		
MAY 07...	5.4	13.7	.2	6.8	110	77.2	172	162	1.48	.23			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423620 LITTLE SHADES CREEK AT STATE HIGHWAY 150 NEAR BESSEMER, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAY 07...	<.010	<.002	.024	E.002	<.006	<.018	<.003	<.005	<.003	<.005	<.004
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THON, DIS- SOLVED (UG/L) (39532)	PARA- THON, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAY 07...	<.013	<.027	<.007	<.005	E.003	<.002	<.004	<.006	<.002	<.009	<.009
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAY 07...	<.034	<.035	<.006	<.002	<.002	E.014	<.002	<.005	<.010	<.020	<.017
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAY 07...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423729 DRY CREEK AT SPRING CREEK ROAD NEAR MONTEVALLO, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAY 08...	1345	20.7	21.5	760	.99	30	8.5	455	465	8.4	94	8.4	8.2
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L ASN) (00625)		
MAY 08...	1		178	148	960	1.1	<.041	.007	.956	E.09	.09		
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)			
MAY 08...		.963	.6	.99	4.23	.023	E.019	.009	<.006	<.018			
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)			
MAY 08...		220	72	67.3	12.6	3.3	.1	3	6.97	8.2			
DATE		SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)			
MAY 08...		72.9	E.1	6.9	<10	3.5	281	271	23.1	.38			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT

02423729 DRY CREEK AT SPRING CREEK ROAD NEAR MONTEVALLO, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAY 08...	<.010	<.002	<.011	E.013	E.007	<.018	<.003	<.005	<.003	<.005	<.004
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THON, DIS- SOLVED (UG/L) (39532)	PARA- THON, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAY 08...	<.013	<.027	<.007	<.005	.051	<.002	<.004	<.006	<.002	<.009	<.009
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAY 08...	<.034	<.035	<.006	<.002	<.002	E.016	<.002	<.005	<.010	<.020	<.017
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAY 08...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 08...	1345	30	33	2.7	82

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

0242372950 SPRING CREEK AT COUNTY ROAD 16 NEAR MOORES CROSSROADS, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE OF (MM HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAY 08...	1700	21.0	25.0	759	.75	9.8	6.5	312	314	8.0	90	8.3	8.2
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)
MAY 08...	3	191	162	190	.42	.31	<.041	E.004	.15	.26	.157	.4	
DATE		CARBON, ORGANIC DIS- SOLVED (MG/L ASC) (00681)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)
MAY 08...	2.3	E.050	.026	.006	<.018	160	0	40.0	15.1	1.3	.0	2	
DATE		POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
MAY 08...	.47	2.6	2.3	<.2	6.3	110	14.0	171	166	4.54	.23		

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

0242372950 SPRING CREEK AT COUNTY ROAD 16 NEAR MOORES CROSSROADS, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAY 08...	<.010	<.002	<.011	E.003	<.006	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 08...	<.013	<.027	<.007	<.005	E.005	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 08...	<.034	<.035	<.006	<.002	<.002	E.009	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7U GF, REC (UG/L) (82687)	
MAY 08...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 08...	1700	9.8	16	.42	83

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02456900 FIVEMILE CREEK AT FIVEMILE ROAD NEAR HUFFMAN, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR- BID- ITY (NTU) (00076)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BICAR- BONATE WATER DISIT FIELD (MG/L AS HCO3) (00453)	
MAY	09...	0950	18.1	19.1	762	8.3	2.5	318	324	8.0	85	8.2	8.0	205
DATE		ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	
MAY	09...	168	120	1.0	1.0	<.041	.006	.913	.10	.10	.919	.1	1.1	
DATE		NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	
MAY	09...	4.04	.020	E.017	.015	.011	<.018	160	38.8	15.6	2.1	.1	3	
DATE		POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)		
MAY	09...	.83	3.4	6.1	<.2	6.1	M	8.4	180	178	4.03	.24		

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02456900 FIVEMILE CREEK AT FIVEMILE ROAD NEAR HUFFMAN, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	BHC DIS- SOLVED (UG/L) (34253)	ALPHA P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAY 09...	<.010	<.002	.042	E.004	E.013	<.018	<.003	<.005	<.003	E.003	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THON, DIS- SOLVED (UG/L) (39532)	PARA- THON, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 09...	<.013	<.027	<.007	.014	.049	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 09...	<.034	<.035	<.006	<.002	<.002	E.008	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 09...	<.021	<.002	<.011	<.041	<.005	<.003	.012	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 09...	0950	8.3	21	.47	30

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
 MOBILE RIVER STUDY UNIT
 02456980 FIVEMILE CREEK AT LAWSON ROAD NEAR TARRANT CITY, AL
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAY 09...	1715	19.2	26.5	762	.77	17	1.6	312	330	8.4	91	8.3	7.8
DATE		BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
MAY 09...	198	162	79	1.1	<.041	.006	1.00	E.07	.10	1.01	1.7	1.2	
DATE		NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)
MAY 09...	4.44	.020	E.040	.144	.010	.011	.047	160	35.9	16.3	2.4	.1	
DATE		POTAS- SIUM, DIS- SOLVED (MG/L ASK) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
MAY 09...	3	.92	3.5	6.6	<.2	5.8	M	6.6	182	173	8.35	.25	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02456980 FIVEMILE CREEK AT LAWSON ROAD NEAR TARRANT CITY, AL—Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAY 09...	<.010	<.002	.029	E.004	E.011	<.018	<.003	<.005	<.003	<.005	<.004
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAY 09...	<.013	<.027	<.007	.019	.067	<.002	<.004	<.006	<.002	<.009	<.009
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAY 09...	<.034	<.035	<.006	<.002	<.002	E.006	<.002	<.005	<.010	<.020	<.017
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAY 09...	<.021	<.002	<.011	E.005	<.005	<.003	<.010	<.007	<.023	<.050	<.006

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 09...	1715	17	3	.14	81

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02458150 VILLAGE CREEK AT EAST LAKE IN BIRMINGHAM, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAR 19...	1230	14.0	13.5	753	1.22	7.0	4.3	371	369	9.2	90	7.8	8.0
MAY 09...	1305	19.6	19.0	758	1.09	4.5	2.2	367	378	7.6	83	8.0	7.9

DATE	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)
MAR 19...	217	178	250	<.041	E.004	<.10	E.06	1.48	.3	.67	.087
MAY 09...	226	185	520	<.041	E.005	E.05	E.07	1.16	.2	1.4	E.022

DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
MAR 19...	.013	.008	E.010	190	9	46.1	17.5	3.4	.1	4	1.02
MAY 09...	.012	.010	E.012	190	1	44.3	18.5	3.0	.1	3	.88

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
MAR 19...	5.1	12.1	E.1	7.8	<10	10.8	210	206	3.98	.29
MAY 09...	4.2	9.1	<.2	7.7	M	12.6	210	204	2.55	.29

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02458150 VILLAGE CREEK AT EAST LAKE IN BIRMINGHAM, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAR 19...	<.010	<.002	.023	E.009	E.008	<.018	<.003	<.005	<.003	<.005	<.004
MAY 09...	<.010	<.002	.025	E.012	E.010	<.018	<.003	<.005	<.003	<.005	<.004	.007
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAR 19...	<.013	<.027	<.007	<.005	.011	<.002	<.004	<.006	<.002	<.009	<.009	<.011
MAY 09...	<.013	<.027	<.007	.005	.021	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAR 19...	<.034	<.035	<.006	<.002	<.002	E.006	<.002	<.005	<.010	<.020	<.017	<.004
MAY 09...	<.034	<.035	<.006	<.002	<.002	E.009	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAR 19...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	
MAY 09...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 19...	1230	7.0	12	.23	63
MAY 09...	1305	4.5	8	.10	32

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02461200 VALLEY CREEK AT CLEBURN AVENUE NEAR POWDERLY, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)
MAY 11...	0840	19.7	23.0	756	.86	11	2.8	374	379	5.8	64	7.8	7.8
DATE		CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)		
MAY 11...		.0	173	142	1800	.81	.76	E.032	.019	.449	.29		
DATE		NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L ASC) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)		
MAY 11...		.34	.468	.3	4.4	1.99	.062	.024	.055	.032	.025		
DATE		PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)		
MAY 11...		.018	170	28	49.2	11.5	7.8	.3	9	2.74	8.1		
DATE		SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)			
MAY 11...		34.0	.3	7.1	20	30.1	231	208	6.99	.31			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02461200 VALLEY CREEK AT CLEBURN AVENUE NEAR POWDERLY, AL—Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
MAY 11...	<.010	<.002	.376	.073	E.011	<.018	<.003	<.005	<.003	.007	<.004	<.010
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 11...	<.013	.048	<.007	.057	.056	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 11...	<.034	<.035	<.006	<.002	<.002	E.015	<.002	<.005	<.010	<.020	<.017	<.030
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 11...	<.021	<.002	<.011	<.041	<.005	<.003	.011	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 11...	0840	11	2	.06	80

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02461670 FIVEMILE CREEK AT NEVEL ROAD NEAR MCCALLA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DISIT FIELD (MG/L AS CO3) (00452)
MAR 20...	1615	8.5	7.0	748	220	38	128	126	9.9	86	7.4	7.5	.0
MAY 07...	1150	19.6	25.0	762	2.2	9.4	325	336	8.7	95	8.3	8.1	--
DATE		BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	
MAR 20...		58	48	930	.62	.47	<.041	E.003	--	.22	.38	.242	
MAY 07...		207	170	230	.59	.57	<.041	.006	.436	.12	.15	.442	
DATE		CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	
MAR 20...		1.3	4.5	--	--	.221	.054	.015	<.018	59	11	16.1	
MAY 07...		E.3	1.3	1.93	.020	.043	.010	E.004	<.018	170	--	43.4	
DATE		MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	
MAR 20...		4.51	1.4	.1	5	.97	2.5	6.1	<.2	4.8	E.05	E1.2	
MAY 07...		14.5	2.8	.1	3	.93	5.0	6.0	<.2	4.8	--	--	
DATE		IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)		
MAR 20...		330	50	1	35	12.9	E22	94	66	55.8	.13		
MAY 07...		--	<10	--	--	5.8	--	180	181	1.05	.24		

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
MOBILE RIVER STUDY UNIT
02461670 FIVEMILE CREEK AT NEVEL ROAD NEAR MCCALLA, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
	MAR 20...	<.010	<.002	.428	E.004	E.024	<.018	<.003	<.005	<.003	<.005	<.004
MAY 07...	<.010	<.002	E.011	E.005	<.006	<.018	<.003	<.005	<.003	<.005	<.004	<.005
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
	MAR 20...	<.013	<.027	<.007	.009	.600	<.002	<.004	<.006	<.002	<.009	<.009
MAY 07...	<.013	<.027	<.007	<.005	E.007	<.002	<.004	<.006	<.002	<.009	<.009	<.011
DATE	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
	MAR 20...	<.034	<.035	<.006	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017
MAY 07...	<.034	<.035	<.006	<.005	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
	MAR 20...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006
MAY 07...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 20...	1615	220	34	20	96
MAY 07...	1150	2.2	8	.05	93

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

Short-term water-quality data were collected at surface-water sites on Village and Valley Creeks in Birmingham and two nearby reference sites. The data were collected to be included in a feasibility study being conducted by the U.S. Army Corps of Engineers on stream restoration effects. Data collected included basic water quality, bed sediment, and biological data.

02458150 VILLAGE CREEK AT EAST LAKE IN BIRMINGHAM, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)
OCT 04...	1300	19.9	26.5	750	.91	1.2	<1	374	350	8.0	89	.3
NOV 08...	2000	20.7	21.0	744	3.20	126	160	76	86	7.9	90	--
DEC 14...	1315	12.4	7.5	756	.91	2.2	5	375	383	8.4	79	.6
JAN 24...	0905	11.3	4.0	754	1.19	6.5	<1	389	407	8.7	80	1.6
29...	1900	13.3	14.0	745	2.89	101	80	86	102	9.1	89	--
DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)
OCT 04...	8.0	8.2	0	238	195	700	760	1500	<.1	<.1	--	--
NOV 08...	7.4	7.1	0	41	33	K28000	K31000	K69000	--	--	.98	.42
DEC 14...	8.0	7.8	0	228	187	1700	1400	1700	<.1	<.1	1.1	--
JAN 24...	8.1	7.9	6	212	183	K8500	K13000	K15000	<.1	<.1	2.5	2.4
29...	6.9	7.4	0	44	36	K1500	K800	8800	<.1	<.1	1.4	.67
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)
OCT 04...	--	--	<.020	<.010	--	<.10	E.09	.895	--	--	--	.037
NOV 08...	--	--	<.041	E.005	--	.22	.77	.202	--	--	--	.187
DEC 14...	--	--	<.041	E.003	--	<.10	.10	.992	--	--	--	--
JAN 24...	.82	.80	.305	.013	1.32	1.1	1.1	1.33	.39	5.84	.043	.236
29...	.91	.22	.091	.010	.348	.31	1.0	.358	.12	1.54	.033	.135
DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
OCT 04...	.012	.008	.012	.53	200	4	46.6	20.1	2.7	.1	3	.8
NOV 08...	.199	.074	.061	12	37	3	9.86	2.90	.5	.0	3	1.6
DEC 14...	.011	.008	<.018	1.3	200	11	47.3	19.5	3.6	.1	4	1.0
JAN 24...	.105	.092	.077	2.0	200	18	50.0	18.8	4.1	.1	4	1.4
29...	.184	.050	.044	18	41	5	11.3	3.15	.9	.1	5	1.2

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458150 VILLAGE CREEK AT EAST LAKE IN BIRMINGHAM, AL--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLORIDE, DIS- SOLVED (MG/L AS CL (00940))	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUORIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 04...	4.6	7.7	<1	7.8	<10	13	209	212	211	.69	.29
NOV 08...	.9	2.9	E.1	2.9	20	6	140	51	43	17.3	.07
DEC 14...	4.9	10.9	<2	8.9	E10	15	208	210	213	1.23	.29
JAN 24...	5.2	15.0	E.1	7.9	20	47	217	218	219	3.81	.30
JAN 29...	1.5	4.5	<2	2.5	30	9	170	53	49	14.5	.07

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOVERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)
NOV 08...	3	29.9	<2	.1	2	E1	5	950	20	13
JAN 24...	<2	30.0	<2	<1	<1	<2	<2	60	20	<1
JAN 29...	E1	32.2	<2	.2	4	E2	7	1300	30	17

DATE	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI) (01132)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)
NOV 08...	211	6	<2	E1	<4	45	1000	<7.0	<3	<1
JAN 24...	46	47	<2	<2	<4	<31	46	<7.0	<3	<1
JAN 29...	236	9	E1	E1	<4	75	1240	<7.0	<3	<1

DATE	TIME	ACE-NAPHTHYLENE TOTAL (UG/L) (34200)	ACE-NAPHTHYLENE TOTAL (UG/L) (34205)	ANTHRACENE TOTAL (UG/L) (34220)	BENZO B FLUORANTHENE TOTAL (UG/L) (34230)	BENZO K FLUORANTHENE TOTAL (UG/L) (34242)	BENZO-A- PYRENE TOTAL (UG/L) (34247)	CHRYSENE TOTAL (UG/L) (34320)	FLUORANTHENE TOTAL (UG/L) (34376)
OCT 04...	1300	M	M	<2	<3	<3	<3	<2	M
NOV 08...	2000	<1	M	M	E1	M	E1	E1	E2
JAN 29...	1900	M	M	M	E1	M	E1	E1	E2

DATE	FLUORENE TOTAL (UG/L) (34381)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	PHENANTHRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	BENZO- [GHI]- PERYLENE TOTAL (UG/L) (34521)	BENZ(A) ANTHRACENE WATER UNFLTRD REC (UG/L) (34526)	1,2,5,6- DIBENZ- ANTHRA- CENE TOTAL (UG/L) (34556)	NAPHTH- ALENE TOTAL (UG/L) (34696)
OCT 04...	M	<2	<2	M	<2	<2	<3	E.1
NOV 08...	M	E1	E1	E1	E1	M	M	E.1
JAN 29...	M	E1	E1	E1	E1	M	M	E.3

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458150 VILLAGE CREEK AT EAST LAKE IN BIRMINGHAM, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
NOV 08...	<.010	<.002	<3.45	.684	<.015	<.006	<.018	<.003	<.005	<.002	<.04
JAN 29...	<.010	<.002	<.23	.526	<.015	E.012	<.018	<.003	<.005	<.002	<.04
DATE	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)
NOV 08...	<.43	<.08	<.13	<.07	<.21	<.04	<.10	<.06	<.22	.006	<.004
JAN 29...	<.15	<.08	<.13	<.11	<.12	<.04	<.10	<1.08	<.02	.013	<.004
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
NOV 08...	<.005	<.013	<.027	<.007	.088	.013	<.29	<.04	<.03	<.002	<.24
JAN 29...	<.005	<.013	<.027	<.007	.026	1.58	<.11	<.04	<.03	<.002	<.07
DATE	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
NOV 08...	<.44	<.004	<.09	<.31	<.19	<.02	<.42	<.23	<.25	<.06	<.09
JAN 29...	<5.39	<.004	<.09	<.28	<.18	<.02	<.42	<.07	<.25	<.21	<.09
DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)
NOV 08...	<.83	<.05	<.07	<.42	<.13	<.11	<.46	<.02	<.07	<1.48	<.26
JAN 29...	<.05	<.05	<.07	<.42	<.13	<.11	<.20	<.02	<.07	<.76	<.20

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458150 VILLAGE CREEK AT EAST LAKE IN BIRMINGHAM, Al--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
NOV 08...	<.02	<.05	<.14	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
JAN 29...	<.02	<.05	<.14	<.006	<.002	E.007	<.009	<.011	<.034	<.035	<.006
DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	
NOV 08...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	
JAN 29...	<.002	<.002	<.016	<.002	<.005	E.006	<.020	<.017	<.004	<.021	
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
NOV 08...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	
JAN 29...	<.002	<.011	E.004	<.005	<.003	<.020	<.007	<.023	<.050	<.006	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	
OCT	04...	0810	20.9	18.5	753	.13	7.5	10	333	347	5.5	62	1.4
NOV	14...	0820	13.5	6.0	754	.22	13	100	760	773	6.5	63	8.7
DEC	14...	0830	10.3	6.5	759	.37	21	50	227	238	7.9	71	7.8
JAN	24...	1500	10.7	11.1	756	.47	30	8	450	465	10.5	95	2.5
	29...	2100	13.1	13.0	747	4.14	911	80	114	125	8.6	83	--
DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	
OCT	04...	8.0	8.0	0	173	142	K350	440	1600	<.1	<.1	.61	.51
NOV	14...	7.7	7.7	0	209	171	520	850	900	<.1	<.1	1.6	1.2
DEC	14...	7.4	7.1	0	99	81	K13000	9200	K18000	<.1	<.1	1.1	.91
JAN	24...	8.1	7.9	6	203	175	4700	2500	3500	<.1	<.1	1.9	1.8
	29...	7.0	7.6	0	50	41	K2300	3300	18000	10.0	<.1	1.7	.71
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	
OCT	04...	--	--	<.020	<.010	--	.18	.28	.331	--	--	.037	
NOV	14...	.78	.43	.129	.017	.642	.55	.90	.659	.17	2.84	.056	--
DEC	14...	--	--	<.041	.018	.586	.31	.51	.604	--	2.59	.059	--
JAN	24...	.41	.36	.167	.013	1.29	.53	.58	1.30	.22	5.72	.043	.067
	29...	1.2	.28	.098	.015	.318	.38	1.3	.333	.13	1.41	.049	.178
DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	
OCT	04...	.039	.021	.012	2.8	160	16	35.0	17.2	5.5	.2	7	3.5
NOV	14...	.121	.036	E.013	23	290	120	89.2	16.8	15.5	.4	9	26.0
DEC	14...	.076	.040	E.011	7.9	100	21	28.0	7.93	3.4	.1	6	3.3
JAN	24...	.053	.032	.022	3.3	220	45	57.3	19.0	7.2	.2	6	3.9
	29...	.286	.063	.058	17	49	8	14.5	3.08	1.4	.1	6	2.3

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL (00940)	SULFATE DIS- SOLVED (MG/L AS SO4 (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 04...	7.7	23.1	.3	4.0	60	13	193	191	183	3.85	.26
NOV 14...	91.9	65.6	.5	13.8	30	56	473	474	425	16.4	.64
DEC 14...	5.0	21.8	.2	4.5	60	40	146	135	126	7.55	.18
JAN 24...	8.5	42.5	.3	8.1	50	50	268	265	259	21.1	.36
29...	3.7	8.5	E.2	3.0	30	15	205	69	63	170	.09

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
NOV 14...	E2	426	<2	2.1	2	<2	5	240	30	4
JAN 24...	<2	42.4	<2	.2	E1	<2	2	230	50	E1
29...	2	50.5	<2	5.0	8	E2	30	1940	30	58

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	LITHIUM TOTAL RECOV- ERABLE (UG/L AS LI) (01132)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)
NOV 14...	57	56	31	E1	<.4	155	33	44.9	<3	<.1
JAN 24...	49	50	18	E1	1	E18	59	<7.0	<3	<.1
29...	332	15	2	4	M	670	1510	E4.0	<3	<.1

DATE	TIME	ACE- NAPHTH- YLENE TOTAL (UG/L) (34200)	ACE- NAPHTH- ENE TOTAL (UG/L) (34205)	ANTHRA- CENE TOTAL (UG/L) (34220)	BENZO B FLUOR- AN- THENE TOTAL (UG/L) (34230)	BENZO K FLUOR- AN- THENE TOTAL (UG/L) (34242)	BENZO- A- PYRENE TOTAL (UG/L) (34247)	CHRY- SENE TOTAL (UG/L) (34320)	FLUOR- ANTHENE TOTAL (UG/L) (34376)
OCT 04...	0810	M	<1	<2	<3	<3	<3	<2	M
NOV 14...	0820	M	M	<2	<3	<3	<3	<2	M
JAN 29...	2100	M	M	M	E1	M	M	M	E1

DATE	FLUOR- ENE TOTAL (UG/L) (34381)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	PHENAN- THRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	BENZO- [GHI]- PERY- LENE TOTAL (UG/L) (34521)	BENZ(A) ANTHRA- CENE WATER UNFLTRD REC (UG/L) (34526)	1,2,5,6 -DIBENZ -ANTHRA- CENE TOTAL (UG/L) (34556)	NAPHTH- ALENE TOTAL (UG/L) (34696)
OCT 04...	<1	M	<2	M	<2	<2	<3	E.1
NOV 14...	M	<2	M	M	<2	<2	<3	E.2
JAN 29...	M	M	M	E1	M	M	M	E.2

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
JAN 29...	<.010	<.002	<.29	.532	<.015	<.006	<.018	<.003	<.005	<.002	<.04
DATE	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)
JAN 29...	<.22	<.08	<.13	<.44	<.12	<.04	<.10	<.86	<.02	E.005	<.004
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
JAN 29...	<.005	<.013	<.027	<.007	.021	.135	<.11	<.04	<.03	<.002	<.07
DATE	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
JAN 29...	<.81	<.004	<.09	<.59	<.32	<.02	<.99	<.07	<.25	<.05	<.09
DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)
JAN 29...	<.05	<.10	<.07	<.42	<.13	<.11	<.29	<.02	<.07	<.76	<.20
DATE	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	METRI- BUCIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
JAN 29...	<.02	<.05	<.14	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
JAN 29...	<.002	<.002	<.080	<.002	<.005	<.010	<.020	<.017	<.004	<.021
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
JAN 29...	<.002	<.011	E.013	<.005	<.003	<.010	<.007	<.023	<.050	<.006

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458450 VILLAGE CREEK AT AVENUE W AT ENSLEY, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	
OCT	03...	1315	23.6	28.5	754	2.38	16	5	355	361	10.6	127	1.1
NOV	14...	1430	16.5	12.5	755	2.42	18	10	420	424	8.9	92	.9
DEC	12...	1300	10.2	2.5	760	2.38	14	5	445	456	9.6	86	1.3
JAN	23...	1445	9.9	11.0	758	2.67	47	5	459	471	9.0	80	1.0
FEB	14...	0910	12.7	16.0	757	3.08	108	40	409	420	8.6	82	3.0
DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	
OCT	03...	8.3	8.1	0	147	120	190	K110	73	<.1	<.1	.75	.70
NOV	14...	7.8	7.7	0	139	114	--	--	<.1	<.1	1.4	1.3	
DEC	12...	8.1	8.0	0	196	161	E49	E20	E21	<.1	<.1	1.2	1.2
JAN	23...	8.1	8.1	4	195	166	K23	K34	K17	<.1	<.1	2.1	2.1
FEB	14...	7.9	7.7	0	173	142	1200	K2200	1300	<.1	<.1	1.8	1.8
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	
OCT	03...	.29	.24	.020	.029	.411	.26	.31	.440	.03	1.82	.095	.017
NOV	14...	.30	.20	.108	.018	1.00	.30	.41	1.02	.14	4.43	.059	.028
DEC	12...	.28	.31	.111	.042	.741	.42	.39	.783	.14	3.28	.138	.012
JAN	23...	.34	.31	.239	.019	1.52	.55	.58	1.53	.31	6.71	.062	.027
FEB	14...	.20	.16	.206	.015	1.41	.37	.41	1.42	.27	6.24	.049	.029
DATE	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)		
OCT	03...	.008	<.010	3.1	160	40	41.5	13.8	6.7	.2	8	6.4	
NOV	14...	.007	<.018	4.1	190	71	52.3	13.3	6.5	.2	7	6.0	
DEC	12...	E.005	<.018	3.9	210	48	54.1	17.8	8.2	.2	8	6.6	
JAN	23...	.017	<.018	3.7	220	50	59.0	16.8	7.1	.2	6	4.8	
FEB	14...	.015	<.018	5.2	190	49	52.7	14.3	5.9	.2	6	4.6	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458450 VILLAGE CREEK AT AVENUE W AT ENSLEY, AL--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 03...	13.1	38.2	.5	7.6	40	50	214	214	202	9.01	.29
NOV 14...	12.6	70.4	.6	8.3	E10	39	269	255	243	12.6	.35
DEC 12...	12.2	50.0	.4	7.5	30	27	265	264	257	9.87	.36
JAN 23...	9.9	55.2	.3	9.1	E10	48	279	277	269	35.4	.38
FEB 14...	7.7	47.2	.3	10.1	20	38	261	253	235	73.6	.34

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
NOV 14...	E2	50.4	<2	E.1	1	E1	7	280	E10	1
JAN 23...	<2	47.6	<2	E.1	<1	<2	6	180	E10	E1

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	LITHIUM TOTAL RECOV- ERABLE (UG/L AS LI) (01132)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)
NOV 14...	205	39	19	3	<.4	E28	1170	10.5	<3	<.1
JAN 23...	53	48	12	2	<.4	E31	93	E4.0	<3	<.1

DATE	TIME	ACE- NAPHTH- YLENE TOTAL (UG/L) (34200)	ACE- NAPHTH- ENE TOTAL (UG/L) (34205)	ANTHRA- CENE TOTAL (UG/L) (34220)	BENZO B FLUOR- AN- THENE TOTAL (UG/L) (34230)	BENZO K FLUOR- AN- THENE TOTAL (UG/L) (34242)	BENZO- A- PYRENE TOTAL (UG/L) (34247)	CHRY- SENE TOTAL (UG/L) (34320)	FLUOR- ANTHENE TOTAL (UG/L) (34376)
OCT 03...	1315	<1	<1	<2	<3	<3	<3	<2	<2
FEB 14...	0910	M	M	M	<3	<3	<3	<2	M

DATE	FLUOR- ENE TOTAL (UG/L) (34381)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	PHENAN- THRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	BENZO- [GHI]- PERY- LENE TOTAL (UG/L) (34521)	BENZ(A) ANTHRA- CENE WATER UNFLTRD REC (UG/L) (34526)	1,2,5,6 -DIBENZ -ANTHRA- CENE TOTAL (UG/L) (34556)	NAPHTH- ALENE TOTAL (UG/L) (34696)
OCT 03...	<1	<2	<2	<2	<2	<2	<3	M
FEB 14...	M	<2	M	M	<2	<2	<3	E.4

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02458450 VILLAGE CREEK AT AVENUE W AT ENSLEY, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)
FEB 14...	<.29	<.04	<.10	<.08	<.13	<1.10	<1.30	<.04	<.10	<1.10
DATE	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4,5-T DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
FEB 14...	<.19	<.11	<.04	<.13	<.35	<2.20	<.09	<.73	<.04	<.02
DATE	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLOR-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)
FEB 14...	<1.00	<1.50	<.25	<.06	<.09	<.05	<.05	<.07	<.42	<.13
DATE	3HYDRXY CARBO-FURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	
FEB 14...	<.46	<.29	<.02	<.07	<2.90	<.20	<.02	<.12	<.32	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461120 VALLEY CREEK AT 5TH AVENUE & 7TH STREET IN BIRMINGHAM, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	
OCT	03...	0900	21.8	21.5	753	9.27	1.1	8	386	396	3.3	38	1.7
NOV	09...	0840	21.2	22.5	742	9.89	37	20	135	135	8.2	95	--
DEC	12...	0800	14.0	-1.0	758	9.34	1.6	10	407	415	4.2	41	4.8
JAN	23...	0920	13.3	11.0	760	9.34	2.5	5	480	498	7.8	75	2.4
FEB	12...	1435	10.9	11.0	759	10.59	120	100	58	78	10.4	94	4.4
DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	
OCT	03...	7.9	7.8	0	154	126	2100	3200	830	<.1	<.1	2.2	2.2
NOV	09...	7.6	7.8	0	50	41	K85000	63000	70000	--	--	1.4	1.3
DEC	12...	7.6	7.6	0	150	123	E44000	E19000	E4300	<.1	<.1	2.6	2.4
JAN	23...	7.9	8.0	0	203	166	3800	770	4100	<.1	<.1	2.8	2.7
FEB	12...	7.3	7.8	0	26	21	5900	8200	9900	<.1	<.1	.77	.42
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	
OCT	03...	.40	.31	.515	.149	1.17	.83	.91	1.32	.66	5.19	.490	.567
NOV	09...	.38	.26	.044	.012	1.00	.30	.42	1.02	.06	4.45	.039	.175
DEC	12...	1.2	.92	.280	.149	1.03	1.2	1.5	1.18	.36	4.57	.490	.236
JAN	23...	.65	.55	.169	.058	1.89	.72	.82	1.95	.22	8.36	.191	.371
FEB	12...	.46	.10	.128	.016	.171	.23	.59	.187	.16	.757	.053	.135
DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	
OCT	03...	.269	.223	.185	3.6	170	47	49.2	12.2	10.4	.3	11	3.9
NOV	09...	.123	.068	.057	5.9	55	14	17.8	2.56	1.6	.1	6	2.3
DEC	12...	.162	.113	.077	7.0	180	54	49.7	12.9	12.1	.4	13	3.9
JAN	23...	.236	.198	.121	4.2	220	53	63.0	15.2	11.5	.3	10	3.5
FEB	12...	.136	.056	.044	8.2	25	3	8.27	.95	.8	.1	7	.8

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461120 VALLEY CREEK AT 5TH AVENUE & 7TH STREET IN BIRMINGHAM, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 03...	11.4	47.5	.7	7.9	50	38	239	235	226	.71	.32
NOV 09...	3.0	21.1	.2	4.8	30	12	96	108	83	10.8	.15
DEC 12...	10.7	60.1	.5	7.7	30	47	248	245	237	1.08	.33
JAN 23...	10.9	62.5	.3	9.5	20	32	298	295	286	1.98	.40
FEB 12...	.9	5.3	E.1	1.7	20	8	83	33	33	10.7	.04
DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	
NOV 09...	3	25.8	<2	E.1	2	<2	6	240	30	5	
JAN 23...	<2	34.7	<2	E.1	<1	<2	3	90	20	E1	
FEB 12...	E2	32.8	<2	.3	5	E1	15	870	20	22	
DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	LITHIUM TOTAL RECOV- ERABLE (UG/L AS LI) (01132)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	
NOV 09...	23	12	2	<2	M	47	235	<7.0	<3	<.1	
JAN 23...	36	32	14	E1	<.4	<31	79	E3.3	<3	<.1	
FEB 12...	81	8	<2	E1	<.4	113	636	<7.0	<3	<.1	
DATE	TIME	ACE- NAPHTH- YLENE TOTAL (UG/L) (34200)	ACE- NAPHTH- YLENE TOTAL (UG/L) (34205)	ANTHRA- CENE TOTAL (UG/L) (34220)	BENZO B FLUOR- AN- THENE TOTAL (UG/L) (34230)	BENZO K FLUOR- AN- THENE TOTAL (UG/L) (34242)	BENZO- A- PYRENE TOTAL (UG/L) (34247)	CHRY- SENE TOTAL (UG/L) (34320)	FLUOR- ANTHENE TOTAL (UG/L) (34376)		
OCT 03...	0900	<1	<1	M	<3	<3	<3	<2	M		
NOV 09...	0840	<1	M	M	M	M	M	M	M		
FEB 12...	1435	M	M	M	E2	E1	E1	E1	E2		
DATE	FLUOR- ENE TOTAL (UG/L) (34381)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	PHENAN- THRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	BENZO- [GHI]- PERY- LENE TOTAL (UG/L) (34521)	BENZ(A) ANTHRA- CENE WATER UNFLTRD REC (UG/L) (34526)	1,2,5,6 -DIBENZ -ANTHRA- CENE TOTAL (UG/L) (34556)	NAPHTH- ALENE TOTAL (UG/L) (34696)			
OCT 03...	<1	<2	M	M	<2	<2	<3	M			
NOV 09...	M	M	M	M	M	<2	<3	E.1			
FEB 12...	M	E1	E1	E2	E1	E1	M	E.2			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461120 VALLEY CREEK AT 5TH AVENUE & 7TH STREET IN BIRMINGHAM, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
NOV 09...	<.010	<.002	<.27	.415	E.008	<.006	<.018	<.003	<.005	<.002	<.14
FEB 12...	<.010	<.002	<.50	.026	.151	<.006	<.018	<.003	<.005	<.002	<.04
DATE	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)
NOV 09...	<.76	<.08	<.13	<.14	<.32	<.04	<.10	<.06	<.64	<.005	<.004
FEB 12...	<.14	<.08	<.13	<.20	<.78	<.04	<.10	<.19	<.48	<.005	<.004
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
NOV 09...	<.005	<.013	<.027	<.007	.012	.021	<.46	<.04	<.03	<.002	<.27
FEB 12...	<.005	<.013	<.027	<.007	.060	.032	<.15	<.13	<.03	<.002	<.71
DATE	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
NOV 09...	<.42	<.004	<.09	<.34	<.22	<.02	<.74	<.25	<.25	<.06	<.09
FEB 12...	<.12	<.004	<.09	<.81	<.25	<.23	<.86	<.30	<.25	<.27	<.09
DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)
NOV 09...	<.13	<.05	<.07	<.48	<.13	<.21	<.32	<.02	<.07	<.49	<.20
FEB 12...	<.11	<.05	<.07	<.42	<.47	<.11	<.26	<.02	<.07	<.21	<.20

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461120 VALLEY CREEK AT 5TH AVENUE & 7TH STREET IN BIRMINGHAM, AL—Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7U GF, REC (UG/L) (82667)
NOV 09...	<.02	<.05	<.14	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
FEB 12...	<.02	<.15	<.14	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7U GF, REC (UG/L) (82677)	
NOV 09...	<.002	<.002	.051	<.002	<.005	<.010	<.020	<.017	<.004	<.021	
FEB 12...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7U GF, REC (UG/L) (82687)	
NOV 09...	<.002	<.011	E.015	<.005	<.003	<.010	<.007	<.023	<.050	<.006	
FEB 12...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461200 VALLEY CREEK AT CLEBURNE AVENUE NEAR POWDERLY, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	
OCT	05...	0900	19.8	21.0	753	.60	5.2	8	393	402	4.7	52	.9
NOV	15...	0950	8.8	13.0	756	.74	8.7	3	539	548	9.9	86	.9
DEC	13...	0840	5.5	6.5	757	.71	7.8	5	468	485	11.0	88	.8
JAN	25...	0920	7.3	1.0	761	.98	14	5	492	518	9.3	77	.5
FEB	09...	2150	15.0	12.0	756	3.30	374	100	126	145	6.1	61	—
DATE	PH	PH	CAR-	BICAR-	ALKA-	COLI-	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	
	WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	WATER WHOLE LAB (STAND- ARD UNITS) (00403)	BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)							
OCT	05...	8.0	7.9	0	175	143	150	140	260	<.1	<.1	.57	.47
NOV	15...	8.2	7.8	0	213	174	K16000	K21000	2300	<.1	<.1	1.9	1.8
DEC	13...	8.1	8.0	0	213	174	720	200	180	<.1	<.1	1.4	1.3
JAN	25...	8.0	7.9	0	213	175	K80	K51	59	<.1	<.1	3.0	3.0
FEB	09...	7.7	7.4	0	46	36	--	25000	22000	31.0	<.1	2.9	1.5
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	
OCT	05...	.33	.23	.030	.010	.200	.26	.36	.210	.04	.885	.033	.086
NOV	15...	.29	.23	.234	.016	1.34	.46	.53	1.36	.30	5.94	.053	.156
DEC	13...	--	--	<.041	.043	1.07	.21	.25	1.11	--	4.73	.141	.098
JAN	25...	.34	.31	.232	.070	2.37	.55	.57	2.44	.30	10.5	.230	.117
FEB	09...	2.0	.66	.141	.037	.646	.80	2.2	.683	.18	2.86	.122	.153
DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	
OCT	05...	.058	.041	.028	2.7	180	35	47.2	14.7	10.9	.4	11	3.5
NOV	15...	.085	.066	.051	2.9	230	53	63.7	16.7	18.8	.5	15	3.6
DEC	13...	.050	.044	.032	3.4	230	54	63.9	16.8	12.3	.4	10	3.3
JAN	25...	.057	.052	.038	2.8	230	60	67.3	16.3	10.1	.3	8	3.3
FEB	09...	.421	.085	.050	29	55	17	17.2	2.89	2.4	.1	8	1.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461200 VALLEY CREEK AT CLEBURNE AVENUE NEAR POWDERLY, AL--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 05...	11.9	37.8	.4	1.5	10	21	235	233	215	3.27	.32
NOV 15...	29.0	55.7	.3	8.1	10	28	316	316	307	7.45	.43
DEC 13...	12.9	57.6	.3	4.6	E10	12	285	284	281	6.01	.39
JAN 25...	10.6	56.2	.2	7.7	10	24	299	298	288	11.2	.41
FEB 09...	3.0	14.2	E.2	2.6	120	26	192	79	70	79.8	.11

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
NOV 15...	E1	42.6	<2	<.1	E1	<2	2	50	10	<.1
JAN 25...	<2	42.1	<2	<.1	E1	<2	2	40	10	<.1
FEB 09...	3	63.4	<2	.5	7	E2	30	2190	120	48

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	LITHIUM TOTAL RECOV- ERABLE (UG/L AS LI) (01132)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)
NOV 15...	29	28	21	<2	<.4	<31	E20	E4.4	<3	<.1
JAN 25...	25	24	8	<2	<.4	<31	33	<7.0	<3	<.1
FEB 09...	272	26	E1	3	1	206	1660	<7.0	<3	.1

DATE	TIME	ACE- NAPHTH- YLENE TOTAL (UG/L) (34200)	ACE- NAPHTH- ENE TOTAL (UG/L) (34205)	ANTHRA- CENE TOTAL (UG/L) (34220)	BENZO B FLUOR- AN- THENE TOTAL (UG/L) (34230)	BENZO K FLUOR- AN- THENE TOTAL (UG/L) (34242)	BENZO- A- PYRENE TOTAL (UG/L) (34247)	CHRY- SENE TOTAL (UG/L) (34320)	FLUOR- ANTHENE TOTAL (UG/L) (34376)
OCT 05...	0900	<1	M	<2	<3	<3	<3	<2	M
FEB 09...	2150	M	M	M	E2	E1	E1	E2	3

DATE	FLUOR- ENE TOTAL (UG/L) (34381)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	PHENAN- THRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	BENZO- [GHI]- PERY- LENE TOTAL (UG/L) (34521)	BENZ(A) ANTHRA- CENE WATER UNFLTRD REC (UG/L) (34526)	1,2,5,6 -DIBENZ -ANTHRA- CENE TOTAL (UG/L) (34556)	NAPHTH- ALENE TOTAL (UG/L) (34696)
OCT 05...	M	<2	<2	M	<2	<2	<3	M
FEB 09...	M	E2	E1	E2	E2	E1	E1	E.2

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461200 VALLEY CREEK AT CLEBURNE AVENUE NEAR POWDERLY, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
FEB 09...	<.010	<.002	<1.09	.184	.926	E.036	<.018	<.003	<.005	<.002	<.17
DATE	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)
FEB 09...	<.62	<.14	<.13	<.88	<3.66	<.04	<.10	<1.14	<1.30	<.005	<.004
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER, DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
FEB 09...	<.005	<.013	<.027	<.007	.083	2.58	<.60	<.20	<.11	<.002	<.68
DATE	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER, FLTRD, GF 0.7U REC (UG/L) (49260)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
FEB 09...	<12.9	<.004	<.09	<.69	<.99	<.15	<.02	<.61	<.29	<.30	<.09
DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALON- IL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)
FEB 09...	<.05	<.05	<.07	<.42	<.13	<1.93	<.29	<.02	<.07	<.687	<3.75
DATE	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
FEB 09...	<.02	<.05	<.14	<.006	<.002	E.006	<.009	<.011	<.034	<.035	<.006

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461200 VALLEY CREEK AT CLEBURNE AVENUE NEAR POWDERLY, AL—Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
FEB 09...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
FEB 09...	<.002	<.011	<.041	<.005	<.003	.065	<.007	<.023	<.050	<.006

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	
OCT	02...	1250	21.7	28.0	755	4.07	12	5	347	354	10.2	117	.5
NOV	09...	1135	21.0	21.5	743	5.84	240	40	163	168	6.5	75	--
DEC	13...	1345	7.0	8.5	756	4.16	14	<1	452	461	13.9	116	.7
JAN	25...	1530	9.8	11.5	762	4.43	33	5	489	503	11.1	98	.3
FEB	13...	1005	10.1	10.5	760	7.89	960	200	103	110	10.1	90	8.4
DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	
OCT	02...	8.1	8.1	0	158	130	K40	50	92	<.1	<.1	.41	.41
NOV	09...	7.9	7.7	0	64	53	16000	11000	52000	--	--	1.2	1.0
DEC	13...	8.3	8.2	3	198	168	75	K9	110	<.1	<.1	.96	.92
JAN	25...	8.4	8.1	3	223	188	K10	K5	K12	<.1	<.1	2.2	2.2
FEB	13...	7.6	7.6	0	42	34	4700	6600	25000	16.0	<.1	1.2	.59
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	
OCT	02...	--	--	<.041	E.003	--	.20	.20	.207	--	--	--	--
NOV	09...	--	--	<.041	.011	.796	.21	.42	.807	--	3.52	.036	.172
DEC	13...	--	--	<.041	.015	.794	.11	.16	.809	--	3.51	.049	--
JAN	25...	--	--	E.033	.030	2.00	.15	.18	2.03	--	8.84	.099	.058
FEB	13...	.75	.13	.074	.008	.380	.20	.82	.388	.10	1.68	.026	.156
DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	
OCT	02...	.021	.014	E.009	2.8	170	38	45.1	13.5	9.4	.3	11	3.6
NOV	09...	.117	.072	.056	5.5	68	16	21.5	3.54	2.4	.1	7	3.2
DEC	13...	.018	.016	E.010	2.3	210	45	59.1	15.8	10.0	.3	9	5.0
JAN	25...	.027	.024	.019	2.8	240	49	67.9	16.3	8.2	.2	7	5.7
FEB	13...	.203	.061	.051	9.6	43	9	13.8	2.18	1.1	.1	5	1.7

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUORIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
OCT 02...	12.2	29.2	.3	2.5	E10	10	201	198	194	6.58	.27
NOV 09...	2.8	15.6	.2	5.2	10	6	109	98	90	63.5	.13
DEC 13...	10.5	49.4	.2	3.3	<10	6	267	264	258	9.74	.36
JAN 25...	9.0	55.9	.2	7.7	10	17	300	299	292	26.6	.41
FEB 13...	1.2	8.4	E.1	3.0	40	7	163	66	54	171	.09

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOVERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)
NOV 09...	3	25.3	<2	E.1	1	<2	5	340	10	7
JAN 25...	<2	42.3	<2	<.1	<1	<2	E2	50	10	<1
FEB 13...	3	32.1	<2	.2	4	E1	13	1110	40	26

DATE	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI) (01132)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)
NOV 09...	45	6	2	<2	<.4	E23	332	<7.0	<3	<1
JAN 25...	18	17	4	<2	<.4	<31	35	<7.0	<3	<1
FEB 13...	162	7	<2	E2	M	79	985	<7.0	<3	<1

DATE	TIME	ACE-NAPHTHYLENE TOTAL (UG/L) (34200)	ACE-NAPHTHYLENE TOTAL (UG/L) (34205)	ANTHRACENE TOTAL (UG/L) (34220)	BENZO B FLUORANTHENE TOTAL (UG/L) (34230)	BENZO K FLUORANTHENE TOTAL (UG/L) (34242)	BENZO-A- PYRENE TOTAL (UG/L) (34247)	CHRYSENE TOTAL (UG/L) (34320)	FLUORANTHENE TOTAL (UG/L) (34376)
OCT 02...	1250	<1	<1	<2	<3	<3	<3	<2	<2
NOV 09...	1135	<1	M	M	M	M	M	M	M
FEB 13...	1005	M	M	M	E1	M	E1	E1	E1

DATE	FLUORENE TOTAL (UG/L) (34381)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	PHENANTHRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	BENZO- [GHI]- PERY- LENE TOTAL (UG/L) (34521)	BENZ(A) ANTHRA- CENE WATER UNFLTRD REC (UG/L) (34526)	1,2,5,6- DIBENZ- ANTHRA- CENE TOTAL (UG/L) (34556)	NAPHTH- ALENE TOTAL (UG/L) (34696)
OCT 02...	<1	<2	2	<2	<2	<2	<3	<1.0
NOV 09...	M	M	M	M	M	M	<3	M
FEB 13...	M	E1	M	E1	E1	M	M	E.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
NOV 09...	<.010	<.002	<3.00	.481	E.013	E.005	<.018	<.003	<.005	<.002	<.04
FEB 13...	<.010	<.002	<.09	.215	.019	E.050	<.018	<.003	<.005	<.002	<.04
DATE	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)
NOV 09...	<1.06	<.08	<.13	<.11	<.12	<.04	<.10	<.06	<.33	.007	<.004
FEB 13...	<.14	<.08	<.13	<.07	<.18	<.04	<.10	<.06	<.52	.007	<.004
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
NOV 09...	<.005	<.013	E.005	<.007	.049	.011	<.11	<.04	<.03	<.002	.30
FEB 13...	<.005	<.013	<.027	<.007	.021	1.94	<.11	<.04	<.03	<.002	.38
DATE	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
NOV 09...	<.15	<.004	<.09	<.28	<.26	<.02	<.56	<.07	<.25	<.10	<.09
FEB 13...	<.09	<.004	<.09	<.28	<.14	<.02	<.92	<.07	E.30	<.11	<.09
DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALON- IL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)
NOV 09...	<.10	<.11	<.07	<.42	<.13	<.11	<.29	<.02	<.07	<.25	<.20
FEB 13...	<.05	<.05	<.07	<.42	<.28	<.11	<.29	<.02	<.07	<.30	<.20

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
NOV 09...	<.18	<.05	<.14	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
FEB 13...	<.02	<.05	<.14	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	
NOV 09...	<.002	<.002	E.014	<.002	<.005	<.010	<.020	<.017	<.004	<.021	
FEB 13...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
NOV 09...	<.002	<.011	E.031	<.005	<.003	<.010	<.007	<.023	<.050	<.006	
FEB 13...	<.002	<.011	<.041	<.005	<.003	.045	<.007	<.023	<.050	<.006	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461670 FIVEMILE CREEK AT NEVEL ROAD NEAR MCCALLA, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	
NOV 13...	1330	13.0	16.0	753	.19	1.2	80	298	323	10.0	96	
DEC 11...	1310	11.5	13.0	754	.21	.88	10	364	364	10.7	99	
JAN 22...	1310	8.6	8.0	762	.81	22	35	276	289	12.2	105	
FEB 13...	1550	11.2	12.5	760	1.01	32	200	230	240	9.4	86	
MAR 20...	1615	8.5	7.0	748	—	220	—	128	126	9.9	86	
DATE		OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO- COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
NOV 13...		.6	7.9	7.9	0	182	149	160	250	5000	<.1	<.1
DEC 11...	E.5	8.2	8.0	0	220	180	9	K3	K62	<.1	<.1	
JAN 22...	.3	7.9	7.7	2	154	130	K70	100	190	<.1	<.1	
FEB 13...	7.4	7.9	7.8	0	117	96	540	520	1400	<.1	<.1	
MAR 20...	8.6	7.4	7.5	0	58	48	—	930	--	<.1	<.1	
DATE		NITRO- GEN, TOTAL (MG/L AS N) (00600)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	
NOV 13...		.50	.40	<.041	E.003	.15	.25	.246	.022	E.003	<.018	
DEC 11...	.29	--	<.041	<.006	E.07	.11	.180	.007	<.006	<.018		
JAN 22...	.83	.77	<.041	<.006	.12	.18	.656	<.004	.007	<.018		
FEB 13...	.70	.64	<.041	E.003	.23	.29	.410	.030	.008	<.018		
MAR 20...	.62	.47	<.041	E.003	.22	.38	.242	.054	.015	<.018		
DATE		CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	
NOV 13...	3.0	160	9	41.8	13.1	2.6	.1	3	1.7	3.8		
DEC 11...	1.8	200	18	51.6	17.0	3.4	.1	4	1.1	4.9		
JAN 22...	4.5	140	13	37.4	12.0	3.0	.1	4	1.1	4.9		
FEB 13...	--	110	19	31.5	8.73	3.1	.1	5	1.4	4.8		
MAR 20...	--	59	11	16.1	4.51	1.4	.1	5	1.0	2.5		

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461670 FIVEMILE CREEK AT NEVEL ROAD NEAR MCCALLA, AL--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	SULFATE DIS- SOLVED (MG/L AS SO ₄) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO ₂) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
NOV 13...	12.2	E.1	7.1	E10	6	197	177	173	.55	.24
DEC 11...	10.0	E.1	5.1	<10	6	195	205	202	.49	.28
JAN 22...	11.8	<.2	6.8	10	5	169	159	158	9.32	.22
FEB 13...	13.8	E.1	5.9	40	9	152	146	129	12.5	.20
MAR 20...	6.1	<.2	4.8	50	13	--	94	66	55.8	.13

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
NOV 13...	E1	40.7	<2	<.1	E1	<2	<2	200	E10	<1
JAN 22...	<2	32.7	<2	<.1	<1	<2	<2	180	10	<1
MAR 20...	E1	20.7	<2	E.1	E1	<2	E1	330	50	1

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	LITHIUM TOTAL RECOV- ERABLE (UG/L AS LI) (01132)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)
NOV 13...	25	6	<2	<2	<.4	<31	185	<7.0	<3	<1
JAN 22...	8	5	<2	<2	<.4	<31	288	<7.0	<3	<1
MAR 20...	35	13	<2	<2	<.4	E22	415	<7.0	<3	--

DATE	TIME	ACE- NAPHTH- YLENE TOTAL (UG/L) (34200)	ACE- NAPHTH- ENE TOTAL (UG/L) (34205)	ANTHRA- CENE TOTAL (UG/L) (34220)	BENZO B FLUOR- AN- THENE TOTAL (UG/L) (34230)	BENZO K FLUOR- AN- THENE TOTAL (UG/L) (34242)	BENZO- A- PYRENE TOTAL (UG/L) (34247)	CHRY- SENE TOTAL (UG/L) (34320)	FLUOR- ANTHENE TOTAL (UG/L) (34376)
DEC 11...	1310	<1	<1	<2	<3	<3	<3	<2	M
FEB 13...	1550	M	M	M	M	M	M	M	M

DATE	FLUOR- ENE TOTAL (UG/L) (34381)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	PHENAN- THRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	BENZO- [GHI]- PERY- LENE TOTAL (UG/L) (34521)	BENZ(A) ANTHRA- CENE WATER UNFLTRD REC (UG/L) (34526)	1,2,5,6 -DIBENZ -ANTHRA- -CENE TOTAL (UG/L) (34556)	NAPHTH- ALENE TOTAL (UG/L) (34696)
DEC 11...	<1	<2	<2	M	<2	<2	<3	<1.0
FEB 13...	<1	<2	M	M	<2	M	<3	<1.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461670 FIVEMILE CREEK AT NEVEL ROAD NEAR MCCALLA, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
FEB 13...	<.010	<.002	<19.1	8.60	E.009	E.006	<.018	<.003	<.005	<.002	<.04
MAR 20...	<.010	<.002	--	.428	E.004	E.024	<.018	<.003	<.005	<.002	--
DATE	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)
FEB 13...	<.17	<.08	<.13	<.07	<.12	<.04	<.10	<.06	<.52	<.005	<.004
MAR 20...	--	--	--	--	--	--	--	--	--	<.005	<.004
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
FEB 13...	<.005	<.013	<.027	<.007	<.005	.035	<.11	<.04	<.27	<.002	<.07
MAR 20...	<.005	<.013	<.027	<.007	.009	.600	--	--	--	<.002	--
DATE	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
FEB 13...	<.12	<.004	<.09	<.73	<.04	<.02	<.56	<.19	<.25	<.06	<.09
MAR 20...	--	<.004	--	--	--	--	--	--	--	--	--
DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)
FEB 13...	<.05	<.05	<.07	<.42	<.13	<.16	<.29	<.02	<.07	<.21	<.20

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
BIRMINGHAM WATERSHEDS STUDY
02461670 FIVEMILE CREEK AT NEVEL ROAD NEAR MCCALLA, AL--Continued
PESTICIDE ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
FEB 13...	<.02	<.05	<.14	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
MAR 20...	--	--	--	<.006	<.002	<.009	<.009	<.011	<.034	<.035	<.006
DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	
FEB 13...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	<.004	<.021	
MAR 20...	<.002	<.002	<.016	<.002	<.005	<.010	<.020	<.017	.013	<.021	
DATE	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
FEB 13...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	
MAR 20...	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006	

GROUND-WATER LEVELS

MONTGOMERY COUNTY

322047086214301. Local number, Mtg-3.

LOCATION.--Lat 32°20'47", long 86°21'43", Hydrologic Unit 03150201, in SE¹/₄ sec. 21, T. 16 N., R. 17 E., at Lomax School on Hayneville Road, 0.5 mi northeast of intersection with U.S. Highway 31, and 4.5 mi southwest of Montgomery.

Owner: County of Montgomery.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 270 ft, screened 210 to 215 ft, 220 to 225 ft, 265 to 270 ft.

DATUM.--Elevation of land-surface datum is 167.2 ft. Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Water levels affected by pumping nearby wells.

PERIOD OF RECORD.--August 1952 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.9 ft below land-surface datum, Mar. 17, 1968; lowest, 31.3 ft below land-surface datum, Oct. 1, 1955.

EXTREMES FOR CURRENT YEAR.--Highest water level, 21.30 ft below land-surface datum, Apr. 8, 9; lowest, 28.55 ft below land-surface datum, Nov. 7.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	27.76	28.42	26.13	27.54	26.60	24.33	22.29	24.09	24.41	25.82	26.22	25.04
10	26.97	28.53	26.43	27.23	26.14	24.07	21.82	24.42	23.79	25.41	25.31	25.81
15	26.88	27.63	26.39	27.26	26.86	24.27	22.04	24.80	23.29	24.77	25.05	25.26
20	27.71	26.79	26.55	26.83	25.70	24.16	22.25	24.53	24.16	25.21	25.17	25.88
25	27.57	26.68	27.26	25.81	25.24	22.55	22.35	24.81	24.12	24.68	25.83	26.12
EOM	27.92	27.08	27.21	26.36	25.06	22.48	22.93	24.59	24.97	25.61	26.83	25.98
MEAN	27.48	27.66	26.70	26.77	26.15	23.74	22.15	24.48	24.06	25.19	25.69	25.74
MAX	28.10	28.55	27.27	27.56	26.97	25.07	22.93	24.88	24.97	25.92	26.86	26.58
MIN	26.76	26.32	25.88	25.33	25.06	22.26	21.57	23.08	22.78	24.51	25.00	25.04
CAL YR 2000	MEAN 26.75		HIGH 25.23		JUN 28		LOW 28.55		NOV 7			
WTR YR 2001	MEAN 25.49		HIGH 21.57		APR 9		LOW 28.55		NOV 7			

GROUND-WATER LEVELS

TUSCALOOSA COUNTY

333204087324601. Local number, TW-5.

LOCATION.--Lat 33°32'04", long 87°32'46", in SE¹/₄ sec. 26, T. 17 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, at dirt road 3.2 mi north of junction with Windham Springs Road, 4.2 mi northwest of Windham Springs, and 21 mi north of Tuscaloosa.

Owner: Champion Paper Company.

AQUIFER.--Pottsville Formation of Early and Middle Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 60 ft, cased to 32 ft, open hole below casing.

DATUM.--Elevation of land-surface datum is 519 ft. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--National network well.

PERIOD OF RECORD.--May 1979 to January 1985, October 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 31.30 ft below land-surface datum, Apr. 14, 1980; lowest, 44.72 ft below land-surface datum, Dec. 12, 2000.

EXTREMES FOR CURRENT YEAR.--Highest water level, 34.96 ft below land-surface datum, Mar. 16; lowest, 44.72 ft below land-surface datum, Dec. 12.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	44.28	44.38	44.53	44.44	40.92	36.43	40.22	42.05	42.94	43.08	43.40	43.29
10	44.37	44.55	44.56	44.54	41.52	37.94	39.40	42.33	42.78	43.04	43.42	43.28
15	44.34	44.51	44.62	44.34	37.86	36.33	40.42	42.43	42.92	43.19	43.40	43.17
20	44.41	44.56	44.59	43.67	37.34	36.25	40.84	42.44	43.06	43.26	43.53	43.29
25	44.36	44.46	44.63	42.23	39.17	37.17	41.39	42.64	43.07	43.32	43.58	43.43
EOM	44.45	44.59	44.61	41.12	39.50	39.46	41.88	42.77	43.06	43.47	43.56	43.52
MEAN	44.39	44.48	44.59	43.59	39.63	37.28	40.48	42.40	42.94	43.22	43.50	43.32
MAX	44.50	44.62	44.72	44.69	41.54	39.46	41.88	42.81	43.22	43.47	43.62	43.56
MIN	44.26	44.29	44.49	41.12	37.02	35.12	38.91	41.83	42.68	43.04	43.32	43.11
WTR YR 2001	MEAN 42.50			HIGH 35.12 MAR 16			LOW 44.72 DEC 12					

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

Short-term water-quality data were collected at several wells in the Mobile River Study Unit of the National Water-Quality Assessment Program. Data collected includes basic water-quality parameters and pesticide parameters. The following list gives the county name associated with the county code number: Autauga (001), Elmore (051), Lowndes (085), Macon (087), Montgomery (101), Tuscaloosa (125).

MULTIPLE STATION ANALYSES

STATION NAME	DATE	TIME	COUNTY	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH OF WELL, TOTAL (FEET) (72008)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)
NAWQA LUSCR1-15	07-18-01	1530	001	140	40	23.0	35.5	768
NAWQA LUSCR1-31	09-19-01	1100	001	155	30	21.0	27.0	764
NAWQA LUSCR1-1	06-18-01	1215	051	199	24.75	21.3	31.0	769
NAWQA LUSCR1-2	06-19-01	1100	051	199	40	22.6	28.5	769
NAWQA LUSCR1-18	06-19-01	1430	051	200	35	21.3	30.0	768
NAWQA LUSCR1-10	06-28-01	1045	051	200	30	22.9	28.0	770
NAWQA LUSCR1-12	07-10-01	1400	051	205	34.5	20.8	32.5	766
NAWQA LUSCR1-11	07-11-01	1030	051	193	42	21.6	33.5	765
NAWQA LUSCR1-5	07-23-01	1200	051	145	52	20.9	33.0	764
NAWQA LUSCR1-4	08-21-01	1300	051	160	36.5	20.4	32.5	768
NAWQA LUSCR1-24	09-18-01	1100	051	265	57	20.5	27.0	762
NAWQA LUSCR1-25	09-18-01	1615	051	270	38.5	20.3	29.0	763
NAWQA LUSCR1-13	09-19-01	1600	051	160	32.5	19.6	29.0	764
NAWQA LUSCR1-3	09-06-01	1400	085	149	29.75	23.8	33.5	766
NAWQA LUSCR1-9	06-25-01	1300	087	219	32	20.2	32.0	768
NAWQA LUSCR1-14	06-26-01	1200	087	250	45.5	22.6	27.5	769
NAWQA LUSCR1-6	07-09-01	1300	087	200	40	21.8	31.5	763
NAWQA LUSCR1-7	07-24-01	1200	087	190	30	21.0	34.5	762
NAWQA LUSCR1-17	09-20-01	1200	087	215	30	20.0	26.0	763
NAWQA LUSCR1-20	06-27-01	1300	101	155	32.5	22.2	29.0	774
NAWQA LUSCR1-21	07-11-01	1600	101	162	40	19.9	34.5	761
NAWQA LUSCR1-30	07-19-01	1230	101	152	51.75	25.5	34.0	767
NAWQA LUSCR1-27	08-22-01	1300	101	140	34.75	21.4	33.0	770
NAWQA LUSCR1-28	09-10-01	1130	101	140	31	20.7	28.0	766
NAWQA LUSCR1-22	09-17-01	1030	101	145	29	19.0	19.5	765
NAWQA LUSCR1-23	09-17-01	1630	101	135	24.25	20.7	29.0	765
NAWQA LUSCR1-16	08-07-01	1015	125	132	38.3	20.2	27.5	770
NAWQA LUSCR1-26	08-08-01	1015	125	135	38	18.8	27.0	769
NAWQA LUSCR1-19	08-08-01	1515	125	130	22	21.2	33.0	767
NAWQA LUSCR1-29	08-09-01	1330	125	120	41	18.6	31.0	769

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)
NAWQA LUSCR1-15	.6	6	5.4	5.6	115	114	95	75
NAWQA LUSCR1-31	6.4	72	5.2	5.2	61	62	43	--
NAWQA LUSCR1-1	.4	4	5.8	5.9	107	106	75	74
NAWQA LUSCR1-2	1.2	14	5.5	5.8	84	82	72	60
NAWQA LUSCR1-18	1.8	20	5.5	5.9	127	129	100	86
NAWQA LUSCR1-10	.6	7	5.3	5.5	120	119	77	75
NAWQA LUSCR1-12	2.5	28	5.3	5.5	83	93	71	63
NAWQA LUSCR1-11	2.4	27	5.3	5.6	105	105	82	73
NAWQA LUSCR1-5	.1	2	6.5	6.6	206	219	137	135
NAWQA LUSCR1-4	.1	1	6.4	--	325	--	--	--
NAWQA LUSCR1-24	6.6	73	4.5	4.7	111	108	72	--
NAWQA LUSCR1-25	4.8	53	4.8	4.9	66	64	42	43
NAWQA LUSCR1-13	.2	2	6.1	6.1	101	96	53	77
NAWQA LUSCR1-3	3.3	39	5.0	5.4	330	329	197	134
NAWQA LUSCR1-9	3.9	43	4.7	5.0	32	30	18	23
NAWQA LUSCR1-14	.1	1	5.8	6.0	45	45	42	41
NAWQA LUSCR1-6	.2	2	6.4	6.6	104	111	71	66
NAWQA LUSCR1-7	2.4	27	5.7	5.9	201	196	155	167
NAWQA LUSCR1-17	.2	2	6.5	6.9	108	93	72	89
NAWQA LUSCR1-20	1.6	18	5.1	5.4	70	71	75	64
NAWQA LUSCR1-21	5.4	59	5.1	5.3	21	21	32	--
NAWQA LUSCR1-30	4.2	51	5.5	5.7	140	146	111	97
NAWQA LUSCR1-27	6.3	71	5.4	5.7	123	122	85	82
NAWQA LUSCR1-28	6.5	72	5.2	6.9	126	124	95	87
NAWQA LUSCR1-22	1.7	18	5.0	5.1	83	84	74	71
NAWQA LUSCR1-23	.2	2	6.1	6.2	128	111	77	98
NAWQA LUSCR1-16	1.0	11	4.7	5.0	238	231	133	130
NAWQA LUSCR1-26	.1	0	5.5	5.6	107	105	66	66
NAWQA LUSCR1-19	4.5	51	4.0	5.2	185	186	103	117
NAWQA LUSCR1-29	.3	4	4.8	5.2	92	91	60	70

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ALKA- LINITY WAT.DIS FET LAB CACO3 (MG/L) (29801)	TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
NAWQA LUSCR1-15	11	9	12	8.0	<.040	.009	E.05	4.43
NAWQA LUSCR1-31	4	3	3	.7	<.040	<.006	<.10	3.45
NAWQA LUSCR1-1	29	24	23	.4	E.025	<.006	E.06	1.02
NAWQA LUSCR1-2	13	11	11	1.4	<.040	<.006	<.10	2.98
NAWQA LUSCR1-18	15	13	13	.6	<.040	<.006	E.05	4.41
NAWQA LUSCR1-10	12	10	12	.4	<.040	.008	<.10	3.37
NAWQA LUSCR1-12	10	8	9	.4	E.024	<.006	<.10	3.48
NAWQA LUSCR1-11	11	9	11	.1	<.040	E.004	<.10	2.79
NAWQA LUSCR1-5	122	100	107	1.0	.093	<.006	.13	<.050
NAWQA LUSCR1-4	187	153	--	.2	3.06	.050	3.5	E.045
NAWQA LUSCR1-24	<1	<1	<1	.3	<.040	<.006	<.10	8.79
NAWQA LUSCR1-25	<1	<1	1	.6	<.040	<.006	<.10	4.48
NAWQA LUSCR1-13	44	36	24	1.3	.272	.008	.29	<.050
NAWQA LUSCR1-3	5	4	6	.7	<.040	<.006	<.10	E4.48
NAWQA LUSCR1-9	2	2	2	.1	<.040	E.003	<.10	.236
NAWQA LUSCR1-14	20	16	9	5.0	.044	.009	E.06	E.042
NAWQA LUSCR1-6	51	42	45	.5	.157	.011	.21	<.050
NAWQA LUSCR1-7	34	28	31	1.1	<.040	<.006	<.10	17.6
NAWQA LUSCR1-17	59	48	44	1.4	.484	.009	.48	E.026
NAWQA LUSCR1-20	7	6	7	.5	<.040	<.006	<.10	3.43
NAWQA LUSCR1-21	4	3	4	3.3	<.040	<.006	<.10	.249
NAWQA LUSCR1-30	10	8	9	.7	<.040	.006	<.10	7.49
NAWQA LUSCR1-27	13	10	11	1.5	<.040	<.006	<.10	4.91
NAWQA LUSCR1-28	6	5	6	.5	<.040	E.003	<.10	6.30
NAWQA LUSCR1-22	5	4	5	.6	<.040	<.006	<.10	2.57
NAWQA LUSCR1-23	61	50	38	.6	.238	.013	.24	.390
NAWQA LUSCR1-16	2	2	2	.1	E.028	<.006	E.05	3.05
NAWQA LUSCR1-26	16	13	11	.9	.043	<.006	E.08	.288
NAWQA LUSCR1-19	<1	<1	4	1.0	E.021	<.006	<.10	10.9
NAWQA LUSCR1-29	6	5	8	1.8	E.021	<.006	<.10	1.86

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)
NAWQA LUSCR1-15	.013	<.020	E.19	31	7.04	3.22	6.9	.5
NAWQA LUSCR1-31	<.006	<.020	<.30	11	1.57	1.63	4.7	.6
NAWQA LUSCR1-1	<.006	<.020	.42	21	4.80	2.24	9.3	.9
NAWQA LUSCR1-2	E.005	<.020	<.30	24	4.84	2.91	4.0	.4
NAWQA LUSCR1-18	<.006	<.020	<.30	34	6.45	4.28	7.9	.6
NAWQA LUSCR1-10	<.006	<.020	E.19	22	3.40	3.23	11.2	1
NAWQA LUSCR1-12	<.006	<.020	<.30	22	3.59	3.13	6.6	.6
NAWQA LUSCR1-11	<.006	<.020	2.7	24	6.01	2.27	7.7	.7
NAWQA LUSCR1-5	<.006	<.020	.57	99	32.9	4.06	3.7	.2
NAWQA LUSCR1-4	.326	.196	6.0	--	--	--	--	--
NAWQA LUSCR1-24	<.006	<.020	<.30	30	5.58	3.83	3.5	.3
NAWQA LUSCR1-25	<.006	<.020	<.30	14	2.54	1.85	3.2	.4
NAWQA LUSCR1-13	.184	.116	E.27	16	4.73	.930	5.1	.6
NAWQA LUSCR1-3	<.006	<.020	<.30	64	12.3	8.05	28.9	2
NAWQA LUSCR1-9	<.006	<.020	E.20	2	.17	.351	2.9	.9
NAWQA LUSCR1-14	.019	.024	.56	6	1.41	.699	1.4	.2
NAWQA LUSCR1-6	.009	<.020	1.2	33	7.85	3.17	1.8	.1
NAWQA LUSCR1-7	<.006	<.020	<.30	65	16.9	5.52	8.1	.4
NAWQA LUSCR1-17	.113	.025	.43	31	11.3	.762	4.2	.3
NAWQA LUSCR1-20	E.004	<.020	<.30	15	4.31	1.14	6.0	.7
NAWQA LUSCR1-21	<.006	<.020	E.19	3	1.01	.198	1.8	.4
NAWQA LUSCR1-30	<.006	<.020	E.20	38	9.99	3.12	9.4	.7
NAWQA LUSCR1-27	E.005	<.020	E.24	29	5.96	3.31	9.1	.7
NAWQA LUSCR1-28	<.006	<.020	<.30	33	7.44	3.58	8.2	.6
NAWQA LUSCR1-22	.007	<.020	<.30	18	5.13	1.21	5.7	.6
NAWQA LUSCR1-23	.015	.019	E.33	31	8.59	2.21	5.8	.5
NAWQA LUSCR1-16	E.005	<.020	E.22	29	3.76	4.79	27.2	2
NAWQA LUSCR1-26	.058	<.020	.42	22	3.92	2.96	7.7	.7
NAWQA LUSCR1-19	<.006	<.020	.42	64	8.56	10.3	4.8	.3
NAWQA LUSCR1-29	.015	E.015	E.24	30	7.51	2.62	2.0	.2

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)
NAWQA LUSCR1-15	1.23	12.4	1.5	<.2	18.0	30	10.0	.07
NAWQA LUSCR1-31	1.68	6.3	E.1	<.2	13.6	M	45.1	.04
NAWQA LUSCR1-1	1.33	12.8	1.2	<.2	21.4	1780	182	.07
NAWQA LUSCR1-2	1.73	7.6	1.7	<.2	17.4	<10	8.0	.03
NAWQA LUSCR1-18	1.75	16.2	.2	<.2	21.0	<10	E2.9	.05
NAWQA LUSCR1-10	1.40	17.0	1.4	<.2	16.9	<10	20.1	.10
NAWQA LUSCR1-12	.96	9.5	1.7	<.2	16.9	<10	4.9	.05
NAWQA LUSCR1-11	1.33	15.9	.2	<.2	22.0	<10	67.1	.07
NAWQA LUSCR1-5	1.57	5.0	.2	E.1	26.8	<10	780	.04
NAWQA LUSCR1-24	1.08	7.3	.2	<.2	8.9	<10	75.2	.02
NAWQA LUSCR1-25	.70	5.4	.2	<.2	8.3	<10	6.2	.02
NAWQA LUSCR1-13	.97	6.8	.6	<.2	24.6	10200	152	.08
NAWQA LUSCR1-3	2.92	67.8	1.9	<.2	9.2	<10	61.1	.36
NAWQA LUSCR1-9	.81	4.8	.1	<.2	11.5	<10	E1.8	.01
NAWQA LUSCR1-14	2.11	2.6	.2	<.2	18.0	4680	27.7	.09
NAWQA LUSCR1-6	3.00	5.2	2.0	.2	10.3	<10	7220	<.01
NAWQA LUSCR1-7	2.27	15.2	2.4	<.2	21.8	<10	45.0	.08
NAWQA LUSCR1-17	2.24	2.2	.6	<.2	33.0	4840	145	.07
NAWQA LUSCR1-20	.30	5.7	1.3	<.2	26.9	<10	121	.06
NAWQA LUSCR1-21	E.06	2.2	.8	<.2	14.4	<10	4.1	.02
NAWQA LUSCR1-30	1.92	15.0	2.0	<.2	17.6	<10	52.8	.06
NAWQA LUSCR1-27	.55	12.1	6.3	<.2	16.8	M	18.6	.06
NAWQA LUSCR1-28	.49	11.9	5.3	<.2	19.4	<10	18.4	.08
NAWQA LUSCR1-22	.72	8.3	6.7	<.2	28.5	380	56.3	.05
NAWQA LUSCR1-23	.65	7.1	1.7	E.1	27.4	9520	2400	.12
NAWQA LUSCR1-16	1.17	41.0	20.1	<.2	17.2	<10	334	.26
NAWQA LUSCR1-26	1.50	21.0	1.6	<.2	15.0	2370	283	.13
NAWQA LUSCR1-19	2.01	7.9	20.6	<.2	12.3	<10	120	.02
NAWQA LUSCR1-29	.48	2.1	18.8	<.2	25.4	<10	81.7	.03

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	DATE	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)
NAWQA LUSCR1-15	07-18-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-31	09-19-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-1	06-18-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-2	06-19-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-18	06-19-01	<.010	<.002	<.03	<.01	<.01	<.0005	<.011
NAWQA LUSCR1-10	06-28-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-12	07-10-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-11	07-11-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-5	07-23-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-4	08-21-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-24	09-18-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-25	09-18-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-13	09-19-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-3	09-06-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-9	06-25-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-14	06-26-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-6	07-09-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-7	07-24-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-17	09-20-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-20	06-27-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-21	07-11-01	--	--	<.03	<.01	<.01	<.03	--
NAWQA LUSCR1-30	07-19-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-27	08-22-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-28	09-10-01	--	--	<.03	<.01	<.01	<.03	--
NAWQA LUSCR1-22	09-17-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-23	09-17-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-16	08-07-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-26	08-08-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-19	08-08-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011
NAWQA LUSCR1-29	08-09-01	<.010	<.002	<.03	<.01	<.01	<.03	<.011

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)
NAWQA LUSCR1-15	<.015	E.01	<.01	E.003	<.018	<.003	<.005	<.003
NAWQA LUSCR1-31	<.015	<.0021	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-1	<.015	E.01	<.01	E.001	<.018	<.003	<.005	<.003
NAWQA LUSCR1-2	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-18	<.015	<.04	<.0012	<.028	<.018	<.003	<.005	<.003
NAWQA LUSCR1-10	<.015	<.04	M	<.001	<.018	<.003	<.005	<.003
NAWQA LUSCR1-12	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-11	<.015	<.04	M	E.015	<.018	<.003	<.005	<.003
NAWQA LUSCR1-5	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-4	<.015	<.04	<.0014	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-24	<.015	<.04	<.01	E.004	<.018	<.003	<.005	<.003
NAWQA LUSCR1-25	<.015	<.04	<.01	E.004	<.018	<.003	<.005	<.003
NAWQA LUSCR1-13	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-3	<.015	E.09	<.01	E.003	<.018	<.003	<.005	<.003
NAWQA LUSCR1-9	<.015	<.04	<.01	E.003	<.018	<.003	<.005	<.003
NAWQA LUSCR1-14	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-6	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-7	<.015	E.01	<.01	<.006	<.018	<.003	<.005	<.005
NAWQA LUSCR1-17	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-20	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-21	--	<.04	<.01	--	--	--	--	--
NAWQA LUSCR1-30	<.015	<.04	<.0028	E.002	<.018	<.003	<.005	<.003
NAWQA LUSCR1-27	<.015	<.04	E.01	E.057	<.018	<.003	<.005	<.003
NAWQA LUSCR1-28	--	<.04	<.01	--	--	--	--	--
NAWQA LUSCR1-22	<.015	<.04	<.01	E.003	<.018	<.003	<.005	<.003
NAWQA LUSCR1-23	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-16	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-26	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-19	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003
NAWQA LUSCR1-29	<.015	<.04	<.01	<.006	<.018	<.003	<.005	<.003

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)
NAWQA LUSCR1-15	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-31	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-1	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-2	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-18	<.01	<.0020	<.02	<.01	<.0011	<.01	<.001	<.01
NAWQA LUSCR1-10	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-12	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-11	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-5	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-4	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-24	<.01	<.01	<.02	<.01	<.0005	<.01	<.017	<.01
NAWQA LUSCR1-25	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-13	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-3	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-9	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-14	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-6	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-7	<.01	<.01	<.02	<.01	<.01	<.01	<.001	<.01
NAWQA LUSCR1-17	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-20	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-21	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-30	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-27	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-28	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-22	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-23	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-16	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-26	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-19	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01
NAWQA LUSCR1-29	<.01	<.01	<.02	<.01	<.01	<.01	<.017	<.01

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)
NAWQA LUSCR1-15	<.02	E.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-31	<.02	.11	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-1	<.02	E.01	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-2	<.02	E.01	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-18	<.02	.05	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-10	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-12	<.02	.54	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-11	<.02	E.01	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-5	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-4	<.02	<.03	<.01	<.005	<.004	<.005	.057	<.027
NAWQA LUSCR1-24	<.02	.04	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-25	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-13	<.02	M	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-3	<.02	.12	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-9	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-14	<.02	M	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-6	<.02	.06	<.01	<.005	<.004	<.005	E.004	<.027
NAWQA LUSCR1-7	<.02	<.03	<.01	<.005	<.004	<.005	E.003	<.027
NAWQA LUSCR1-17	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-20	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-21	<.02	<.03	<.01	--	--	--	--	--
NAWQA LUSCR1-30	<.02	.28	<.01	<.005	<.004	<.005	<.013	E.006
NAWQA LUSCR1-27	<.02	.34	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-28	<.02	E.02	<.01	--	--	--	--	--
NAWQA LUSCR1-22	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-23	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-16	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-26	<.02	E.01	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-19	<.02	E1.40	<.01	<.005	<.004	<.005	<.013	<.027
NAWQA LUSCR1-29	<.02	<.03	<.01	<.005	<.004	<.005	<.013	<.027

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
NAWQA LUSCR1-15	<.007	<.005	.032	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-31	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-1	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-2	<.007	<.005	E.004	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-18	<.007	<.005	<.002	<.02	<.002	<.02	M	<.004
NAWQA LUSCR1-10	<.007	<.005	<.009	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-12	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-11	<.007	<.005	E.008	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-5	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-4	<.007	<.005	.027	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-24	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-25	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-13	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-3	<.007	<.005	<.008	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-9	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-14	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-6	<.007	<.005	.021	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-7	<.007	<.005	.076	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-17	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-20	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-21	--	--	--	<.02	--	<.02	<.01	--
NAWQA LUSCR1-30	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-27	<.007	<.005	.149	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-28	--	--	--	<.02	--	<.02	<.01	--
NAWQA LUSCR1-22	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-23	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-16	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-26	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-19	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004
NAWQA LUSCR1-29	<.007	<.005	<.007	<.02	<.002	<.02	<.01	<.004

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
NAWQA LUSCR1-15	<.02	<.02	<.02	<.01	<.0044	<.0007	<.01	<.01
NAWQA LUSCR1-31	<.02	<.02	E.10	<.0012	<.0044	<.03	.02	<.01
NAWQA LUSCR1-1	<.02	<.02	E.01	<.01	<.0044	<.0009	<.01	<.01
NAWQA LUSCR1-2	<.02	<.02	<.02	<.01	<.0044	<.0008	<.01	<.01
NAWQA LUSCR1-18	<.02	<.02	<.0011	<.0016	<.0044	<.03	<.01	<.0007
NAWQA LUSCR1-10	<.02	<.02	<.02	<.01	<.0044	<.0007	<.01	<.01
NAWQA LUSCR1-12	<.02	<.02	E.03	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-11	<.02	<.02	<.0006	<.01	<.0044	<.03	<.0019	<.01
NAWQA LUSCR1-5	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-4	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-24	<.02	<.02	E.02	<.0011	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-25	<.02	<.02	<.0009	<.0010	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-13	<.02	<.02	<.0020	<.0012	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-3	<.02	<.02	E.03	<.01	<.0044	<.03	M	<.01
NAWQA LUSCR1-9	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-14	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-6	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-7	<.02	<.02	<.02	<.01	<.0044	<.0006	<.01	<.01
NAWQA LUSCR1-17	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-20	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-21	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-30	<.02	<.02	E.42	<.01	<.0014	<.0006	.04	<.01
NAWQA LUSCR1-27	<.02	<.02	<.02	<.01	<.0044	<.03	.02	<.01
NAWQA LUSCR1-28	<.02	<.02	<.02	<.01	<.0044	<.0003	<.01	<.01
NAWQA LUSCR1-22	<.02	<.02	<.0009	<.0012	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-23	<.02	<.02	<.0010	<.0013	<.0044	<.03	<.01	<.01
NAWQA LUSCR1-16	<.02	<.02	<.02	<.01	<.0044	<.0007	<.01	<.0007
NAWQA LUSCR1-26	<.02	<.02	<.02	<.01	<.0044	<.0007	<.01	<.01
NAWQA LUSCR1-19	<.02	<.02	E.01	<.01	<.0044	<.0010	<.01	<.0006
NAWQA LUSCR1-29	<.02	<.02	<.02	<.01	<.0044	<.03	<.01	<.01

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
NAWQA LUSCR1-15	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-31	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-1	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-2	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-18	<.01	<.01	<.01	<.04	<.01	<.01	<.0016	<.02
NAWQA LUSCR1-10	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-12	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-11	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-5	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-4	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-24	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-25	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-13	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-3	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-9	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-14	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-6	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-7	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-17	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-20	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-21	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-30	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-27	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-28	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-22	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-23	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-16	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-26	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-19	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02
NAWQA LUSCR1-29	<.01	<.01	<.01	<.04	<.01	<.01	<.03	<.02

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)
NAWQA LUSCR1-15	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.002
NAWQA LUSCR1-31	<.04	E.14	E.06	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-1	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-2	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-18	<.04	<.0018	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-10	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-12	<.04	<.02	M	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-11	<.04	<.0015	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-5	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-4	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-24	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	E.007
NAWQA LUSCR1-25	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-13	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-3	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-9	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-14	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-6	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-7	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-17	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-20	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-21	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-30	<.04	E.05	E.04	<.01	<1.50	<.025	<.004	E.004
NAWQA LUSCR1-27	<.04	E.06	E.06	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-28	<.04	<.02	E.02	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-22	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-23	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-16	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-26	<.04	E.01	M	<.01	<1.50	<.025	<.004	<.010
NAWQA LUSCR1-19	<.04	E.02	E.01	.15	<1.50	<.025	.009	<.010
NAWQA LUSCR1-29	<.04	<.02	<.01	<.01	<1.50	<.025	<.004	<.010

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	SULFO- MET- RURON METHYL WTR FLT REC (UG/L) (50337)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)
NAWQA LUSCR1-15	<.010	<.009	<.002	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-31	<.010	<.009	<.008	<.016	<.001	<.013	<.017	<.013
NAWQA LUSCR1-1	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-2	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-18	<.010	<.001	<.008	<.016	<.001	<.013	<.017	<.013
NAWQA LUSCR1-10	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-12	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-11	<.010	<.009	<.003	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-5	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-4	<.010	<.009	E.136	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-24	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-25	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-13	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-3	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-9	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-14	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-6	<.010	<.009	E.099	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-7	<.010	<.002	E.006	<.001	<.020	<.013	<.017	<.013
NAWQA LUSCR1-17	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-20	<.010	<.009	<.008	<.016	<.020	<.013	E.009	<.013
NAWQA LUSCR1-21	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-30	<.010	<.009	<.008	<.016	<.001	<.013	<.017	<.013
NAWQA LUSCR1-27	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-28	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-22	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-23	<.010	<.009	E.011	<.016	<.020	<.013	E.005	<.013
NAWQA LUSCR1-16	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-26	<.010	<.009	<.008	<.016	<.020	<.013	<.017	<.013
NAWQA LUSCR1-19	<.010	<.009	<.008	<.016	.096	<.013	<.017	<.013
NAWQA LUSCR1-29	<.010	<.001	<.008	<.016	<.020	<.013	<.017	<.013

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	PROP- ICONA- ZOLE, WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	UREA 3/ 4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (61695)
NAWQA LUSCR1-15	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-31	<.009	<.006	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-1	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-2	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-18	<.009	<.001	<.01	<.02	<.0242	<.0013	<.0110	<.0068
NAWQA LUSCR1-10	<.009	<.006	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-12	<.009	<.006	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-11	<.009	<.003	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-5	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-4	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-24	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-25	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-13	<.009	<.006	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-3	<.009	<.004	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-9	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-14	<.031	<.025	--	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-6	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-7	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-17	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-20	<.009	<.016	--	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-21	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-30	<.009	<.002	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-27	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-28	<.009	<.004	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-22	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-23	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-16	<.009	<.002	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-26	<.009	<.003	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-19	<.009	<.002	<.01	<.02	<.0242	<.0158	<.0110	<.0068
NAWQA LUSCR1-29	<.009	<.021	<.01	<.02	<.0242	<.0158	<.0110	<.0068

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	METH- OMYL OXIME WATER FLTRD REC (UG/L) (61696)	MET- SUL- FURON METHYL WAT FLT REC (UG/L) (61697)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	METRI- BUZIN WATER FLTRD 0.7 U GF, REC (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
NAWQA LUSCR1-15	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-31	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-1	<.0110	<.0250	E.001	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-2	<.0110	<.0250	.148	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-18	<.0110	<.0250	<.001	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-10	<.0110	<.0250	<.006	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-12	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-11	<.0110	<.0250	<.006	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-5	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-4	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-24	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-25	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-13	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-3	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-9	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-14	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-6	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-7	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-17	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-20	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-21	<.0110	<.0250	--	--	--	--	--	--
NAWQA LUSCR1-30	<.0110	<.0250	<.016	<.003	<.041	.007	<.002	<.009
NAWQA LUSCR1-27	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-28	<.0110	<.0250	--	--	--	--	--	--
NAWQA LUSCR1-22	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-23	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-16	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-26	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-19	<.0110	<.0250	<.016	<.003	<.041	<.006	<.002	<.009
NAWQA LUSCR1-29	<.0110	<.0335	<.016	<.003	<.041	<.006	<.002	<.009

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
NAWQA LUSCR1-15	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-31	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-1	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-2	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-18	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-10	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-12	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-11	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-5	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-4	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-24	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-25	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-13	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-3	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-9	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-14	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-6	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-7	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-17	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-20	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-30	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-27	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-22	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-23	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-16	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-26	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-19	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002
NAWQA LUSCR1-29	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.002

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
NAWQA LUSCR1-15	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-31	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-1	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-2	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-18	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-10	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-12	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-11	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-5	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-4	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-24	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-25	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-13	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-3	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-9	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-14	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-6	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-7	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-17	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-20	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-30	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-27	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-22	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-23	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-16	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-26	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-19	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011
NAWQA LUSCR1-29	<.005	<.010	<.020	<.017	<.004	<.021	<.002	<.011

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
NAWQA LUSCR1-15	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-31	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-1	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-2	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-18	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-10	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-12	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-11	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-5	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-4	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-24	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-25	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-13	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-3	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-9	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-14	<.005	<.010	<.007	<.050	<.050	<.006
NAWQA LUSCR1-6	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-7	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-17	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-20	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-30	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-27	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-22	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-23	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-16	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-26	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-19	<.005	<.010	<.007	<.023	<.050	<.006
NAWQA LUSCR1-29	<.005	<.010	<.007	<.023	<.050	<.006

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

Short-term water-quality data were collected at several wells in the Lower Tennessee River Study Unit of the National Water-Quality Assessment Program. Data collected includes basic water-quality parameters and pesticide parameters. The following list gives the county name associated with the county code number: Colbert (033), Limestone (083), Madison (089).

MULTIPLE STATION ANALYSES

STATION NAME	DATE	TIME	COUNTY	ELEV. OF LAND SURFACE DATUM FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	SAMPLING DEPTH (FEET)	DIS- CHARGE, INST. CUBIC FEET PER SECOND
				(72000)	(72008)	(72019)		(00003)
EHR-LUS33	04-18-01	1000	033	538	53	3.65	30.0	--
EHR-LUS27	04-17-01	1730	033	585	46	43.15	45.0	--
EHR-LUS26	04-17-01	1500	033	543	31	28.30	31.0	--
EHR-LUS21	04-16-01	1600	083	608	32	26.78	31.0	--
EHR-LUS35	04-17-01	0930	083	640	53	36.28	40.0	--
EHR-LUS19	04-16-01	1800	083	662	23	9.23	22.0	--
EHR-LUS31	04-18-01	1430	089	663	36	15.10	26.0	--
EHR-LUS13	04-18-01	1700	089	705	35	22.10	25.0	--
EHR-LUS11	04-19-01	0900	089	858	50	15.70	40.0	--
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	10-17-00	1230	089	--	--	--	--	2.6
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	11-06-00	1145	089	--	--	--	--	--
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	12-13-00	0830	089	--	--	--	--	2.9
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	01-10-01	1300	089	--	--	--	--	4.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	02-14-01	0800	089	--	--	--	--	7.2
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	03-14-01	0830	089	--	--	--	--	8.7
MCGEEHEE SPRING NEAR NEW MARKET, AL	10-17-00	1600	089	680	--	--	--	.33
MCGEEHEE SPRING NEAR NEW MARKET, AL	11-06-00	0930	089	680	--	--	--	2.6
MCGEEHEE SPRING NEAR NEW MARKET, AL	12-13-00	1115	089	680	--	--	--	.34
MCGEEHEE SPRING NEAR NEW MARKET, AL	01-10-01	1000	089	680	--	--	--	.25
MCGEEHEE SPRING NEAR NEW MARKET, AL	02-14-01	1115	089	680	--	--	--	.85
MCGEEHEE SPRING NEAR NEW MARKET, AL	03-14-01	1100	089	680	--	--	--	.85
STATION NAME	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
EHR-LUS33	16.0	9.0	760	4.9	49.8	7.4	7.4	263
EHR-LUS27	16.5	13.0	756	7.2	74.4	7.0	7.3	423
EHR-LUS26	16.5	14.0	756	6.9	71.2	5.9	6.9	76
EHR-LUS21	18.5	21.0	750	6.7	72.7	6.1	7.0	147
EHR-LUS35	15.5	9.0	751	7.9	80.4	6.9	7.1	220
EHR-LUS19	17.0	20.0	750	6.9	72.5	5.1	5.5	22
EHR-LUS31	17.0	15.0	754	6.9	72.2	5.1	5.5	60
EHR-LUS13	16.5	18.0	750	7.2	75.0	6.8	7.3	215
EHR-LUS11	16.0	13.0	748	7.7	79.5	4.9	5.2	67
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	16.0	25.0	746	9.6	99.4	7.0	7.1	153
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	16.0	18.0	750	8.3	85.5	7.1	7.0	190
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	16.0	1.0	751	7.4	76.1	7.2	7.3	200
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	16.0	14.0	748	7.6	78.9	7.0	7.0	163
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	16.0	15.0	747	8.0	82.7	7.0	6.9	170
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	16.0	10.0	744	8.3	85	7.2	7.0	165
MCGEEHEE SPRING NEAR NEW MARKET, AL	17.5	26.0	746	7.1	75.6	6.9	7.0	130
MCGEEHEE SPRING NEAR NEW MARKET, AL	17.0	18.0	750	6.6	69.4	6.9	7.0	130
MCGEEHEE SPRING NEAR NEW MARKET, AL	15.5	8.0	752	7.1	72.1	7.0	7.0	129
MCGEEHEE SPRING NEAR NEW MARKET, AL	14.0	4.0	753	6.2	61.3	7.1	7.0	137
MCGEEHEE SPRING NEAR NEW MARKET, AL	13.0	17.0	748	6.8	65.8	7.0	6.7	143
MCGEEHEE SPRING NEAR NEW MARKET, AL	13.5	17.0	745	6.3	61.7	7.0	6.7	135

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CaCO3 (39086)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)
EHR-LUS33	274	179	155	--	.2	138	113	<1
EHR-LUS27	421	257	234	--	.3	209	172	<1
EHR-LUS26	--	63	50.4	--	.1	47	38	<1
EHR-LUS21	157	99	94.2	--	.1	43	35	<1
EHR-LUS35	228	131	123	--	.2	113	92	<1
EHR-LUS19	26	28	22.0	--	.0	8	6	<1
EHR-LUS31	65	52	45.5	--	.1	11	9	<1
EHR-LUS13	244	110	120	--	.1	111	91	<1
EHR-LUS11	70	58	47.9	--	.1	9	8	<1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	167	95	92.3	.67	.1	79	65	320
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	208	119	117	--	.2	100	82	1400
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	184	105	99.6	.83	.1	85	70	E4
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	162	93	90.9	1.00	.1	75	62	<1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	171	95	94.5	1.8	.1	78	64	<1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	169	113	95.4	2.6	.2	78	64	<1
MCGEETHEE SPRING NEAR NEW MARKET, AL	135	76	75.7	.07	.1	65	53	E10
MCGEETHEE SPRING NEAR NEW MARKET, AL	136	74	69.5	.52	.1	53	52	<1
MCGEETHEE SPRING NEAR NEW MARKET, AL	140	82	78.9	.08	.1	67	55	E3
MCGEETHEE SPRING NEAR NEW MARKET, AL	138	80	78.1	.05	.1	59	48	E1
MCGEETHEE SPRING NEAR NEW MARKET, AL	145	81	79.3	.19	.1	52	43	E2
MCGEETHEE SPRING NEAR NEW MARKET, AL	140	92	79.9	.21	.1	52	42	E1
STATION NAME	TURBIDITY (NTU) (00076)	TURBIDITY FIELD WATER UNFLTRD (61028)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, AMMONIA + DIS-SOLVED (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOSPHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00666)
EHR-LUS33	3.5	--	<.041	<.006	<.10	4.46	.055	.019
EHR-LUS27	3.1	--	<.041	<.006	<.10	4.14	--	.010
EHR-LUS26	77	--	<.041	<.006	<.10	.439	--	.006
EHR-LUS21	15	--	<.041	<.006	<.10	7.71	--	.012
EHR-LUS35	24	--	<.041	<.006	<.10	3.10	--	.014
EHR-LUS19	25	--	<.041	<.006	<.10	.153	--	<.006
EHR-LUS31	69	--	<.041	<.006	<.10	3.50	--	<.006
EHR-LUS13	8.7	--	<.041	<.006	<.10	3.21	.101	.036
EHR-LUS11	15	--	<.041	<.006	<.10	4.76	--	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	--	.5	<.041	<.006	<.10	2.36	--	.010
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	--	7.5	<.041	<.006	<.10	2.99	--	.015
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	--	.2	<.041	<.006	<.10	2.65	--	.014
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	--	.6	<.041	<.006	<.10	2.56	--	.014
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	--	.4	<.041	<.006	.11	2.81	--	.012
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	--	.3	<.041	<.006	<.10	2.84	--	.013
MCGEETHEE SPRING NEAR NEW MARKET, AL	--	1.0	<.041	<.006	<.10	2.08	--	.008
MCGEETHEE SPRING NEAR NEW MARKET, AL	--	1.0	<.041	<.006	<.10	2.08	--	.007
MCGEETHEE SPRING NEAR NEW MARKET, AL	--	1.1	<.041	<.006	<.10	2.32	--	.010
MCGEETHEE SPRING NEAR NEW MARKET, AL	--	.9	<.041	<.006	<.10	2.51	--	.011
MCGEETHEE SPRING NEAR NEW MARKET, AL	--	3.1	<.041	<.006	<.10	3.03	--	.009
MCGEETHEE SPRING NEAR NEW MARKET, AL	--	2.3	<.041	<.006	<.10	3.12	--	.007

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	
EHR-LUS33		.018	.36	131	18	49.8	1.71	1.7	.063
EHR-LUS27		<.018	.52	200	29	75.8	2.65	5.0	.154
EHR-LUS26		<.018	.31	36.6	--	11.0	2.21	.9	.062
EHR-LUS21		E.012	.34	63.9	29	20.1	3.33	2.1	.115
EHR-LUS35		E.009	.36	107	14	35.3	4.51	1.6	.068
EHR-LUS19		<.018	.43	5.02	--	1.11	.546	1.7	.339
EHR-LUS31		<.018	.28	15.8	7	3.27	1.84	3.4	.378
EHR-LUS13		.033	.27	107	16	25.0	10.8	1.5	.061
EHR-LUS11		<.018	.27	20.2	13	5.16	1.76	1.7	.167
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.013	.64	73.4	9	23.8	3.38	2.4	.121	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.013	.66	86.0	4	28.2	3.79	5.5	.258	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.013	.31	79.3	10	25.9	3.53	2.8	.139	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.016	.47	73.0	12	23.7	3.35	2.1	.108	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.010	.41	74.1	10	24.2	3.34	2.1	.106	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.013	.35	76.3	12	25.0	3.38	1.9	.096	
MCGEEHEE SPRING NEAR NEW MARKET, AL	E.011	.54	61.1	8	18.6	3.55	1.0	.058	
MCGEEHEE SPRING NEAR NEW MARKET, AL	E.012	.56	60.3	17	18.3	3.55	1.1	.062	
MCGEEHEE SPRING NEAR NEW MARKET, AL	E.010	.35	63.5	8	19.1	3.80	1.1	.059	
MCGEEHEE SPRING NEAR NEW MARKET, AL	E.015	.55	62.5	14	18.7	3.86	1.2	.067	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.018	.83	61.8	19	18.5	3.79	1.2	.064	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.018	.63	61.7	19	18.6	3.69	1.1	.063	
STATION NAME	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)				
EHR-LUS33	2.68	.54	3.3	.9	<.2				
EHR-LUS27	5.13	.85	18.5	.8	E.1				
EHR-LUS26	4.81	.36	1.5	.2	<.2				
EHR-LUS21	6.64	.70	2.8	1.7	<.2				
EHR-LUS35	3.15	.73	2.7	.9	<.2				
EHR-LUS19	41.4	.28	4.0	.2	<.2				
EHR-LUS31	30.6	.96	5.5	1.1	<.2				
EHR-LUS13	2.86	.45	5.1	.5	<.2				
EHR-LUS11	14.8	1.10	4.4	.3	<.2				
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	6.57	.38	3.0	2.0	<.2				
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	12.1	.60	4.7	3.1	E.1				
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	7.19	.45	3.5	1.8	<.2				
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	5.90	.39	3.1	1.9	<.2				
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	5.74	.47	3.5	2.0	<.2				
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	5.16	.48	3.8	1.8	<.2				
MCGEEHEE SPRING NEAR NEW MARKET, AL	3.53	.30	2.4	.8	<.2				
MCGEEHEE SPRING NEAR NEW MARKET, AL	3.80	.33	2.4	.8	<.2				
MCGEEHEE SPRING NEAR NEW MARKET, AL	3.56	.36	2.7	1.0	<.2				
MCGEEHEE SPRING NEAR NEW MARKET, AL	4.05	.38	3.0	3.5	<.2				
MCGEEHEE SPRING NEAR NEW MARKET, AL	3.85	.64	3.4	6.3	<.2				
MCGEEHEE SPRING NEAR NEW MARKET, AL	3.84	.61	3.5	6.4	<.2				

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
NATIONAL WATER-QUALITY ASSESSMENT PROGRAM
LOWER TENNESSEE RIVER STUDY UNIT
MULTIPLE STATION ANALYSES

STATION NAME	SILICA, DIS- SOLVED (MG/L AS SIO ₂) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)
EHR-LUS33	9.0	<10	<3.2	.04
EHR-LUS27	9.5	<10	<3.2	.08
EHR-LUS26	9.0	30	63.2	.03
EHR-LUS21	8.2	M	12.4	.05
EHR-LUS35	8.0	<10	<3.2	.03
EHR-LUS19	9.7	10	44.8	.03
EHR-LUS31	8.3	<10	82.9	.04
EHR-LUS13	8.1	<10	E2.3	.03
EHR-LUS11	7.8	<10	39.8	.03
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.0	<10	E1.7	.03
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.3	<10	<3.2	.03
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.0	<10	<3.2	.02
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.0	<10	<3.2	.02
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.1	<10	<3.2	.03
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.0	<10	<3.2	.01
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.8	<10	E2.1	.03
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.7	<10	<3.2	.03
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.5	<10	<3.2	.02
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.3	<10	<3.2	.03
MCGEEHEE SPRING NEAR NEW MARKET, AL	6.5	<10	<3.2	.02
MCGEEHEE SPRING NEAR NEW MARKET, AL	6.5	<10	<3.2	<.01

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	SI- CLOATE, WATER, DISS, REC (UG/L) (04031)	TER- BACIL, WATER, DISS, REC (UG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
EHR-LUS33	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015
EHR-LUS27	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015
EHR-LUS26	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015
EHR-LUS21	<.010	<.002	<.08	<.05	<.10	E.01	<.011	<.015
EHR-LUS35	<.010	<.002	M	<.05	<.10	<.06	<.011	<.015
EHR-LUS19	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015
EHR-LUS31	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015
EHR-LUS13	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015
EHR-LUS11	<.010	<.002	<.08	<.05	<.10	E.02	E.003	<.015
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.002	<.08	<.05	<.10	<.06	E.005	<.015
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.002	<.08	<.05	<.10	<.06	E.003	<.015
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.002	<.08	<.05	<.10	<.06	<.011	<.015
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.002	<.08	<.05	<.10	<.06	E.002	E.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.002	<.08	<.05	<.10	<.06	E.004	E.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.002	E.01	<.05	<.10	<.06	<.011	<.015
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.002	E.01	<.05	<.10	<.06	<.011	<.015
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.002	E.01	<.05	<.10	<.06	<.011	<.015
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.002	E.01	<.05	<.10	<.06	<.011	<.015
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.002	<.08	<.05	<.10	<.06	E.002	<.015
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.002	<.08	<.05	<.10	<.06	E.002	<.015
STATION NAME	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEETHYL DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04039)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER, DISS, REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
EHR-LUS33	E.02	E.04	E.024	<.018	<.003	<.005	<.003	<.10
EHR-LUS27	E.01	E.01	E.004	<.018	<.003	<.005	<.003	<.10
EHR-LUS26	E.01	E.01	<.006	<.018	<.003	<.005	<.003	<.10
EHR-LUS21	E.03	E.01	<.006	<.018	<.003	<.005	E.003	<.10
EHR-LUS35	<.07	<.06	E.005	<.018	<.003	<.005	<.003	<.10
EHR-LUS19	<.07	<.06	<.006	<.018	<.003	<.005	<.003	<.10
EHR-LUS31	<.07	<.06	E.009	<.018	<.003	<.005	<.003	<.10
EHR-LUS13	E.01	E.01	E.051	<.018	<.003	<.005	<.003	<.10
EHR-LUS11	E.01	E.02	E.124	<.018	<.003	<.005	<.003	<.10
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	E.013	<.018	<.003	<.005	<.003	<.10
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	E.01	E.019	<.018	<.003	<.005	<.003	<.10
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	M	E.013	<.018	<.003	<.005	<.003	<.10
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	E.013	<.018	<.003	<.005	<.003	<.10
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	E.010	<.018	<.003	<.005	<.003	<.10
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.31	E.016	<.018	<.003	<.005	<.003	<.10
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	E.01	E.006	<.018	<.003	<.005	<.003	<.10
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	E.01	E.007	<.018	<.003	<.005	<.003	<.10
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	<.06	E.009	<.018	<.003	<.005	<.003	<.10
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	<.06	E.010	<.018	<.003	<.005	<.003	<.10
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	<.06	E.008	<.018	<.003	<.005	<.003	<.10
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	<.31	E.010	<.018	<.003	<.005	<.003	<.10

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER, FLTRD, REC (UG/L) (38548)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
EHR-LUS33	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
EHR-LUS27	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
EHR-LUS26	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
EHR-LUS21	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
EHR-LUS35	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
EHR-LUS19	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
EHR-LUS31	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
EHR-LUS13	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
EHR-LUS11	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	<.06	<.08	<.06	<.093	M	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	<.06	<.08	<.06	<.093	E.01	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.06	<.06	<.08	<.06	<.093	<.02	<.05
STATION NAME	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)
EHR-LUS33	E1.56	<.02	<.005	<.004	<.005	<.013	<.027	<.007
EHR-LUS27	E1.25	<.02	<.005	<.004	<.005	<.013	<.027	<.007
EHR-LUS26	.41	<.02	<.005	<.004	<.005	<.013	<.027	<.007
EHR-LUS21	E2.13	<.02	<.005	<.004	<.005	<.013	<.027	<.007
EHR-LUS35	E1.36	<.02	<.005	<.004	<.005	E.006	<.027	<.007
EHR-LUS19	.36	<.02	<.005	<.004	<.005	<.013	<.027	<.007
EHR-LUS31	E1.31	<.02	<.005	<.004	<.005	E.004	<.027	<.007
EHR-LUS13	.09	<.02	<.005	<.004	<.005	<.013	<.027	<.007
EHR-LUS11	E1.42	<.02	<.005	<.004	<.005	.359	<.027	<.007
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.42	<.02	<.005	<.004	<.005	<.013	<.027	<.007
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.50	<.02	<.005	<.004	.009	E.004	<.027	<.007
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.37	<.02	<.005	<.004	<.005	E.002	<.027	<.007
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.41	<.02	<.005	<.004	<.005	E.001	<.027	<.007
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.41	<.02	<.005	<.004	E.004	E.004	<.027	<.007
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.54	<.02	<.005	<.004	.007	E.005	<.027	<.007
MCGEEHREE SPRING NEAR NEW MARKET, AL	.74	<.02	<.005	<.004	<.005	<.013	<.027	<.007
MCGEEHREE SPRING NEAR NEW MARKET, AL	.73	<.02	<.005	<.004	<.005	E.003	<.027	<.007
MCGEEHREE SPRING NEAR NEW MARKET, AL	.48	<.02	<.005	<.004	<.005	M	<.027	<.007
MCGEEHREE SPRING NEAR NEW MARKET, AL	.41	<.02	<.005	<.004	<.005	<.013	<.027	<.007
MCGEEHREE SPRING NEAR NEW MARKET, AL	.21	<.02	<.005	<.004	<.005	<.013	<.027	<.007
MCGEEHREE SPRING NEAR NEW MARKET, AL	.20	<.02	<.005	<.004	<.005	E.002	<.027	<.007

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DIS- SOLVED (UG/L) (39732)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)
EHR-LUS33	<.005	.015	<.08	<.002	<.10	<.07	<.004	<.07
EHR-LUS27	<.005	E.007	<.08	<.002	<.10	<.07	<.004	<.07
EHR-LUS26	<.005	<.007	<.08	<.002	<.10	<.07	<.004	<.07
EHR-LUS21	<.005	<.007	<.08	<.002	<.10	<.07	<.004	<.07
EHR-LUS35	<.005	.013	<.08	<.002	<.10	<.07	<.004	<.07
EHR-LUS19	<.005	<.007	<.08	<.002	<.10	<.07	<.004	<.07
EHR-LUS31	<.005	.011	<.08	<.002	<.10	<.07	<.004	<.07
EHR-LUS13	<.005	.157	<.08	<.002	<.10	<.07	<.004	<.07
EHR-LUS11	<.005	.684	<.08	<.002	<.10	<.07	<.004	<.07
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	.010	<.08	<.002	<.10	<.07	<.004	<.07
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	.009	<.08	<.002	<.10	<.07	<.004	<.07
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	.020	E.02	<.002	<.10	<.07	<.004	<.07
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	.010	<.08	<.002	<.10	<.07	<.004	<.07
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	.008	<.08	<.002	<.10	<.07	<.004	<.07
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	.014	<.08	<.002	<.10	<.07	<.004	<.07
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.007	<.08	<.002	<.10	<.07	<.004	<.07
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	E.003	<.08	<.002	<.10	<.07	<.004	<.07
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	.016	<.08	<.002	<.10	<.07	<.004	<.07
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	E.002	<.08	<.002	<.10	<.07	<.004	<.07
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	E.004	<.08	<.002	<.10	<.07	<.004	<.07
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	E.005	<.08	<.002	<.10	<.07	<.004	<.07
STATION NAME	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)
EHR-LUS33	<.07	.13	<.07	<.08	<.07	<.08	<.04	<.05
EHR-LUS27	<.07	.71	<.07	<.08	<.07	<.08	<.04	<.05
EHR-LUS26	<.07	.11	<.07	<.08	<.07	E.02	<.04	<.05
EHR-LUS21	<.07	.67	<.07	M	<.07	E.01	<.04	<.05
EHR-LUS35	<.07	.76	<.07	<.08	<.07	<.08	<.04	<.05
EHR-LUS19	<.07	.19	<.07	<.08	<.07	<.08	<.04	<.05
EHR-LUS31	<.07	.67	<.07	<.08	<.07	<.08	<.04	<.05
EHR-LUS13	<.07	E.04	<.07	<.08	<.07	<.08	<.04	<.05
EHR-LUS11	<.07	E.07	<.07	<.08	<.07	<.08	<.04	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	E.03	<.07	<.08	<.07	<.08	M	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	E.02	<.07	<.08	<.07	E.02	<.04	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	E.02	<.07	<.08	<.07	E.01	<.04	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	E.03	<.07	<.08	<.07	E.01	M	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	E.03	<.07	<.08	<.07	<.08	<.04	<.05
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	E.03	<.07	<.08	<.07	E.01	M	<.05
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	E.04	<.07	<.08	<.07	<.08	<.04	<.05
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	E.03	<.07	<.08	<.07	<.08	<.04	<.05
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	E.03	<.07	<.08	<.07	M	<.04	<.05
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	E.03	<.07	<.08	<.07	E.01	<.04	<.05
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	E.01	<.07	<.08	<.07	<.08	<.04	<.05
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.07	E.01	<.07	<.08	<.07	<.08	<.04	<.05

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	3HYDRXY CARBO- FURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
EHR-LUS33	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
EHR-LUS27	<.07	<.04	<.05	<.06	E.01	<.06	<.06	<.08
EHR-LUS26	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
EHR-LUS21	<.07	<.04	<.05	<.06	<.06	<.06	<.06	M
EHR-LUS35	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
EHR-LUS19	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
EHR-LUS31	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
EHR-LUS13	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
EHR-LUS11	<.07	<.04	<.05	<.06	E.01	<.06	<.06	<.08
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
MCGEEHREE SPRING NEAR NEW MARKET, AL	<.07	<.04	<.05	<.06	<.06	<.06	<.06	<.08
STATION NAME	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	3-KETO CARBO- FURAN, WATER FLTRD REC (UG/L) (50295)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)
EHR-LUS33	E.05	E.01	<.06	<.072	<.061	<.022	<.081	<.037
EHR-LUS27	E.04	E.01	<.06	<.072	<.061	<.022	<.081	<.037
EHR-LUS26	E.01	<.03	<.06	<.072	<.061	<.022	<.081	<.037
EHR-LUS21	E.14	.09	<.06	<.072	<.061	<.022	<.081	<.037
EHR-LUS35	E.12	E.01	<.06	<.072	<.061	<.022	<.081	<.037
EHR-LUS19	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037
EHR-LUS31	E.11	E.01	<.06	<.072	<.061	<.022	<.081	<.037
EHR-LUS13	<.16	<.03	<.06	<.072	<.061	<.022	<.081	<.037
EHR-LUS11	E.04	.04	<.06	<.072	<.061	<.022	<.081	<.037
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.02	E.01	<.06	<.072	<.061	<.022	<.081	<.037
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.03	<.03	<.06	<.072	<.061	<.022	<.081	<.037
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.03	E.01	<.06	<.072	<.061	<.022	<.081	<.037
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.02	M	<.06	<.072	<.061	<.022	<.081	<.037
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.03	E.01	<.06	<.072	<.061	<.022	<.081	<.037
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.03	E.01	<.06	<.072	<.061	<.022	<.081	<.037
MCGEEHREE SPRING NEAR NEW MARKET, AL	E.05	E.01	<.06	<.072	<.061	<.022	<.081	<.037
MCGEEHREE SPRING NEAR NEW MARKET, AL	E.04	<.03	<.06	<.072	<.061	<.022	<.081	<.037
MCGEEHREE SPRING NEAR NEW MARKET, AL	E.04	E.01	<.06	<.072	<.061	<.022	<.081	<.037
MCGEEHREE SPRING NEAR NEW MARKET, AL	E.02	M	<.06	<.072	<.061	<.022	<.081	<.037
MCGEEHREE SPRING NEAR NEW MARKET, AL	E.01	E.01	<.06	<.072	<.061	<.022	<.081	<.037
MCGEEHREE SPRING NEAR NEW MARKET, AL	E.01	E.01	<.06	<.072	<.061	<.022	<.081	<.037

LOWER TENNESSEE RIVER STUDY UNIT

STATION NAME	SULFO-MET- RURON METHYL WTR FLT REC (UG/L) (50337)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	METAL- AXYL WATER FLTRD REC (UG/L) (50359)	NICOSUL- FURON WATER FLTRD REC (UG/L) (50364)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)	OXAMYL OXIME WATER FLTRD REC (UG/L) (50410)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	
	EHR-LUS33	<.039	E.013	<.103	E.006	<.065	<.088	<.064	<.086
	EHR-LUS27	<.039	E.005	<.103	E.022	<.065	<.088	<.064	<.086
	EHR-LUS26	<.039	E.004	<.103	<.057	<.065	<.088	<.064	<.086
	EHR-LUS21	<.039	<.193	<.103	E.007	<.065	<.088	<.064	<.086
	EHR-LUS35	<.039	E.005	<.103	<.057	<.065	<.088	<.064	<.086
	EHR-LUS19	<.039	<.193	<.103	<.057	<.065	<.088	<.064	<.086
	EHR-LUS31	<.039	<.193	<.103	E.004	<.065	<.088	<.064	<.086
	EHR-LUS13	<.039	E.036	<.103	<.057	<.065	<.088	<.064	<.086
	EHR-LUS11	<.039	E.109	<.103	E.028	<.065	<.088	<.064	<.086
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.039	<.193	<.103	E.005	<.065	<.088	<.064	<.086	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.039	<.193	<.103	E.006	<.065	<.088	<.064	<.086	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.039	<.193	<.103	E.006	<.065	<.088	<.064	<.086	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.039	E.003	<.103	E.005	<.065	<.088	<.064	<.086	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.039	<.193	<.103	E.004	<.065	<.088	<.064	<.086	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.039	<.193	<.103	E.005	<.065	<.088	<.064	<.086	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.039	<.193	<.103	E.005	<.065	<.088	<.064	<.086	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.039	<.193	<.103	E.005	<.065	<.088	<.064	<.086	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.039	E.004	<.103	E.004	<.065	<.088	<.064	<.086	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.039	E.007	<.103	E.003	<.065	<.088	<.064	<.086	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.039	E.018	<.103	<.057	<.065	<.088	<.064	<.086	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.039	<.193	<.103	<.057	<.065	<.088	<.064	<.086	
STATION NAME	PROP- ICONA- ZOLE , WATER FLTRD REC (UG/L) (50471)	TRI- BENURON METHYL WATER FLTRD REC (UG/L) (61159)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD REC (UG/L) (61188)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	IMID- ACLOP- RID WATER FLTRD REC (UG/L) (61695)	METH- OMYL OXIME WATER FLTRD REC (UG/L) (61696)	
	EHR-LUS33	<.064	<.07	<.11	<.0915	<.0482	<.0866	E.0395	<.0102
	EHR-LUS27	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102
	EHR-LUS26	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102
	EHR-LUS21	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102
	EHR-LUS35	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102
	EHR-LUS19	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102
	EHR-LUS31	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102
	EHR-LUS13	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102
	EHR-LUS11	<.064	<.07	<.11	<.0915	<.0482	<.0866	E.0082	<.0102
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.0102	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.064	<.07	<.11	<.0915	<.0482	<.0866	<.1060	<.01	

STATION NAME	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	
	EHR-LUS33	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	
	EHR-LUS27	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	
	EHR-LUS26	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	
EHR-LUS21	<.1138	<.016	<.003	<.041	<.006	<.002	E.003	<.009	
EHR-LUS35	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
EHR-LUS19	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
EHR-LUS31	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
EHR-LUS13	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
EHR-LUS11	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.1138	<.016	<.003	<.041	<.006	<.002	<.009	<.009	
STATION NAME	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL-PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB-ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	
	EHR-LUS33	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005
	EHR-LUS27	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005
	EHR-LUS26	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005
EHR-LUS21	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
EHR-LUS35	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
EHR-LUS19	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
EHR-LUS31	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
EHR-LUS13	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
EHR-LUS11	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.011	<.034	<.035	<.006	<.002	<.002	<.002	<.005	

STATION NAME		BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)
	EHR-LUS33	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	EHR-LUS27	<.010	E.028	<.017	<.004	<.021	<.002	<.011	<.005
	EHR-LUS26	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	EHR-LUS21	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	EHR-LUS35	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	EHR-LUS19	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	EHR-LUS31	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	EHR-LUS13	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	EHR-LUS11	<.010	E.036	<.017	<.004	<.021	<.002	<.011	<.005
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	E.017	<.017	<.004	<.021	<.002	<.011	<.005
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
	MCGEEHEE SPRING NEAR NEW MARKET, AL	<.010	<.020	<.017	<.004	<.021	<.002	<.011	<.005
			PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)		
	EHR-LUS33		<.010	<.007	<.023	<.050	<.006		
	EHR-LUS27		<.010	<.007	<.023	<.050	<.006		
	EHR-LUS26		<.010	<.007	<.023	<.050	<.006		
	EHR-LUS21		.059	<.007	<.023	<.050	<.006		
	EHR-LUS35		<.010	<.007	<.023	<.050	<.006		
	EHR-LUS19		<.010	<.007	<.023	<.050	<.006		
	EHR-LUS31		<.010	<.020	<.023	<.050	<.006		
	EHR-LUS13		<.010	<.007	<.023	<.050	<.006		
	EHR-LUS11		E.014	<.007	<.023	<.050	<.006		
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL		<.010	<.007	<.023	<.050	<.006		
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL		<.010	<.007	<.023	<.050	<.006		
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL		<.010	<.007	<.023	<.050	<.006		
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL		<.010	<.007	<.023	<.050	<.006		
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL		<.010	<.007	<.023	<.050	<.006		
	MERIDIANVILLE SPRING AT MERIDIANVILLE, AL		<.010	<.007	<.023	<.050	<.006		
	MCGEEHEE SPRING NEAR NEW MARKET, AL		<.010	<.007	<.023	<.050	<.006		
	MCGEEHEE SPRING NEAR NEW MARKET, AL		<.010	<.007	<.023	<.050	<.006		
	MCGEEHEE SPRING NEAR NEW MARKET, AL		<.010	<.007	<.023	<.050	<.006		
	MCGEEHEE SPRING NEAR NEW MARKET, AL		<.010	<.007	<.023	<.050	<.006		
	MCGEEHEE SPRING NEAR NEW MARKET, AL		<.010	<.007	<.023	<.050	<.006		
	MCGEEHEE SPRING NEAR NEW MARKET, AL		<.010	<.007	<.023	<.050	<.006		

PRECIPITATION-QUALITY DATA

322710087140401 PRECIPITATION STATION NEAR MARION JUNCTION, AL

LOCATION.--Lat 32°27'10", long 87°14'04", Hydrologic Unit 03150203, NE¹/₄SE¹/₄SW¹/₄ sec. 11, T. 17 N., R. 8 E., in Dallas County.

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

INSTRUMENTATION.--An automatic wet-dry precipitation collector is used to collect 7-day accumulations. The collector is equipped with a precipitation sensor which activates a motor to operate the sample bucket cover. The sample bucket remains uncovered for the duration of each precipitation event and covered during dry periods. Dryfall samples are not collected. A standard 8.0-inch recording rain gage is used to obtain on-site precipitation records.

REMARKS.--Weekly samples are collected on Tuesday at 0700 a.m. These data are part of the data for this site verified by the National Atmospheric Deposition Program/National Trends Network (NADP/NTN) Coordinator. Additional data are available from the NADP/NTN Coordinator, Natural Resource Ecology Laboratory, Fort Collins, CO 80523. Finalized quality assured data from all 200 NADP/NTN sites are available on-line via the internet at <http://btdqs.usgs.gov/acldrain>.

PRECIPITATION-QUALITY DATA

304143088042200 PRECIPITATION STATION AT MOBILE, AL

LOCATION.--Lat 30°41'43", long 88°04'22", Hydrologic Unit 03160204, 207 North Catherine Street at Mobile, in Mobile County.

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

INSTRUMENTATION.--An automatic wet-dry precipitation collector is used to collect 7-day accumulations. The collector is equipped with a precipitation sensor which activates a motor to operate the sample bucket cover. The sample bucket remains uncovered for the duration of each precipitation event and covered during dry periods. Dryfall samples are not collected. A standard 8.0-inch recording rain gage is used to obtain on-site precipitation records.

REMARKS.--Weekly samples are collected on Tuesday at 8:00am in cooperation with the Mobile Area Water and Sewer System.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	PRECIPITATION TOTAL INCHES/ WEEK (00046)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	ACIDITY (MG/L AS CACO3) (00435)	ACIDITY (MG/L AS H) (71825)	NITROGEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITROGEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)
OCT										
10...	0735	.42	18	4.2	4.4	7.9	.2	.099	.189	.13
NOV										
07...	0730	2.86	25	4.2	4.6	7.9	.2	.140	.180	.18
DEC										
19...	0730	1.58	16	3.9	4.8	--	<.1	.070	.160	.09
JAN										
16...	0900	1.12	22	3.6	4.3	--	<.1	.180	.230	.23
MAR										
14...	0900	4.62	12	4.5	5.0	--	<.1	.180	.140	.23
21...	0900	2.36	15	4.0	4.6	--	<.1	.180	.150	.23
28...	0900	.27	32	4.3	4.4	--	<.1	.290	.400	.37
APR										
04...	1300	.45	27	4.4	4.4	--	<.1	.260	.390	.33
18...	0900	.54	34	4.2	4.3	5.0	.1	.480	.490	.62
25...	0900	.82	20	4.5	4.6	--	<.1	.150	.260	.19
MAY										
09...	0930	.11	35	4.0	4.4	--	--	.430	.790	.55
15...	1100	.47	53	4.1	4.0	5.0	.1	.340	.690	.44
30...	1030	.05	26	4.6	4.7	--	--	Ec.300	Ec.470	--
JUN										
06...	0830	3.27	13	4.3	4.8	--	<.1	Ec.110	Ec.220	--
13...	0915	5.15	8	4.9	5.2	--	<.1	Ec.070	Ec.076	--
20...	0915	.03	80	5.9	7.3	--	--	--	--	--
27...	0915	.65	35	4.3	4.2	--	<.1	Ec.200	Ec.530	--
JUL										
03...	1100	.48	47	4.0	4.0	5.0	.1	Ec.050	Ec.440	--
11...	0900	.78	17	4.6	4.5	--	<.1	Ec.085	Ec.309	--
18...	0745	2.30	22	5.1	4.3	--	<.1	Ec.205	Ec.378	--
25...	0930	3.02	10	5.0	4.7	--	<.1	Ec.085	Ec.106	--
AUG										
01...	1015	4.18	9	5.2	5.3	--	<.1	Ec.040	Ec.052	--
08...	0820	.77	13	5.4	4.9	--	<.1	Ec.082	Ec.188	--
15...	1100	6.12	11	5.0	4.8	--	<.1	Ec.078	Ec.172	--
23...	0845	2.32	19	4.5	4.6	--	<.1	.173	.247	.22
29...	1045	.68	29	5.2	4.3	--	<.1	.088	.556	.11
SEP										
05...	0945	1.59	18	4.8	4.7	--	<.1	Ec.159	Ec.245	--
12...	1000	.23	31	5.7	4.4	--	<.1	Ec.186	Ec.431	--
26...	1030	.98	29	5.5	4.3	--	<.1	Ec.272	Ec.391	--

PRECIPITATION-QUALITY DATA

304143088042200 PRECIPITATION STATION AT MOBILE, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
OCT								
10...	<.002	--	.10	<.030	.1	.02	.4	2.8
NOV								
07...	.002	1	.10	.200	1.4	.10	3.0	2.3
DEC								
19...	.002	0	.08	.060	.5	.10	1.0	1.4
JAN								
16...	.004	0	.15	.050	.3	.000	.6	2.4
MAR								
14...	.002	0	.15	.060	.4	.000	.7	1.1
21...	<.002	0	.12	.050	<.01	.000	.5	1.6
28...	.010	0	.22	.040	<.01	.000	.2	3.0
APR								
04...	.004	0	.24	.070	.3	.000	.9	2.3
18...	.008	1	.34	.090	.6	.000	1.0	3.2
25...	.004	0	.25	.090	.6	.000	1.1	1.5
MAY								
09...	.010	3	.85	.200	1.2	.10	2.4	3.0
15...	.002	2	.53	.100	.7	.000	1.0	5.4
30...	.009	3	.73	.200	.9	.000	2.2	2.1
JUN								
06...	<.002	--	.10	<.030	.1	.000	.3	1.1
13...	<.002	0	.09	.060	.3	.000	.8	.5
20...	Ec.003	10	2.20	1.10	--	--	5.3	6.4
27...	<.002	0	.26	.040	.1	.000	.4	3.1
JUL								
03...	<.002	--	.18	<.030	M	.000	.6	3.8
11...	<.002	--	.10	<.030	.1	<.01	.3	1.0
18...	.005	--	.14	<.030	.1	.02	.2	1.8
25...	<.002	--	.06	<.030	.1	<.01	.3	.9
AUG								
01...	.006	0	.07	.070	.3	.01	.6	.3
08...	.003	0	.18	.050	.3	.01	.6	1.0
15...	<.002	--	.07	<.030	.1	.02	.2	.8
23...	.009	--	.08	<.030	M	.01	.1	1.5
29...	.010	0	.17	.030	.2	<.01	.4	1.6
SEP								
05...	.002	0	.11	.030	.3	<.01	.5	1.5
12...	.013	0	.32	.030	.1	<.01	.6	2.4
26...	.003	--	.14	<.030	M	<.01	.2	2.5

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2001

The following list contains the annual peak gage heights and discharges along with peaks above base for gaging stations and flood hydrograph sites. This list is supplemental to data published within the manuscript page earlier in this report. Data such as annual peak gage height and discharge may already appear in this report but is retained in this table to simplify usage. Peak stages for stage-only stations and information for other miscellaneous stations are also included. The table gives station number, station name, peak gage height and discharge (if applicable), peaks above base gage heights and discharge, and other pertinent remarks. Annual peak gage heights and discharges are noted with the symbol (*). Discharges noted with the symbol (1) are mean daily values and not instantaneous peaks, those noted with the symbol (e) are estimated, and those noted with the < indicate the peak discharge is less than the value listed.

APALACHICOLA RIVER BASIN

02342500 Uchee Creek near Fort Mitchell (base discharge, 4,500 ft³/s)

03-04-01	*17.65 ft	*15,200 ft ³ /s	03-21-01	12.48 ft	9,370 ft ³ /s
03-16-01	9.75 ft	6,580 ft ³ /s	04-04-01	10.47 ft	7,370 ft ³ /s

02342933 South Fork Cowikee Creek near Batesville (base discharge, 3,500 ft³/s)

03-04-01	*26.05 ft	*9,740 ft ³ /s	04-04-01	15.18 ft	3,870 ft ³ /s
03-20-01	19.02 ft	5,710 ft ³ /s	05-20-01	22.89 ft	7,830 ft ³ /s

0234296910 Chattahoochee River at Coast Guard Dock at Eufaula

03-05-01	*191.38 ft				
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CHOCTAWHATCHEE RIVER BASIN

02361000 Choctawhatchee River near Newton (base discharge, 5,000 ft³/s)

03-05-01	*24.02 ft	*11,800 ft ³ /s	04-05-01	17.32 ft	6,800 ft ³ /s
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02361500 Choctawhatchee River near Bellwood (base discharge, 10,000 ft³/s)

03-05-01	*15.70 ft	*16,900 ft ³ /s	04-05-01	13.48 ft	10,500 ft ³ /s
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02362240 Little Double Bridges Creek near Enterprise (base discharge 400 ft³/s)

03-03-01	*9.24 ft	*1,280 ft ³ /s	03-20-01	7.70 ft	554 ft ³ /s
03-12-01	7.38 ft	458 ft ³ /s	06-12-01	7.48 ft	485 ft ³ /s

02363000 Pea River near Arifton (base discharge, 4,000 ft³/s)

03-05-01	*19.70 ft	*17,800 ft ³ /s	03-22-01	13.65 ft	5,240 ft ³ /s
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02363005 Pea River tributary near Roeton

2001	water year	< 105 ft ³ /s			
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02364000 Pea River at Elba

03-04-01	*22.70 ft	*15,100 ft ³ /s			
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BLACKWATER RIVER BASIN

02369800 Blackwater River near Bradley (base discharge, 1,000 ft³/s)

03-04-01	*11.27 ft	*1,530 ft ³ /s	06-12-01	9.46 ft	1,140 ft ³ /s
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ESCAMBIA RIVER BASIN

02371500 Conecuh River at Brantley (base discharge, 4,000 ft³/s)

03-06-01	*22.59 ft	*16,900 ft ³ /s	04-07-01	15.99 ft	4,730 ft ³ /s
03-23-01	17.90 ft	6,430 ft ³ /s			

02372250 Patsaliga Creek near Brantley (base discharge, 4,000 ft³/s)

03-05-01	*22.94 ft	*20,600 ft ³ /s	04-07-01	19.58 ft	5,590 ft ³ /s
03-22-01	20.63 ft	8,480 ft ³ /s			

02372422 Conecuh River below Point A Dam at River Falls (base discharge, 6,000 ft³/s)

03-07-01	*42.58 ft	*32,100 ft ³ /s	04-08-01	22.97 ft	10,900 ft ³ /s
03-24-01	28.13 ft	14,000 ft ³ /s	06-14-01	15.26 ft	6,190 ft ³ /s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

02373000 Sepulga River near McKenzie (base discharge, 3,500 ft ³ /s)					
03-05-01	*25.73 ft	*27,000 ft ³ /s	04-07-01	10.16 ft	5,030 ft ³ /s
03-15-01	14.00 ft	8,100 ft ³ /s	06-14-01	16.32 ft	9,950 ft ³ /s
02374250 Conecuh River at State Highway 41 near Brewton (base discharge, 8,000 ft ³ /s)					
03-09-01	*30.24 ft	*58,100 ft ³ /s	06-16-01	23.82 ft	15,900 ft ³ /s
02374500 Murder Creek near Evergreen (base discharge, 2,000 ft ³ /s)					
03-04-01	*14.83 ft	*12,400 ft ³ /s	06-13-01	10.55 ft	2,460 ft ³ /s
03-13-01	10.36 ft	2,260 ft ³ /s			
02374700 Murder Creek at State Highway 41 at Brewton (base discharge, 3,000 ft ³ /s)					
03-04-01	*24.44 ft	*13,400 ft ³ /s			
02374745 Burnt Corn Creek at State Highway 41 near Brewton (base discharge, 2,000 ft ³ /s)					
03-04-01	*17.56 ft	*8,300 ft ³ /s	03-14-01	10.07 ft	2,010 ft ³ /s
02374950 Big Escambia Creek at Sardine Bridge near Stanley Crossroads (base discharge, 2,000 ft ³ /s)					
03-05-01	*16.63 ft	*11,400 ft ³ /s	06-13-01	7.66 ft	2,180 ft ³ /s
PERDIDO RIVER BASIN					
02376115 Elevenmile Creek near Pensacola, FL (base discharge, 1,000 ft ³ /s)					
03-15-01	*9.71 ft	*1,510 ft ³ /s	06-13-01	9.68 ft	1,500 ft ³ /s
06-11-01	9.05 ft	1,220 ft ³ /s	07-31-01	8.56 ft	1,020 ft ³ /s
02376500 Perdido River at Barrineau Park, FL (base discharge, 4,000 ft ³ /s)					
03-06-01	*12.89 ft	*5,300 ft ³ /s			
02377570 Styx River near Elsanor (base discharge, 3,000 ft ³ /s)					
03-15-01	*12.01 ft	*3,610 ft ³ /s			
FISH RIVER BASIN					
02378300 Magnolia River at U.S. Highway 98 near Foley (base discharge, 400 ft ³ /s)					
03-15-01	8.10 ft	523 ft ³ /s	07-31-01	*8.42 ft	*600 ft ³ /s
06-11-01	7.80 ft	457 ft ³ /s			
02378500 Fish River near Silver Hill (base discharge, 750 ft ³ /s)					
03-15-01	10.88 ft	1,190 ft ³ /s	07-26-01	10.64 ft	1,100 ft ³ /s
06-11-01	*12.39 ft	*1,930 ft ³ /s	08-12-01	9.63 ft	795 ft ³ /s
MOBILE RIVER BASIN					
02398037 Chattooga River at Chattogaville, GA (base discharge, 4,000 ft ³ /s)					
03-21-01	*16.33 ft	*6,100 ft ³ /s			
02398250 Mills Creek at Dewey (base discharge, 1,000 ft ³ /s)					
03-12-01	5.64 ft	1,670 ft ³ /s	03-20-01	*6.82 ft	*2,380 ft ³ /s
02398300 Chattooga River above Gaylesville (base discharge, 5,000 ft ³ /s)					
03-21-01	*16.84 ft	*6,630 ft ³ /s			
02398950 West Fork Little River at DeSoto State Park near Fort Payne (base discharge, 1,000 ft ³ /s)					
01-19-01	*8.91 ft	*1,570 ft ³ /s	03-20-01	7.92 ft	1,080 ft ³ /s

TABLE 3.—PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

02399200 Little River near Blue Pond (base discharge, 6,000 ft ³ /s)					
03-20-01	*8.39 ft	*8,020 ft ³ /s			
02399500 Coosa River at Leesburg					
06-26-01	*564.72 ft				
02400100 Terrapin Creek at Ellisville (base discharge, 4,000 ft ³ /s)					
03-20-01	*15.42 ft	*6,620 ft ³ /s			
02400496 Coosa River at Gadsden Steamplant near Gadsden					
03-22-01	*24.35 ft				
02400500 Coosa River at Gadsden					
03-22-01	*23.40 ft				
02400700 Coosa River at Childersburg					
04-04-01	*19.46 ft				
02401000 Big Wills Creek near Reece City (base discharge, 3,600 ft ³ /s)					
03-21-01	*9.91 ft	*3,480 ft ³ /s			
02401390 Big Canoe Creek at Ashville (base discharge, 3,500 ft ³ /s)					
03-21-01	14.71 ft	4,080 ft ³ /s	09-04-01	*16.96 ft	*8,110 ft ³ /s
04-04-01	16.95 ft	8,080 ft ³ /s			
02404400 Choccolocco Creek at Oxford (base discharge, 2,500 ft ³ /s)					
03-20-01	*12.27 ft	*3,910 ft ³ /s	04-03-01	10.55 ft	3,070 ft ³ /s
02404400 Choccolocco Creek at Jackson Shoals near Lincoln (base discharge, 5,000 ft ³ /s)					
03-20-01	27.57 ft	9,360 ft ³ /s	04-04-01	*31.38 ft	*16,000 ft ³ /s
02405500 Kelly Creek near Vincent (base discharge, 5,000 ft ³ /s)					
03-21-01	15.69 ft	5,500 ft ³ /s	09-04-01	16.45 ft	5,980 ft ³ /s
04-04-01	*19.75 ft	*8,540 ft ³ /s			
02406500 Talladega Creek at Alpine (base discharge, 2,500 ft ³ /s)					
03-20-01	12.52 ft	4,060 ft ³ /s	04-04-01	*14.19 ft	*9,950 ft ³ /s
02407000 Coosa River at Childersburg					
04-04-01	*19.46 ft				
02407526 Coosa River at Gaston Steamplant near Wilsonville					
04-04-01	*15.82 ft				
02408540 Hatchet Creek below Rockford (base discharge, 3,800 ft ³ /s)					
02-25-01	10.12 ft	4,400 ft ³ /s	03-20-01	*15.55 ft	*9,160 ft ³ /s
03-04-01	12.54 ft	6,290 ft ³ /s	04-04-01	12.23 ft	6,040 ft ³ /s
03-15-01	11.68 ft	5,610 ft ³ /s	06-01-01	9.68 ft	4,050 ft ³ /s
02411000 Coosa River at Jordan Dam near Wetumpka					
04-04-01	(1) *106,000 ft ³ /s				
02411600 Coosa River at Wetumpka					
03-22-01	*36.78 ft				
024119300 Tallapoosa River below Tallapoosa, Ga. (base discharge, 3,000 ft ³ /s)					
11-09-00	10.90 ft	3,050 ft ³ /s	03-20-01	*16.72 ft	*4,870 ft ³ /s
03-15-01	11.34 ft	3,100 ft ³ /s			

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

02412000 Tallapoosa River near Heflin (base discharge, 4,000 ft³/s)					
11-10-00	11.76 ft	4,040 ft³/s	03-16-01	13.40 ft	4,800 ft³/s
01-20-01	12.68 ft	4,460 ft³/s	03-21-01	*18.03 ft	*7,220 ft³/s
02413210 Little Tallapoosa River below Bowdon, GA (base discharge, 3,000 ft³/s)					
03-15-01	13.10 ft	3,110 ft³/s	03-20-01	*14.19 ft	*3,660 ft³/s
02413300 Little Tallapoosa River near Newell (base discharge, 4,000 ft³/s)					
03-15-01	11.06 ft	5,190 ft³/s	03-20-01	*12.86 ft	*6,570 ft³/s
02414500 Tallapoosa River at Wadley (base discharge, 20,000 ft³/s)					
03-20-01	14.56 ft	23,000 ft³/s	04-03-01	*15.42 ft	*25,000 ft³/s
02414525 High Pine Creek near Roanoke (base discharge, 500 ft³/s)					
02-16-01	7.75 ft	668 ft³/s	04-03-01	10.46 ft	1,200 ft³/s
03-13-01	7.78 ft	673 ft³/s	05-29-01	6.88 ft	520 ft³/s
03-12-01	7.09 ft	555 ft³/s	06-03-01	*10.77 ft	*1,270 ft³/s
03-15-01	9.73 ft	1,050 ft³/s	06-30-01	7.42 ft	610 ft³/s
03-20-01	9.16 ft	932 ft³/s	07-05-01	7.76 ft	670 ft³/s
02414715 Tallapoosa River near New Site (base discharge, 24,000 ft³/s)					
03-20-01	11.85 ft	34,000 ft³/s	04-04-01	*12.50 ft	*38,200 ft³/s
02415000 Hillabee Creek near Hackneyville (base discharge, 4,500 ft³/s)					
03-15-01	14.80 ft	5,060 ft³/s	04-04-01	*20.66 ft	*10,200 ft³/s
03-20-01	17.01 ft	6,900 ft³/s			
02416481 Norrell Branch near Dadeville					
04-04-01	*5.32 ft	*86 ft³/s			
02418230 Sougahatchee Creek near Loachapoka (base discharge, 1,400 ft³/s)					
03-04-01	*7.88 ft	*6,000 ft³/s	03-20-01	6.14 ft	3,270 ft³/s
03-15-01	5.51 ft	2,510 ft³/s	04-04-01	6.79 ft	4,170 ft³/s
02418500 Tallapoosa River below Tallassee					
04-05-01	(1) *36,100 ft³/s				
02419000 Uphabee Creek near Tuskegee (base discharge, 5,000 ft³/s)					
03-05-01	*21.21 ft	*15,600 ft³/s	03-21-01	17.12 ft	10,100 ft³/s
03-16-01	13.55 ft	6,740 ft³/s	04-05-01	14.63 ft	7,670 ft³/s
02419500 Tallapoosa River at Milstead					
04-05-01	*36.84 ft				
02419890 Tallapoosa River near Montgomery					
03-22-01	*29.10 ft	*54,600 ft³/s			
02419977 Three Mile Creek at North Boulevard at Montgomery (base discharge, 750 ft³/s)					
03-02-01	12.37 ft	756 ft³/s	08-14-01	*12.81 ft	*787 ft³/s
02419988 Alabama River at Montgomery					
03-22-01	*38.00 ft				
02420000 Alabama River near Montgomery					
03-22-01	*40.09 ft	*128,000 ft³/s			
02421000 Catoma Creek near Montgomery (base discharge, 5,000 ft³/s)					
03-04-01	*27.20 ft	*28,600 ft³/s	03-21-01	22.83 ft	10,600 ft³/s
03-17-01	18.15 ft	5,000 ft³/s			

TABLE 3.—PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

02421105 Pintlalla Creek tributary near Sellers					
03-03-01	*9.26 ft	*148 ft ³ /s			
02421115 Pintlalla Creek at Liberty Church Road near Pintlalla (base discharge, 2,000 ft ³ /s)					
03-04-01	*17.80 ft	*12,900 ft ³ /s	04-04-01	14.73 ft	2,250 ft ³ /s
03-20-01	15.44 ft	3,400 ft ³ /s			
02422500 Mulberry Creek at Jones (base discharge, 4,000 ft ³ /s)					
03-04-01	9.73 ft	4,880 ft ³ /s	03-15-01	8.65 ft	4,110 ft ³ /s
03-12-01	*10.09 ft	*5,150 ft ³ /s			
02423000 Alabama River at Selma					
03-23-01	*43.46 ft				
02423130 Cahaba River at Trussville (base discharge, 1,000 ft ³ /s)					
02-16-90	*6.19 ft	*1,790 ft ³ /s	03-11-00	*10.37 ft	*3,360 ft ³ /s
01-12-93	*6.70 ft	*2,030 ft ³ /s	03-19-00	5.85 ft	1,630 ft ³ /s
07-27-94	*6.66 ft	*2,010 ft ³ /s	04-03-00	9.35 ft	3,040 ft ³ /s
10-03-95	7.99 ft	2,560 ft ³ /s	11-09-00	5.31 ft	1,360 ft ³ /s
10-05-95	8.52 ft	2,750 ft ³ /s	03-20-01	5.21 ft	1,310 ft ³ /s
01-26-96	8.56 ft	2,760 ft ³ /s	04-03-01	*10.46 ft	*3,390 ft ³ /s
03-06-96	*9.13 ft	*2,960 ft ³ /s	08-13-01	5.58 ft	1,490 ft ³ /s
06-22-97	*6.29 ft	*1,840 ft ³ /s	09-03-01	8.98 ft	2,910 ft ³ /s
01-07-98	*10.45 ft	*3,380 ft ³ /s	09-04-01	7.52 ft	2,370 ft ³ /s
06-28-99	*7.24 ft	*2,260 ft ³ /s			
02423380 Cahaba River near Mountain Brook (base discharge, 3,500 ft ³ /s)					
03-20-01	10.01 ft	5,310 ft ³ /s	09-03-01	12.81 ft	8,080 ft ³ /s
04-04-01	*16.70 ft	*13,200 ft ³ /s			
02423397 Little Cahaba River below Leeds (base discharge, 700 ft ³ /s)					
03-20-01	7.64 ft	746 ft ³ /s	09-03-01	8.12 ft	856 ft ³ /s
04-03-01	*11.35 ft	*2,190 ft ³ /s			
02423398 Little Cahaba River near Leeds (base discharge, 850 ft ³ /s)					
03-19-01	7.89 ft	877 ft ³ /s	09-03-01	9.28 ft	1,470 ft ³ /s
04-03-01	*11.08 ft	*2,590 ft ³ /s			
02423425 Cahaba River near Cahaba Heights (base discharge, 4,000 ft ³ /s)					
03-20-01	13.25 ft	4,900 ft ³ /s	09-04-01	18.30 ft	8,960 ft ³ /s
04-04-01	*21.88 ft	*13,000 ft ³ /s			
02423496 Cahaba River near Hoover (base discharge, 4,500 ft ³ /s)					
03-20-01	22.03 ft	6,510 ft ³ /s	09-04-01	28.24 ft	9,250 ft ³ /s
04-04-01	*31.81 ft	*11,600 ft ³ /s			
02423500 Cahaba River near Acton (base discharge, 4,500 ft ³ /s)					
03-21-01	21.01 ft	6,700 ft ³ /s	09-04-01	27.50 ft	9,930 ft ³ /s
04-04-01	*30.85 ft	*12,100 ft ³ /s			
0242354750 Cahaba Valley Creek at Cross Creek Road at Pelham (base discharge, 500 ft ³ /s)					
03-20-01	6.44 ft	620 ft ³ /s	08-13-01	6.99 ft	732 ft ³ /s
04-02-01	6.08 ft	550 ft ³ /s	09-03-01	*9.42 ft	*1,290 ft ³ /s
06-09-01	7.95 ft	917 ft ³ /s			
02423555 Cahaba River near Helena (base discharge, 6,500 ft ³ /s)					
03-21-01	17.15 ft	7,290 ft ³ /s	09-04-01	22.93 ft	10,800 ft ³ /s
04-05-01	*25.14 ft	*12,400 ft ³ /s			

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

02423586 Shades Creek near Homewood (base discharge, 1,500 ft ³ /s)					
03-20-01	10.27 ft	1,770 ft ³ /s	08-31-01	10.64 ft	1,900 ft ³ /s
04-03-01	*15.35 ft	*3,720 ft ³ /s	09-03-01	12.45 ft	2,560 ft ³ /s
07-20-01	10.58 ft	1,880 ft ³ /s			
02423630 Shades Creek near Greenwood (base discharge, 2,000 ft ³ /s)					
03-20-01	13.48 ft	2,800 ft ³ /s	09-03-01	*14.24 ft	*4,160 ft ³ /s
04-04-01	14.09 ft	3,850 ft ³ /s			
02424000 Cahaba River at Centreville (base discharge, 20,000 ft ³ /s)					
04-05-01	*23.22 ft	*18,900 ft ³ /s			
02424590 Cahaba River near Suttle (base discharge, 16,000 ft ³ /s)					
03-23-01	25.95 ft	16,100 ft ³ /s	04-07-01	*28.34 ft	*18,400 ft ³ /s
0242500 Cahaba River near Marion Junction (base discharge, 14,000 ft ³ /s)					
03-06-01	25.68 ft	17,900 ft ³ /s	04-07-01	*28.69 ft	*21,100 ft ³ /s
03-23-01	26.88 ft	19,100 ft ³ /s	09-07-01	24.28 ft	16,500 ft ³ /s
02427250 Pine Barren Creek near Snow Hill (base discharge, 5,000 ft ³ /s)					
03-04-01	*25.70 ft	*30,400 ft ³ /s	04-04-01	19.48 ft	6,650 ft ³ /s
02428400 Alabama River at Claiborne Lock and Dam near Monroeville					
03-08-01	*49.39 ft	*177,000 ft ³ /s			
02428401 Alabama River below Claiborne Lock and Dam near Monroeville					
03-08-01	*48.69 ft				
02438000 Buttahatchee River below Hamilton (base discharge, 7,000 ft ³ /s)					
01-19-01	19.38 ft	12,400 ft ³ /s	06-07-01	17.92 ft	11,000 ft ³ /s
04-04-01	*23.40 ft	*17,200 ft ³ /s			
02442500 Luxapallila Creek at Millport (base discharge, 4,000 ft ³ /s)					
01-19-01	12.06 ft	5,180 ft ³ /s	03-15-01	12.17 ft	5,340 ft ³ /s
02-13-01	11.88 ft	4,930 ft ³ /s	04-05-01	11.18 ft	4,230 ft ³ /s
02-17-01	11.77 ft	4,820 ft ³ /s	06-08-01	*12.48 ft	*5,900 ft ³ /s
03-12-01	11.88 ft	4,930 ft ³ /s			
02443730 Kincaide Creek tributary near Ethelsville					
04-04-01	*3.27 ft	*42 ft ³ /s			
02444160 Tombigbee River at Bevill Lock and Dam near Pickensville					
01-20-01		*75,600 ft ³ /s	03-13-01	*136.96 ft	
02444490 Bogue Chitto Creek near Memphis (base discharge, 2,900 ft ³ /s)					
01-19-01	*14.82 ft	*3,120 ft ³ /s			
02444500 Tombigbee River near Cochrane					
01-21-01	*121.47 ft				
02446500 Sipsey River near Elrod (base discharge, 4,500 ft ³ /s)					
01-24-01	14.41 ft	4,520 ft ³ /s	04-08-01	*15.02 ft	*6,960 ft ³ /s
03-17-01	14.61 ft	5,430 ft ³ /s	06-12-01	14.87 ft	6,390 ft ³ /s
02447025 Tombigbee River at Gainesville Lock and Dam near Gainesville					
01-20-01		*108,000 ft ³ /s	11-09-00	*109.95 ft	
02448500 Noxubee River near Geiger					
03-16-01	*31.24 ft	*9,310 ft ³ /s			

TABLE 3.—PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001—Continued

02448900 Bodka Creek near Geiger (base discharge, 5,000 ft ³ /s)					
04-05-01	*18.67 ft	*4,720 ft ³ /s			
02449840 Duck River near Berlin					
03-20-01	*11.12 ft				
02449882 Blue Springs Creek near Blountsville (base discharge, 600 ft ³ /s)					
03-12-01	6.86 ft	740 ft ³ /s	03-20-01	7.20 ft	856 ft ³ /s
03-15-01	6.57 ft	642 ft ³ /s	04-04-01	*7.93 ft	*1,120 ft ³ /s
02450000 Mulberry Fork near Garden City (base discharge, 13,000 ft ³ /s)					
03-20-01	*16.07 ft	*24,700 ft ³ /s			
02450180 Mulberry Fork near Arkadelphia (base discharge, 11,000 ft ³ /s)					
03-21-01	*28.86 ft	*17,100 ft ³ /s	04-04-01	27.76 ft	15,500 ft ³ /s
02450250 Sipsey Fork near Grayson (base discharge, 4,000 ft ³ /s)					
01-19-01	21.06 ft	6,240 ft ³ /s	06-05-01	18.40 ft	5,020 ft ³ /s
02-16-01	17.85 ft	4,780 ft ³ /s	06-07-01	19.80 ft	5,650 ft ³ /s
04-03-01	*25.84 ft	*8,630 ft ³ /s			
02450825 Clear Creek at New Hope Church near Popular Spring (base discharge, 4,000 ft ³ /s)					
01-19-01	9.44 ft	4,580 ft ³ /s	04-04-01	*15.82 ft	*9,740 ft ³ /s
02453000 Blackwater Creek near Manchester (base discharge, 2,500 ft ³ /s)					
01-21-01	6.63 ft	2,610 ft ³ /s	06-09-01	6.58 ft	2,550 ft ³ /s
04-03-01	*11.98 ft	*8,720 ft ³ /s			
02453500 Mulberry Fork at Cordova					
04-04-01	*20.95 ft				
02454055 Lost Creek above Parrish (base discharge, 3,000 ft ³ /s)					
01-20-01	18.12 ft	3,700 ft ³ /s	04-05-01	*22.79 ft	*5,990 ft ³ /s
03-15-01	16.99 ft	3,290 ft ³ /s	06-08-01	16.73 ft	3,190 ft ³ /s
02455000 Locust Fork near Cleveland (base discharge, 8,500 ft ³ /s)					
03-20-01	*10.76 ft	*9,520 ft ³ /s			
02455980 Turkey Creek at Sewage Plant near Pinson (base discharge, 1,500 ft ³ /s)					
11-09-00	8.98 ft	2,340 ft ³ /s	09-03-01	10.67 ft	3,740 ft ³ /s
04-03-01	*11.57 ft	*4,610 ft ³ /s	09-04-01	8.57 ft	2,050 ft ³ /s
02456500 Locust Fork near Sayre (base discharge, 17,000 ft ³ /s)					
03-21-01	26.10 ft	20,100 ft ³ /s	09-04-01	28.33 ft	22,000 ft ³ /s
04-04-01	*33.19 ft	*28,700 ft ³ /s			
02456980 Fivemile Creek at Lawson Road near Tarrant City (base discharge, 1,700 ft ³ /s)					
11-09-00	7.16 ft	3,000 ft ³ /s	08-13-01	5.40 ft	1,990 ft ³ /s
04-03-01	*7.86 ft	*3,430 ft ³ /s	09-03-01	6.83 ft	2,800 ft ³ /s
02456998 Barton Branch near Tarrant City (base discharge, 1,000 ft ³ /s)					
11-09-00	4.56 ft	1,430 ft ³ /s	06-30-01	4.60 ft	1,480 ft ³ /s
03-20-01	4.20 ft	1,010 ft ³ /s	08-27-01	4.29 ft	1,100 ft ³ /s
04-03-01	4.23 ft	1,040 ft ³ /s	08-31-01	4.24 ft	1,050 ft ³ /s
04-03-01	*5.42 ft	*2,710 ft ³ /s	09-03-01	4.98 ft	2,020 ft ³ /s
06-22-01	4.20 ft	1,010 ft ³ /s			
02457000 Fivemile Creek at Ketona (base discharge, 1,700 ft ³ /s)					
11-09-00	9.47 ft	2,690 ft ³ /s	09-03-01	9.53 ft	2,710 ft ³ /s
04-03-01	*13.22 ft	*4,210 ft ³ /s			

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

02457595 Fivemile Creek near Republic (base discharge, 2,500 ft ³ /s)					
11-09-00	8.70 ft	3,500 ft ³ /s	03-20-01	8.91 ft	3,640 ft ³ /s
03-11-01	*18.35 ft	*12,600 ft ³ /s	04-03-01	17.37 ft	11,400 ft ³ /s
03-15-01	7.12 ft	2,520 ft ³ /s	09-03-01	10.68 ft	5,020 ft ³ /s
02457670 Fivemile Creek below Prudes Creek near Graysville (base discharge, 4,500 ft ³ /s)					
03-20-01	11.99 ft	5,490 ft ³ /s	09-03-01	15.14 ft	9,590 ft ³ /s
04-03-01	*20.68 ft	*19,800 ft ³ /s			
02458148 Village Creek at 86th Street North at Roebuck (base discharge, 650 ft ³ /s)					
04-03-01	*9.59	*1,060 ft ³ /s			
02458200 Village Creek at Apalachee Street at Birmingham (base discharge, 2,200 ft ³ /s)					
11-09-00	*17.47 ft	*4,050 ft ³ /s	09-03-01	13.66 ft	2,330 ft ³ /s
04-03-01	15.68 ft	3,120 ft ³ /s	09-04-01	13.80 ft	2,380 ft ³ /s
06-26-01	13.61 ft	2,310 ft ³ /s			
02458300 Village Creek at 24th Street at Birmingham (base discharge, 3,000 ft ³ /s)					
11-07-95	8.76 ft	2,270 ft ³ /s	08-12-98	9.87 ft	3,300 ft ³ /s
01-26-96	12.02 ft	4,550 ft ³ /s	01-23-99	10.67 ft	3,740 ft ³ /s
03-06-96	10.04 ft	3,390 ft ³ /s	05-06-99	10.31 ft	3,540 ft ³ /s
03-07-96	*12.05 ft	*4,560 ft ³ /s	06-28-99	*12.09 ft	*4,590 ft ³ /s
05-28-96	11.20 ft	4,050 ft ³ /s	10-10-99	10.89 ft	3,870 ft ³ /s
05-28-96	9.32 ft	3,010 ft ³ /s	03-10-00	*13.23 ft	*5,320 ft ³ /s
07-28-97	*7.84 ft	*2,280 ft ³ /s	03-19-00	10.83 ft	3,840 ft ³ /s
01-07-98	*12.68 ft	*4,960 ft ³ /s	04-03-00	12.13 ft	4,620 ft ³ /s
02-26-98	9.17 ft	2,930 ft ³ /s	04-03-00	12.17 ft	4,640 ft ³ /s
03-05-98	9.08 ft	2,880 ft ³ /s	11-09-00	11.58 ft	4,280 ft ³ /s
04-08-98	8.59 ft	2,640 ft ³ /s	04-03-01	*12.00 ft	*4,530 ft ³ /s
05-10-98	10.11 ft	3,430 ft ³ /s	06-26-01	10.02 ft	3,380 ft ³ /s
07-09-98	11.06 ft	3,970 ft ³ /s	09-03-01	10.00 ft	3,370 ft ³ /s
02458450 Village Creek at Avenue W at Ensley (base discharge, 3,500 ft ³ /s)					
11-09-00	11.67 ft	4,010 ft ³ /s	09-03-01	12.38 ft	4,620 ft ³ /s
04-03-01	*12.93 ft	*5,140 ft ³ /s			
02458502 Village Creek near Pratt City (base discharge, 3,000 ft ³ /s)					
11-09-00	13.14 ft	3,230 ft ³ /s	04-03-01	*15.53 ft	*4,340 ft ³ /s
02458600 Village Creek near Docena (base discharge, 3,000 ft ³ /s)					
04-04-01	e*10.80 ft	e*5,000 ft ³ /s	09-03-01	10.65 ft	4,930 ft ³ /s
02461130 Village Creek at Center Street at Birmingham (base discharge, 1,400 ft ³ /s)					
02-25-01	7.70 ft	1,430 ft ³ /s	08-13-01	7.63 ft	1,400 ft ³ /s
04-03-01	10.59 ft	2,550 ft ³ /s	08-31-01	10.04 ft	2,320 ft ³ /s
06-26-01	11.63 ft	3,380 ft ³ /s	08-31-01	*12.06 ft	*3,820 ft ³ /s
07-20-01	11.40 ft	3,160 ft ³ /s			
02461500 Valley Creek near Bessemer (base discharge, 4,000 ft ³ /s)					
04-03-01	12.55 ft	4,210 ft ³ /s	09-03-01	*13.56 ft	*5,480 ft ³ /s
08-31-01	12.92 ft	4,660 ft ³ /s			
02461630 Halls Creek at Bessemer (base discharge, 350 ft ³ /s)					
04-03-01	9.28 ft	382 ft ³ /s	09-03-01	*10.05 ft	*455 ft ³ /s
07-03-01	9.26 ft	380 ft ³ /s			
02461640 Valley Creek below Bessemer (base discharge, 4,000 ft ³ /s)					
04-04-01	10.24 ft	4,490 ft ³ /s	09-03-01	*11.04 ft	*5,250 ft ³ /s
08-31-01	9.94 ft	4,220 ft ³ /s			

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

02462000 Valley Creek near Oak Grove (base discharge, 5,000 ft ³ /s)					
04-04-01	14.71 ft	5,810 ft ³ /s	09-03-01	*21.13ft	*9,160 ft ³ /s
02462500 Black Warrior River at Bankhead Lock and Dam near Bessemer					
02-24-01	*255.18 ft		04-04-01		(1) *132,000 ft ³ /s
02462501 Black Warrior River below Bankhead Lock and Dam near Bessemer					
04-04-01	*188.81 ft				
02462951 Black Warrior River at Holt Lock and Dam near Holt					
09-03-01	*187.39 ft		04-05-01		(1) *94,100 ft ³ /s
02462952 Black Warrior River below Holt Lock and Dam near Holt					
04-04-01	*140.17 ft				
02464000 North River near Samantha (base discharge, 5,000 ft ³ /s)					
02-13-01	*13.13 ft	*6,390 ft ³ /s	09-09-01	11.92 ft	5,610 ft ³ /s
02464146 Turkey Creek near Tuscaloosa (base discharge, 300 ft ³ /s)					
11-09-00	5.77 ft	597 ft ³ /s	06-27-01	4.98 ft	385 ft ³ /s
01-19-01	4.99 ft	388 ft ³ /s	08-11-01	5.70 ft	577 ft ³ /s
03-15-01	4.75 ft	328 ft ³ /s	09-03-01	4.90 ft	366 ft ³ /s
06-09-01	5.11 ft	417 ft ³ /s	09-09-01	*5.88 ft	*630 ft ³ /s
02464360 Binion Creek below Gin Creek near Samantha (base discharge, 1,200 ft ³ /s)					
09-09-01	*11.69 ft	*1,760 ft ³ /s			
02464800 Lake Tuscaloosa near Tuscaloosa					
03-15-01	*225.54 ft				
02465000 Black Warrior River at Northport					
04-05-01	*135.38 ft	*124,000 ft ³ /s			
02465005 Black Warrior River below Oliver Lock and Dam at Tuscaloosa					
04-05-01	*131.71 ft				
02465493 Elliotts Creek at Moundville (base discharge, 450 ft ³ /s)					
09-04-01	*6.21 ft	*428 ft ³ /s			
02466030 Black Warrior River at Selden Lock and Dam near Eutaw					
04-07-01	*98.00 ft		04-05-01		*93,000 ft ³ /s
02466031 Black Warrior River below Selden Lock near Eutaw					
04-07-01	*97.65 ft				
02467000 Tombigbee River at Demopolis Lock and Dam near Coatopa					
04-07-01	*80.49 ft	*131,000 ft ³ /s			
02467001 Tombigbee River below Demopolis Lock and Dam near Coatopa					
04-08-01	*71.53 ft				
02467500 Sucarnoochee River at Livingston (base discharge, 5,000 ft ³ /s)					
03-04-01	*20.45 ft	*6,350 ft ³ /s			
02469525 Tombigbee River near Nanafalia					
03-05-01	*55.87 ft				

TABLE 3.—PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

02469761 Tombigbee River at Coffeerville Lock and Dam near Coffeerville					
03-06-01	*38.27 ft		03-07-01		*136,000 ft ³ /s
02469762 Tombigbee River below Coffeerville Lock and Dam near Coffeerville					
03-06-01	*36.20 ft				
02469795 Harris Creek near Campbell					
03-03-01	*5.04 ft	*250 ft ³ /s			
02469800 Satilpa Creek near Coffeerville (base discharge, 2,600 ft ³ /s)					
03-04-01	*15.67 ft	*9,990 ft ³ /s	03-13-01	14.77 ft	6,070 ft ³ /s
02470072 Bassett Creek at U.S. Highway 43 near Thomasville (base discharge, 500 ft ³ /s)					
03-03-01	8.64 ft	705 ft ³ /s	03-12-01	*8.95 ft	*786 ft ³ /s
02470630 Mobile River at Barry Power Plant at Bucks					
03-10-01	*12.05 ft	e*312,000 ft ³ /s			
02471001 Chickasaw Creek near Kushla (base discharge, 1,500 ft ³ /s)					
03-04-01	*15.38 ft	*3,620 ft ³ /s			
02471013 Threemile Creek at Zeigler Boulevard at Spring Hill (base discharge, 250 ft ³ /s)					
03-29-00	*71.39 ft		08-11-01	*70.41 ft	
0247101490 Threemile Creek at Stanton Road at Mobile (base discharge, 500 ft ³ /s)					
06-11-01	*5.94 ft				
0247101490 Three Mile Creek at U.S. Highway 98 near Prichard					
06-11-01	*3.20 ft				
02471078 Fowl River at Half Mile Road near Laurendine (base discharge, 500 ft ³ /s)					
03-12-01	7.01 ft	504 ft ³ /s	06-11-01	*7.84 ft	945 ft ³ /s
03-15-01	7.47 ft	733 ft ³ /s			
PASCAGOULA RIVER BASIN					
02479560 Escatawpa River near Agricola, MS (base discharge, 5,000 ft ³ /s)					
03-06-01	*18.60 ft	*13,800 ft ³ /s			
02479945 Big Creek at County Road near Wilmer (base discharge, 600 ft ³ /s)					
03-04-01	*8.13 ft	*592 ft ³ /s			
02479980 Crooked Creek near Fairview (base discharge, 300 ft ³ /s)					
03-03-01	*4.59 ft	*283 ft ³ /s			
02480002 Hamilton Creek at Snow Road near Semmes (base discharge, 250 ft ³ /s)					
08-11-01	*4.39 ft	*213 ft ³ /s			
TENNESSEE RIVER BASIN					
03573182 Scarham Creek near McVillie (base discharge, 1,300 ft ³ /s)					
03-12-01	9.61 ft	2,060 ft ³ /s	03-20-01	*10.16 ft	*2,410 ft ³ /s
03574500 Paint Rock near Woodville (base discharge, 6,000 ft ³ /s)					
12-18-00	16.64 ft	6,560 ft ³ /s	03-21-01	17.57 ft	8,750 ft ³ /s
01-20-01	*18.84 ft	*12,900 ft ³ /s	06-09-01	16.72 ft	6,720 ft ³ /s
02-18-01	16.80 ft	6,880 ft ³ /s			

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

0357479650 Hester Creek near Plevana					
12-16-00	*8.09 ft	*2,160 ft ³ /s			
03575100 Flint River at Brownsboro					
12-17-00	*18.57 ft	*11,900 ft ³ /s			
0357526200 Big Cove Creek at Dug Hill Road near Huntsville (base discharge, 500 ft ³ /s)					
11-09-00	8.55 ft	518 ft ³ /s	06-04-01	9.24 ft	681 ft ³ /s
01-19-01	*10.16 ft	*966 ft ³ /s	08-10-01	8.76 ft	564 ft ³ /s
03-20-01	8.83 ft	581 ft ³ /s	08-11-01	10.15 ft	962 ft ³ /s
03575500 Tennessee River at Whitesburg					
01-21-01	*13.13 ft	*121,000 ft ³ /s			
0357568650 Aldridge Creek at Toney Drive at Huntsville (base discharge, 115 ft ³ /s)					
11-08-00	5.96 ft	618 ft ³ /s	06-04-01	*6.39 ft	*758 ft ³ /s
01-19-01	4.84 ft	330 ft ³ /s	06-29-01	4.92 ft	349 ft ³ /s
03-20-01	5.07 ft	385 ft ³ /s	07-04-01	4.67 ft	289 ft ³ /s
04-04-01	4.50 ft	251 ft ³ /s	08-10-01	4.69 ft	293 ft ³ /s
05-28-01	4.19 ft	191 ft ³ /s			
0357568820 Martin Hollow near Huntsville					
01-19-01	unknown	*227 ft ³ /s			
0357568980 Aldridge Creek at Sherwood Drive near Huntsville (base discharge, 500 ft ³ /s)					
11-09-00	*8.14 ft	*1,200 ft ³ /s	04-04-01	6.24 ft	545 ft ³ /s
01-19-01	7.58 ft	992 ft ³ /s	06-04-01	7.37 ft	916 ft ³ /s
03-20-01	7.32 ft	898 ft ³ /s	08-10-01	6.84 ft	733 ft ³ /s
03575700 Aldridge Creek near Farley (base discharge, 1,200 ft ³ /s)					
11-09-00	*7.86 ft	*1,610 ft ³ /s	03-20-01	7.31 ft	1,310 ft ³ /s
01-19-01	7.56 ft	1,440 ft ³ /s	06-08-01	7.39 ft	1,350 ft ³ /s
03575830 Indian Creek near Madison (base discharge, 1,500 ft ³ /s)					
01-19-01	7.61 ft	1,830 ft ³ /s	07-05-01	8.14 ft	2,470 ft ³ /s
03-20-01	*9.03 ft	*3,810 ft ³ /s			
0357586650 Fagan Creek at Adams Street at Huntsville (base discharge, 500 ft ³ /s)					
11-08-00	3.12 ft	369 ft ³ /s	04-04-01	3.25 ft	458 ft ³ /s
01-19-01	3.17 ft	402 ft ³ /s	06-04-01	*3.79 ft	*932 ft ³ /s
0357587090 West Fork Pinhook Creek at Blue Springs at Huntsville (base discharge, 350 ft ³ /s)					
11-08-00	4.63 ft	536 ft ³ /s	08-10-01	*6.17 ft	*1,520 ft ³ /s
12-16-00	4.55 ft	487 ft ³ /s	08-12-01	4.48 ft	441 ft ³ /s
08-07-01	4.39 ft	381 ft ³ /s			
0357587140 East Fork Pinhook Creek at Winchester Road at Huntsville (base discharge, 125 ft ³ /s)					
11-08-00	7.30 ft	159 ft ³ /s	06-08-01	7.58 ft	230 ft ³ /s
03-20-01	7.24 ft	145 ft ³ /s	08-10-01	*7.65 ft	*250 ft ³ /s
0357587400 Pinhook Creek at Mastin Lake Road at Huntsville (base discharge, 500 ft ³ /s)					
11-09-00	7.16 ft	989 ft ³ /s	08-10-01	*10.67 ft	*2,800 ft ³ /s
06-08-01	6.36 ft	677 ft ³ /s	08-12-01	6.99 ft	921 ft ³ /s
0357587728 Dallas Branch at Huntsville (base discharge, 500 ft ³ /s)					
11-08-00	3.13 ft	533 ft ³ /s	06-04-01	*4.03 ft	*782 ft ³ /s
01-19-01	3.05 ft	512 ft ³ /s	08-10-01	3.33 ft	586 ft ³ /s
04-04-01	3.23 ft	559 ft ³ /s			

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEARS, 2001--Continued

03575890 Pinhook Creek at Huntsville (base discharge, 1,600 ft ³ /s)					
11-09-00	9.05 ft	3,000 ft ³ /s	06-04-01	9.42 ft	3,270 ft ³ /s
04-04-01	8.16 ft	2,320 ft ³ /s	08-10-01	*10.64 ft	*4,240 ft ³ /s
0357591500 Brogan Branch at Oakwood Avenue at Huntsville (base discharge, 350 ft ³ /s)					
11-08-00	*12.30 ft	*1,150 ft ³ /s	07-10-01	10.39 ft	734 ft ³ /s
12-13-00	8.86 ft	357 ft ³ /s	08-10-01	9.00 ft	400 ft ³ /s
02-25-01	9.43 ft	507 ft ³ /s	09-19-01	9.61 ft	552 ft ³ /s
04-04-01	11.02 ft	884 ft ³ /s			
03575933 Brogan Branch at Huntsville (base discharge, 1,500 ft ³ /s)					
11-09-00	*8.15 ft	*2,000 ft ³ /s	06-04-01	7.82 ft	1,800 ft ³ /s
04-04-01	7.89 ft	1,840 ft ³ /s			
03575950 Huntsville Spring Branch near Huntsville (base discharge, 2,500 ft ³ /s)					
11-09-00	13.07 ft	6,790 ft ³ /s	06-04-01	*13.50 ft	*7,490 ft ³ /s
01-19-01	10.34 ft	3,120 ft ³ /s	06-07-01	9.93 ft	2,680 ft ³ /s
03-20-01	10.77 ft	3,630 ft ³ /s	08-10-01	12.82 ft	6,410 ft ³ /s
04-04-01	11.44 ft	4,460 ft ³ /s			
03575980 McDonald Creek near Huntsville (base discharge, 1,500 ft ³ /s)					
11-09-00	*7.48 ft	*1,620 ft ³ /s	06-04-01	7.43 ft	1,600 ft ³ /s
03576250 Limestone Creek near Athens (base discharge, 3,200 ft ³ /s)					
01-19-01	8.27 ft	3,820 ft ³ /s	06-08-01	8.19 ft	3,730 ft ³ /s
02-17-01	8.53 ft	4,120 ft ³ /s	07-05-01	*9.36 ft	*5,180 ft ³ /s
03-20-01	9.01 ft	4,710 ft ³ /s			
03577150 Tennessee River at Decatur					
08-13-01	*8.07 ft				
03586500 Big Nance Creek at Courtland (base discharge, 3,800 ft ³ /s)					
01-20-01	*17.63 ft	*5,190 ft ³ /s	06-08-01	16.67 ft	4,690 ft ³ /s
03-21-01	14.99 ft	3,900 ft ³ /s			
03589500 Tennessee River at Florence					
02-17-01	*19.79 ft	*206,000 ft ³ /s			
03590680 Tennessee River at Smithsonia					
06-10-01	*15.82 ft				

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS

The following list contains discontinued and currently operated continuous-record streamflow stations on streams within the State of Alabama and near its border with adjacent States. Daily streamflow records were collected and published for the periods of record shown for each station. Some stations have monthly figures published for additional periods other than those noted in the period of record column.

Station number	Station name	Drainage area (mi ²)	Period(s) of record	
02339225	Wehadkee Creek below Rock Mills	60.2	Oct. 01, 1978	to Jan. 31, 1990
02339500	Chattahoochee River at West Point, GA	3,550	Aug. 01, 1896	to Sept. 30, 2001
02341500	Chattahoochee River at Columbus, GA	4,670	Aug. 23, 1929	to Sept. 30, 2001
02342200	Phelps Creek near Opelika	6.67	Oct. 01, 1958	to Sept. 30, 1965
02342500	Uchee Creek near Fort Mitchell	322	Oct. 01, 1946	to Sept. 30, 2001
02342933	South Fork Cowikee Creek near Batesville	112	Oct. 01, 1963	to Sept. 30, 1971
			Oct. 01, 1974	to Sept. 30, 2001
02343000	Barbour Creek near Eufaula	95.4	Oct. 01, 1953	to Sept. 30, 1958
02343260	Chattahoochee River at Fort Gaines, GA	7,570	Oct. 01, 1960	to Sept. 30, 1962
02343300	Abbie Creek near Haleburg	146	Oct. 01, 1958	to Sept. 30, 1971
			Oct. 01, 1974	to Aug. 05, 1993
02343500	Chattahoochee River at Columbia	8,040	July 27, 1928	to Sept. 30, 1960
02343700	Stevenson Creek near Headland	14.0	Oct. 01, 1959	to Sept. 30, 1965
02343801	Chattahoochee River at Andrews Lock and Dam at Columbia	8,210	Oct. 01, 1975	to Sept. 30, 2001
02344000	Chattahoochee River at Alaga	8,340	May 01, 1938	to Dec. 31, 1944
			Oct. 01, 1960	to Sept. 30, 1970
02360000	West Fork Choctawhatchee River at Blue Springs	86.8	Oct. 01, 1943	to Sept. 30, 1953
02360500	East Fork Choctawhatchee River near Midland City	291	June 01, 1952	to Sept. 30, 1963
02361000	Choctawhatchee River near Newton	686	Dec. 01, 1921	to Sept. 30, 1927
			June 01, 1935	to Sept. 30, 2001
02361500	Choctawhatchee River near Bellwood	1,280	Dec. 01, 1921	to Oct. 31, 1925
			Dec. 07, 2000	to Sept. 30, 2001
02362000	Choctawhatchee River near Geneva	1,346	Oct. 01, 1922	to Nov. 30, 1925
02362240	Little Double Bridges Creek near Enterprise	21.4	Aug. 07, 1985	to Sept. 30, 2001
02363000	Pea River near Arlton	498	Oct. 01, 1938	to Sept. 30, 1970
			Oct. 01, 1987	to Sept. 30, 2001
02363500	Whitewater Creek at Elba	315	Oct. 01, 1943	to Sept. 30, 1945
02364500	Pea River near Samson	1,180	Sept. 01, 1904	to Aug. 31, 1913
			Oct. 01, 1922	to Sept. 30, 1925
			Oct. 01, 1935	to Sept. 30, 1970
02364570	Panther Creek near Hucoda	26.2	Oct. 01, 1974	to Sept. 30, 1995
02365000	Pea River near Geneva	1,550	Aug. 01, 1922	to Sept. 30, 1925
02367500	Lightwood Knot Creek at Babbie	114	Mar. 01, 1944	to Apr. 30, 1953
02367800	Yellow River near Wing	461	Oct. 01, 1958	to Sept. 30, 1967
02369800	Blackwater River near Bradley	87.7	Oct. 01, 1967	to Sept. 30, 2001
02371000	Conecuh River near Troy	257	Oct. 01, 1943	to Sept. 30, 1953
02371200	Indian Creek near Troy	8.87	Oct. 01, 1958	to Sept. 30, 1968
			Oct. 01, 1970	to Sept. 30, 1986
02371470	Sandy Creek near Brantley	4.43	Oct. 01, 1989	to Sept. 30, 1992
02371500	Conecuh River at Brantley	500	Oct. 01, 1937	to Sept. 30, 2001
02372000	Patsaliga Creek at Luverne	254	Oct. 01, 1943	to Sept. 30, 1958
02372250	Patsaliga Creek near Brantley	442	Oct. 01, 1974	to Sept. 30, 2001
02372422	Conecuh River below Point "A" Dam at River Falls	1,273	June 17, 1999	to Sept. 30, 2001
02372500	Conecuh River near Andalusia	1,344	Sept. 01, 1904	to Dec. 31, 1919
			Oct. 01, 1929	to Sept. 30, 1952
			Oct. 01, 1965	to Sept. 30, 1968
02373000	Sepulga River near McKenzie	470	Oct. 01, 1937	to Sept. 30, 1967
			Oct. 01, 1974	to Sept. 30, 2001
02373500	Pigeon Creek near Thad	307	Oct. 01, 1937	to Sept. 30, 1970
02373800	Sepulga River at Brooklyn	1,020	June 26, 1975	to Sept. 30, 1983
02374000	Conecuh River near Brooklyn	2,490	June 01, 1935	to Dec. 31, 1957
02374250	Conecuh River at State Highway 41 near Brewton	2,661	Apr. 16, 1999	to Sept. 30, 2001
02374500	Murder Creek near Evergreen	176	Oct. 01, 1937	to Sept. 30, 2001
02374660	Murder Creek at Kirkland	329	Oct. 01, 1974	to Sept. 30, 1980
02374700	Murder Creek at Brewton	435	Mar. 26, 1999	to Sept. 30, 2001
02374745	Burnt Corn Creek at State Highway 41 near Brewton	182	Mar. 20, 1999	to Sept. 30, 2001
02374950	Big Escambia Creek at Sardine Bridge near Stanley Crossroads	193	May 24, 2000	to Sept. 30, 2001
02375000	Big Escambia Creek at Flomaton	330	Jan. 01, 1939	to Dec. 31, 1951
02375500	Escambia River near Century, FL	3,817	Oct. 01, 1934	to Sept. 30, 2001
02376500	Perdido River at Barrineau Park, FL	394	June 01, 1941	to Sept. 30, 2001
02377500	Styx River near Loxley	92.2	Oct. 01, 1951	to Sept. 30, 1969
			Oct. 01, 1970	to Sept. 30, 1971
02377570	Styx River near Elsanor	192	Oct. 01, 1987	to Sept. 30, 2001
02377960	Blackwater River near Elsanor	56.6	Oct. 01, 1987	to Sept. 30, 1991

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record	
02378300	Magnolia River at U.S. Highway 98 near Foley	16.6	Jul. 21, 1999	to Sept. 30, 2001
02378500	Fish River near Silver Hill	55.3	July 01, 1953	to Sept. 30, 1969
			Oct. 01, 1970	to Sept. 30, 1971
			Nov. 20, 1986	to Sept. 30, 2001
02398037	Chattooga River at Chattoogaville, GA	281	Dec. 15, 1999	to Sept. 30, 2001
02398195	Mills Creek near Chesterfield	9.53	Oct. 01, 1978	to Sept. 30, 1985
02398250	Mills Creek near Dewey	67.6	Oct. 01, 2000	to Sept. 30, 2001
02398300	Chattooga River above Gaylesville	366	Jan. 01, 1959	to Sept. 30, 1967
			Oct. 01, 1984	to Sept. 30, 2001
02398500	Chattooga River at Gaylesville	379	June 01, 1937	to Sept. 30, 1960
02398950	West Fork Little River at DeSoto State Park near Fort Payne	42.8	Oct. 01, 1997	to Sept. 30, 2001
02399000	Little River near Jamestown	125	Feb. 01, 1922	to Mar. 31, 1932
			June 01, 1935	to Sept. 30, 1949
02399200	Little River near Blue Pond	199	Oct. 01, 1958	to Sept. 30, 1967
			Oct. 01, 1970	to Sept. 30, 2001
02399500	Coosa River at Leesburg	5,270	Oct. 01, 1937	to Sept. 30, 1958
02399800	Little Terrapin Creek near Borden Springs	15.4	Oct. 01, 1960	to Sept. 30, 1965
02400000	Terrapin Creek near Piedmont	116	Oct. 01, 1944	to Sept. 30, 1954
			Oct. 01, 1956	to Sept. 30, 1963
02400100	Terrapin Creek at Ellisville	252	Oct. 01, 1962	to Sept. 30, 1967
			Oct. 01, 1980	to Sept. 30, 2001
02400500	Coosa River at Gadsden	5,805	Oct. 01, 1926	to Sept. 30, 1976
02401000	Big Wills Creek near Reece City	182	Oct. 01, 1943	to Sept. 30, 1970
			Oct. 01, 1986	to Sept. 30, 2001
02401370	Big Canoe Creek near Springville	45.0	Oct. 01, 1978	to May 10, 1995
02401387	Muckleroy Spring near Whitney	--	Apr. 01, 1969	to Sept. 30, 1974
02401390	Big Canoe Creek at Ashville	141	Oct. 01, 1965	to Sept. 30, 2001
02401450	Gulf Creek near Steele	9.88	Oct. 01, 1976	to Sept. 30, 1979
02401460	Gulf Creek near Ashville	14.3	Oct. 01, 1978	to Sept. 30, 1985
02401470	Little Canoe Creek near Steele	22.3	Apr. 01, 1982	to May 10, 1995
02401500	Big Canoe Creek near Gadsden	253	Jan. 01, 1938	to Aug. 31, 1938
			Feb. 01, 1939	to Sept. 30, 1965
02401700	Ohatchee Creek at Reads	39.7	Oct. 01, 1956	to Sept. 30, 1960
02401800	Tallasseehatchee Creek near Wellington	92.2	Oct. 01, 1956	to Sept. 30, 1960
02402500	Coosa River at Riverside	7,070	Oct. 01, 1896	to Sept. 30, 1916
02403200	Choccolocco Creek at Choccolocco	121	Oct. 01, 1956	to Sept. 30, 1960
02403395	Choccolocco Creek at Oxford	222	May 26, 1999	to Sept. 30, 2001
02403500	Coldwater Spring near Anniston	--	Apr. 01, 1957	to Sept. 30, 1996
02404000	Choccolocco Creek near Jenifer	277	Aug. 20, 1903	to Feb. 03, 1908
			Oct. 01, 1929	to Mar. 31, 1932
			Oct. 01, 1935	to Sept. 30, 1970
02404400	Choccolocco Creek at Jackson Shoals near Lincoln	481	Oct. 01, 1960	to Sept. 30, 1967
			Oct. 01, 1984	to Sept. 30, 2001
02404500	Choccolocco Creek near Lincoln	496	Oct. 01, 1938	to Sept. 30, 1953
02405000	Coosa River near Cropwell	7,663	Oct. 01, 1941	to Sept. 30, 1958
02405500	Kelly Creek near Vincent	193	Dec. 01, 1951	to Sept. 30, 1970
			Oct. 01, 1986	to Sept. 30, 2001
02405800	Talladega Creek above Talladega	69.6	June 01, 1959	to Sept. 30, 1970
02406000	Talladega Creek near Talladega	101	Oct. 01, 1952	to Sept. 30, 1962
02406500	Talladega Creek at Alpine	150	Aug. 17, 1900	to Dec. 31, 1904
			Oct. 01, 1939	to Sept. 30, 1951
			Oct. 01, 1987	to Sept. 30, 2001
02407000	Coosa River at Childersburg	8,390	Oct. 01, 1913	to Sept. 30, 1978
02407500	Yellowleaf Creek near Wilsonville	96.5	Jan. 01, 1951	to Sept. 30, 1967
02407900	Paint Creek near Marble Valley	12.7	Aug. 01, 1959	to Sept. 30, 1965
02408000	Coosa River (old lock 12) near Clanton	9,053	Oct. 01, 1912	to Sept. 30, 1914
02408500	Hatchet Creek near Rockford	233	Oct. 01, 1944	to Feb. 28, 1979
02408540	Hatchet Creek below Rockford	263	Oct. 01, 1980	to Sept. 30, 2001
02409000	Weogufka Creek near Weogufka	73.4	Jan. 01, 1951	to Sept. 30, 1958
02409500	Coosa River above Verbena	9,778	Oct. 01, 1925	to Oct. 31, 1925
			Jan. 01, 1926	to July 31, 1928
02410000	Paterson Creek near Central	4.91	Oct. 01, 1953	to Sept. 30, 1987
02411000	Coosa River at Jordan Dam near Wetumpka	10,102	Oct. 01, 1912	to Sept. 30, 1914
			Oct. 01, 1925	to Nov. 30, 1925
			Feb. 01, 1926	to Sept. 30, 2001
02411930	Tallapoosa River below Tallapoosa, GA	272	Dec. 13, 1999	to Sept. 30, 2001
02412000	Tallapoosa River near Heflin	448	July 01, 1952	to Sept. 30, 2001
02412177	Cahulga Creek at Heflin	9.40	July 31, 1986	to Sept. 30, 1988
02412500	Tallapoosa River near Ofelia	792	Jan. 01, 1939	to Dec. 31, 1951
02413210	Little Tallapoosa River below Bowdon, GA	245	Dec. 12, 1999	to Sept. 30, 2001

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record	
02413300	Little Tallapoosa River near Newell	406	Oct. 01, 1975	to Sept. 30, 2001
02413400	Wedowee Creek above Wedowee	6.87	June 01, 1959	to Sept. 30, 1966
			Oct. 01, 1967	to June 30, 1968
02413500	Little Tallapoosa River near Wedowee	591	Oct. 01, 1939	to Dec. 31, 1951
02414000	Tallapoosa River near Cragford	1,450	Nov. 01, 1922	to Sept. 30, 1929
02414500	Tallapoosa River at Wadley	1,675	Oct. 01, 1923	to Sept. 30, 2001
02414525	High Pine Creek near Roanoke	21.3	Aug. 21, 1998	to Sept. 30, 2001
02414715	Tallapoosa River near New Site	2,058	Nov. 15, 1985	to Sept. 30, 2001
02414800	Harbuck Creek near Hackneyville	7.97	Oct. 01, 1958	to Sept. 30, 1968
02415000	Hillabee Creek near Hackneyville	190	July 01, 1952	to Sept. 30, 1970
			Oct. 01, 1985	to Sept. 30, 2001
02416000	Tallapoosa River at Sturdivant	2,480	Oct. 01, 1900	to July 31, 1926
02416500	Big Sandy Creek near Dadeville	195	Aug. 01, 1900	to Dec. 31, 1901
02418000	Tallapoosa River at Cherokee Bluff near Tallassee	3,015	Oct. 01, 1912	to Sept. 30, 1914
			Oct. 01, 1922	to Mar. 31, 1928
02418230	Soughatchee Creek near Loachapoka	71.3	Nov. 09, 1999	to Sept. 30, 2001
02418500	Tallapoosa River below Tallassee	3,328	Oct. 01, 1928	to Sept. 30, 2001
02419000	Uphaee Creek near Tuskegee	333	Oct. 01, 1939	to Sept. 30, 1970
			Oct. 01, 1974	to Sept. 30, 2001
02419500	Tallapoosa River at Milstead	3,770	Sept. 01, 1897	to Sept. 30, 1902
02419890	Tallapoosa River near Montgomery	4,646	Oct. 01, 1995	to Sept. 30, 2001
02419977	Three Mile Branch at North Boulevard at Montgomery	8.79	Oct. 01, 1998	to Sept. 30, 2001
02420000	Alabama River near Montgomery	15,087	Oct. 01, 1927	to Sept. 30, 1990
02420500	Autauga Creek at Prattville	116	Jan. 01, 1939	to Sept. 30, 1959
02421000	Catoma Creek near Montgomery	290	July 01, 1952	to Sept. 30, 1971
			Oct. 01, 1974	to Sept. 30, 2001
02421115	Pintlalla Creek at Liberty Church Road near Pintlalla	59.3	Oct. 01, 1998	to Sept. 30, 2001
02421300	Ivy Creek at Mulberry	10.7	Oct. 01, 1960	to Sept. 30, 1965
02421500	Big Swamp Creek near Hayneville	123	Jan. 01, 1939	to Sept. 30, 1946
02422000	Big Swamp Creek near Lowndesboro	244	Oct. 01, 1940	to Sept. 30, 1971
02422500	Mulberry Creek at Jones	203	Oct. 01, 1938	to Sept. 30, 1970
			Oct. 01, 1974	to Sept. 30, 2001
02423000	Alabama River at Selma	17,095	Jan. 01, 1900	to Dec. 31, 1913
			Oct. 01, 1928	to Sept. 30, 1970
02423130	Cahaba River at Trussville	19.7	Oct. 01, 1988	to Sept. 30, 2001
02423190	Big Black Creek near Leeds	39.3	Jan. 01, 1999	to Jan. 31, 2001
02423380	Cahaba River near Mountain Brook	140	Oct. 01, 1980	to Sept. 30, 1981
			June 01, 1984	to Sept. 30, 2001
02423397	Little Cahaba River below Leeds	17.0	June 16, 1995	to Sept. 30, 2001
02423398	Little Cahaba River near Leeds	19.4	Oct. 01, 1980	to Sept. 30, 1981
			May 01, 1988	to Sept. 30, 2001
02423400	Little Cahaba River near Jefferson Park	24.4	July 23, 1986	to Feb. 17, 2000
0242340550	Cox Creek near Cahaba Heights	3.19	July 24, 1986	to Apr. 02, 1991
02423410	Little Cahaba River below Lake Purdy Dam near Cahaba Heights	42.7	Oct. 01, 1984	to Feb. 06, 2000
02423425	Cahaba River near Cahaba Heights	201	Aug. 01, 1975	to Sept. 30, 1985
			Jul. 27, 1996	to Sept. 30, 2001
02423496	Cahaba River near Hoover	226	May 01, 1988	to Sept. 30, 2001
02423500	Cahaba River near Acton	230	Oct. 01, 1938	to Sept. 30, 1957
			Oct. 01, 1983	to Sept. 30, 2001
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham	25.6	Oct. 01, 1998	to Sept. 30, 2001
02423555	Cahaba River near Helena	335	Oct. 01, 1995	to Sept. 30, 2001
02423586	Shades Creek near Homewood	27.1	Feb. 23, 2001	to Sept. 30, 2001
02423630	Shades Creek near Greenwood	72.3	Oct. 01, 1964	to Sept. 30, 1965
			Oct. 01, 1966	to Sept. 30, 1973
			Oct. 01, 1974	to Sept. 30, 1981
			Oct. 01, 1997	to Sept. 30, 2001
02423647	Cahaba River near West Blocton	593	Oct. 01, 1975	to Sept. 30, 1984
02423800	Little Cahaba River near Brierfield	147	Dec. 01, 1957	to Sept. 30, 1970
02424000	Cahaba River at Centreville	1,027	Aug. 01, 1901	to Feb. 05, 1908
			May 01, 1929	to Mar. 31, 1932
			May 29, 1935	to Sept. 30, 2001
02424500	Cahaba River at Sprott	1,370	Oct. 01, 1938	to Sept. 30, 1969
02424590	Cahaba River at Suttle	1,480	Aug. 28, 1987	to Sept. 30, 2001
02424940	Oakmulgee Creek near Augustin	220	May 01, 1975	to May 12, 1987
02425000	Cahaba River near Marion Junction	1,766	Oct. 01, 1938	to Sept. 30, 1954
			Oct. 01, 1968	to Sept. 30, 2001
02425200	Big Swamp Creek near Orrville	35.8	Mar. 22, 1972	to Sept. 30, 1985
02425300	Butler County Pond Outlet near Greenville	.55	Oct. 01, 1955	to Sept. 30, 1959

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record	
02425500	Cedar Creek at Minter	211	July 01, 1952	to Sept. 30, 1970
			Oct. 01, 1974	to Sept. 30, 1982
02426000	Bogue Chitto Creek near Browns	95.4	Feb. 01, 1944	to June 30, 1954
			Oct. 01, 1965	to Sept. 30, 1971
02426500	Bogue Chitto Creek above Orrville	200	Oct. 01, 1938	to Apr. 30, 1944
02427000	Bogue Chitto Creek near Orrville	293	Feb. 01, 1944	to Sept. 30, 1949
02427250	Pine Barren Creek near Snow Hill	261	Oct. 01, 1989	to Sept. 30, 2001
02427300	Prairie Creek near Oak Hill	10.3	Oct. 01, 1959	to Sept. 30, 1965
02427500	Alabama River near Millers Ferry	20,600	Oct. 01, 1937	to Sept. 30, 1954
02427700	Turkey Creek at Kimbrough	97.5	Oct. 01, 1958	to Sept. 30, 1996
02428000	Alabama River near Coy	21,100	Oct. 01, 1928	to Sept. 30, 1934
02428300	Tallahatchee Creek near Vredenburgh	13.2	Oct. 01, 1958	to Sept. 30, 1965
02428400	Alabama River at Claiborne Lock and Dam near Monroeville	21,473	Oct. 01, 1975	to Sept. 30, 2001
02428500	Big Flat Creek near Fountain	247	Oct. 01, 1943	to Sept. 30, 1970
02429000	Limestone Creek near Monroeville	121	Jan. 01, 1952	to Sept. 30, 1970
02429500	Alabama River at Claiborne	21,967	Apr. 01, 1930	to Sept. 30, 1975
02429595	Little River near Uriah	95.2	Oct. 01, 1968	to Sept. 30, 1979
02437800	Barn Creek near Hackleburg	13.1	Oct. 01, 1959	to Sept. 30, 1967
02437810	Buttahatchee River above Pearces Mill	112	Oct. 01, 1980	to Sept. 30, 1981
02437900	Woods Creek near Hamilton	14.3	Oct. 01, 1959	to Sept. 30, 1965
02438000	Buttahatchee River below Hamilton	277	Jan. 01, 1951	to Sept. 30, 1970
			Oct. 01, 1990	to Sept. 30, 2001
02438500	Buttahatchee River near Hamilton	306	Oct. 01, 1941	to Dec. 31, 1950
02439000	Buttahatchee River near Sulligent	472	Mar. 01, 1939	to Sept. 30, 1959
02442000	Luxapallila Creek near Fayette	130	May 01, 1945	to Sept. 30, 1970
02442500	Luxapallila Creek at Millport	247	Aug. 01, 1954	to Sept. 30, 1959
			Dec. 01, 1980	to Sept. 30, 1986
02444000	Coal Fire Creek near Pickensville	126	Oct. 01, 1954	to Sept. 30, 1971
			Oct. 01, 1974	to Sept. 30, 1980
02444160	Tombigbee River at Bevil Lock and Dam near Pickensville	5,750	Oct. 01, 1980	to Sept. 30, 2001
02444490	Bogue Chitto Creek near Memphis	52.6	Oct. 01, 1998	to Sept. 30, 2001
02444500	Tombigbee River near Cochrane	5,940	Oct. 01, 1938	to Mar. 31, 1978
02445000	Lubbub Creek near Carrollton	112	Sept. 01, 1954	to Sept. 30, 1964
02445290	Sipsey River near Bazemore	138	Oct. 01, 1980	to Sept. 30, 1981
02445500	Sipsey River at Fayette	282	Feb. 01, 1939	to Sept. 30, 1959
02446000	Sipsey River at Moores Bridge	413	Feb. 01, 1939	to Sept. 30, 1951
02446500	Sipsey River near Elrod	528	Sept. 01, 1928	to Mar. 31, 1932
			Oct. 01, 1939	to Sept. 30, 1971
			Oct. 01, 1978	to Sept. 30, 2001
02447000	Sipsey River near Pleasant Ridge	769	Feb. 01, 1939	to Sept. 30, 1959
02447025	Tombigbee River at Heflin Lock and Dam near Gainesville	7,230	Mar. 17, 1978	to Sept. 30, 2001
02448500	Noxubee River near Gelger	1,097	Mar. 01, 1939	to Sept. 30, 1940
			Aug. 01, 1944	to Sept. 30, 1965
			Oct. 01, 1966	to Sept. 30, 2001
02448900	Bodka Creek near Gelger	158	Oct. 01, 1990	to Sept. 30, 2001
02449000	Tombigbee River at Gainesville	8,632	Oct. 01, 1938	to Sept. 30, 1955
			Oct. 01, 1960	to Sept. 30, 1978
02449245	Brush Creek near Eutaw	43.2	June 01, 1975	to Sept. 30, 1997
02449400	Jones Creek near Epes	11.8	June 01, 1959	to Sept. 30, 1965
02449500	Tombigbee River at Epes	8,930	Jan. 01, 1901	to July 31, 1901
			Sept. 01, 1901	to Dec. 31, 1901
			Jan. 01, 1905	to Aug. 31, 1913
			Oct. 01, 1938	to Sept. 30, 1945
02449775	Mulberry Fork near Holly Pond	110	Oct. 01, 1980	to Sept. 30, 1981
02449870	Blue Spring near Blountsville	--	Oct. 01, 1969	to Sept. 30, 1974
02449882	Blue Springs Creek near Blountsville	13.0	Oct. 01, 1992	to Sept. 30, 2001
02450000	Mulberry Fork near Garden City	365	Oct. 01, 1928	to Sept. 30, 2001
02450180	Mulberry Fork near Arkadelphia	487	Oct. 01, 1976	to Sept. 30, 1986
			Oct. 01, 1988	to Sept. 30, 2001
02450200	Dorsey Creek near Arkadelphia	13.0	Oct. 01, 1958	to Feb. 06, 1967
			May 31, 1967	to Sept. 30, 1967
02450215	Dorsey Creek below Arkadelphia	26.0	Oct. 01, 1978	to Sept. 30, 1981
02450250	Sipsey Fork near Grayson	92.1	Oct. 01, 1966	to Sept. 30, 2001
02450500	Sipsey Fork near Falls City	360	June 01, 1943	to Dec. 31, 1954
02450825	Clear Creek at New Hope Church near Popular Springs	101	Oct. 01, 1980	to Sept. 30, 1981
			Oct. 01, 1993	to Sept. 30, 2001
02451000	Clear Creek at Falls City	149	Oct. 01, 1939	to Nov. 30, 1954
02451500	Sipsey Fork near Arley	524	Feb. 01, 1936	to Sept. 30, 1945

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record		
02452000	Sipsey Fork near Jasper	969	July 01, 1952	to	Sept. 30, 1960
02452500	Sipsey Fork near Sipsey	992	Oct. 01, 1928	to	Mar. 31, 1932
			July 01, 1932	to	Sept. 30, 1937
02453000	Blackwater Creek near Manchester	181	Oct. 01, 1938	to	Sept. 30, 1971
			Oct. 01, 1979	to	Sept. 30, 1982
			Oct. 01, 1988	to	Sept. 30, 2001
02453390	Town Creek at 26th Street at Jasper	11.8	Jan. 01, 1995	to	Sept. 30, 1997
02453500	Mulberry Fork at Cordova	1,916	June 01, 1900	to	Dec. 31, 1912
02453835	Trinity Creek near Carbon Hill	2.68	Oct. 01, 1978	to	Sept. 30, 1982
02454000	Lost Creek Near Oakman	134	Oct. 01, 1951	to	Sept. 30, 1966
			Oct. 01, 1979	to	Sept. 30, 1981
02454055	Lost Creek above Parrish	143	Oct. 01, 1992	to	Sept. 30, 2001
02454200	Wolf Creek near Oakman	85.0	Oct. 01, 1959	to	Sept. 30, 1969
02454420	Cove Spring near Walnut Grove	--	Oct. 01, 1969	to	Sept. 30, 1974
02454500	Locust Fork below Snead	147	Oct. 01, 1952	to	Sept. 30, 1957
02454995	Graves Creek below Blountsville	13.0	Oct. 01, 1997	to	Apr. 30, 2000
02455000	Locust Fork near Cleveland	303	Dec. 01, 1936	to	Sept. 30, 1986
			Oct. 01, 1992	to	Sept. 30, 2001
02455185	Blackburn Fork Little Warrior River near Holly Springs	36.1	Jan. 31, 1998	to	Mar. 05, 2000
02455280	Little Warrior River near Locust Fork	186	Oct. 01, 1992	to	Sept. 30, 1997
02455500	Locust Fork at Trafford	624	Oct. 01, 1930	to	Sept. 30, 1969
			Oct. 01, 1992	to	Sept. 30, 1997
02455980	Turkey Creek at Sewage Plant near Pinson	27.4	July 01, 1988	to	Sept. 30, 2001
02456000	Turkey Creek at Morris	80.9	Jan. 01, 1944	to	Sept. 30, 1979
02456330	Crooked Creek near Morris	16.2	Nov. 19, 1975	to	Sept. 30, 1988
			Oct. 01, 1996	to	Sept. 30, 1997
02456500	Locust Fork at Sayre	885	Oct. 01, 1928	to	Mar. 31, 1932
			Oct. 01, 1941	to	Sept. 30, 2001
02456980	Fivemile Creek at Lawson Road near Tarrant City	18.6	May 11, 1996	to	Sept. 30, 2001
02456998	Barton Branch near Tarrant City	3.11	May 27, 1996	to	Sept. 30, 2001
02457000	Fivemile Creek at Ketona	23.9	Oct. 01, 1953	to	Sept. 30, 1958
			Dec. 01, 1974	to	Sept. 30, 1979
			May 09, 1996	to	Sept. 30, 2001
02457595	Fivemile Creek near Republic	51.9	May 21, 1988	to	Sept. 30, 2001
02457670	Fivemile Creek below Prudes Creek near Graysville	91.7	Apr. 24, 1997	to	Sept. 30, 2001
02458148	Village Creek at 86 th Street North at Roebuck	4.10	Oct. 01, 1998	to	Sept. 30, 2001
02458200	Village Creek at Apalachee Street in Birmingham	15.6	Oct. 01, 1998	to	Sept. 30, 2001
02458300	Village Creek at 24th Street at Birmingham	26.0	June 01, 1988	to	Sept. 30, 2001
02458450	Village Creek at Avenue W at Ensley	33.5	July 01, 1975	to	Sept. 30, 1979
			July 08, 1988	to	Sept. 30, 2001
02458202	Village Creek near Pratt City	36.7	Oct. 01, 1997	to	Sept. 30, 2001
02458600	Village Creek near Docena	52.2	June 21, 1996	to	Sept. 30, 2001
02460000	Village Creek near Mulga	73.6	Jan. 01, 1909	to	Dec. 31, 1909
02460500	Village Creek near Adamsville	83.5	Oct. 01, 1953	to	Sept. 30, 1958
			Aug. 01, 1964	to	Sept. 30, 1965
			Feb. 01, 1973	to	Sept. 30, 1981
02461130	Valley Creek at Center Street at Birmingham	7.00	Feb. 01, 2001	to	Sept. 30, 2001
02461500	Valley Creek near Bessemer	52.5	May 14, 1975	to	Sept. 30, 1979
			May 01, 1988	to	Sept. 30, 2001
02461630	Halls Creek at Bessemer	7.30	Oct. 01, 1997	to	Sept. 30, 2001
02461640	Valley Creek below Bessemer	61.4	Oct. 01, 1997	to	Sept. 30, 2001
02462000	Valley Creek near Oak Grove	148	Oct. 01, 1953	to	Sept. 30, 1958
			Oct. 01, 1964	to	Sept. 30, 1965
			June 01, 1978	to	Sept. 30, 2001
02462500	Black Warrior River at Bankhead Lock and Dam near Bessemer	3,979	Oct. 01, 1928	to	Sept. 30, 1936
			Oct. 01, 1976	to	Sept. 30, 2001
02462600	Blue Creek near Oakman	5.32	June 01, 1959	to	Sept. 30, 1965
			Oct. 01, 1976	to	Sept. 30, 1984
02462800	Davis Creek below Abernant	45.3	Oct. 01, 1956	to	Sept. 30, 1971
02462840	Davis Creek near Antioch Church near Searles	87.3	Mar. 16, 1981	to	Sept. 30, 1982
02462951	Black Warrior River at Holt Lock and Dam near Holt	4,219	Oct. 01, 1976	to	Sept. 30, 2001
02462980	Yellow Creek above Northport	3.73	Oct. 01, 1976	to	Sept. 30, 1977
02462990	Yellow Creek near Northport	8.38	Oct. 01, 1976	to	Sept. 30, 1984
02463000	Yellow Creek near Tuscaloosa	24.2	Feb. 01, 1951	to	May 31, 1954
02463200	Hurricane Creek near Cedar Cove	29.3	Oct. 01, 1957	to	Sept. 30, 1960
02463500	Hurricane Creek near Holt	108	Aug. 01, 1952	to	Sept. 30, 1969
02463510	Hurricane Creek near Peterson	112	Oct. 01, 1980	to	Sept. 30, 1981
02463587	North River near Bankston	46.2	June 27, 1990	to	Jan. 20, 1992

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS—Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record	
02463900	Bear Creek near Samantha	15.0	Oct. 01, 1976	to Sept. 30, 1984
02464000	North River near Samantha	223	Dec. 01, 1938	to Sept. 30, 1954
			Oct. 01, 1968	to Sept. 30, 2001
02464146	Turkey Creek near Tuscaloosa	6.16	Feb. 01, 1981	to Sept. 30, 1984
			Oct. 01, 1986	to Sept. 30, 2001
02464360	Binion Creek below Gin Creek near Samantha	57.0	Oct. 01, 1986	to Sept. 30, 2001
02464500	North River near Tuscaloosa	372	Dec. 01, 1951	to Dec. 31, 1968
02465000	Black Warrior River at Oliver Lock and Dam at Northport	4,820	Jan. 01, 1895	to Dec. 31, 1902
			Aug. 01, 1928	to Sept. 30, 2001
02465080	Mill Creek at Cloverdale Road near Northport	11.4	Apr. 26, 1996	to Sept. 30, 1998
02465200	Lake Creek near Northport	3.71	Nov. 01, 1956	to Sept. 30, 1970
02465205	Jay Creek near Coker	3.65	Oct. 01, 1963	to Sept. 30, 1968
			Apr. 26, 1996	to Sept. 30, 1998
02465400	Big Sandy Creek at Duncanville	55.9	Aug. 01, 1956	to Sept. 30, 1960
02465493	Elliotts Creek near Moundville	32.3	Oct. 01, 1976	to Sept. 30, 2001
02465500	Five Mile Creek near Greensboro	73.6	Oct. 01, 1954	to Sept. 30, 1971
02466000	Black Warrior River near Eutaw	5,792	June 01, 1932	to Sept. 30, 1955
			Feb. 01, 1956	to Apr. 30, 1956
			Jan. 01, 1957	to Apr. 30, 1957
02466030	Black Warrior River at Selden Lock and Dam near Eutaw	5,810	Oct. 01, 1976	to Sept. 30, 2001
02466500	Big Prairie Creek near Gallion	171	Feb. 01, 1940	to Sept. 30, 1952
02467000	Tombigbee River at Demopolis Lock and Dam near Coatopa	15,385	Aug. 01, 1928	to Sept. 30, 2001
02467500	Sucarnoochee River at Livingston	607	Oct. 01, 1938	to Sept. 30, 2001
02468000	Alamuchee Creek near Cuba	62.3	Aug. 01, 1954	to Sept. 30, 1967
02468500	Chickasaw Bogue near Linden	257	Jan. 01, 1944	to Sept. 30, 1946
			Oct. 01, 1965	to Sept. 30, 1988
02469000	Kinterbish Creek near York	90.9	Aug. 01, 1954	to Sept. 30, 1967
02469500	Tuckabum Creek near Butler	115	Oct. 01, 1954	to Sept. 30, 1970
02469550	Horse Creek near Sweetwater	60.4	Oct. 01, 1959	to Sept. 30, 1970
02469600	Bashi Creek near Campbell	76.6	Oct. 01, 1959	to Sept. 30, 1964
02469700	Okatuppa Creek at Gilbertown	148	Oct. 01, 1956	to Sept. 30, 1969
02469761	Tombigbee River at Coffeeville Lock and Dam near Coffeeville	18,417	Oct. 01, 1960	to Sept. 30, 2001
02469800	Satilpa Creek near Coffeeville	164	Oct. 01, 1956	to Sept. 30, 1970
			Oct. 01, 1974	to Sept. 30, 2001
02470000	Tombigbee River near Leroy	18,965	Oct. 01, 1928	to Sept. 30, 1960
02470072	Bassett Creek at U.S. Highway 43 near Thomasville	10.5	Oct. 01, 1995	to Sept. 30, 2001
02470100	East Bassett Creek at Walker Springs	195	Oct. 01, 1956	to Sept. 30, 1970
02470500	Mobile River at Mount Vernon	42,867	Oct. 01, 1953	to Jan. 31, 1955
02471000	Chickasaw Creek near Whistler	123	Oct. 01, 1951	to Sept. 30, 1968
02471001	Chickasaw Creek near Kushla	125	Oct. 01, 1968	to Sept. 30, 2001
0247100550	Eightmile Creek at Mobile	23.2	Oct. 01, 1996	to Sept. 30, 2000
02471013	Threemile Creek at Zelgler Boulevard at Spring Hill	10.4	Dec. 03, 1999	to Sept. 30, 2001
02471065	Montlmar Creek at U.S. Highway 90 at Mobile	7.28	June 01, 1962	to Sept. 30, 1967
			Oct. 01, 1974	to Sept. 30, 1983
02471078	Fowl River at Half Mile Road near Laurendine	16.5	Mar. 09, 1995	to Sept. 30, 2001
02479431	Pond Creek near Deer Park	20.4	Oct. 01, 1976	to Sept. 30, 1999
02479500	Escatawpa River near Wilmer	511	Oct. 01, 1945	to Sept. 30, 1973
02479560	Escatawpa River near Agricola, MS	562	Oct. 01, 1973	to Sept. 30, 2001
02479960	Boggy Branch at County Road 5 near Wilmer	3.17	June 21, 1990	to Sept. 30, 1991
02479945	Big Creek at County Road 63 near Wilmer	31.5	June 22, 1990	to Sept. 30, 2001
02479948	Juniper Creek at Glenwood Road near Fairview	9.22	Aug. 03, 1990	to Sept. 30, 1992
02479950	Collins Creek at Glenwood Road near Fairview	8.54	Aug. 29, 1990	to Sept. 30, 1992
02479955	Long Branch near Wilmer	2.85	June 20, 1990	to Sept. 30, 1991
02479980	Crooked Creek near Fairview	8.08	June 22, 1990	to Sept. 30, 2001
02480000	Big Creek near Mobile	84.0	Dec. 01, 1944	to Sept. 30, 1950
02480002	Hamilton Creek at Snow Road near Semmes	8.22	June 21, 1990	to Sept. 30, 2001
03568000	Tennessee River at Chattanooga, TN	21,400	Apr. 01, 1874	to Sept. 30, 2001
03568715	Dixie Brown Spring near Valley Head	--	Oct. 01, 1967	to Sept. 30, 1971
03572110	Crow Creek at Bass	131	May 22, 1975	to Sept. 30, 1996
03572900	Town Creek near Geraldine	141	Oct. 01, 1957	to Sept. 30, 1980
03573000	Short Creek near Albertville	91.6	June 01, 1945	to Sept. 30, 1953
03573182	Scarham Creek near McVillie	50.0	Oct. 01, 1998	to Sept. 30, 2001
03573500	Tennessee River at Guntersville	24,340	May 01, 1930	to Sept. 30, 1938

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record	
03574500	Paint Rock River near Woodville	320	Jan. 01, 1936	to Sept. 30, 2001
0357479650	Hester Creek near Plevna	33.0	Oct. 01, 1998	to Sept. 30, 2001
03575000	Flint River near Chase	342	May 01, 1930	to Sept. 30, 1981
			Oct. 01, 1982	to Dec. 31, 1994
03575100	Flint River near Brownsboro	375	Oct. 01, 1998	to Sept. 30, 2001
03575500	Tennessee River at Whitesburg	25,610	Oct. 01, 1924	to Sept. 30, 1936
			Mar. 01, 1937	to Sept. 30, 1997
			Oct. 01, 1999	to Sept. 30, 2001
03575700	Aldridge Creek near Farley	14.1	Jan. 01, 1961	to Feb. 29, 1964
03575830	Indian Creek near Madison	49.0	Oct. 01, 1959	to Sept. 30, 1966
			Oct. 01, 1975	to Sept. 30, 2001
03576000	Huntsville Spring Branch at Patton Road near Huntsville	41.8	Dec. 01, 1928	to Mar. 31, 1932
03576148	Cotaco Creek at Florette	136	Jan. 01, 1966	to Sept. 30, 1980
03576250	Limestone Creek near Athens	119	Oct. 01, 1939	to Sept. 30, 1970
			Oct. 01, 1994	to Sept. 30, 2001
03576400	Piney Creek near Athens	55.8	Oct. 01, 1959	to Sept. 30, 1968
03576500	Flint Creek near Falkville	86.3	Aug. 01, 1952	to Sept. 30, 1970
			Oct. 01, 1992	to Sept. 30, 1999
03576800	Blowing Springs Branch near Wrens	1.27	June 01, 1963	to Oct. 19, 1964
			Mar. 04, 1965	to Sept. 30, 1965
03576810	Elam Creek near Wren	6.69	June 01, 1963	to Sept. 30, 1967
03577000	West Flint Creek near Oakville	87.6	Sept. 01, 1952	to Sept. 30, 1957
			June 01, 1963	to Oct. 19, 1964
			Mar. 04, 1965	to Sept. 30, 1965
			Oct. 01, 1992	to Sept. 30, 1998
03584600	Elk River at Prospect, TN	1,805	July 01, 1904	to Feb. 29, 1908
			Jan. 01, 1919	to Sept. 30, 1994
03585300	Sugar Creek near Good Springs	152	Oct. 01, 1957	to Sept. 30, 1969
03585305	Ridgeway Mill Spring at Good Springs	--	Dec. 01, 1968	to Sept. 30, 1972
03585500	Elk River near Rogersville	2,239	Oct. 01, 1927	to Dec. 31, 1935
03586500	Big Nance Creek at Courtland	166	Sept. 01, 1935	to Sept. 30, 1940
			Apr. 01, 1945	to Sept. 30, 1981
			Mar. 01, 1988	to Sept. 30, 2001
03587000	Big Nance Creek at Red Bank	188	Aug. 01, 1935	to Sept. 30, 1940
03588500	Shoal Creek at Iron City, TN	348	July 01, 1925	to Sept. 30, 1994
03589250	Pond Creek near Wilson Dam	13.7	Aug. 01, 1949	to Sept. 30, 1970
03589500	Tennessee River at Florence	30,810	Oct. 01, 1894	to Sept. 30, 1997
			Oct. 01, 1999	to Sept. 30, 2001
03590000	Cypress Creek near Florence	209	June 01, 1934	to Sept. 30, 1953
03590500	Tuscumbia Spring at Tuscumbia	--	Dec. 01, 1928	to Mar. 31, 1930
			Jan. 01, 1956	to Sept. 30, 1966
03591800	Bear Creek near Hackleburg	143	Oct. 01, 1956	to Sept. 30, 1979
			Oct. 01, 1980	to Sept. 30, 1981
03592000	Bear Creek near Red Bay	263	Oct. 01, 1913	to May 31, 1920
			Oct. 01, 1958	to Sept. 30, 1967
			Mar. 01, 1969	to Sept. 30, 1981
03592200	Cedar Creek near Pleasant Site	189	Oct. 01, 1957	to Sept. 30, 1977
03592300	Little Bear Creek near Halltown	78.2	Oct. 01, 1957	to Sept. 30, 1977
03592500	Bear Creek at Bishop	667	Oct. 01, 1926	to May 31, 1928
			Mar. 01, 1929	to Mar. 31, 1932
			Oct. 01, 1933	to Sept. 30, 1979

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER STAGE STATIONS

The following list contains discontinued and currently operated continuous-record stage stations located on surface-water sites on streams within the State of Alabama and near its border with adjacent States. Daily gage heights or elevations were collected and published for the periods of record shown for each station. Some stations have record collected and published by other agencies, such as National Weather Service, Tennessee Valley Authority, or U.S. Corps of Engineers, for additional periods other than those noted in period of record column.

Station no.	Station name	Drainage area (mi ²)	Period of record (water years)
02339500	Chattahoochee River at West Point, GA	3,550	1971-01
02339780	Chattahoochee River at Langdale	3,630	1983-92
02341500	Chattahoochee River at Columbus, GA	4,670	1971-01
0234296910	Chattahoochee River at Coast Guard Dock at Eufaula	6,730	1990-01
02361000	Choctawhatchee River near Newton	686	1972-01
02361500	Choctawhatchee River near Bellwood	1,280	2001
02362000	Choctawhatchee River near Geneva	1,346	1972-97
02364000	Pea River at Elba	959	1972-01
02372422	Conecuh River below Point "A" Dam at River Falls	1,273	1999-01
02372430	Conecuh River at River Falls	1,277	1972-96
02373800	Sepulga River at Brooklyn	1,020	1976-81
02374250	Conecuh River at State Highway 41 at Brewton	2,661	1972-97, 1999-01
02374700	Murder Creek at Brewton	435	1999-01
02374745	Burnt Corn Creek at State Highway 41 near Brewton	182	1999-01
02378550	Fish River near Magnolia Springs	152	1989-97
02378565	Weeks Bay at Beckwith Lodge near Magnolia Springs	200	1986-97
02399500	Coosa River at Leesburg	5,270	1988-01
02400496	Coosa River at Gadsden Steamplant near Gadsden	5,800	1995-01
02400500	Coosa River at Gadsden	5,805	1972-01
02407000	Coosa River at Childersburg	8,392	1995-01
02407526	Coosa River at Gaston Steamplant near Wilsonville	8,588	1994-01
02411600	Coosa River at Wetumpka	10,148	1972-01
02414500	Tallapoosa River at Wadley	1,675	1972-01
02419500	Tallapoosa River at Milstead	3,770	1972-77, 1981-83, 1998-01
02419890	Tallapoosa River near Montgomery	4,646	1973-01
02419988	Alabama River at Montgomery	15,023	1972-01
02420000	Alabama River near Montgomery	15,087	2000-01
02421351	Alabama River below Robert F. Henry Lock and Dam near Benton	16,233	1972-97
02423000	Alabama River at Selma	17,095	1972-01
02423390	Cahaba River at BWB Pump Station near Cahaba Heights	145	1984-91
02423409	Lake Purdy near Cahaba Heights	42.7	1985-91
02424000	Cahaba River at Centreville	1,027	1972-01
02425000	Cahaba River near Marion Junction	1,766	1972-82
02427506	Alabama River at Millers Ferry Lock and Dam near Camden	20,637	1972-97
02428401	Alabama River below Claiborne Lock and Dam near Monroeville	21,473	1972-01
02444500	Tombigbee River near Cochrane	5,940	1982-01
02449000	Tombigbee River at Gainesville	8,632	1972-78
02449500	Tombigbee River at Epes	8,930	1990-97
02449840	Duck River near Berlin	37.1	1998-01
02453500	Mulberry Fork at Cordova	1,916	1972-01
02462501	Black Warrior River below Bankhead Lock and Dam near Bessemer	3,981	1972-01
02462952	Black Warrior River below Holt Lock and Dam near Holt	4,219	1972-01
02464800	Lake Tuscaloosa near Tuscaloosa	416	1983-01
02465005	Black Warrior River below Oliver Lock and Dam at Tuscaloosa	4,821	1972-01
02466031	Black Warrior River below Selden Lock and Dam near Eutaw	5,810	2000-01
02466040	Black Warrior River below Selden Lock near Sawyerville	5,838	1972-99
02467001	Tombigbee River below Demopolis Lock and Dam near Coatopa	15,385	1972-01
02469525	Tombigbee River near Nanafalia	17,487	1990-01
02469762	Tombigbee River below Coffeeville Lock and Dam near Coffeeville	18,417	1972-01
02470500	Mobile River at Mount Vernon	42,867	1983-87
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	10.4	2000-01
0247101490	Threemile Creek at Stanton Road at Mobile	19.2	1999-01
02471016	Threemile Creek at U.S. Highway 43 near Prichard	28.1	2000-01
02480004	Hamilton Creek (Big Creek Lake Intake) near Semmes	105	1990-93
03575500	Tennessee River at Whitesburg	25,610	1998-01
03577150	Tennessee River at Decatur	26,900	1991-01
03589500	Tennessee River at Florence	30,810	1998-01
03590680	Tennessee River at Smithsonia	31,350	1999-01

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER-QUALITY STATIONS

The following list contains discontinued and currently operated continuous-record surface-water-quality stations located on streams within the State of Alabama and near its border with adjacent States. Daily records were collected and published for the parameters (including water temperature [temp], specific conductance [s.c.], pH, dissolved oxygen [d.o.], turbidity [turb], dissolved solids [d.s.], and suspended sediment [s.s.]) and water years shown in the appropriate columns. This list was compiled using annual data reports.

Station number	Station name	Drainage area (mi ²)	Type of record	Period of record (water years)
02339225	Wehadkee Creek below Rock Mills	60.2	temp	1978-82
02339550	Chattahoochee River at Lanett	3,550	temp	1978-82
02361000	Choctawhatchee River near Newton	686	temp, s.c., d.s.	1964-82
02363000	Pea River near Arton	498	s.c., d.s.	1970, 1975
02367800	Yellow Creek near Wing	461	temp	1965-67
02369800	Blackwater River near Bradley	87.7	temp	1968-69
02371200	Indian Creek near Troy	8.87	temp	1971-82
02371500	Conecuh River at Brantley	500	temp, s.c., d.s.	1964-82
02372422	Conecuh River below Point "A" Dam near River Falls	1,270	temp, s.c., d.o.	1992-93
02400500	Coosa River at Gadsden	5,805	temp	1963-79
02401390	Big Canoe Creek at Ashville	141	s.c., d.s.	1970-76
02401700	Ohatchee Creek at Reads	39.7	temp	1959
02401800	Tallahatchee Creek at Wellington	92.2	temp	1958-60
02407000	Coosa River at Childersburg	8,390	temp	1962-82
02408500	Hatchet Creek near Rockford	233	s.c., d.s.	1970-76
02409502	Coosa River near Verbena	9,830	temp, pH, s.c., d.o., turb	1974-76
02411600	Coosa River at Wetumpka	10,148	temp	1963-67
02419000	Uphapee Creek near Tuskegee	333	s.c.	1970, 1975-76
02420000	Alabama River near Montgomery	15,087	temp, s.c.	1975-81
02423000	Alabama River at Selma	17,095	temp	1962-82
02423130	Cahaba River at Trussville	19.7	temp, s.c., d.o.	1989-01
02423380	Cahaba River near Mountain Brook	140	temp, s.c.	1987-99
02423390	Cahaba River at BWWB Pump Station near Cahaba Heights	145	temp, s.c.	1987-91
02423397	Little Cahaba River below Leeds	17.0	temp, s.c., d.o.	1995-01
02423398	Little Cahaba River near Leeds	19.4	temp, s.c., d.o.	1988-01
02423400	Little Cahaba River near Jefferson Park	24.4	temp, s.c.	1987-99
02423496	Cahaba River near Hoover	226	temp, s.c., d.o.	1989-01
02423630	Shades Creek near Greenwood	72.3	temp, s.c.	1969-81
02423647	Cahaba River near West Blocton	593	temp, s.c.	1980-81
02424000	Cahaba River at Centreville	1,027	s.c., d.s.	1970-76
02425200	Big Swamp Creek near Orrville	35.8	temp, s.c., pH, d.o., turb	1972-73
02425500	Cedar Creek at Minter	211	temp	1963-64
02429000	Limestone Creek near Monroeville	117	temp	1964-70
02428400	Alabama River at Claiborne L&D near Monroeville	21,473	temp, s.c.	1982-97
02429000	Limestone Creek near Monroeville	121	temp	1963-71
02429500	Alabama River at Claiborne	21,967	temp, s.c.	1966-68, 1974-81
02437810	Buttahatchee River above Pearces Mill	112	temp, s.c.	1980
02444500	Tombigbee River near Cochrane	5,940	temp, s.c.	1972-80
02445290	Sipsey River near Bazemore	138	temp, s.c.	1981
02449000	Tombigbee River at Gainesville	8,632	temp, s.c., d.s.	1963-89
02449775	Mulberry Fork near Holly Pond	110	temp, s.c.	1981
02450000	Mulberry Fork near Garden City	365	temp, s.c., d.s.	1970-76, 1980-81
02450180	Mulberry Fork near Arkadelphia	487	temp, s.c.	1981-82
02450215	Dorsey Creek below Arkadelphia	26.0	temp, s.c.	1979-81
02450825	Clear Creek at New Hope Church near Poplar Springs	101	temp, s.c.	1981
02453000	Blackwater Creek near Manchester	181	temp, s.c.	1981-82
02453835	Trinity Creek near Carbon Hill	2.68	temp, s.c.	1979-82
02454000	Lost Creek near Oakman	134	temp, s.c.	1981-82
02455000	Locust Fork near Cleveland	303	temp, s.c.	1960-61, 1981-82
02455500	Locust Fork at Trafford	624	temp, s.c.	1993-95
02455980	Turkey Creek at Sewage Plant near Pinson	27.4	temp, s.c., d.o.	1989-01
02456000	Turkey Creek at Morris	80.9	temp, s.s.	1976-77
02456050	Turkey Creek above Kimberly	84.0	temp, s.s.	1976-77
02456330	Crooked Creek near Morris	16.2	temp, s.c., s.s.	1976-77

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Type of record	Period of record (water years)
02456500	Locust Fork at Sayre	885	temp, s.c., d.s.	1970-76, 1980-81
02457595	Fivemile Creek near Republic	51.9	temp, s.c., d.o.	1989-01
02457670	Fivemile Creek below Prudes Creek near Graysville	91.7	temp, s.c., d.o.	1997-01
02458148	Village Creek at 86th Street North at Roebuck	4.10	temp, s.c., d.o.	2000-01
02458450	Village Creek at Ave. W at Ensley	33.5	temp, s.c., d.o., turb	1991-01
02458600	Village Creek near Docena	52.2	temp, s.c., d.o.	1996-01
02460500	Village Creek near Adamsville	83.5	temp, s.c.	1973-74, 1980-82
02460505	Village Creek at Porter	96.6	temp, pH, s.c., d.o., turb	1972-74
02461300	Valley Creek at U.S. Highway 11 at Birmingham	30.0	temp, s.c., d.o.	2000-01
02461500	Valley Creek near Bessemer	52.5	temp, s.c., d.o.	1988-98
02462000	Valley Creek near Oak Grove	148	temp, s.c.	1980-81
02462600	Blue Creek near Oakman	5.32	temp, s.c.	1978-83
02462840	Davis Creek near Antioch Church near Searles	87.3	temp, s.c.	1981-82
02462990	Yellow Creek near Northport	8.38	temp, s.c., s.s.	1977-83
02463500	Hurricane Creek near Holt	108	temp	1958-59
02463510	Hurricane Creek near Peterson	112	temp, s.c.	1980-81
02463587	North River near Bankston	46.2	temp, s.c.	1990-92
02463900	Bear Creek near Samantha	15.0	temp, s.c., s.s.	1976-82
02464000	North River near Samantha	223	temp, s.c., d.o., pH	1981, 1983-99
02464146	Turkey Creek near Tuscaloosa	6.16	temp, s.c.	1981-84, 1987-99
02464360	Binion Creek below Gin Creek near Samantha	57.0	temp, s.c.	1987-99
02464500	North River near Tuscaloosa	372	temp	1959-60
02464800	Lake Tuscaloosa near Tuscaloosa	416	temp, s.c., pH, d.o.	1983-95
02465000	Black Warrior River at Northport	4,820	temp, s.c., d.s.	1961-83
02465004	Black Warrior River at Oliver L&D, at Tuscaloosa	4,821	temp	1971-72
02466031	Black Warrior River below Selden Dam near Eutaw	5,810	temp, s.c.	1978-95
02465400	Big Sandy Creek at Duncanville	55.9	temp	1958-60
02468500	Chickasaw Bogue near Linden	257	s.c., d.s.	1970-76
02469730	Okatappa Creek near Barrytown	260	temp, s.c.	1965-66
02469762	Tombigbee River below Coffeeville L&D near Coffeeville	18,417	temp, s.c.	1975-97
02470040	Tombigbee River near Jackson	19,112	temp, s.c.	1963-75
02470629	Mobile River at City Intake near Bucks	43,000	temp, s.c.	1990-91
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	10.4	temp, s.c., d.o., turb	2000-01
0247101490	Threemile Creek at Stanton Road at Mobile	19.2	temp, s.c., d.o., turb	2000-01
02471016	Threemile Creek at U.S. Highway 43 near Prichard	28.1	temp, s.c., d.o., turb	2000-01
02479560	Escatawpa River near Agricola, MS	562	temp, s.c.	1980-86
02479945	Big Creek at County Road 63 near Wilmer	31.5	temp, s.c.	1990-93
02479948	Juniper Creek at Glenwood Road near Fairview	9.22	temp, s.c.	1990-92
02479950	Collins Creek at Glenwood Road near Fairview	8.54	temp, s.c.	1990-92
02479955	Long Branch near Wilmer	2.85	temp, s.c.	1991
02479960	Boggy Branch at County Road 5 near Wilmer	3.17	temp, s.c.	1990-91
02479980	Crooked Creek near Fairview	8.08	temp, s.c.	1990-92
02480002	Hamilton Creek at Snow Road near Semmes	8.22	temp, s.c.	1990-93
02480004	Hamilton Creek (Big Creek Lake Intake) near Semmes	105	temp, s.c.	1990-93
03571850	Tennessee River at South Pittsburg, TN	22,640	temp, s.c.	1975-81
03572375	Tennessee River near Bellefonte	23,340	temp	1976-82
03572900	Town Creek near Geraldine	141	temp	1968-73
03575000	Flint River near Chase	342	temp	1964-67, 1971-78
03576148	Cotaco Creek at Florette	136	temp	1980-83
03577150	Tennessee River at Decatur	26,900	temp	1970-78
03586500	Big Nance Creek at Courtland	166	temp	1980
03591800	Bear Creek near Hackleburg	143	temp	1965-73
03592200	Cedar Creek near Pleasant Site	189	temp	1963-72
03592250	Little Bear Creek near Glasgow	34.4	temp	1976-78
03592300	Little Bear Creek near Halltown	78.2	temp	1962-71
03592500	Bear Creek at Bishop	667	temp	1962-78

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS

The following list contains discontinued and currently operated partial-record and miscellaneous surface-water stations located on streams within the State of Alabama and near its border with adjacent States. Water-quality data were collected and published for parameters (including biological [biol], chemical [chem], and suspended sediment [sedi]) as shown in the type of record columns. The water years for which data were collected are shown in the period of record column. Physical or field parameters were collected and published for all stations for which water-quality data is obtained. Gaging and partial-record stations which only have miscellaneous specific conductance and temperature data are not included in this list. This list was compiled using annual data reports and does not include sites with data collected prior to 1961 water year.

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02339215	Wehadkee Creek near Rock Mills		X		1968
02339230	Cuss Creek near Roanoke		X		1965
02339495	Osillgee Creek near Lanett		X		1968
02339500	Chattahoochee River at West Point, GA	X			1968-69, 79-81, 84-96
			X		1968-70, 79-88, 90-96
				X	1981-84, 86-88
02339550	Chattahoochee River at Lanett	X			1980
			X		1978, 80
02339780	Chattahoochee River at Langdale		X		1978
02340750	Osanippa Creek near Fairfax		X		1965, 68
02340770	Osanippa Creek near Blanton		X		1969
02341030	Wacoochee Creek near Valley		X		1968
02341480	Mill Creek near Phenix City		X		1968
02341500	Chattahoochee River at Columbus, GA	X			1968-69
			X		1968-70
02342150	Uchee Creek near Seale		X		1968
02342200	Phelps Creek near Opelika		X		1968
02342280	Little Uchee Creek near Bleeker		X		1968
02342360	Little Uchee Creek near Crawford		X		1968
02342400	Little Uchee Creek near Seale		X		1968
02342500	Uchee Creek near Fort Mitchell		X		1968-71, 73, 82-83, 93-94
				X	1993-94
02342892	Hatchechubbee Creek near Pittsview		X		1968
02342897	Watermelon Creek near Pittsview		X		1968
02342899	Watermelon Creek at Pittsview		X		1968
02342920	North Fork Cowikee Creek near Glenville		X		1993-94
				X	1993-94
02342933	South Fork Cowikee Creek near Batesville		X		1964-65, 69, 71, 82-83
02342970	Chattahoochee River at Georgetown, GA		X		1964
02343040	Cheneyhatchee Creek near Georgetown, GA		X		1964
02343260	Chattahoochee River at Fort Gaines, GA		X		1964
02343275	Abbie Creek near Abbeville		X		1964, 69
02343292	Sandy Creek near Newville		X		1964
02343300	Abbie Creek near Haleburg		X		1964-65, 69, 71, 74, 84
02343370	Abbie Creek below Haleburg		X		1993
				X	1993
02343500	Chattahoochee River at Columbia		X		1964
02343700	Stevenson Creek near Headland		X		1964-65, 69
02343750	Omussee Creek at Columbia		X		1964, 93-94
				X	1994
02343801	Chattahoochee River near Columbia	X			1983-96
			X		1970, 83-96
				X	1983-96
02344000	Chattahoochee River at Alaga	X			1968-69
			X		1964, 68-69, 71-74
02358770	Big Creek near Madrid		X		1964
0235878075	Cowarts Creek above Cottonwood		X		1994
				X	1994
02359975	Lindsey Creek near Clayton		X		1964
02360000	West Fork Choctawhatchee River at Blue Springs		X		1964, 69
02360002	Blue Spring at Blue Springs		X		1971
02360275	Judy Creek near Ozark		X		1964
02360280	Judy Creek near Ozark		X		1969
02360300	East Fork Choctawhatchee River near Edwin		X		1964
02360500	East Fork Choctawhatchee River near Midland City		X		1964, 69
02361000	Choctawhatchee River near Newton		X		1964-66, 69, 71-83
02361075	Kelly Spring near Dothan		X		1977
02361150	Little Choctawhatchee River near Dothan		X		1964
02361175	Choctawhatchee River near Wicksburg		X		1964
02361250	Hurricane Creek near Hartford		X		1964
02361350	Bear Creek near Ozark		X		1964
02361375	Claybank Creek near Daleville		X		1964
02361400	Claybank Creek at Clayhatchee		X		1964

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02361500	Choctawhatchee River near Bellwood		X		1964
02362000	Choctawhatchee River near Geneva		X		1964
02362200	Double Bridges Creek near Enterprise		X		1964
02362500	Double Bridges Creek at Geneva		X		1964
02362590	Johnson Creek near Midway		X		1964
02362638	Indian Creek at Pickett		X		1964
02362640	Pea River near Perote		X		1964
02362700	Pea Creek near Clayton		X		1964
02362750	Pea Creek near Louisville		X		1964
02362775	Buckhorn Creek near Josie		X		1964
02362790	Pea River near Brundidge		X		1964
02362800	Branch Creek near Clio		X		1964
02362810	Big Creek near Clio		X		1964
02362850	Richland Creek near Brundidge		X		1964
02363000	Pea River near Arlton		X		1964-65, 69, 72-83
02363100	Pea River near Elba		X		1964
02363200	Whitewater Creek near Brundidge		X		1964
02363300	Whitewater Creek near Arcus		X		1964
02363400	Big Creek near Arcus		X		1964
02363500	Whitewater Creek at Elba		X		1964
02364000	Pea River at Elba		X		1964
02364500	Pea River near Samson		X		1964-65, 69, 72
02364700	Flat Creek near Samson		X		1964
02364900	Sandy Creek near Geneva		X		1964
02365000	Pea River near Geneva		X		1964
02367480	Lightwood Knot Creek near Opp		X		1964
02367500	Lightwood Knot Creek at Babbie		X		1964, 69
02367600	Indian Creek near Opp		X		1969
02367700	Five Runs Creek near Andalusia		X		1964, 69
02367800	Yellow River near Wing		X		1964-65, 69
02369725	Blackwater Creek near Falco		X		1969
02369738	Blackwater Creek at Bradley		X		1969
02369755	Panther Creek near Falco		X		1969
02369764	Panther Creek at Bradley		X		1969
02369775	Bear Creek near Dixie		X		1969
02369798	Bear Creek at Bradley		X		1969
02369800	Blackwater River near Bradley	X			1978, 85-96
			X		1964, 69, 71, 77-83, 85-96
				X	1985-95
02370800	Conecuh River at Boswell		X		1964
02370900	Conecuh River near Corcoran		X		1964
02371000	Conecuh River near Troy		X		1964
02371200	Indian Creek near Troy		X		1964-65, 69, 71, 82-83
02371300	Conecuh River at Goshen		X		1964
02371380	Conecuh River at Glenwood		X		1964
02371500	Conecuh River at Brantley		X		1964-69, 71-83
02371505	Dry Creek at Brantley		X		1964
02371600	Conecuh River at Dozier		X		1964
02371701	Conecuh River at Gantt		X		1964
02371850	Patsaliga Creek near Petrey		X		1964
02371950	Patsaliga Creek at Patsburg		X		1964
02371975	Patsaliga Creek near Luverne		X		1964
02372000	Patsaliga Creek at Luverne		X		1964
02372100	Little Patsaliga Creek at Honoraville		X		1964, 69
02372150	Little Patsaliga Creek near Rutledge		X		1964
02372250	Patsaliga Creek near Brantley		X		1964, 82-83
02372300	Patsaliga Creek near Boston		X		1964
02372350	Patsaliga Creek near Gantt		X		1964
02372400	Buck Creek near Red Level		X		1964, 69
02372430	Conecuh River at River Falls		X		1964
02372500	Conecuh River near Andalusia		X		1964-65, 69
02372690	Long Creek near Garland		X		1964
02372700	Sepulga River near Garland		X		1964
02372740	Persimmon Creek near Greenville		X		1964
02372800	Stallings Creek near Greenville		X		1964
02372880	Persimmon Creek near McKenzie		X		1964
02372900	Oaklog Creek near Georgiana		X		1964
02372920	Persimmon Creek at Garland		X		1964
02373000	Sepulga River near McKenzie		X		1964-65, 69, 77-83
02373100	Pigeon Creek near Spring Hill		X		1964
02373180	Pigeon Creek near Greenville		X		1964
02373300	Pigeon Creek near Pigeon Creek		X		1964

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02373500	Pigeon Creek near Thad		X		1964-65, 69
02373700	Sepulga River near Brooklyn		X		1964
02373800	Sepulga River at Brooklyn		X		1978-83
02374000	Conecuh River near Brooklyn		X		1964, 69
02374250	Conecuh River near Brewton		X		1964
02374500	Murder Creek near Evergreen		X		1964-65, 69, 71-80, 82-83
02374600	Murder Creek at Castleberry		X		1964
02374700	Murder Creek at Brewton		X		1964
02374715	Burnt Corn Creek near Belleville		X		1964
02374730	Bushy Creek near Range		X		1964
02374750	Burnt Corn Creek at Brewton		X		1964
02374760	Conecuh River near Pollard		X		1964, 71
02374796	Little Escambia Creek below Chavers Creek near Pollard		X		1964, 66, 70-73
02374797	Tributary to Little Escambia Creek near Pollard		X		1972-73
02374798	Little Escambia Creek below Pollard Oil Field		X		1964, 66-73
02374800	Little Escambia Creek near Pollard		X		1964, 66-73
02374900	Big Escambia Creek near Robinsonville		X		1964
02375000	Big Escambia Creek at Flomaton		X		1964, 69
02375500	Escambia River near Century, FL	X	X		1982-94
				X	1982-94
02376220	Perdido River at U.S. Highway 31 near Atmore	X			1994
			X		1994
02376240	Dyas Creek near Dyas	X			1994
			X		1967, 94
02376245	McCurtin Creek near Bay Minette		X		1969
02376270	Brushy Creek near Atmore		X		1964
02376500	Perdido River at Barrineau Park, FL	X			1978-99
			X		1967, 69, 72-99
				X	1978-94
02377200	Styx River near Stapleton		X		1969
02377300	Styk River at Brady Road below Stapleton	X			1993-94
			X		1993-94
				X	1993-94
02377500	Styx River near Loxley	X			1993-96
			X		1966-67, 69, 71, 93-96
				X	1994
02377505	Hollinger Creek near Bay Minette		X		1969
02377540	Hollinger Creek at Brady Road near Stapleton	X			1993-94
			X		1993-94
				X	1994
02377550	Hollinger Creek near Gateswood		X		1967
02377920	Blackwater River at U.S. Highway 90 near Robertsedale	X			1994
			X		1994
02377960	Blackwater River near Elsanor	X			1994-96
			X		1994-96
02377975	Blackwater River above Seminole		X		1967
02378150	Sandy Creek at U.S. Highway 98 near Elberta	X			1994-95
			X		1994-95
02378170	Wolf Creek near Elberta	X			1994
			X		1994
02378176	Wolf Creek at County Road 20 near Mifflin	X			1994
			X		1994
02378177	Mifflin Creek at U.S. Highway 98 at Elberta	X			1994-95
			X		1994-95
0237817725	Wolf Bay at Orange Beach	X			1994
			X		1994
02378195	Bon Secour River at County Road 12 near Foley	X			1994
			X		1994
0237819550	Boggy Branch at State Highway 59 near Gulf Shores	X			1994
			X		1994
02378300	Magnolia River at US 98 near Magnolia Springs	X			1994-96
			X		1967, 94-96
02378330	Magnolia River at mouth at Weeks Bay	X			1994
			X		1994
02378375	Fish River at Interstate 10 near Loxley	X			1993-94
			X		1993-94
				X	1994
02378400	Fish River at U.S. 90 near Loxley	X			1993
			X		1993
				X	1994

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02378410	Fish River near Daphne		X		1967
002378500	Fish River near Silver Hill	X			1993-96
			X		1966-67, 69, 71-72, 93-96
				X	1993-94
02378530	Polecat Creek at County Road 9 near Marlow	X			1994
			X		1994
02378540	Cowpen Creek at County Road 33 near Clay City	X			1994, 96
			X		1994, 96
02378590	Fly Creek at U.S. Highway 98 near Fairhope	X			1994
			X		1994
02378600	Rock Creek at U.S. Highway 98 near Fairhope	X			1994
			X		1994
02378770	D'Olive Creek at U.S. Highway 90 near Bridgehead	X			1994
			X		1994
02378800	D'Olive Creek at U.S. Highway 98 near Daphne	X			1994
			X		1994
02397680	Spring Creek near Bomar		X		1967
02398300	Chattooga River above Gaylesville	X			2000-01
			X		1966-68, 72, 74, 99-01
				X	1999-01
02398500	Chattooga River at Gaylesville		X		1967
02398580	Middle Fork Little River near Valley Head		X		1977
02398865	West Fork Little River at Taylor Ford near Valley Head		X		1977
02398880	West Fork Little River near Fort Payne		X		1967
02399000	Little River near Jamestown		X		1966-68
02399200	Little River near Blue Pond		X		1966-68, 71, 73-75, 77-83
				X	1979-80
02399205	Congo Spring near Blanche		X		1977
02399500	Coosa River at Weiss Dam at Leesburg		X		1967-68
02399800	Little Terrapin Creek near Borden Springs		X		1966, 68
02400000	Terrapin Creek near Piedmont		X		1967
02400100	Terrapin Creek at Ellisville		X		1966-68, 84
02400500	Coosa River at Gadsden	X			1972-73
			X		1965-67, 69-73
02400675	Unnamed tributary to Big Wills Creek at State Highway 35 near Fort Payne	X			2000-01
			X		2000-01
				X	2000-01
02400680	Big Wills Creek near Collinsville		X		1967
02400725	Mush Creek near Portersville	X			2000-01
			X		2000-01
				X	2000-01
02400750	Big Wills Creek near Collinsville		X		1967
02400800	Little Wills Creek at Collins Chapel Road at Collinsville	X			2000-01
			X		2000-01
				X	2000-01
02401000	Big Wills Creek near Reece City	X			1978
			X		1965-67, 73, 75-83
02401093	Black Creek near Reece City		X		1967, 79
				X	1979
02401100	Black Creek near Gadsden		X		1967
02401180	Big Wills Creek at Gadsden		X		1967
02401350	Big Canoe Creek at Canoe Creek Road near Springfield	X			2000-01
			X		2000-01
				X	2000-01
02401355	Unnamed tributary to Big Canoe Creek near Springfield	X			2000-01
			X		2000-01
				X	2000-01
02401370	Big Canoe Creek near Springville		X		1967-68, 82-83
02401387	Muckleroy Spring near Whitney		X		1971
02401390	Big Canoe Creek at Ashville		X		1966-68, 71-83
02401500	Big Canoe Creek near Gadsden		X		1965-68
02401590	Shoal Creek near Ragland		X		1967-68, 79, 81
				X	1979, 81
02401650	Webster Chapel Spring near Webster Chapel		X		1977
02401700	Ohatchee Creek at Reeds		X		1967
02401745	Big Spring at Jacksonville		X		1975
02401749	Williams Branch near Jacksonville	X			2000-01
			X		2000-01
				X	2000-01
02401760	Little Tallassee hatchee Creek near Weaver	X			2000-01
			X		2000-01
				X	2000-01
02401800	Tallahatchee Creek near Wellington		X		1967

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02401895	Ohatchee Creek at Ohatchee		X		1967
02401915	Cane Creek at Francis Mill		X		1967
02401990	Broken Arrow Creek near Pell City		X		1967-68
02402500	Coosa River at Riverside		X		1968
02403135	Choccolocco Creek near White Plains		X		1967
02403200	Choccolocco Creek at Choccolocco		X		1967
02403380	Snow Creek below Anniston	X			2000-01
			X		2000-01
				X	2000-01
02403500	Coldwater Spring near Anniston		X		1973
02404000	Choccolocco Creek near Jenifer		X		1966-68, 71
02404235	Cheaha Creek near McElderry		X		1967-68
02404245	Cheaha Creek near Talladega		X		1968
02404400	Choccolocco Creek at Jackson Shoals near Lincoln		X		1965-68, 74, 77-83
02405325	Wolf Creek near London		X		1967-68
02405500	Kelly Creek near Vincent		X		1965-69, 72, 74, 79-82
				X	1979-81
02405800	Talladega Creek above Talladega		X		1965-69
02406000	Talladega Creek near Talladega		X		1972
02406500	Talladega Creek at Alpine		X		1967-68, 72
02406920	Tallassee-hatchee Creek near Sylacauga		X		1967-68
02406930	Shirtee Creek near Odena	X			2000-01
			X		2000-01
				X	2000-01
02406990	Tallassee-hatchee Creek near Childersburg		X		1967-68
02407000	Coosa River at Childersburg	X			1972-73
			X		1965-82
02407470	North Fork Yellowleaf Creek at Chelsea		X		1967-68
02407500	Yellowleaf Creek near Wilsonville		X		1965-69, 80-82
				X	1980-81
02407520	Yellowleaf Creek at Wilsonville		X		1967-68
02407620	Cedar Creek at Fayetteville		X		1967-68
02407660	Kawahatchee Spring Creek near Shelby		X		1967
02407710	Waxahatchee Creek near Shelby		X		1967-68
02407900	Paint Creek near Marble Valley		X		1968-69
02408010	Yellowleaf Creek near Clayton		X		1965, 68
02408030	Yellowleaf Creek near Lay Dam near Clanton		X		1968
02408170	Walnut Creek near Clayton		X		1968
02408325	Hatchet Creek near Brownsville		X		1968
02408340	Little Hatchet Creek near Goodwater		X		1968
02408350	Hatchet Creek near Goodwater		X		1968
02408450	Socapatoy Creek near Socapatoy		X		1968
02408500	Hatchet Creek near Rockford		X		1968-69, 71-79
02408540	Hatchet Creek below Rockford		X		1982-84
02408600	Swamp Creek at Salter		X		1968
02409000	Weogufka Creek near Weogufka		X		1968
02409500	Coosa River at Mitchell Dam near Verbena		X		1968
02409502	Coosa River near Verbena		X		1974
02409510	Chestnut Creek at Verbena		X		1968
02409680	Shoal Creek near Holtville		X		1968
02410000	Paterson Creek near Central		X		1968, 72, 74, 77
02410040	Sofkahatchee Creek near Weoka		X		1968
02411000	Coosa River at Jordan Dam near Wetumpka		X		1972-73, 75-83
02411600	Coosa River at Wetumpka		X		1968-69
02412000	Tallapoosa River near Heflin	X			1969-73
			X		1965-66, 68-74, 77-83
02412065	Cane Creek near Heflin		X		1968
02412210	Tallapoosa River near Belltown		X		1968
02412290	Chulafinee Creek at Hollis		X		1968
02412300	Tallapoosa River near Hollis		X		1968
02412500	Tallapoosa River near Ofelia		X		1968
02413280	Lost Creek at Ranburne		X		1968
02413300	Little Tallapoosa River near Newell		X		1968, 82-83
02413400	Wedowee Creek above Wedowee		X		1968
02413475	Wedowee Creek near Wedowee		X		1968
02413500	Little Tallapoosa River near Wedowee		X		1968
02413800	Fox Creek near Lineville		X		1968
02414030	Crooked Creek at Cragford		X		1968
02414500	Tallapoosa River at Wadley	X			1970-73
			X		1965, 68-73, 77-83
02414580	High Pine Creek at Abanda		X		1968
02414595	Chickasanoxee Creek at Milltown		X		1968

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02414670	Chatahospee Creek near Lafayette		X		1968
02414720	Emuckfaw Creek near Hamlet		X		1968
02414770	Enitachopca Creek at Bluff Springs		X		1968
02414790	Little Hillabee Creek near Millerville		X		1968
02414800	Harbuck Creek near Hackneyville		X		1968
02415000	Hillabee Creek near Hackneyville		X		1965-66, 68-71
02415270	Town Creek near Alexander City		X		1968
02415500	Hillabee Creek near Alexander City		X		1968
02416480	Sandy Creek near Dadeville		X		1968
02418040	Channahatchee Creek near Kent		X		1968
02418170	Pepperall Branch near Opelika		X		1969
02418200	Sougahatchee Creek near Auburn		X		1968
02418264	Sougahatchee Creek above Reeltown		X		1968
02418500	Tallapoosa River below Tallassee	X			1969-73
			X		1968-73, 75-83
02418750	Chewala Creek near Auburn		X		1968
02418770	East Fork Parkerson Mill Creek near Auburn		X		1969
02418775	Parkerson Mill Creek near Auburn		X		1968
02418970	Choclafula Creek near Tuskegee		X		1971
02419000	Uphapee Creek near Tuskegee		X		1968-69, 71-83
02419300	Uphapee Creek at Franklin		X		1968
02419625	Calebee Creek near Tuskegee		X		1971
02419650	Cubahatchee Creek near Fort Davis		X		1964
02419670	Cubahatchee Creek near Shorter		X		1968
02419800	Line Creek near Shorter		X		1968
02419840	Chubbehatchee Creek near Ware		X		1968
02419849	Highway runoff to Jenkins Creek near Montgomery	X			1992-93
			X		1992-93
				X	1992-93
02419886	Pipe from apartments into Mont-East Ditch at Montgomery	X			1992-93
			X		1992-93
				X	1992-93
02419890	Tallapoosa River near Montgomery		X		1971-81
02419893	Tallapoosa River at U.S. Highway 231 near Montgomery		X		1971
02419930	Mortar Creek near Deatsville		X		1968
02419935	South Mortar Creek near Deatsville		X		1968
02419952	Cottonford Creek near Elmore		X		1968
02419977	Threemile Branch at North Boulevard at Montgomery	X			2000-01
			X		1999-01
				X	1999-01
0241998910	Tributary to Sevenmile Creek tributary at Gunter Park at Montgomery	X			1992-93
			X		1992-93
				X	1992
0241998745	Pipe from Eastdale Mall parking to Eastdale Ditch at Montgomery	X			1992-93
			X		1992-93
				X	1992-93
0241998978	Childrens Zoo Ditch tributary at Montgomery	X			1992-93
			X		1992-93
				X	1992-93
0241998810	Civic Center Pipe at Montgomery	X			1992-93
			X		1992-93
				X	1992-93
02420000	Alabama River near Montgomery	X			1972-73, 75-92
			X		1968-73, 75-92
				X	1975-98,01
02420270	Autauga Creek near White City		X		1968
02420290	Autauga Creek at County Road 10 near Booth	X			1995
			X		1995
02420345	Bridge Creek at County Road 10 near Prattville	X			1995
			X		1968, 95
02420500	Autauga Creek at Prattville	X			1995
			X		1971, 95
02420855	Tributary to Camp Creek at Montgomery	X			1992-93
			X		1992-93
				X	1992
02421000	Catoma Creek near Montgomery		X		1968-69, 71-83
02421115	Pintialla Creek at Liberty Church Road near Pintialla	X			2000
			X		1999-01
				X	1999-01
02421135	Pinchony Creek near Davenport		X		1968-69
02421175	Pintialla Creek near Montgomery		X		1968-69
02421205	Tallawessee Creek near Robinson Bend		X		1968-69

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedl	
02421245	Swift Creek near Billingsley		X		1968
02421256	Swift Creek near Vida		X		1968
02421280	Swift Creek at Autaugaville		X		1965, 68
02421500	Big Swamp Creek near Hayneville		X		1969
02422000	Big Swamp Creek near Lowndesboro		X		1968-82
02422150	Little Mulberry Creek at Statesville		X		1968
02422190	Middle Fork Mulberry Creek above Maplesville		X		1968
02422200	Middle Fork Mulberry Creek near Maplesville		X		1965
02422330	Mulberry Creek near Maplesville		X		1968
02422500	Mulberry Creek at Jones		X		1966-70, 77-83
02422600	Uriah Creek at Burnsville		X		1966-68
02422780	Alabama River at Alternate 80 near Selma		X		1970
02422850	Blue Girth Creek near Selma		X		1965
02423000	Alabama River at Selma	X			1972-73
			X		1965-73
				X	1990-95, 97-99, 01
02423030	Valley Creek near Selma		X		1965
02423130	Cahaba River at Trussville	X			1990-91, 00-01
			X		1967-68, 79-80, 90-91, 00-01
				X	1979-80, 00-01
02423170	Big Black Creek (R-5) near Margaret		X		1997
02423180	Middle Black Creek (R-10) near Sanie		X		1997
02423183	Big Black Creek (R-1) near Acmar		X		1997
02413184	Little Black Creek (R-9) near Sanie		X		1997
02423185	Little Black Creek (R-3L) near Acmar		X		1997
02423187	Big Black Creek (C-1) near Braggsville		X		1997
02423188	Big Black Creek (C-4) above Whites Chapel		X		1997
02423189	Big Black Creek (C-6) near Whites Chapel		X		1997
02423190	Big Black Creek near Leeds		X		1967-68, 79-80, 97
				X	1979-80
02423305	Cahaba River at U.S. Highway 78 near Leeds	X			1990-91
			X		1990-91
02423380	Cahaba River near Mountain Brook	X			1990-99
			X		1990-99
02423390	Cahaba River at BWB Pump Station near Cahaba Heights	X			1990-91
0242339580	Little Cahaba River near Makeeta	X			2000-01
			X		2000-01
				X	2000-01
02423397	Little Cahaba River below Leeds	X			2000-01
			X		2000-01
				X	2000-01
02423398	Little Cahaba River near Leeds		X		1969, 79-80
				X	1979-80
02423400	Little Cahaba River near Jefferson Park	X			1987-00
			X		1986-00
02423403	Tributary to Shephard Branch near Leeds	X			1988-90
			X		1988-90
02423404	Shephard Branch near Leeds	X			1987-90
			X		1986-90
02423405	Lake Purdy at Irondale Bridge near Leeds	X			1987-99
			X		1986-99
0242340550	Cox Creek near Cahaba Heights	X			1987-99
			X		1987-99
0242340575	Lee Branch near Cahaba Heights	X			1987-99
			X		1987-99
02423406	Lake Purdy at State Highway 119 near Cahaba Heights	X			1987-91
			X		1986-91
02423407	Tributary to Ike Pond Slough near Cahaba Heights	X			1987, 89-90
			X		1987, 89-90
02423409	Lake Purdy near Cahaba Heights	X			1987-91
			X		1986-91
02423410	Little Cahaba River below Lake Purdy Dam near Cahaba Heights	X			1987-99
			X		1986-99
02423415	Cahaba River near Homewood		X		1967-68
02423425	Cahaba River near Cahaba Heights		X		1979-84
				X	1979-80
02423515	Patton Creek near Bluff Park below Patton Chapel	X			2000-01
			X		2000-01
				X	2000-01
02423536	Buck Creek at Buck Creek Road at Alabaster	X			2000-01
			X		2000-01
				X	2000-01

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
0242354650	Cahaba Valley Creek at Indian Trail Road near Indian Springs	X	X		2000-01
				X	2000-01
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham	X	X		2000-01
				X	1999-01
02423555	Cahaba River near Helena		X		1999-01
0242357007	Tributary to Shades Creek at Elder Street near Irondale	X	X		1965-68
					1992
02423572	Shades Creek tributary at Mountain Dale Road at Mountain Brook	X	X		1992
				X	1992
02423576	Shades Creek at Lakeshore Drive near Mountain Brook	X	X		2000-01
				X	2000-01
02423580	Shades Creek near Homewood		X		2000-01
				X	1967-68, 79-80
02423581	Shades Creek at Samford University at Homewood	X	X		1979-80
				X	2000-01
02423590	Unnamed tributary to Shades Creek at Fedex near Oxmoor	X	X		2000-01
				X	2000
02423620	Little Shades Creek at State Highway 150 near Bessemer	X	X		2000
				X	2000-01
02423623	Tributary to Little Shades Creek near Bessemer		X		1980, 00-01
02423625	Shades Creek at Hopewell		X		1980, 00
02423630	Shades Creek near Greenwood		X		1967-68
				X	1967, 69-83
02423639	Mud Creek near Greely		X		1979-81
02423647	Cahaba River near West Blocton		X		1971
				X	1978-83
02423729	Dry Creek at Spring Creek Road near Montevallo	X	X		1979-82
				X	2000-01
0242372950	Spring Creek at County Road 16 near Moores Crossroads	X	X		2000-01
				X	2000-01
02423730	Shoal Creek at Montevallo		X		2000-01
02423785	Mahan Creek near Brierfield		X		1967-68
02423800	Little Cahaba River near Brierfield		X		1968
02423870	Copperas Creek near Six Mile		X		1965-68
02423875	Six Mile Creek near Six Mile		X		1968
02423915	Schulz Creek near West Blocton		X		1968
02423945	Hill Creek near West Blocton		X		1968
02424000	Cahaba River at Centreville	X	X		1968
				X	1991-94, 00-01
					1965-68, 71-83, 91-94, 99-01
02424035	Haysop Creek at Brent		X		1991-93, 99-01
02424250	Blue Outee Creek near Harrisburg		X		1968
02424270	Old Town Creek near Heiberger		X		1968
02424500	Cahaba River at Sprott		X		1966, 68
02424590	Cahaba River near Suttle			X	1990-95, 97-99
02424910	Oakmulgee Creek near Perryville		X		1968
02424930	Little Oakmulgee Creek near Summerfield		X		1968
02424940	Oakmulgee Creek near Augustin		X		1980-84
02425000	Cahaba River near Marion Junction	X	X		1978
				X	1965, 73, 77-83
02425200	Big Swamp Creek near Orrville		X		1999-01
02425400	Cedar Creek near Monterey		X		1972, 82-83
02425500	Cedar Creek at Minter		X		1964
02425530	Dry Cedar Creek at Fostoria		X		1965-68, 73, 77-83
02425595	Cedar Creek near Berlin		X		1965
02425655	Mush Creek near Selma		X		1965
02425800	Alabama River near Pinebelt		X		1965-66, 69
02425940	Bogue Chitto Creek near Vilula		X		1973-74
02426000	Bogue Chitto Creek near Browns		X		1968
02427000	Bogue Chitto Creek near Orrville		X		1965-68, 71
02427100	Chilatchee Creek near Alberta		X		1965
02427250	Pine Barren Creek near Snow Hill		X		1965, 67

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedl	
02427300	Prairie Creek near Oak Hill		X		1965-67
02427350	Pine Barren Creek near Camden		X		1965
02427355	Pine Barren Creek at mouth below Camden		X		1965
02427470	Alabama River near Catherine			X	1990-95
02427500	Alabama River near Millers Ferry		X		1965-67
02427511	Alabama River near Midway			X	1990-94
02427520	Dixon Creek near Midway		X		1967
02427540	Alabama River at Clifton's Landing		X		1965
02427630	Beaver Creek near Pine Hill		X		1965, 67
02427700	Turkey Creek at Kimbrough		X		1965-67, 69, 71-80, 82-83
02427720	Goose Creek near Kimbrough		X		1965
02427760	Unnamed Branch near Coal Bluff		X		1965
02427865	Pursley Creek above Camden		X		1965, 67
02428070	Bear Creek near Sunny South		X		1965
02428200	Alabama River near Lower Peachtree Landing		X		1965, 67
02428300	Tallatchee Creek near Vrendenburgh		X		1965-67
02428370	Cane Creek at Chance		X		1965
02428440	Flat Creek near Buena Vista		X		1967
02428475	Robinson Creek near Beatrice		X		1965
02428480	Robinson Creek near Scotland		X		1967
02428500	Flat Creek at Fountain		X		1965-67, 69
02428800	Brushy Creek at Peterman		X		1967
02429000	Limestone Creek near Monroeville		X		1965-67, 69, 71-73
02429500	Alabama River at Claiborne	X	X		1969, 71-95, 00
				X	1965-69, 71-96, 99-01
					1974-79, 82-01
02429520	Randon Creek near Frisco City		X		1967
02429525	Lovetts Creek near Frisco City		X		1967
02429580	Butterfork Creek near Uriah		X		1971-74
02429595	Little River near Uriah		X		1969, 71, 77-79
02429605	Little River at State Highway 59 near Little River	X			1994
			X		1967, 94
02429615	Alabama River near South Carlton		X		1967, 70
02429620	Alabama River below South Carlton		X		1967, 70
02429628	Turkey Creek at State Highway 59 near Blacksher	X			1994
			X		1967, 94
02429650	Majors Creek at State Highway 59 near Tensaw	X			1994-96
			X		1967, 94-96
02432000	Bull Mountain Creek at Schotsville		X		1966-67
02437784	Buttahatchee River below Lake Buttahatchee near Whitehouse		X		1964
02437791	Buttahatchee River near Whitehouse		X		1964, 66-67
02437793	Tributary to Buttahatchee River near Haleyville		X		1965
02437795	West Branch Buttahatchee River at Whitehouse		X		1979-80
				X	1979-80
02437800	Barn Creek near Hackleburg		X		1966-67
02437805	Barn Creek at U.S. Highway 278 near Hamilton		X		1979-80
				X	1979-80
02437810	Buttahatchee River above Pearces Mill		X		1980-81
				X	1980-81
02437815	Buttahatchee River near Pearces Mill		X		1966-67, 79-80
				X	1979-80
02437825	Camp Creek near Hamilton		X		1966-67, 79-80
				X	1979-80
02437850	Clifty Creek near Hamilton		X		1966-67
02437868	Williams Creek above Hamilton		X		1966-67, 79-80
				X	1979-80
02437900	Woods Creek near Hamilton		X		1966-67, 79-80
				X	1979-80
02438000	Buttahatchee River below Hamilton		X		1966-67, 77, 80-81
				X	1980-81
02438450	Buttahatchee River at Fulton Bridge		X		1979-80
				X	1979-80
02438550	Buttahatchee River at Henson Springs		X		1979-80
				X	1979-80
02438700	Mill Creek near Detroit		X		1972
02438710	Spruiell Branch near Detroit		X		1972
02438852	Beaver Creek near Guin		X		1979-80
				X	1979-80
02438900	Beaver Creek near Beaverton		X		1967
02439000	Buttahatchee River near Sulligent		X		1966-67, 80, 84
				X	1980
02439070	Hurricane Creek near Hamilton		X		1965

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02439080	Hurricane Creek at Bexar		X		1966-67
02439110	Broadtree Creek near Bexar		X		1967
02439150	Sipsey Creek near Detroit		X		1966-67
02439155	Tributary to Sipsey Creek near Detroit		X		1972
02439157	Reedy Branch near Detroit		X		1972
02441498	Tombigbee River in Bendway at Columbus, MS	X			1989-90
			X		1989-90
				X	1987, 89, 93,95,97-98,00
02441920	Luxapallila Creek near Glen Allen		X		1967-68, 79-80
				X	1979-80
02442000	Luxapallila Creek near Fayette		X		1965-68
02442500	Luxapallila Creek at Millport		X		1967, 82
				X	1982
02443030	Yellow Creek above Vernon		X		1967
02443110	Yellow Creek near Molloy		X		1967
02443240	Mud Creek near Melbourne		X		1967
02443610	Tombigbee River at Camp Pratt below Columbus, MS	X			1989-90
			X		1989-90
02443950	Coal Fire Creek near Coal Fire		X		1967
02444000	Coal Fire Creek near Pickensville		X		1966-68, 74, 77-82
				X	1982
02444157	Tombigbee River at State Highway 86 near Pickensville			X	1989-95,97-99
02444161	Tombigbee River below Aliceville Lock & Dam near Pickensville	X			1983-85
			X		1980-85
				X	1982
02444200	Big Creek near Pickensville		X		1967
02444210	Tombigbee River in Big Creek Bendway near Pickensville	X			1989-90
			X		1989-90
02444490	Bogue Chitto Creek near Memphis		X		1999-01
				X	1999-01
02444500	Tombigbee River near Cochrane	X			1969-75
			X		1967, 69-80
				X	1989-95,97
02444510	Blubber Creek near Aliceville		X		1967
02444850	Lubbub Creek near Reform		X		1967
02445000	Lubbub Creek near Carrollton		X		1966-68, 77-82
				X	1982
02445125	Bear Creek below Gordo		X		1967-68
02445145	Bear Creek near Dillburg		X		1967
02445155	Tombigbee River at Vienna Ferry		X		1967-68
02445245	New River near Winfield		X		1966-67, 79-80
				X	1979-80
02445250	Gulf Branch near Glen Allen		X		1982
02445253	Mallards Creek near Glen Allen		X		1982
02445290	Sipsey River near Bazemore		X		1980-81
				X	1980-81
02445320	Sipsey River near Hubbertville		X		1967-68, 79-80
				X	1979-80
0244532645	Boxes Creek Site F near Howard		X		1983
0244532650	Boxes Creek Site E-1 near Howard		X		1983
0244532655	Boxes Creek Site E near Howard		X		1983
0244532660	Boxes Creek Site D near Howard		X		1983
0244532665	Boxes Creek Site C-3 near Howard		X		1983
0244532670	Boxes Creek Site C-2 near Howard		X		1983
0244532672	Boxes Creek Site C-1 near Howard		X		1983
0244532675	Boxes Creek Site C near Howard		X		1983
0244532680	Boxes Creek Site B-2 near Howard		X		1983
0244532682	Boxes Creek Site B-3 near Howard		X		1983
0244532685	Boxes Creek Site B-1 near Howard		X		1983
0244532687	Boxes Creek Site B near Howard		X		1983
0244532690	Boxes Creek Site A near Howard		X		1983
02445327	Boxes Creek at County Road 63 near Howard		X		1980-84
				X	1980-83
02445328	Boxes Creek near Fowlers Crossroads		X		1982
02445330	Boxes Creek near Howard		X		1979-80
02445332	Dry Creek near Fowlers Crossroads		X		1982
02445335	Boxes Creek near Fowlers Crossroads		X		1982
				X	1979-80
02445400	Sipsey River above Fayette		X		1967-68

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02445500	Sipsey River at Fayette		X		1967-68, 79-80
				X	1979-80
02446500	Sipsey River near Elrod	X	X		1986, 89-90
				X	1965-68, 72, 80-82, 86, 89-90
					1982
02446950	Brush Creek at Morrow's Grove		X		1967-68
02447000	Sipsey River near Pleasant Ridge		X		1967, 77-80
02447008	Tombigbee River at Cooks Bend above cut near Warsaw			X	1989, 91, 94, 99
02447010	Tombigbee River in Cooks Bendway near Warsaw	X			1989-90
			X		1989-90
				X	1989, 91, 94, 96
02447015	Fenske Creek near Cochrane		X		1965
02447025	Tombigbee River at Gainesville Lock & Dam near Gainesville		X		1978
				X	1978
02447026	Tombigbee River below Gainesville Lock & Dam near Gainesville		X		1978
				X	1978
02448500	Noxubee River near Geiger	X			1975, 86, 89-90
			X		1967-68, 72, 74-75, 77-82, 1986, 89-90
				X	1975, 82
02448900	Bodka Creek near Geiger		X		1967-68
02449000	Tombigbee River at Gainesville	X			1971-94
			X		1967, 69, 71-94
				X	1975-93
02449005	Tubbs Creek near New Mount Hebron		X		1967-68
02449050	Trussells Creek near Clinton		X		1967-68
02449150	Trussells Creek near New Mount Hebron		X		1967-68
02449245	Brush Creek near Eutaw		X		1982-83
02449250	Brush Creek near Lizzieville		X		1967-68
02449340	Factory Creek near Sumterville		X		1967-68
02449400	Jones Creek near Epes		X		1966
02449500	Tombigbee River at Epes		X		1967-68
02449750	Mulberry Fork near Brooksville		X		1967-68
02449775	Mulberry Fork near Holly Pond		X		1981
				X	1981
02449840	Duck Creek near Berlin		X		1967-68
02449870	Blue Spring near Blountsville		X		1971
02449890	Big Spring near Blountsville		X		1975
02449910	Eightmile Creek near Vinemont		X		1967-68
02449940	Brogan River near Cullman		X		1965-68
02449950	Brogan River near Hanceville		X		1967-68
02450000	Mulberry Fork near Garden City		X		1965-68, 71-83
				X	1979-81
02450160	Marriott Creek at Black Bottom near Blount Springs		X		1967-68, 78-79
				X	1978-79
02450180	Mulberry Fork near Arkadelphia		X		1967-68, 79-81, 84
				X	1979-81
02450200	Dorsey Creek near Arkadelphia		X		1966-68, 78, 80-81
				X	1978, 80-81
02450215	Dorsey Creek below Arkadelphia		X		1978-81
				X	1978-81
02450250	Sipsey Fork near Grayson	X			1966-96
			X		1966-96
				X	1966-93,96
02450300	Sipsey Fork near Antioch Church		X		1966-67
02450450	Brushy Creek near Moreland		X		1966-67
02450600	Clear Creek near Natural Bridge		X		1979-80
				X	1979-80
02450620	Little Clear Creek near Double Springs		X		1966-67
02450800	Clear Creek near Double Springs		X		1966-67, 79-81
				X	1979-81
02450825	Clear Creek at New Hope Church near Poplar Springs		X		1979-81
				X	1979-81
02450850	Clear Creek near Poplar Springs		X		1966-67
02451535	Blevens Creek near James Chapel		X		1967-68
02451538	Brushy Fork near Addison		X		1967
02451540	Brushy Fork (East Fork) Sipsey Fork near Addison		X		1966
02451550	Jaybird Creek near West Point		X		1966
02451580	Crooked Creek near Logan		X		1967-68, 79-81
				X	1979-81
02451750	Vest Creek near Baldwin		X		1966, 68

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02451770	Ryan Creek near Cullman	X			1967-68, 79-81
				X	1979-81
02451920	Lewis Smith Reservoir near Jasper	X			1966
02451952	Sipsey Fork below Lewis Smith Dam near Jasper	X			1979-81
				X	1980-81
02452000	Sipsey Fork near Jasper	X			1967
02452495	Leeth Creek near Sipsey	X			1979-81
				X	1980-81
02452540	Mathis Creek near Sumiton	X			1979
				X	1979
02452600	Blackwater Creek at Ashbank	X			1966-67, 80
				X	1980
02452660	Splunge Creek at Ashbank	X			1966-67, 79-80
				X	1979-80
02452680	Browns Creek at Stone Church	X			1966-67
02452700	Browns Creek near Ashbank	X			1967
02452701	Blackwater Creek near Nauvoo	X			1967, 79-80
				X	1979-80
02452815	Blackwater Creek near Saragoosa	X			1980
				X	1980
02452900	Spring Creek tributary near Manchester	X			1965, 78
				X	1978
02453000	Blackwater Creek near Manchester	X			1965-68, 71-73, 78-83
				X	1978-81
02453020	Blackwater Creek near Jasper	X			1967-68, 78-80
				X	1978-80
02453050	Mulberry Fork near Argo	X			1967-68
02453384	Cane Creek at Cameron	X			1978-80
				X	1979-80
02453400	Flat Branch near Jasper	X			1966-67
02453700	Mulberry Fork near Highlevel	X			1967-68
02453810	Unnamed Tributary to Lost Creek trib near Kansas	X			1982
02453811	Unnamed Tributary to Lost Creek trib near Eldridge	X			1982
02453815	Unnamed Tributary to Lost Creek near Carbon Hill	X			1982
02453828	West Fork Lost Creek near Townley	X			1979, 82
				X	1979
02453835	Trinity Creek near Carbon Hill	X			1979-82
				X	1979-82
02453836	Allen Creek near Howard	X			1980, 82
				X	1980
02453837	Tributary to Cranford Creek near Howard	X			1980
				X	1980
0245383750	Cranford Creek near Carbon Hill	X			1982
02453839	Lost Creek east of Carbon Hill	X			1979
				X	1979
02453895	Lost Creek below Carbon Hill	X			1980
				X	1980
02453900	Cheatham Creek near Carbon Hill	X			1967-68, 78-80
				X	1978-79
02453930	Lost Creek near Holly Grove	X			1980
				X	1980
02453950	Lost Creek near Jasper	X			1966-67, 72, 78
				X	1978
02454000	Lost Creek near Oakman	X			1965-68, 78-82
				X	1978-81
02454065	Unnamed Branch near Oakman	X			1965
02454070	Spring tributary to Black Branch near Oakman	X			1965
02454072	Black Branch near Oakman	X			1965, 75, 78-81
				X	1978-80
02454095	Cane Creek near Parrish	X			1979-80
				X	1979-80
02454140	Wolf Creek near Howard	X			1980, 82-84
				X	1980, 82
02454150	Wolf Creek near Townley	X			1982
02454155	Wolf Creek at State Highway 102 near Townley	X			1979
				X	1979
02454160	Jess Creek at State Highway 102 near Townley	X			1982
02454169	Pendley Creek near Pea Ridge	X			1982
02454173	Pendley Creek near Corona	X			1982
02454175	Wolf Creek at Corona	X			1979
				X	1979

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02454185	Blue Water Creek near Berry		X		1979
				X	1979
02454188	Little Blue Water Creek near Corona		X		1982
02454190	Tributary to Blue Water Creek near Oakman		X		1979-80
				X	1979-80
02454200	Wolf Creek near Oakman		X		1965-68, 78-82
				X	1978-80, 82
02454243	Indian Creek near Oakman		X		1982
02454250	Lost Creek near Goodsprings		X		1967-68
02454400	Locust Fork at Walnut Grove		X		1967
02454410	Locust Fork below Walnut Grove	X			1992, 94
			X		1992, 94
02454420	Cove Spring near Walnut Grove	X			1992, 94-97
			X		1971, 92, 94-97
02454460	Locust Fork at Snead	X			1992
			X		1992
02454500	Locust Fork below Snead	X			1992-97
			X		1966-68, 79-81, 92-97
02454515	Slab Creek at Boaz	X			1992
			X		1992
02454520	Slab Creek near Needmore	X			1992
			X		1992
02454535	Slab Creek below Horton	X			1992
			X		1992
				X	1979, 81, 92
02454550	Slab Creek near Nixon Chapel	X			1992, 94-97
			X		1980, 92, 94-97
				X	1980, 92
02454700	Locust Fork at Stracener Bridge near Clarence	X			1993-95
			X		1993-95
02454850	Whipporwill Creek near Wynnville	X			1992, 94
			X		1967-68, 92, 94
002454990	Graves Creek near Blountsville	X			1992
			X		1992
02454995	Graves Creek below Blountsville	X			1992, 94-97
			X		1992, 94-97
02455000	Locust Fork near Cleveland	X			1992-97
			X		1966-75, 79-81, 92-97
				X	1979-81
02455040	Locust Fork at State Highway 160 near Cleveland	X			1993-95
			X		1993-95
02455185	Blackburn Fork near Holly Spring	X			1998-99
			X		1998-99
02455204	Blackburn Fork near Remlap	X			1992
			X		1979-80, 92
				X	1979-80
02455210	Walker Spring Creek near Allgood	X			1992, 94
			X		1992, 94
02455220	Blackburn Fork near Hendrick Mill	X			1993-97
			X		1993-97
02455240	Calvert Prong Creek above Oneonta	X			1992
			X		1992
02455243	Calvert Prong Creek below Oneonta	X			1992
			X		1992
02455247	Calvert Prong Creek below Jones Creek near Oneonta	X			1992
			X		1992
02455250	Calvert Prong Creek near Oneonta	X			1992
			X		1967-68, 92
02455265	Calvert Prong Creek at Gordons Dam near Cleveland	X			1995-97
			X		1995-97
02455270	Calvert Prong Creek near Locust Fork	X			1992, 94
			X		1967-68, 79-80, 92, 94
				X	1979-80, 92
02455280	Little Warrior River near Locust Fork	X			1992-97
			X		1967-68, 92-97
02455300	Locust Fork near Locust Fork	X			1992, 94
			X		1967-68, 80, 92, 94
				X	1980
02455325	Sugar Creek at State Highway 160 near Nectar	X			1993-95
			X		1993-95

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02455360	Pannell Creek at State Highway 160 near Nectar	X			1993-95
			X		1993-95
02455380	Hallmark Creek near Locust Fork	X			1994-95
			X		1994-95
02455400	Locust Fork at Blalock Bridge near Wallstown	X			1993-95
			X		1993-95
02455402	Unnamed Creek above Hayden Landfill near Hayden	X			1994
			X		1994
02455404	Unnamed Creek below Hayden Landfill near Hayden	X			1994-95
			X		1994-95
02455410	Whites Creek above Little Shenandoah Community near Adville	X			1994-95
			X		1994-95
02455412	Whites Creek below Little Shenandoah Community near Adville	X			1993-95
			X		1993-95
02455425	Hayes Creek near Hayden	X			1994-95
			X		1994-95
02455450	Kelly Creek below proposed landfill near Trafford	X			1993-95
			X		1993-95
02455470	Longs Branch at State Highway 79 near Selfville	X			1994-97
			X		1994-97
02455475	Longs Branch at county road near Trafford	X			1993-97
			X		1993-97
02455500	Locust Fork at Trafford	X			1992-97
			X		1967-68, 74, 79-80, 92-97
				X	1979-80
02455970	Penny Spring near Pinson		X		1977
02456000	Turkey Creek at Morris		X		1966-72, 74, 76, 79-80
				X	1976-77, 79-80
02456044	Spring tributary to Turkey Creek below Morris		X		1977
02456045	Tributary to Turkey Creek below Morris		X		1976-77
				X	1976-77
02456050	Turkey Creek above Kimberly		X		1976-77, 79-80
				X	1976, 79-80
02456053	Spring tributary to Turkey Creek near Kimberly		X		1977
02456055	Tributary to Turkey Creek near Kimberly		X		1976-77
				X	1976-77
02456300	Crooked Creek at headwaters at Mt. Olive	X			1996
			X		1996
02456303	Crooked Creek tributary at Interstate 65 near Morris	X			1998-99
			X		1998-99
02456305	Crooked Creek above Morris	X			1996-99
			X		1996-99
02456310	Crooked Creek near Mt. Olive	X			1996
			X		1976-77, 96
				X	1976-77
02456320	Tributary to Crooked Creek near Mt. Olive		X		1976
				X	1976
02456322	Crooked Creek below Mt. Olive		X		1976
				X	1976
02456327	Tributary to Crooked Creek near Morris		X		1976-77
02456330	Crooked Creek near Morris	X			1996-97
			X		1976-77, 79-80, 96-97
				X	1976-77, 79-80
02456500	Locust Fork at Sayre		X		1965-68, 70-83
				X	1979-81
02456900	Fivemile Creek at Fivemile Road near Huffman	X			2000-01
			X		2000-01
				X	2000-01
02456980	Fivemile Creek at Lawson Road near Tarrant City	X			2000-01
			X		2000-01
				X	2000-01
02456997	Robinwood Spring near Robinwood		X		1976
02457000	Fivemile Creek at Ketona		X		1966-68, 74, 79-80
				X	1979-80
02457650	Fivemile Creek at Cardiff		X		1967-68, 78
				X	1978
02457700	Fivemile Creek near Linn Crossing		X		1966-67, 69-72, 79-80
				X	1979-80
02458000	Locust Fork at Palos		X		1973-74, 80

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02458150	Village Creek at East Lake in Birmingham	X	X		2000-01 2000-01 2000-01 1980
02458180	Tributary to unnamed tributary near Georgia Road at Birmingham	X	X	X	1992 1992 1992
02458203	Tributary to unnamed tributary at 10th Avenue and L&N Railroad at Birmingham	X	X	X	1992 1992 1992
02458300	Village Creek at 24th Street at Birmingham	X	X		2000-01 2000-01
02458375	Unnamed tributary to Village Creek at Dixie Hub Center at Birmingham	X	X		1992-93 1992-93 1992-93
02458450	Village Creek at Avenue W at Ensley	X	X	X	2000-01 1980,00-01 1980
02458600	Village Creek near Docena	X	X		2000 2000
02460500	Village Creek near Adamsville	X	X		1978 1966-67, 72-73, 75, 77-83 1979-81
02460505	Village Creek at Porter		X		1973-74
02460600	Locust Fork at Powhatan		X		1967-68
02460700	Short Creek at Short Creek		X		1965
02461120	Valley Creek at 5th Avenue and 7th Street at Birmingham	X	X		1992, 00-01 1992, 00-01 1992
02461122	Highway runoff into Valley Creek tributary at Birmingham	X	X	X	1993 1993 1993
02461200	Valley Creek at Cleburne Avenue near Powderly	X	X	X	2000-01 2000-01 2000-01
02461300	Valley Creek at U.S. Highway 11 at Birmingham	X	X		2000-01 2000-01
02461450	Opossum Creek near Rutledge Springs		X		1975
02461670	Fivemile Creek at Nevel Road near McCalla	X	X		2000-01 2000-01 2000-01
02462000	Valley Creek near Oak Grove		X	X	1965-67, 72-83 1979-81
02462025	Lost Creek near Pleasant Grove		X		1969
02462040	Rock Creek near Hopkins		X		1967, 78-81
02462050	Valley Creek at Toadvine Road near Oak Grove		X	X	1978-80 1979-81 1979-80
02462065	Mud Creek at Mud Creek		X	X	1980-81 1980
02462070	Woods Creek near Bessemer		X	X	1980-81 1980-81
02462080	Mud Creek near Oak Grove		X	X	1967-68, 78-81 1978-81
02462255	Tributary to Walker County Shoal Creek near Tutwiler School		X	X	1978-79 1978-79
02462257	Tributary to Walker County Shoal Creek near Tutwiler School		X	X	1978-79 1978-79
02462470	Big Yellow Creek near Boley Springs		X	X	1980, 82 1980
02462472	Big Yellow Creek near Sandtown		X		1982
02462480	Big Yellow Creek near Whitson		X	X	1967-68, 79-84 1979-80, 82
0246248110	Trib to Little Yellow Creek Site G near Whitson		X		1983
0246248120	Trib to Little Yellow Creek Site F near Whitson		X		1983
0246248130	Trib to Little Yellow Creek Site E-2 near Whitson		X		1983
0246248140	Trib to Little Yellow Creek Site E-1 near Whitson		X		1983
0246248150	Trib to Little Yellow Creek Site D near Whitson		X		1983
0246248170	Trib to Little Yellow Creek Site C-2 near Whitson		X		1983
0246248180	Trib to Little Yellow Creek Site C-1 near Whitson		X		1983

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
0246248190	Tributary to Little Yellow Creek Site B near Whitson		X		1983
0246248198	Tributary to Little Yellow Creek Site A near Whitson		X		1983
02462482	Tributary to Little Yellow Creek near Boley Springs		X		1980, 83-84
				X	1980, 83
02462483	Little Yellow Creek near Boley Springs		X		1980
				X	1980
02462485	Tributary to Little Yellow Creek near Sandtown		X		1980
				X	1980
02462486	Little Yellow Creek near Sandtown		X		1980, 82
				X	1980
02462487	Little Yellow Creek near Samantha		X		1982-84
				X	1982-83
02462489	Dry Creek near Sandtown		X		1982
02462490	Little Yellow Creek near Whitson		X		1977, 79-84
				X	1977, 79-80, 82-83
02462491	North Branch Fourmile Creek near Wiley		X		1982
02462492	South Branch Fourmile Creek near Wiley		X		1982
				X	1977, 79-80, 82-83
02462500	Black Warrior River at Bankhead Lock & Dam near Bessemer		X		1967-68, 80
				X	1980
02462501	Black Warrior River Below Bankhead Lock & Dam near Bessemer	X			2000
			X		1999-01
				X	1999-01
02462590	Blue Creek near Wiley		X		1982-84
				X	1983
02462592	Tributary to Blue Creek near Wiley		X		1983-84
02462596	Blue Creek above State Highway 69 near Oakman		X		1983
02462600	Blue Creek near Oakman	X			1977-81
			X		1966-68, 77-84
				X	1977-83
02462625	Blue Creek near Windham Springs		X		1977, 79-84
				X	1977, 79, 82
02462630	Moore Creek near Windham Springs		X		1982
02462650	Blue Creek near Spencer Hill		X		1975, 77, 79-82
				X	1977, 79-80, 82
02462685	Davis Creek at Abernant		X		1975, 79-81
				X	1979-81
02462800	Davis Creek below Abernant		X		1966-68, 71-72, 79-81
				X	1979-80
02462805	Hannah Mill Creek near Brookwood		X		1965
02462812	Hannah Mill Creek near Burchfield	X			1980-81
			X		1978-82
				X	1978-81
A02462828	Cane Creek near Searles		X		1979
				X	1979
02462830	Cane Creek near Burchfield		X		1978
				X	1978
02462840	Davis Creek near Antioch Church near Searles		X		1979-82
				X	1979-81
02462941	Tributary to Rocky Branch near Peterson		X		1977
				X	1977
02462951	Black Warrior River at Holt Lock & Dam near Holt		X		1980
				X	1980
02462970	Yellow Creek near Windham Springs		X		1977, 79
				X	1977, 79
02462973	Tributary to Yellow Creek near Windham Springs		X		1977, 79
				X	1977, 79
02462980	Yellow Creek above Northport	X			1977-79
			X		1977-79
				X	1977-82
02462985	Tributary to Yellow Creek near Northport	X			1977-79
			X		1977-81
				X	1977-79, 81
02462990	Yellow Creek near Northport	X			1977-79
			X		1977-84
				X	1977-83

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02462991	Tributary to Yellow Creek above Watermelon Road near Tuscaloosa	X	X		1977-81 1977-81
02462992	Yellow Creek at Watermelon Road near Tuscaloosa		X	X	1977-81 1977
02463090	Cypress Creek near Holt		X		1977, 79
02463200	Hurricane Creek near Cedar Cove	X		X	1977, 79 1980-81
02463500	Hurricane Creek near Holt		X	X	1975, 78-82 1978-81
02463510	Hurricane Creek near Peterson		X	X	1965-68, 75, 78-80 1978-80
02463536	North River at Studdards Crossroads	X		X	1980-81 1991
02463540	North River near Philadelphia		X		1982, 91
02463545	North River below Lowery Branch above Berry		X		1967-68, 82, 90-91 1979
02463550	George Creek near Pea Ridge		X		1979
02463560	Beaver Creek near Hubbertville		X		1982
02463580	Tributary to Cane Creek near Pea Ridge		X		1967-68, 82 1978-80, 82
02463585	Cane Creek near Berry	X		X	1978-80, 82 1990-91
02463587	North River near Bankston	X	X		1979-80, 82-84, 90-92 1979-80, 82
02463605	Ellis Creek near Cleveland		X		1990-91 1990-92
02463610	Ellis Creek near Berry		X	X	1978-79 1978
02463670	Clear Creek near Bankston		X		1978
02463700	North River near Berry	X			1967-68 1990-91
02463780	Pine Branch near Berry		X		1967-68, 82, 90-92 1982
02463790	Little Cedar Creek near Berry		X		1982
02463795	Cedar Creek near Boley Springs		X		1982
02463835	Tributary to Freeman Creek near New Lexington		X		1978-80
02463838	Boone Creek near New Lexington		X	X	1979-80 1980
02463839	Tyro Creek near Berry		X		1980
02463840	Tyro Creek near Boley Springs		X		1982
02463850	Tyro Creek near New Lexington		X	X	1977, 79-80, 82 1977, 79-80
02463880	Tributary to Bear Creek near Samantha		X	X	1968, 77, 79, 82-84 1977, 79, 82
02463890	Dry Branch near Samantha	X		X	1977, 79, 82-84 1979, 82
02463900	Bear Creek near Samantha	X	X		1977-79 1977-81
02464000	North River near Samantha	X		X	1977-79, 81 1977-80
02464015	Cripple Creek above Finley Branch near Samantha		X	X	1977-84 1977-83
02464020	Johnson Branch near Utley		X	X	1975-76, 84-99 1966-68, 71, 73-76, 79-99
02464025	Cripple Creek near Samantha	X		X	1975, 79-81, 83 1980
02464032	Little Creek near Samantha		X	X	1980 1977, 79, 82
			X		1977, 79, 82
			X		1992
			X		1977, 79-84, 92
			X		1977, 79-80, 82
			X		1980, 82-84
			X		1980, 83

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02464035	Cripple Creek east of Samantha	X	X		1977-81, 84-95 1977-84, 86-95
				X	1977-83
02464040	North River below Cripple Creek near Samantha		X		1982-83
02464075	Dry Creek near Windham Springs		X		1982
02464080	Tributary to Dry Creek near Windham Springs		X		1982
02464100	Dry Creek near Samantha	X			1985-88
			X		1982-88
				X	1983
02464110	Dry Creek near Northport		X		1982-83
02464143	Tributary to Turkey Creek near Samantha		X		1977
				X	1977
02464145	Turkey Creek near Tuscaloosa	X			1977-79
			X		1977-80
				X	1977-79
02464146	Turkey Creek near Tuscaloosa	X			1987-99
			X		1981-84, 87-99
				X	1981-84
02464149	Turkey Creek near Patterson Chapel	X			1984-93
			X		1982-93
				X	1983
0246414950	Turkey Creek near Lake Tuscaloosa near Tuscaloosa		X		1975
02464150	Turkey Creek near Samantha		X		1967-68
02464155	Lake Tuscaloosa at Hilltop Estates Landing near Northport	X			1975, 84-86
			X		1975, 83-86
				X	1975
02464300	Binion Creek near Moores Bridge		X		1979-81
				X	1979-80
02464313	Barbee Creek near New Lexington		X		1977, 79-81
				X	1977, 79-80
02464317	Barbee Creek near Samantha		X		1977, 79-83
				X	1977, 79-80, 83
02464360	Binion Creek below Gin Creek near Samantha	X			1984-99
			X		1975, 82-99
				X	1983
02464380	Binion Creek near Samantha		X		1967-68, 70
02464400	Lake Tuscaloosa at Tierce Patton Road near Northport	X			1984-85, 87-95
			X		1983-95
02464499	Lake Tuscaloosa above State Highway 69 near Tuscaloosa		X		1983
02464500	Lake Tuscaloosa at State Highway 69 near Tuscaloosa	X			1984-85, 87-95
			X		1965-68, 84-95
02464505	Tierce Creek near Northport	X			1975, 84-88
			X		1975, 83-88
				X	1983
02464640	Carroll Creek near Brownville		X		1979-80
				X	1979-80
02464660	Carroll Creek at State Highway 69 near Northport	X			1984-95
			X		1975, 83-95
				X	1983
02464670	Lake Tuscaloosa at Site C1 near Northport		X		1986
02464680	Brush Creek near Northport	X			1975, 85-88
			X		1975, 83-88
				X	1983
02464685	Lake Tuscaloosa at Site D1 near Northport		X		1986
02464800	Lake Tuscaloosa near Tuscaloosa	X			1984-99
			X		1979-81, 83-99
				X	1979-81
02464802	North River below Lake Tuscaloosa Dam near Tuscaloosa		X		1982
02465000	Black Warrior River at Northport		X		1965-83
				X	1979-81, 83-91, 93-95, 99-01
02465200	Lake Creek near Northport		X		1966-67
02465205	Jay Creek near Coker		X		1966-67
02465280	Black Warrior near Fosters		X		1967-68, 71
02465292	Cribb Mill Creek at Southern Railroad near Tuscaloosa		X		1969
02465375	Big Sandy Spring near Coaling		X		1969
02465400	Big Sandy Creek at Duncanville		X		1967-69
02465490	Big Sandy Creek near Moundville		X		1969
02465492	Grants Creek near Fosters		X		1967-68
02465493	Elliotts Creek at Moundville		X		1966-68, 82-83

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedl	
02465494	Elliotts Creek below Moundville		X		1966
02465495	Gabriel Creek near Moundville		X		1968
02465496	Whatley Creek near Moundville		X		1966
02465500	Fivemile Creek near Greensboro		X		1966-68, 71-72, 74
02465670	Minter Creek below Deadmans Branch near Eutaw		X		1967-68
02465900	Big Brush Creek near Greensboro		X		1967-68
02465944	Big Brush Creek above Dry Creek near Wedgeworth		X		1967-68
02465946	Dry Creek near Wedgeworth		X		1964
02465948	Dry Creek near Wedgeworth		X		1964
02465949	Dry Creek near Akron		X		1967-68
02465950	Big Brush Creek near Wedgeworth		X		1967-68
02466000	Black Warrior River near Eutaw		X		1967-68
02466031	Black Warrior River below Selden Dam near Eutaw	X			1978-93
			X		1978-93
				X	1979-88, 90-93
02466045	Black Warrior River below Warrior Lock & Dam near Sawyerville		X		1978
				X	1978
02466300	Pole Cat Creek near Newbern		X		1965
02466500	Big Prairie Creek near Gallion		X		1967-68
02466600	Little Prairie Creek near Newbern		X		1967-68
02466800	Big German Creek near Greensboro		X		1967-68
02467000	Tombigbee River at Demopolis Lock & Dam near Coatopa		X		1966-70
02467001	Tombigbee River below Demopolis Lock & Dam near Coatopa		X		1971-73, 75, 85, 89-90
				X	1971-73, 75-76, 85, 89-90
02467050	Tombigbee River near Coatopa		X		1966-68
02467480	Sucarnoochee River near Boyd		X		1967-68
02467500	Sucarnoochee River at Livingston		X		1967-68, 72-84
02468000	Alamuchee Creek near Cuba		X		1965-68
02468140	Toomsaba Creek at York		X		1967-68
02468200	Sucarnoochee River near Bellamy		X		1967-68
02468270	Cotohager Creek near Whitfield		X		1967-68
02468300	Double Creek near Jefferson		X		1967
02468470	Dry Creek near Thomaston		X		1967
02468490	Powell Creek near Linden		X		1967
02468500	Chickasaw Bogue near Linden		X		1966-69, 72-84
				X	1990-91
02469000	Kinterbish Creek near York		X		1965-68
02469100	Tombigbee River at Pennington		X		1967
02469300	Beaver Creek near Myrtlewood		X		1967
02469496	Bogvelichitto Creek near Lisman		X		1967, 69
02469500	Tuckabum Creek near Butler		X		1965-67, 73
02469520	Yantley Creek near Jachin		X		1967
02469525	Tombigbee River near Nanafalia		X		1971
				X	1990-95, 97-00
02469550	Horse Creek near Sweetwater		X		1965-66, 69, 73
02469565	Horse Creek near Putnam		X		1967
02469575	Wahalak Creek near Butler		X		1967
02469600	Bashi Creek near Campbell		X		1965-67, 69
02469610	Tombigbee River at Campbell		X		1967
02469675	Okatuppa Creek at Okatuppa		X		1967, 69
02469692	James Creek near Paragon		X		1970
02469694	Puss Cuss Creek near Gilbertown		X		1967-74
02469700	Okatuppa Creek at Gilbertown		X		1965-68
02469705	Okatuppa Creek at Moseleys Bridge near Gilbertown		X		1965-66
02469708	Mill Creek above Little Mill Creek near Gilbertown		X		1965-66
02469710	Little Mill Creek at Gilbertown		X		1970-74
02469711	Little Mill Creek at mouth near Gilbertown		X		1965-74
02469712	Mill Creek below Little Mill Creek near Gilbertown		X		1969
02469714	Okatuppa Creek below Mill Creek near Barrytown		X		1965-66, 69
02469722	Surveyors Creek near Womack Hill		X		1965-66, 70
02469724	Tributary to Surveyors Creek near Womack Hill		X		1965-66
02469727	Surveyors Creek near Barrytown		X		1965-74
02469730	Okatuppa Creek near Barrytown		X		1965-74
02469754	Turkey Creek near Bolinger		X		1967, 69
02469761	Tombigbee River at Coffeerville Lock & Dam near Coffeerville		X		1967, 69-70
02469762	Tombigbee River below Coffeerville Lock & Dam near Coffeerville	X			1971-73, 75-96, 00
			X		1970-96, 99-01
				X	1970-96, 99-01
02469765	Tombigbee River near Coffeerville		X		1966

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02469767	Taylor Creek near Millry		X		1965
02469769	Dunbar Creek near Millry		X		1965
02469775	Santa Bogue Creek near Frankville		X		1967
02469790	Satilpa Creek near Clarksville		X		1967
02469800	Satilpa Creek near Coffeetown	X			1978
			X		1965-67, 69, 71-73, 77-83
02470035	Jackson Creek near Satilpa		X		1967, 70
02470040	Tombigbee River near Jackson	X			1970-74
			X		1966-74
				X	1969, 89-95, 97-00
02470075	East Bassett Creek near Dickinson		X		1967
02470100	East Bassett Creek at Walker Springs		X		1965-67, 69
02470200	West Bassett Creek near Chatom		X		1967, 69
02470202	West Bassett Creek near Wagarville		X		1965
02470205	Bassett Creek at Bassetts Creek		X		1967
02470240	Tombigbee River near Carlton		X		1971
02470270	Lewis Creek near McIntosh		X		1967, 69
02470280	Tombigbee River near McIntosh		X		1967
02470340	Bates Creek near Malcolm		X		1967
02470370	Bilbo Creek near McIntosh		X		1967, 69
02470500	Mobile River at Mount Vernon		X		1967
				X	1987
02470520	Cedar Creek below Branch near Citronelle		X		1968-74
02470530	Cedar Creek at County Road 36 near Citronelle		X		1964, 67
02470560	Little Creek at Citronelle		X		1971-74
02470605	Cedar Creek above Cedar Creek Falls		X		1967
02470607	Bull Branch Creek near Citronelle		X		1967-70
02470610	Cedar Creek at Cedar Creek Falls		X		1964, 67-72
02470615	Cedar Creek at Mount Vernon		X		1967
02470629	Mobile River at city intakes at Bucks	X			1991
			X		1991
				X	1991
02470649	Cold Creek Reservoir near Bucks		X		1971
02470700	Mobile River at L & N Railroad Bridge near Hurricane		X		1980
02470800	Bayou Sara near Saraland		X		1967, 73
02470910	Chickasaw Bogue at county road near Gulfcrest		X		1964, 67-74
02470925	Chickasaw Creek at Churchula		X		1967
02471000	Chickasaw Creek near Whistler		X		1964-67
02471001	Chickasaw Creek near Kushla		X		1969, 71-80, 82-83
02471002	Seabury Creek near Lott		X		1969
02471004	Red Creek near Semmes		X		1969
02471005	Clear Creek at U.S. Highway 98 at Mobile		X		1969
0247100550	Eightmile Creek at Mobile	X			1993-99
			X		1993-99
				X	1995
02471006	Eightmile Creek near Eightmile		X		1967
02471010	Mobile River at U.S. Highway 90 near Prichard		X		1967, 79-80
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	X			2000-01
			X		2000-01
0247101445	Threemile Creek at Fillingim Street at Mobile	X			2000-01
			X		2000-01
0247101490	Threemile Creek at Stanton Road at Mobile	X			2000-01
			X		2000-01
0247101495	Unnamed Tributary to Threemile Creek at Center Street at Mobile	X			2000-01
			X		2000-01
0247101550	Toulmins Spring Branch at Graham Avenue at Mobile	X			2000-01
			X		2000-01
02471016	Threemile Creek at U.S. Highway 43 near Prichard	X			2000-01
			X		2000-01
02471018	Mobile River at Bankhead Tunnel near Mobile		X		1971
02471019	Tensaw River below Mount Vernon			X	1987
02471025	Halls Creek at State Highway 59 near Latham	X			1994
			X		1994
02471028	Rains Creek near Stockton		X		1969
0247102810	Rains Creek at State Highway 59 near Stockton	X			1994
			X		1994
02471029	Dennis Creek at State Highway 225 near Stockton		X		1969
02471030	Martin Branch at State Highway 225 near Stockton	X			1994
			X		1967, 94
02471031	Red Hill Creek at State Highway 225 below Stockton		X		1969
02471032	Tensaw River at L&N Railroad Bridge near Hurricane		X		1980

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02471034	Tensaw River at U.S. Highway 90 Causeway near Mobile		X		1979-80
				X	1987
02471035	Bay Minette Creek at County Road 39 near Stapleton	X	X		1993-96
				X	1967, 93-96
02471036	Whitehouse Creek near Bromley		X		1994
02471039	Blakeley River at U.S. Highway 90 Causeway near Mobile		X		1967
				X	1979-80
02471040	Apalachee River at U.S. Highway 90 Causeway near Mobile		X		1987
				X	1979-80
02471045	Montlimar Creek at Airport Boulevard at Mobile		X		1979, 87
02471065	Montlimar Creek at U.S. Highway 90 at Mobile		X		1965
02471067	Highway runoff into Moores Creek trib. at I-10 at Mobile	X			1965-67
			X		1993, 95
				X	1993, 95
02471075	Halls Mill Creek near Theodore		X		1993
02471078	Fowl River at Half-Mile Road near Laurendine		X		1967
				X	1967
02479418	Escatawpa River at Escatawpa		X		1995
02479425	Escatawpa River at Deer Park		X		1967
02479438	Beaver Pond Branch near Citronelle		X		1967
02479439	Beaver Pond Branch tributary near Citronelle		X		1969-74
02479447	Beaver Pond Branch at mouth near Citronelle		X		1967-74
02479450	Escatawpa River at County Road 96 near Citronelle		X		1964, 67-74
02479465	Puppy Creek at Citronelle		X		1965, 67
02479466	Puppy Creek on Russell Road near Citronelle		X		1970-74
02479467	Tributary to Puppy Creek near Citronelle		X		1970-74
02479468	Puppy Creek at county bridge near Citronelle		X		1971-74
02479500	Escatawpa River near Wilmer		X		1964, 66-74
02479560	Escatawpa River near Agricola, MS	X			1964-67, 69, 71-74
			X		1979-93
				X	1974-93
				X	1979-93
02479583	Flat Creek near Wilmer		X		1969
02479935	Big Creek near Bootheville	X			1999
			X		1999
02479940	Big Creek at Mason Ferry Road near Georgetown	X			1999-00
			X		1999-00
02479944	Jackson Branch at Howard Morris Road near Wilmer	X			1999-01
			X		1999-01
02479945	Big Creek at County Road 63 near Wilmer	X			1991-01
			X		1991-01
				X	1992-95
0247994650	Juniper Creek at Jack Williams Road near Georgetown	X			1999-01
			X		1999-01
02479947	Juniper Creek at Coleman Dairy Road near Wilmer	X			1999-01
			X		1999-01
02479948	Juniper Creek at Glenwood Road near Fairview	X			1991-01
			X		1991-01
				X	1992-94
02479950	Collins Creek at Glenwood Road near Fairview	X			1991-01
			X		1969, 91-01
				X	1992-95
02479955	Long Branch near Wilmer	X			1991, 94-00
			X		1991, 94-00
				X	1994-95
02479957	Big Creek Lake at U.S. Highway 98 near Wilmer	X			2000-01
			X		1991-92, 00-01
				X	1991-92
02479958	Unnamed tributary to Big Creek Lake below U.S. 98 near Fairview	X			1992
			X		1992
02479960	Boggy Branch at County Road 5 near Wilmer	X			1991, 94-01
			X		1991, 94-01
				X	1994-95
02479965	Big Creek Lake below Mill Branch near Wilmer	X			2000-01
			X		1991-92, 00-01
				X	1991-92
02479975	Crooked Creek at Wulff Road near Semmes	X			1999-01
			X		1999-01
02479980	Crooked Creek near Fairview	X			1991-01
			X		1991-01
				X	1992-95

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02479985	Crooked Creek at mouth near Wilmer	X			1991-92, 96-00
			X		1991-92, 96-00
				X	1991-92
0248000010	Big Creek Lake cross-section near Semmes	X			2000-01
			X		2000-01
0248000050	Unnamed tributary to Hamilton Creek at Firetower Road near Semmes	X			1999-00
			X		1999-00
02480001	Hamilton Creek below Semmes	X			1999-01
			X		1999-01
02480002	Hamilton Creek at Snow Road near Semmes	X			1991-01
			X		1991-01
				X	1992-95
02480003	Hamilton Creek at powerline near Semmes	X			2000-01
			X		2000-01
02480004	Hamilton Creek (Big Creek Lake Intake) near Semmes	X			1991-92, 96-01
			X		1991-92, 96-01
				X	1992
02480005	Hamilton Creek near Semmes		X		1969,00
02480008	Big Creek Reservoir at Pump Station near Semmes		X		1971
02480009	Hamilton Creek cross-section at mouth near Semmes	X			2000-01
			X		2000-01
02480015	Pierce Creek near Seven Hills		X		1969
02480020	Big Creek near Seven Hills		X		1967
02480037	Miller Creek near Dees		X		1967
02480150	Franklin Creek near Grand Bay		X		1967
03568715	Dixie Brown Spring near Valley Head		X		1971
03571850	Tennessee River at South Pittsburg, TN	X			1982-86
			X		1982-86
				X	1982-86
03572110	Crow Creek at Bass	X			1978
			X		1977-83
03572200	Flat Rock Creek near Ider		X		1977
03572210	Flat Rock Creek at Flat Rock		X		1979-81
				X	1979-80
03572230	Dry Creek near Fabius		X		1979-81
				X	1979-80
03572300	Mud Creek near Scottsboro		X		1965
03572400	Bryant Creek near Pisagah		X		1965, 79-80
				X	1979-80
03572500	Tennessee River near Scottsboro		X		1965
03572700	South Sauty Creek near Macedonia		X		1965, 79-80
				X	1979-80
03572870	Town Creek at Guest		X		1971-72
03572900	Town Creek near Geraldine	X			1978
			X		1965-68, 70-72, 75, 77-83
03572905	Town Creek at Elrod Bridge		X		1971-72
03572990	Short Creek near Myrtle Church		X		1965
03573000	Short Creek near Albertville		X		1966-68
03573180	Scarham Creek near Painter		X		1967
03573182	Scarham Creek near McVillie	X			1999-01
			X		1999-01
				X	1999-01
03573430	Big Spring Creek near Brooksville		X		1968
03574230	Paint Rock near Princeton		X		1969
03574309	Blue Spring at Guess Creek Church near Princeton	X			1990-91
			X		1990-91
03574500	Paint Rock River near Woodville		X		1965-66, 68-69, 73, 77-83
03574560	Paint Rock River at Butler Mill near Woodville		X		1973, 75-78
03574570	Bethel Spring near Woodville		X		1973
03574580	Tremble Creek near New Hope		X		1973
03574600	Paint Rock River near New Hope		X		1973, 75-82
03574630	New Hope Spring at New Hope		X		1973
03574673	Little Paint Rock Creek at Hebron		X		1973
03574680	Tennessee River near Morgan City		X		1971, 00
03574709	Flint River above Stewart Branch near Fisk		X		1973, 75-78
03574710	Stewart Branch near Hazel Green		X		1973
03574715	State Rock Branch near Hazel Green		X		1973
03574740	Flint River near Fisk		X		1973
03574743	Walker Creek near Hazel Green		X		1973
03574747	Fowler Creek near Hazel Green		X		1973

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
03574750	West Fork Flint River near Hazel Green	X			1999
			X		1973, 99
				X	1999
03574755	Pigum Branch near Hazel Green		X		1973
03574770	Flint River near New Market		X		1973
03574787	Watercress Spring near New Market		X		1973-77
03574790	Mountain Fork at Old Mountain Fork Road near New Market		X		1973
03574794	Mountain Fork above Hester Creek at New Market	X			1999
			X		1973, 99
03574795	Hester Creek above Plevna		X		1973, 75-78
0357479650	Hester Creek near Plevna	X			1999-01
			X		1999-01
				X	1999-01
03574799	Hester Creek near New Market		X		1965, 73
03574800	Mountain Fork below Hester Creek near New Market		X		1965
03574802	Mountain Fork near New Market		X		1973-78
03574804	Brier Fork Flint River above Huckleberry Branch near Hazel Green		X		1973
03574815	Brier Fork Flint River near Hazel Green		X		1973
03574817	Copeland Creek at Elkwood Section Road near Hazel Green		X		1973
03574818	Steger Spring near Hazel Green		X		1973
03574820	Copeland Creek near Hazel Green		X		1973
03574823	Brier Fork near Hazel Green	X			1999
			X		1999
				X	1999
03574825	Brier Fork Flint River at U.S. Highway 231 near Meridianville		X		1973
03574835	Brier Fork Flint River above Beaverdam Creek near Meridianville		X		1973, 75-78
03574843	Turner Spring near Toney		X		1973
03574855	Beaverdam Creek at Pulaski Pike near Meridianville		X		1973
03574870	Beaverdam Creek near Meridianville	X			1999
			X		1973, 75,99
				X	1999
03574970	Brier Fork Flint River near Meridianville		X		1965, 73
03574998	Brier Fork Flint River near Chase		X		1973
03575000	Flint River near Chase		X		1965-66, 68-69, 71-78, 80-83
03575015	Boiling Spring near Maysville		X		1973, 75-77
0357502100	Cold Spring (1-T) near Huntsville	X			1998
			X		1998
03575020	Flint River near Cedar Gap		X		1971
03575024	Acuff Spring near Chase		X		1977
03575028	Chase Creek near Chase		X		1973
03575040	Flint River near Mount Carmel	X			1978
			X		1971-73, 75-83
03575100	Flint River at Brownsboro	X			1999-01
			X		1973,99-01
				X	1999-01
03575110	Dug Hill Spring near Brownsboro		X		1973
03575120	Flint River west of Gurley		X		1973, 75-78
03575140	Hurricane Creek near New Market		X		1973, 75
03575150	Hurricane Creek above Molder Branch near Maysville		X		1973
03575154	Murphy Spring near Maysville		X		1973
03575157	Hurricane Creek near Maysville		X		1973
03575175	Beason Spring near Gurley		X		1973
03575200	Hurricane Creek near Gurley		X		1965, 73, 00
03575210	Hurricane Creek west of Gurley		X		1973
03575250	Flint River near Gurley		X		1970, 73
03575252	Esslinger Spring near Owens Cross Roads		X		1973
0357526040	Big Cove Creek at CCC Cistern (13-M) at Huntsville	X			1998
			X		1998
0357526060	Big Cove Creek (15-L) above Dug Hill Road near Huntsville	X			1998
			X		1998
0357526120	Unnamed Tributary (7-T) to Big Cove Creek at Huntsville	X			1998
			X		1998
0357526130	Unnamed Tributary (8-T) to Big Cove Creek at Huntsville	X			1998
			X		1998
0357526155	Blue Spring (10-M) at Monte Sano Park at Huntsville	X			1998
			X		1998

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
0357526190	Blue Spring (14-L) near Dug Hill Road near Huntsville	X			1998
			X		1998
0357526300	Unnamed Tributary (16-L) to Big Cove Creek near Huntsville	X			1998
			X		1998
03575280	Flint River near Big Cove		X		1973
0357529500	Unnamed Tributary (18-M) to Flint River near Huntsville	X			1998
			X		1998
03575330	Flint River at Owens Cross Roads		X		1973
03575400	Flint River near Owens Cross Roads		X		1973-78
03575450	Tennessee River near Hobbs Island		X		1971
03575480	Tennessee River at Huntsville Pump Station near Huntsville		X		1971-79, 00
03575490	Tennessee River downstream of Hobbs Island near Whitesburg		X		2000
03575500	Tennessee River at Whitesburg		X		1968, 71, 74, 82-83
0357568810	Unnamed Tributary (17-T) to Martin Hollow at Huntsville	X			1998
			X		1998
03575692	Esslinger Spring at Huntsville		X		1973
03575696	Aldridge Creek near Lily Flagg		X		1971-75
03575730	Aldridge Creek at Farley		X		1973
03575734	Aldridge Creek near Whitesburg		X		1971, 73
03575736	Tennessee River at Farley		X		1971
03575760	Kelly Spring near Harvest		X		1973-74, 76-77
03575780	Indian Creek near Monrovia		X		1973
03575788	Dupree Branch near Harvest		X		1973
03575808	Dry Creek near Madison		X		1973
03575810	Indian Creek at U.S. Highway 72 near Huntsville		X		1973
03575830	Indian Creek near Madison	X			1999
			X		1973, 82-83, 99
				X	1999
03575850	Indian Creek near Huntsville		X		1973
03575851	Indian Creek downstream from Martin Road near Huntsville		X		1973
0357586160	Fagan Creek (2-M) at Bluff Line Trail at Huntsville	X			1998
			X		1998
0357586170	Fagan Springs (3-L) at Huntsville	X			1998
			X		1998
0357586172	Unnamed Tributary (9-T) to Fagan Branch at Huntsville	X			1998
			X		1998
0357586173	Unnamed Tributary (6-T) to Fagan Creek at Huntsville	X			1998
			X		1998
0357586175	Unnamed Tributary (5-M) to Fagan Creek at Huntsville	X			1998
			X		1998
0357586180	Fagan Creek (4-L) near Owens Drive at Huntsville	X			1998
			X		1998
0357586550	Unnamed Tributary (11-M) to Fagan Creek at Huntsville	X			1998
			X		1998
0357586560	Unnamed Tributary (12-L) to Fagan Creek at Huntsville	X			1998
			X		1998
03575868	Dallas Branch at Huntsville		X		1973
03575888	Pinhook Creek at Holmes Avenue at Huntsville		X		1973
03575932	Highway runoff into Broglan Branch at I-565 at Huntsville	X			1993
			X		1993
				X	1993
03575935	Broglan Branch at Huntsville		X		1973
03575950	Huntsville Spring Branch (Johnson Road) near Huntsville		X		1971-74, 76-78
03575953	Tributary to Huntsville Spring Branch at Huntsville Landfill at Huntsville		X		1973
03575955	Huntsville Spring Branch (above Sewage Plant) near Huntsville		X		1972-74, 77-78
03575960	Huntsville Spring Branch at Martin Road near Huntsville		X		1972-80, 82-83
03575963	Byrd Spring at Huntsville		X		1976-77
03575980	McDonald Creek at Patton Road near Huntsville		X		1973
03575994	McDonald Creek at Martin Road at Huntsville		X		1973
03576000	Huntsville Spring Branch at Patton Road near Huntsville		X		1973, 75-78
03576020	Huntsville Spring Branch (Dodd Road) near Huntsville		X		1973, 75-78
03576062	Betts Spring near Madison		X		1973

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
03576070	Mill Creek at Madison		X		1973
03576082	Bradford Creek at James Record Road near Madison		X		1973
03576090	Betts Spring Branch near Madison		X		1973
03576100	Miller Branch near Triana		X		1965, 68, 71, 73
03576103	Indian Creek downstream from Martin Road near Huntsville		X		1971
03576105	Huntsville Spring at Huntsville		X		1968
03576108	Huntsville Spring Branch at Martin Road near Huntsville		X		1971
03576110	Barren Fork Creek near Triana		X		1971, 73, 75-78
03576120	Tennessee River near Triana		X		1974
03576148	Cotaco Creek at Florette	X			1978
			X		1966, 68-69, 71-74, 77-83
				X	1979-80
03576150	Cotaco Creek near Florette		X		1965-66
03576201	Limestone Creek near Bobo		X		1973
03576206	Limestone Creek at Toney		X		1973
03576207	Limestone Creek near Toney	X			1999
			X		1999
				X	1999
03576208	Limestone Creek below Toney		X		1973
03576220	Tyrone Creek near Bethel		X		1973
03576225	Little Limestone Creek below Tyrone Creek near Toney		X		1973
03576226	Little Limestone Creek near Toney	X			1999
			X		1999
				X	1999
03576229	Limestone Creek at Madison-Limestone County line near Toney		X		1973
03576235	Leslie Branch near Harvest		X		1973
03576245	Copperrun Branch at Capshaw		X		1973
03576247	Knox Creek at Capshaw		X		1973
03576250	Limestone Creek near Athens		X		1968-69
03576350	Piney Creek near Reunion		X		1968
03576390	Piney Creek at Athens		X		1967-68
03576400	Piney Creek above Athens		X		1965, 67-69
03576405	Piney Creek near Athens	X			1999
			X		1999
				X	1999
03576500	Flint Creek near Falkville	X			1978
			X		1965, 68, 71, 77-81
				X	1979-81
03576800	Blowing Springs Branch near Wren		X		1965
03576810	Elam Creek near Wren		X		1965, 68
03577000	West Flint Creek near Oakville	X			1995
			X		1965, 68, 95
03577194	Swan Creek near Piney Chapel		X		1967-68
03577196	Swan Creek at Athens		X		1970
03577200	Swan Creek near Athens		X		1965
03577202	Swan Creek at U.S. Highway 72 near Athens		X		1967-68, 70-72
03577220	Town Creek near Athens		X		1967-68
03577280	Swan Creek near Tanner Crossroad	X			1999
			X		1999
				X	1999
03577490	Round Island Creek near Lawson	X			1999
			X		1999
				X	1999
03584545	Ragsdale Creek near Pettusville		X		1967-68
03585225	Sulphur Creek near Elkmont		X		1967-68
03585230	Elk River near Gipse		X		1965
03585300	Sugar Creek near Good Springs		X		1965, 68-69
03585305	Ridgeway Mill Spring at Good Springs		X		1971-72
03585400	Anderson Creek at Anderson		X		1965
03585800	Second Creek near Lexington		X		1965
03586000	Wheeler Lake at Wheeler Dam near Decatur		X		1971
03586200	Crow Branch near Moulton		X		1965
03586210	Muddy Fork near Moulton	X			1995
			X		1995
03586240	Muddy Fork at State Highway 157 near Moulton	X			1995, 99
			X		1995, 99
				X	1999
03586350	Turkey Creek near Moulton		X		1965

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
03586400	Clear Fork below Masterson Mill	X			1999
			X		1999
				X	1999
03586500	Big Nance Creek at Courtland		X		1965-69, 71-72, 80-83
03587378	Mud Creek near Old Bethel	X			1999
			X		1999
				X	1999
03587380	Town Creek near Old Bethel		X		1965
03587390	Town Creek near Town Creek		X		1965, 70-71
03589000	Wilson Lake near Florence		X		1970-71
03589257	Tributary to Pond Creek at Muscle Shoals		X		1971
03589500	Tennessee River at Florence		X		1965-66, 68, 72-80, 82-83
03590000	Cypress Creek at Florence		X		1965
03590300	Spring Valley Creek at Spring Valley		X		1965
03590450	Spring Creek near Tuscumbia	X			1999
			X		1999
				X	1999
03590500	Tuscumbia Spring at Tuscumbia		X		1965, 68, 70, 74, 82-83
03590550	Little Bear Creek near Tuscumbia	X			1999
			X		1999
				X	1999
03590646	Sinking Creek below Woodland	X			1999
			X		1999
				X	1999
03590680	Tennessee River at Smithsonia		X		1971
03591800	Bear Creek near Hackleburg	X			1978
			X		1965-69, 77-83
				X	1979-80
03591825	Bear Creek at Military Bridge near Hackleburg	X			1979-81
			X		1979-81
03591899	Bear Creek Lake near Atwood		X		1971-72
03592000	Bear Creek near Red Bay		X		1965-66, 68-69, 71-73, 75
03592101	Bear Creek at Mingo		X		1972
03592150	Dunkin Creek near Russellville		X		1965
03592200	Cedar Creek near Pleasant Site	X			1978
			X		1965, 68, 73, 75, 77-83
03592300	Little Bear Creek near Halltown		X		1965, 68-69
03592500	Bear Creek at Bishop		X		1965-66, 68-69, 72-74
03592600	Buzzard Roost Creek near Cherokee		X		1965
03592605	Browns Creek near Cherokee		X		1965

Page

Page

Access to WATSTORE data	14
Acid neutralizing capacity, definition of	15
Acre-foot, definition	15
Acton, Cahaba River near	183
Adenosine triphosphate, definition of	15
Agricola, Miss., Escatawpa River near	379
Alabama River at Claiborne	215-220
at Claiborne Lock and Dam near Monroeville	213
at Montgomery	146
at Selma	154, 155
below Claiborne Lock and Dam near Monroeville	214
near Montgomery	147-149, 423, 424
Aldridge Creek at Sherwood Drive near Huntsville	428
at Toney Drive at Huntsville	427
near Farley	429
Alexander City, Sugar Creek near	441
Algal growth potential, definition of	15
Alkalinity, definition of	15
Alpine, Talladega Creek at	111
Analyses of samples collected at miscellaneous sites	486-498
Analyses of samples collected at water-quality partial-record stations	443-485
Annual runoff, definition	15
Annual 7-day minimum, definition of	15
Apalachicola River basin, gaging station records in	55-63
reservoirs in	64, 65
water-quality miscellaneous sites in	486
Ariton, Pea River near	72, 73
Arkadelphia, Mulberry Fork near	240
Aroclor, definition of	15
Artificial substrate, definition of	15
Ash mass, definition of	15
Ashville, Big Canoe Creek at	107
Athens, Limestone Creek near	413
Barrineau Park, Fla., Perdido River at	91
Barton Branch near Tarrant City	255
Base discharge, definition of	15
Base flow, definition of	15
Bassett Creek at U.S. Highway 43 near Thomasville	322
Batesville, South Fork Cowikee Creek near	61
Bedload, definition of	15
Bedload discharge, definition of	15
Bed material, definition of	15
Bellwood, Choctawhatchee River near	69, 70
Benthic organisms definition of	15
Berlin, Duck River near	237
Bessemer, Black Warrior River at Bankhead Lock and Dam near	291
Black Warrior River below Bankhead Lock and Dam near	292-294
Halls Creek at	288
Valley Creek below	289
Valley Creek near	287
Big Canoe Creek at Ashville	107
Big Cove Creek at Dug Hill Road near Huntsville	426
Big Creek (tributary to Escatawpa River) at County Road 63 near Wilmer	380-382
Big Creek Lake at U.S. Highway 98 near Wilmer	459-461
below Mill Branch near Wilmer	464-467
cross-section near Semmes	470-473
Big Escambia Creek at Sardine Bridge near Stanley Crossroad	89

Big Nance Creek near Courtland	415
Big Wills Creek near Reece City	106
Binion Creek below Gin Creek near Samantha	299
Biochemical oxygen demand, definition of	15
Biomass, definition of	15
Biomass pigment ratio, definition of	15
Birmingham, Valley Creek at Center Street at	286
Village Creek at Apalachee Street at	270
Village Creek at 24th Street at	271, 272
Black Warrior River at Bankhead Lock and Dam near Bessemer	291
at Holt Lock and Dam near Holt	295
at Oliver Lock and Dam at Northport	301-303
at Selden Lock and Dam near Eutaw	306
below Bankhead Lock and Dam near Bessemer	292-294
below Holt Lock and Dam near Holt	296
below Oliver Lock and Dam at Tuscaloosa	304
below Selden Lock and Dam near Eutaw	307
Blackwater Creek near Manchester	243
Blackwater River basin, gaging station records in	75
water-quality miscellaneous sites in	486
Blackwater River near Bradley	75
Blountsville, Blue Springs Creek near	238
Blue-green algae, definition of	15
Blue Pond, Little River near	101
Blue Springs Creek near Blountsville	238
Bluff Park, Patton Creek near	441
Bodka Creek near Geiger	236
Boggy Branch (tributary to Big Creek) near Wilmer	442, 462, 463
Bogue Chitto Creek (tributary to Alabama River) near Orrville	441
Bogue Chitto Creek (tributary to Tombigbee River) near Memphis	223-231
Bottom material, definition of	15
Bowdon, Ga., Little Tallapoosa River below	121
Bradley, Blackwater River near	75
Brantley, Conecuh River at	28, 76
Patsallga Creek near	77
Brewton, Burnt Corn Creek at State Highway 41 near	87, 88
Conecuh River at State Highway 41 near	82, 83
Murder Creek at	85, 86
Brogan Branch (tributary to Huntsville Spring Branch) at Huntsville	437
at Oakwood Avenue at Huntsville	436
Brogan Branch (tributary to Mulberry Fork) near Hanceville	442
Brownsboro, Flint River at	402-409
Buck Creek near Helena	441
Bucks, Mobile River at	440
Burnt Corn Creek at State Highway 41 near Brewton	87, 88
Buttahatchee River below Hamilton	221
Cahaba Heights, Cahaba River near	176
Cahaba River at Centreville	28, 200-207
at Trussville	156-162
near Acton	183
near Cahaba Heights	176
near Helena	197
near Hoover	177-182
near Marlon Junction	209-211
near Mountain Brook	163
near Suttle	208
Cahaba Valley Creek at Cross Creek Road at Pelham	184-196

Page

Page

Campbell, Harris Creek near	440
Catoma Creek near Montgomery	150
Cells/volume, definition of	16
Centreville, Cahaba River at	28, 200-207
Century, Fla., Escambia River near	90
Cfs-day, definition of	16
Chattahoochee River at Coast Guard Dock at Eufaula	62
at Columbus, Ga.	57-59
at West Point, Ga.	55, 56
near Columbia	63
Chattooga River above Gaylesville	97-99
at Chattoogaville, Ga.	95
Chattoogaville, Ga., Chattooga River at	95
Chemical oxygen demand, definition of	16
Chickasaw Creek near Kushla	323
Childersburg, Coosa River at	112
Coosa River near	441
Tallasseehatchee Creek near	441
Choccolocco Creek at Jackson Shoals near Lincoln	109
at Oxford	108
Choctawhatchee River basin, crest-stage partial-record	
stations in	440
gaging station records in	66-74
water-quality miscellaneous sites in	486
Choctawhatchee River near Bellwood	69, 70
Choctawhatchee River near Newton	66-68
Claiborne, Alabama River at	215-220
Clear Creek at New Hope Church near Poplar Spring	242
Cleveland, Locust Fork near	246
Clostridium perfringens, definition of	16
Coatopa, Tombigbee River at Demopolis	
Lock and Dam near	308, 309
Tombigbee River below Demopolis Lock and Dam near	310
Cochrane, Tombigbee River near	232
Coffeeville, Satilpa Creek near	321
Tombigbee River at Coffeeville Lock and Dam near	313
Tombigbee River below Coffeeville Lock	
and Dam near	314-320
Coliphages, definition of	16
Collins Creek at Glenwood Road near Fairview	442, 457, 458
Color unit, definition of	16
Columbia, Chattahoochee River near	63
Columbus, Ga., Chattahoochee River at	57-59
Conecuh River at Brantley	28, 76
at Point A Dam at River Falls	78-80
at State Highway 41 near Brewton	82, 83
Confined aquifer, definition of	16
Contents, definition of	16
Continuing-record station, definition of	16
Control, definition of	16
Control structure, definition of	16
Cooperation	1
Coosa River at Childersburg	112
at Gadsden	105
at Gadsden Steamplant near Gadsden	104
at Gaston Steamplant near Wilsonville	113
at Jordan Dam near Wetumpka	115-117
at Leesburg	102
at Wetumpka	118
near Childersburg	441
Cordova, Mulberry Fork at	244
Courtland, Big Nance Creek at	415
Crest-stage partial-record stations	440
Choctawhatchee River basin	440
Mobile River basin	440
Tennessee River basin	440

Crooked Creek (tributary to Big Creek)	
at Wulff Road near Semmes	468, 469
near Fairview	383-385
Cubic foot per second, definition of	16
Cubic foot per second-day, definition of	16
Cubic foot per second per square mile, definition of	16
Dadeville, Norrell Branch near	440
Daily mean suspended-sediment concentration, definition of ..	16
Daily record station, definition of	16
Dallas Branch at Huntsville	434
Data Collection Platform, definition of	16
Data logger, definition of	16
Datum, definition of	16
Decatur, Tennessee River at	414
Definition of terms	15-24
Dewey, Mills Creek near	96
Diatoms, definition of	16
Diel, definition of	16
Discharge, definition of	16
Discharge at partial-record stations and	
miscellaneous sites	423-442
Discharge measurements made at miscellaneous sites ..	441, 442
Mobile River basin	441, 442
Pascagoula River basin	442
Dissolved, definition of	17
Dissolved oxygen, definition of	17
Dissolved-solids concentration, definition of	17
Diversity index, definition of	17
Docena, Village Creek near	280-285
Downstream order and station numbers	5
Drainage area, definition of	17
Drainage basin, definition of	17
Dry mass, definition of	17
Dry weight, definition of	17
Duck River near Berlin	237
East Fork Pinhook at Winchester Road at Huntsville	432
Elba, Pea River at	74
Elliotts Creek at Moundville	305
Ellisville, Terrapin Creek at	103
Elrod, Sipsey River near	233
Elsanor, Styx River near	92
Ensley, Village Creek at Ave. W at	273-278
Enterococcus bacteria, definition of	17
Enterprise, Little Double Bridges Creek near	71
EPT index, definition of	17
Escambia River basin, gaging-station records in	76-90
water-quality miscellaneous sites in	487
Escambia River near Century, Fla.	90
Escatawpa River near Agricola, Miss	379
Escherichia coli, definition of	17
Estimated (E) value, definition of	17
Ethelsville, Kincaide Creek tributary near	440
Eufaula, Chattahoochee River at Coast Guard Dock at	62
Euglenoids, definition of	17
Eutaw, Black Warrior River	
at Selden Lock and Dam near	306
below Selden Lock and Dam near	307
Evergreen, Murder Creek near	84
Explanation of records	4-14
Extractable organic halides, definition of	17

Page

Fagan Creek at Adams Street at Huntsville	430
Fairview, Collins Creek at Glenwood Road near	442, 457, 458
Crooked Creek near	383-385
Juniper Creek at Glenwood Road near	442, 455, 456
Farley, Aldridge Creek near	429
Fecal coliform bacteria, definition of	17
Fecal streptococcal bacteria, definition of	17
Fire algae, definition of	17
Fish River basin, gaging station records in	93, 94
Fish River near Silver Hill	94
Fivemile Creek at Ketona	256
at Lawson Road near Tarrant City	254
below Prudes Creek near Graysville	263-268
near Republic	257-262
Flint River at Brownsboro	402-409
Flood-hydrograph stations	423-439
Mobile River basin	423-425
Tennessee River basin	426-439
Florence, Tennessee River at	416-418
Flow-duration percentiles, definition of	17
Foley, Magnolia River at U.S. Highway 98 near	93
Fort Payne, West Fork Little River at Desoto State Park near	100
Fort Mitchell, Uchee Creek near	60
Fowl River at Halfmile Road near Laurendine	371

Gadsden, Coosa River at	105
at Gadsden Steamplant near	104
Gage datum, definition of	18
Gage height, definition of	18
Gage values, definition of	18
Gaging stations, definition of	18
Gainesville, Tombigbee River at Heflin Lock and Dam near	234
Garden City, Mulberry Fork near	239
Gas chromatography, definition of	18
Gaylesville, Chattooga River above	97-99
Geiger, Bodka Creek near	236
Noxubee River near	235
Georgetown, Juniper Creek at Jack Williams Road near	451, 452
Goodwater, unnamed tributary near	441
Grayson, Sipsey Fork near	241
Graysville, Fivemile Creek below Prudes Creek near	263-268
Green algae, definition of	18
Greenwood, Shades Creek near	199
Ground-water records	580-611
Montgomery County Mtg-3	29, 580
Tuscaloosa County TW-5	581
Ground-water records, explanation of	12, 13
Guntersville Lake	420

H. Neely Henry Reservoir	373
Habitat quality index, definition of	18
Hackneyville, Hillabee Creek near	127
Halls Creek at Bessemer	288
Hamilton, Buttahatchee River below	221
Hamilton Creek at J.B. Converse Lake intake near Semmes	479-481
at Powerline near Semmes	476-478
at Snow Road near Semmes	386-388
below Semmes	474, 475
Hamilton Creek cross-section at mouth near Semmes	482-485
Hanceville, Broglan Branch near	442

Page

Hardness, definition of	18
Harris Creek near Campbell	440
Harris Reservoir	376
Hatchet Creek below Rockford	114
Heflin, Tallapoosa River near	120
Helena, Buck Creek near	441
Cahaba River near	197
Hester Creek near Plevna	394-401
High Pine Creek near Roanoke	125
High tide, definition of	18
Hillabee Creek near Hackneyville	127
Hilsenhoff's Biotic index, definition of	18
Holt, Black Warrior River at Holt Lock and Dam near	295
Black Warrior River below Holt Lock and Dam near	296
Homewood near, Shades Creek	198
Hoover, Cahaba River near	177-182
Horizontal datum, definition of	18
Huntsville, Aldridge Creek at Sherwood Drive near	428
Aldridge Creek at Toney Drive at	427
Big Cove Creek at Dug Hill Road at	426
Broglan Branch at	437
Broglan Branch at Oakwood Avenue at	436
Dallas Branch at	434
East Fork Pinhook Creek at Winchester Road at	432
Fagan Creek at Adams Street at	430
Huntsville Springs Branch near	438
Martin Hollow near	440
McDonald Creek near	439
Pinhook Creek at	435
Pinhook Creek at Mastin Lake Road at	433
West Fork Pinhook Creek at Blue Springs Road at	431
Huntsville Spring Branch near Huntsville	438
Hydrologic benchmark network, definition of	4, 18
Hydrologic index station, definition of	18
Hydrologic unit, definition of	18

Index	663-669
Inch, definition of	18
Indian Creek (tributary to Tennessee River) near Madison	412
Instantaneous discharge, definition of	18
Introduction	1

Jackson Branch at Howard Morris Road near Wilmer	449, 450
Johns, Valley Creek near	442
Jones, Mulberry Creek at	153
Jordan Lake	375
Juniper Creek at Coleman Dairy Road near Wilmer	453, 454
at Glenwood Road near Fairview	442, 455, 456
at Jack Williams Road near Georgetown	451, 452

Kelly Creek (tributary to Coosa River) near Vincent	110
Ketona, Fivemile Creek at	256
Kincaide Creek trib. near Ethelsville	440
Kushla, Chickasaw Creek near	323

Laboratory Reporting Level, definition of	18
Lake Martin	377
Lakes and reservoirs:	
Guntersville Lake	420
H. Neely Henry Reservoir	373

Page

Page

Lakes and reservoirs: (continued)

Harris Reservoir	376
Jordan Lake	375
Lake Martin	377
Lay Lake	375
Lewis Smith Reservoir	378
Logan Martin Reservoir	374
Mitchell Lake	375
Walter F. George Lake	65
Weiss Lake	372
West Point Lake	64
Wheeler Lake	421
Wilson Lake	422
Lake Tuscaloosa near Tuscaloosa	300
Land surface datum, definition of	18
Latitude-longitude system	5
Laurendine, Fowl River at Halfmile Road near	371
Lay Lake	375
Leeds, Little Cahaba River below	164-169
Little Cahaba River near	170-175
Leesburg, Coosa River at	102
Lewis Smith Reservoir	378
Light-attenuation coefficient, definition of	18
Limestone Creek near Athens	413
Lincoln, Choccolocco Creek at Jackson Shoals near	109
Lipid, definition of	18
List of active and discontinued continuous-record surface-water discharge stations	627-633
of active and discontinued continuous-record surface-water-quality stations	635, 636
of active and discontinued continuous-record surface-water stage stations	634
of active and discontinued partial-record and miscellaneous surface-water-quality stations ..	637-662
Little Cahaba River below Leeds	164-169
near Leeds	170-175
Little Canoe Creek near Springville	441
Little Double Bridges Creek near Enterprise	71
Little River (tributary to Coosa River) near Blue Pond	101
Little Tallapoosa River below Bowdon, Ga.	121
Little Tallapoosa River near Newell	122
Livingston, Sucarnoochee River at	311
Loachapoka, Soughatchee Creek near	128
Locust Fork at Sayre	253
near Cleveland	246
Logan Martin Reservoir	374
Long-Term Method Detection Level, definition of	18
Lost Creek above Parrish	245
Low tide, definition of	19
Luxapallila Creek at Millport	425

Macrophytes, definition of	18
Madison, Indian Creek near	412
Magnolia River at U.S. Highway 98 near Foley	93
Manchester, Blackwater Creek near	243
Map showing location of surface-water stations	
In Alabama River basin	39
In Apalachicola, Choctawhatchee, Yellow, and Blackwater River basins	35
In Black Warrior River basin	44
In Cahaba River basin	40
In Coosa River basin	37
In Escambia, Perdido, and Fish River basins	36
In Escatawpa River basin	47

Map showing location of surface-water stations (continued)

in Locust Fork River basin	43
in Lower Tennessee River basin	50
in Lower Tombigbee River basin	45
in Middle Tennessee River basin	49
in Mobile River basin	46
in Mulberry Fork River basin	42
in Tallapoosa River basin	38
in Upper Tennessee River basin	48
in Upper Tombigbee River basin	41
of observation wells	51
of water-quality precipitation site	52
Marion Junction, Cahaba River near	209-211
Precipitation Station near	612
Martin Hollow near Huntsville	440
McDonald Creek near Huntsville	439
McKenzie, Sepulga River near	81
McVillie, Scarham Creek near	389-392
Mean concentration of suspended sediment, definition of	19
Mean discharge, definition of	19
Mean high or low tide, definition of	19
Mean sea level, definition of	19
Measuring point, definition of	19
Membrane filter, definition of	19
Memphis, Bogue Chitto Creek near	223-231
Metamorphic stage, definition of	19
Method Detection Limit, definition of	19
Methylene blue active substances, definition of	19
Micrograms per gram, definition of	19
Micrograms per kilogram, definition of	19
Micrograms per liter, definition of	19
MicroSiemens per centimeter, definition of	19
Milligrams per liter, definition of	19
Millport, Luxapallila Creek at	425
Mills Creek near Dewey	96
Milstead, Tallapoosa River at	132
Minimum Reporting Level, definition of	19
Miscellaneous sites, definition of	19
Mitchell Lake	375
Mobile, Precipitation Station at	613, 614
Threemile Creek at Fillingim Street at	443, 444
Threemile Creek at Stanton Road at	340-351
Toulmins Spring Branch at Graham Avenue at	447, 448
unnamed tributary to Threemile Creek at Center Street at	445, 446
Mobile River at Bucks	440
Mobile River basin, crest-stage partial-record stations in	440
discharge measurements at miscellaneous sites in ..	441, 442
flood-hydrograph partial-record stations in	423-425
gaging station records in	95-371
reservoirs in	372-378
water-quality miscellaneous sites in	488-497
water-quality partial-record stations in	443-448
Monroeville, Alabama River at Claiborne	
Lock and Dam near	213
Alabama River below Claiborne Lock and Dam near ..	214
Montgomery, Alabama River at	146
Alabama River near	147-149, 423, 424
Catoma Creek near	150
Tallapoosa River near	133, 134
Three Mile Branch at North Boulevard at	135-145
Most probable number, definition of	19
Moundville, Elliotts Creek at	305
Mountain Brook, Cahaba River near	163
Mulberry Creek at Jones	153

Page

Page

Mulberry Fork at Cordova.....	244
near Arkadelphia.....	240
near Garden City.....	239
Mulga, Village Creek near.....	442
Multiple-plate samples, definition of	19
Murder Creek at Brewton.....	85, 86
near Evergreen.....	84

Nanafalia, Tombigbee River near.....	312
Nanograms per liter, definition of.....	19
National Geodetic Vertical Datum, definition of	19
National stream-quality accounting network, definition of	4
National trends network, definition of.....	4
National water-quality assessment, definition of.....	4
Natural substrate, definition of	19
Nekton, definition of.....	19
Nephelometric turbidity unit, definition of.....	19
New Site, Tallapoosa River near.....	126
Newell, Little Tallapoosa River near.....	122
Newton, Choctawhatchee River near.....	66-68
Norrell Branch near Dadeville.....	440
North American Vertical Datum 1988 (NGVD 1988), definition of.....	19
North River near Samantha.....	297
Northport, Black Warrior River at Oliver Lock & Dam at.....	301-303
Noxubee River near Geiger.....	235
Numbering system for wells and miscellaneous sites	5

Oak Grove, Valley Creek near.....	290
Opelika, Sougahatchee Creek near.....	441
Open or screened interval, definition of	20
Organic carbon, definition of	20
Organic mass, definition of.....	20
Organism count/area, definition of.....	20
Organism count/volume, definition of.....	20
Organochlorine compounds, definition of.....	20
Orrville, Bogue Chitto Creek near.....	441
Oxford, Choccolocco Creek at.....	108

Paint Rock River near Woodville.....	393
Parameter Code, definition of	20
Parkwood, Shades Creek at.....	441
Parrish, Lost Creek above.....	245
Partial-record station, definition of.....	20
Particle size, definition of.....	20
Particle-size classification, definition of	20
Pascagoula River basin, discharge measurements at miscellaneous sites in.....	442
gaging-station records in.....	379-388
water-quality partial-record stations in.....	449-485
Patsalliga Creek near Brantley.....	77
Patton Creek near Bluff Park.....	441
Pea River at Elba.....	74
near Arlton.....	72, 73
tributary near Roeton.....	440
Peak flow (peak stage), definition of	20
Pelham, Cahaba Valley Creek at Cross Creek Road at.....	184-196
Percent composition (percent of total), definition of.....	20
Percent shading, definition of.....	20
Perdido River at Barrineau Park, Fla.....	91
Perdido River basin, gaging-station records in	91, 92

Periodic-record station, definition of.....	20
Periphyton, definition of	20
Pesticides, definition of	20
pH, definition of	20
Phytoplankton, definition of.....	20
Pickensville, Tombigbee River at Beville Lock and Dam near.....	222
Picocurie, definition of.....	20
Pine Barren Creek near Snow Hill.....	212
Pinhook Creek at Huntsville.....	435
at Mastin Lake Road at Huntsville.....	433
Pinson, Turkey Creek at Sewage Plant near.....	247-252
Pintlalla, Pintlalla Creek at Liberty Church Road near.....	151, 152
Pintlalla Creek at Liberty Church Road near Pintlalla.....	151, 152
tributary near Sellers	440
Plankton, definition of.....	20
Plevna, Hester Creek near	394-401
Polychlorinated biphenyls, definition of	20
Polychlorinated naphthalenes, definition of.....	21
Popular Spring, Clear Creek at New Hope Church near	242
Pratt City, Village Creek near	279
Precipitation quality records, explanation of.....	13, 14
Precipitation station at Mobile	613, 614
Precipitation station near Marlon Junction.....	612
Prichard, Threemile Creek at U.S. Highway 43 near	352-370
Primary productivity, definition of	21
Primary productivity (carbon method), definition of.....	21
Primary productivity (oxygen method), definition of	21
Publications on Techniques of Water Resources Investigations.....	25-27

Radioisotopes, definition of	21
Recoverable from bed (bottom) material, definition of	21
Recurrence interval, definition of	21
Reece City, Big Wills Creek near	106
Republic, Fivemile Creek near	257-262
Replicate samples, definition of.....	21
Reservoirs: See Lakes and reservoirs	
Return period, definition of	21
River Falls, Conecuh River at Point A Dam at	78-80
River mileage, definition of.....	21
Roanoke, High Pine Creek near	125
Rockford, Hatchet Creek below	114
Roebuck, Village Creek at 86th Street North at	269
Roeton, Pea River tributary near.....	440
Runoff, definition of.....	21

Samantha, Binion Creek below Gin Creek near	299
North River near	297
Satlipa Creek near Coffeetown.....	321
Sayre, Locust Fork at.....	253
Scarham Creek near McVie	389-392
Sea level, definition of.....	21
Sediment, definition of.....	21
Sellers, Pintlalla Creek tributary near.....	440
Selma, Alabama River at.....	154, 155
Semmes, Crooked Creek at Wulff Road near	468, 469
Big Creek Lake cross-section near	470-473
Hamilton Creek at J.B. Converse Lake intake near	479-481
Hamilton Creek at powerline near	476-478
Hamilton Creek at Snow Road near	386-388
Hamilton Creek below.....	474, 475
Hamilton Creek cross-section at mouth near.....	482-485

Page

Sepulga River near McKenzie	81
Seven-day 10-year low flow, definition of	21
Shades Creek at Parkwood	441
near Greenwood	199
near Homewood	198
Silver Hill, Fish River near	94
Sipsey Fork near Grayson	241
Sipsey River near Elrod	233
Smithsonia, Tennessee River at	419
Snow Hill, Pine Barren Creek near	212
Sodium adsorption ratio, definition of	21
Soughatchee Creek near Loachapoka	128
near Opelika	441
South Fork Cowlkee Creek near Batesville	61
Special networks and programs	4
Specific electrical conductance, definition of	21
Spring Hill, Threemile Creek at Zeigler Boulevard at	324-339
Springville, Little Canoe Creek near	441
Stable isotope ratio, definition of	22
Stage, definition of	22
Stage and water-discharge records, explanation of	5-10
Stage-discharge relation, definition of	22
Stanley Crossroads, Big Escambia Creek	
at Sardine Bridge near	89
Streamflow, definition of	22
Styx River near Elsanor	92
Substrate, definition of	22
Substrate Embeddedness Class, definition of	22
Sucarnoochee River at Livingston	311
Sugar Creek (tributary to Tallapoosa River)	
near Alexander City	441
Summary of hydrologic conditions	2, 3
Surface area of a lake, definition of	22
Surficial bed material, definition of	22
Suspended, definition of	22
Suspended recoverable, definition of	22
Suspended sediment, definition of	22
Suspended-sediment concentration, definition of	22
Suspended-sediment discharge, definition of	22
Suspended-sediment load, definition of	22
Suspended total, definition of	22
Suspended solids, total residue, definition of	22
Suttle, Cahaba River near	208
Synoptic studies, definition of	22
Talladega Creek at Alpine	111
Tallapoosa, Ga., Tallapoosa River below	119
Tallapoosa River at Wadley	123, 124
at Milstead	132
below Tallapoosa, Ga.	119
below Tallassee	129, 130
near Heflin	120
near Montgomery	133, 134
near New Site	126
Tallassee, Tallapoosa River below	129, 130
Tallassee-hatchee Creek near Childersburg	441
Tarrant City, Barton Branch near	255
Fivemile Creek at Lawson Road near	254
Taxa richness, definition of	22
Taxonomy, definition of	22
Temperature preferences, definition of	23
Tennessee River at Decatur	414
at Florence	416-418
at Smithsonia	419
at Whitesburg	410, 411

Page

Tennessee River basin, crest-stage partial record stations	440
flood-hydrograph partial-record stations in	426-439
gaging-station records in	389-419
reservoirs in	420-422
water-quality miscellaneous sites in	498
Terms, definition of	15-24
Terrapin Creek at Ellisville	103
Thermograph, definition of	23
Thomasville, Bassett Creek at U.S. Highway 43 near	322
Three Mile Branch at North Boulevard at Montgomery	135-145
Threemile Creek at Fillingim Street at Mobile	443, 444
at Stanton Road at Mobile	340-351
at U.S. Highway 43 near Prichard	352-370
at Zeigler Boulevard at Spring Hill	324-339
Time-weighted average, definition of	23
Tombigbee River at Bevil Lock and Dam near Pickensville ...	222
at Coffeeville Lock and Dam near Coffeeville	313
at Demopolis Lock and Dam near Coatopa	308, 309
at Heflin Lock and Dam near Gainesville	234
below Coffeeville Lock and Dam near Coffeeville	314-320
below Demopolis Lock and Dam near Coatopa	310
near Cochran	232
near Nanafalia	312
Tons per acre-foot, definition of	23
Tons per day, definition of	23
Total, definition of	23
Total coliform bacteria, definition of	23
Total discharge, definition of	23
Total in bottom material, definition of	23
Total length, definition of	23
Total load, definition of	23
Total organism count, definition of	23
Total recoverable, definition of	23
Total-sediment discharge, definition of	23
Total-sediment load, definition of	23
Toulmins Spring Branch at Graham Avenue at Mobile	447, 448
Trophic group, definition of	23
Trussville, Cahaba River at	156-162
Turbidity, definition of	23
Turkey Creek (tributary to Locust Fork)	
at Sewage Plant near Pinson	247-252
Turkey Creek (tributary to North River)	
near Tuscaloosa	298
Tuscaloosa, Black Warrior River below	
Oliver Lock and Dam at	304
Lake Tuscaloosa near	300
Turkey Creek near	298
Tuskegee, Uphabee Creek near	131
Uchee Creek near Fort Mitchell	60
Ultraviolet (UV) absorbance, definition of	24
Unnamed tributary near Goodwater	441
Unnamed tributary to Threemile Creek at Center Street	
at Mobile	445, 446
Uphabee Creek near Tuskegee	131
Valley Creek at Center Street at Birmingham	286
below Bessemer	289
near Bessemer	287
near Johns	442
near Oak Grove	290
Vertical datum, definition of	24
Village Creek at Apalachee Street at Birmingham	270
at Ave. W at Ensley	273-278

INDEX

669

Page

Village Creek (continued)	
at 24th Street at Birmingham	271, 272
at 86th Street North at Roebuck	269
near Docena	280-285
near Mulga	442
near Pratt City	279
Vincent, Kelly Creek near	110
Volatile organic compounds, definition of	24
Wadley, Tallapoosa River at	123, 124
Walter F. George Lake	65
Water discharge and stage records, explanation of	5-10
Water-quality miscellaneous sites, analyses	
of samples collected at	486-498
Water-quality partial-record stations,	
analyses of samples collected at	443-485
Water-quality records, explanation of	10, 11
Water table, definition of	24
Water-table aquifer, definition of	24
Water year, definition of	24
WDR, definition of	24
Weighted average, definition of	24
Weiss Lake	372

Page

West Fork Little River at Desoto State Park near Fort Payne ..	100
West Fork Pinhook Creek at Blue Springs Road	
at Huntsville	431
West Point, Ga., Chattahoochee River at	55, 56
West Point Lake	64
Wet mass, definition of	24
Wet weight, definition of	24
Wetumpka, Coosa River at	118
Coosa River at Jordan Dam near	115-117
Wheeler Lake	422
Whitesburg, Tennessee River at	410, 411
Wilmer, Big Creek at County Road 63 near	380-382
Big Creek Lake at U.S. Highway 98 near	459-461
Big Creek Lake below Mill Branch near	464-467
Boggy Branch near	442, 462, 463
Jackson Branch at Howard Morris Road near	449, 450
Juniper Creek at Coleman Dairy Road near	453, 454
Wilson Lake	422
Wilsonville, Coosa River at Gaston Steamplant near	113
Woodville, Paint Rock River near	393
WSP, definition of	24
Zooplankton, definition of	24

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^1	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^0	kilometer
Area		
acre	4.047×10^3	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi ²)	2.590×10^0	square kilometer
Volume		
gallon (gal)	3.785×10^0	liter
	3.785×10^0	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^3	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft ³)	2.832×10^1	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^3	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
Flow		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second
	2.832×10^1	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^1	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
Mass		
ton (short)	9.072×10^{-1}	megagram or metric ton

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment for the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.



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