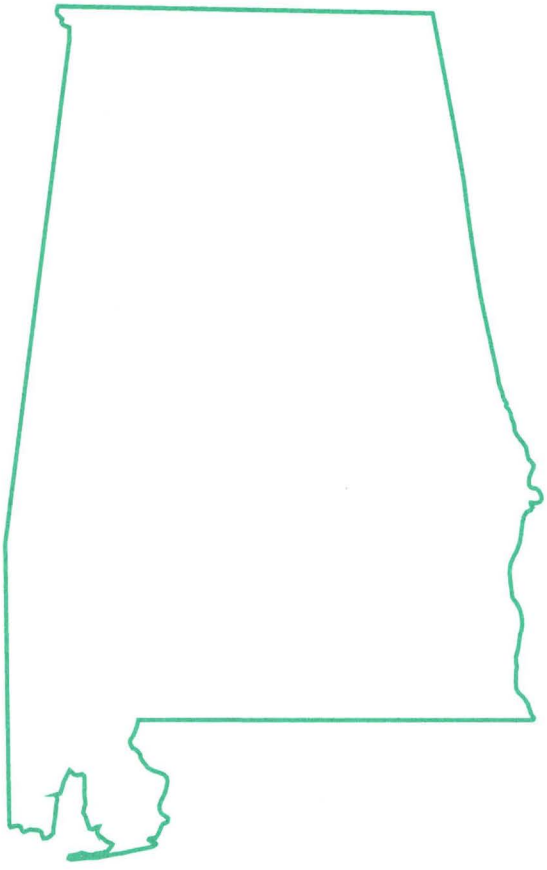
USGS
science for a changing world

Water Resources Data
Alabama
Water Year 2000

Water-Data Report AL-00-1



U.S. GEOLOGICAL SURVEY
RESTON, VA.
AUG 2 2 2001
SR
LIBRARY

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

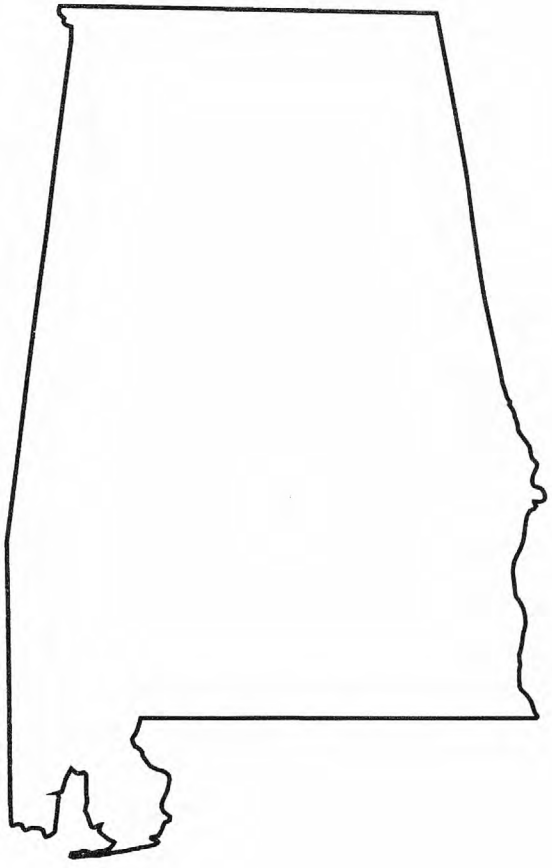
Prepared in cooperation with the Alabama Department of Environmental Management, the Alabama Department of Transportation, and with other State, municipal, and Federal agencies

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

Water Resources Data Alabama Water Year 2000

By J.L. Pearman, V.E. Stricklin, and W.L. Psinakis

Water-Data Report AL-00-1



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

U.S. DEPARTMENT OF THE INTERIOR
GALE A. NORTON, Secretary

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

For information on the water program in Alabama, write to

District Chief, Water Resources Division
U.S. Geological Survey
2350 Fairlane Dr., Suite 120
Montgomery, Alabama 36116

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:

J.B. Atkins	S.L. Hartley	J.B. Mitchell
D.D. Batemon	T.S. Hedgecock	W.S. Mooty
D.L. Berlin	B.F. Johnston	R.S. Moreland
R.N. Brendlinger III	C.A. Journey	T.J. Neighbors
B.J. Caskey	W.K. Keily	J.R. Richardson
M.R. Dickman	R.E. Kidd	J.L. Robinson
R.L. Fondren	D.S. Lambeth	W.T. Seibels
A.C. Gill	A.K. McPherson	M.T. Smith
W.A. Hard		H. Zappia

The report was typed by Elizabeth A. Meadows

This report was prepared in cooperation with the State of Alabama and with other agencies.

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY *(Leave blank)*	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	July 2001	**Annual--October 1, 1999 to September 30, 2000**

4. TITLE AND SUBTITLE

Water Resources Data - Alabama - Water Year 2000

5. FUNDING NUMBERS

6. AUTHOR(S)

J.L. Pearman, V.E. Stricklin, and W.L. Psinakis

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

U.S. Geological Survey, Water Resources Division
2350 Fairlane Dr., Suite 120
Montgomery, Alabama 36116

8. PERFORMING ORGANIZATION REPORT NUMBER

USGS-WDR-AL-00-1

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)

U.S. Geological Survey, Water Resources Division
2350 Fairlane Dr., Suite 120
Montgomery, Alabama 36116

10. SPONSORING / MONITORING AGENCY REPORT NUMBER

USGS-WDR-AL-00-1

11. SUPPLEMENTARY NOTES

Prepared in cooperation with Federal, State, and local agencies.

12a. DISTRIBUTION / AVAILABILITY STATEMENT

No restriction on distribution. This report may be purchased from National Technical Information Service, Springfield, Virginia 22161

12b. DISTRIBUTION CODE

13. ABSTRACT *(Maximum 200 words)*

Water resources data for the 2000 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 130 streamflow-gaging stations, for 41 partial-record or miscellaneous streamflow stations; (2) stage and content records for 14 lakes and reservoirs and stage at 40 stations; (3) water-quality records for 18 streamflow-gaging stations, for 61 ungaged streamsites, and for 2 precipitation stations; (4) water temperature and specific conductance at 14 surface-water stations; (5) dissolved oxygen at 11 stations; (6) sediment data at 50 stations; (7) chemical analyses of bed material at 6 stations; (8) water-level records for 3 recording observation wells; and (9) water-quality records for 52 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.

14. SUBJECT TERMS

Alabama, *Hydrologic data, *Surface water, *Ground water, *Water quality, Flow rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses.

15. NUMBER OF PAGES

722

16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
Unclassified	**Unclassified**		

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 ... 23
Station records, surface water ... 51
  Discharge at partial-record and miscellaneous sites ... 404
    Flood hydrograph partial-record stations ... 404
    Crest-stage partial-record stations ... 420
    Discharge measurements at partial record and miscellaneous sites ... 421
  Analyses of samples collected at water-quality partial-record stations ... 423
  Analyses of samples collected at miscellaneous stations ... 489
  Water-quality data collected during short-term studies ... 503
Station records, ground-water ... 619
  Ground-water levels ... 619
  Ground-water quality data collected during short-term studies ... 622
Analysis of samples collected at precipitation stations ... 658
Index ... 707

ILLUSTRATIONS

Page

Figure 1. System for numbering wells and miscellaneous sites (latitude and longitude) 5
2. Comparison of discharge for water year 2000 to the base period 1961-90 at two long-term representative gaging stations 27
3. Comparison of monthly low water levels for water year 2000 to the highest and lowest monthly low water levels for the period of record for an observation well 28
4. Map showing location of surface-water stations in Apalachicola, Choctawhatchee, Yellow, and Blackwater River basins 33
5. Map showing location of surface-water stations in Escambia, Perdido, and Fish River basins 34
6. Map showing location of surface-water stations in Coosa River basin 35
7. Map showing location of surface-water stations in Tallapoosa River basin 36
8. Map showing location of surface-water stations in Alabama River basin 37
9. Map showing location of surface-water stations in Cahaba River basin 38
10. Map showing location of surface-water stations in Upper Tombigbee River basin 39
11. Map showing location of surface-water stations in Mulberry Fork River basin 40
12. Map showing location of surface-water stations in Locust Fork River basin 41
13. Map showing location of surface-water stations in Black Warrior River basin 42
14. Map showing location of surface-water stations in Lower Tombigbee River basin 43
15. Map showing location of surface-water stations in Mobile River basin 44
16. Map showing location of surface-water stations in Escatawpa River basin 45
17. Map showing location of surface-water stations in Upper Tennessee River basin 46
18. Map showing location of surface-water stations in Middle Tennessee River basin 47
19. Map showing location of surface-water stations in Lower Tennessee River basin 48
20. Map showing location of observation wells 49
21. Map showing location of water-quality precipitation site 50

TABLES

Table 1. Mean, maximum, and minimum streamflow for water year 2000 and recurrence intervals at selected stations 3
2. Sites in Alabama by basin and figure number 29
3. Peak discharges and peaks above base for water year 2000 660

LISTS

List of active and discontinued continuous-record surface-water discharge stations 671
List of active and discontinued continuous-record surface-water stage stations 678
List of active and discontinued continuous-record surface-water-quality stations 679
List of active and discontinued partial-record and miscellaneous surface-water-quality stations 681

[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]

	Station number	Page
EASTERN GULF OF MEXICO BASINS		
APALACHICOLA RIVER BASIN		
Chattahoochee River (head of Apalachicola River) at West Point, Ga. (dg)	02339500	53
Chattahoochee River at Columbus, Ga. (dg)	02341500	54
Uchee Creek near Fort Mitchell (d)	02342500	55
South Fork Cowikee Creek near Batesville (d)	02342933	56
Chattahoochee River at Coast Guard Dock at Eufaula (e)	0234296910	57
Chattahoochee River near Columbia (d)	02343801	58
Lakes and Reservoirs in Apalachicola River basin in Alabama		59
CHOCTAWHATCHEE RIVER BASIN		
Choctawhatchee River near Newton (dg)	02361000	61
Double Bridges Creek:		
Little Double Bridges Creek near Enterprise (d)	02362240	64
Pea River at Ariton (d)	02363000	65
Pea River at Elba (g)	02364000	66
BLACKWATER RIVER BASIN		
Blackwater River near Bradley (d)	02369800	67
ESCAMBIA RIVER BASIN		
Conecuh River (head of Escambia River) at Brantley (d)	02371500	68
Patsaliga Creek near Brantley (d)	02372250	69
Conecuh River below Point "A" Dam at River Falls (dg)	02372422	70
Sepulga River near McKenzie (d)	02373000	73
Conecuh River at State Highway 41 near Brewton (dg)	02374250	74
Murder Creek near Evergreen (d)	02374500	76
Murder Creek at Brewton (dg)	02374700	77
Burnt Corn Creek at State Highway 41 near Brewton (dg)	02374745	79
Big Escambia Creek at Sardine Bridge, near Stanley Crossroads (d)	02374950	81
Escambia River near Century, Fla (d)	02375500	82
PERDIDO RIVER BASIN		
Perdido River at Barrineau Park, Fla. (d)	02376500	83
Styx River near Elsanor (d)	02377570	84
FISH RIVER BASIN		
Magnolia River at U.S. Highway 98 near Foley (d)	02378300	85
Fish River near Silver Hill (d)	02378500	87
MOBILE RIVER BASIN		
Coosa River (head of Alabama River) (Mobile River main stem)		
Chattooga River at Chattoogaville, Ga. (d)	02398037	88
Chattooga River above Gaylesville (dcs)	02398300	89
West Fork Little River at Desoto State Park and near Fort Payne (d)	02398950	95
Little River near Blue Pond (d)	02399200	96
Coosa River at Leesburg (e)	02399500	97
Terrapin Creek at Ellisville (d)	02400100	98
Coosa River at Gadsden Steamplant near Gadsden (g)	02400496	99
Coosa River at Gadsden (g)	02400500	100
Big Wills Creek near Reece City (d)	02401000	101
Big Canoe Creek at Ashville (d)	02401390	102
Choccolocco Creek at Oxford (d)	02403395	103
Choccolocco Creek at Jackson Shoals near Lincoln (d)	02404400	104
Kelly Creek near Vincent (d)	02405500	105
Talladega Creek at Alpine (d)	02406500	106
Coosa River at Childersburg (g)	02407000	107
Coosa River at Gaston Steamplant near Wilsonville (g)	02407526	108
Hatchet Creek below Rockford (d)	02408540	109
Coosa River at Jordan Dam near Wetumpka (d)	02411000	110
Coosa River at Wetumpka (g)	02411600	112
Tallapoosa River below Tallapoosa, Ga. (d)	02411930	113
Tallapoosa River near Heflin (d)	02412000	114
Little Tallapoosa River below Bowdon, Ga. (d)	02413210	115
Little Tallapoosa River near Newell (d)	02413300	116
Tallapoosa River at Wadley (dg)	02414500	117
High Pine Creek near Roanoke (d)	02414525	119
Tallapoosa River near New Site (d)	02414715	121
Hillabee Creek near Hackneyville (d)	02415000	122
Sougahatchee Creek near Loachapoka (d)	02418230	123
Tallapoosa River below Tallassee (d)	02418500	124
Uphapee Creek near Tuskegee (d)	02419000	126
Tallapoosa River at Milstead (g)	02419500	127
Tallapoosa River near Montgomery (dg)	02419890	128
Three Mile Branch at North Boulevard at Montgomery (dcs)	02419977	130
Alabama River (continuation of Coosa River):		
Alabama River at Montgomery (g)	02419988	138
Catoma Creek near Montgomery (d)	02421000	139
Pintlalla Creek at Liberty Church Road near Pintlalla (dcs)	02421115	140
Mulberry Creek at Jones (d)	02422500	145

	Station number	Page
EASTERN GULF OF MEXICO BASINS--Continued		
MOBILE RIVER BASIN--Continued		
Alabama River at Selma (gs)	02423000	146
Cahaba River at Trussville (dtko)	02423130	148
Big Black Creek near Leeds (d)	02423190	154
Cahaba River near Mountain Brook (d)	02423380	156
Little Cahaba River below Leeds (dtko)	02423397	157
Little Cahaba River near Leeds (dtko)	02423398	163
Cahaba River near Cahaba Heights (d)	02423425	169
Cahaba River near Hoover (dtko)	02423496	170
Cahaba River near Acton (d)	02423500	176
Cahaba Valley Creek at Cross Creek Road at Pelham (dcs)	0242354750	177
Cahaba River near Helena (d)	02423555	191
Shades Creek near Greenwood (d)	02423630	192
Cahaba River at Centreville (dgcs)	02424000	193
Cahaba River near Suttle (d)	02424590	201
Cahaba River near Marion Junction (ds)	02425000	202
Pine Barren Creek near Snow Hill (d)	02427250	205
Alabama River at Claiborne Lock and Dam near Monroeville (d)	02428400	206
Alabama River below Claiborne Lock and Dam near Monroeville (g)	02428401	207
Alabama River at Claiborne (cs)	02429500	208
Tombigbee River:		
Buttahatchee River below Hamilton (d)	02438000	214
Tombigbee River at Bevill Lock and Dam near Pickensville (d)	02444160	215
Bogue Chitto Creek near Memphis (dcs)	02444490	216
Tombigbee River near Cochrane (g)	02444500	222
Sipsey River near Elrod (d)	02446500	223
Tombigbee River at Heflin Lock and Dam near Gainesville (d)	02447025	223
Noxubee River near Geiger (d)	02448500	224
Bodka Creek near Geiger (d)	02448900	226
Mulberry Fork (head of Black Warrior River):		
Duck River near Berlin (g)	02449840	227
Blue Springs Creek near Blountsville (d)	02449882	228
Mulberry Fork near Garden City (d)	02450000	229
Mulberry Fork near Arkadelphia (d)	02450180	230
Sipsey Fork near Grayson (d)	02450250	231
Clear Creek at New Hope Church near Popular Spring (d)	02450825	232
Blackwater Creek near Manchester (d)	02453000	233
Mulberry Fork at Cordova (g)	02453500	234
Lost Creek above Parrish (d)	02454055	235
Locust Fork:		
Graves Creek below Blountsville (d)	02454995	236
Locust Fork near Cleveland (d)	02455000	237
Turkey Creek at Sewage Plant near Pinson (dtko)	02455980	238
Locust Fork at Sayre (d)	02456500	245
Fivemile Creek at Lawson Road near Tarrant City (d)	02456980	246
Barton Branch near Tarrant City (d)	02456998	247
Fivemile Creek at Ketona (d)	02457000	248
Fivemile Creek near Republic (dtko)	02457595	249
Fivemile Creek below Prudes Creek near Graysville (dtko)	02457670	255
Village Creek at 86th Street North at Roebuck (dtko)	02458148	261
Village Creek at Apalachee Street in Birmingham (d)	02458200	269
Village Creek at 24th Street at Birmingham (d)	02458300	270
Village Creek at Ave. W at Ensley (dtko)	02458450	271
Village Creek near Pratt City (d)	02458502	278
Village Creek near Docena (dtko)	02458600	279
Black Warrior River (continuation of Mulberry Fork):		
Valley Creek at U.S. Highway 11 at Birmingham (tko)	02461300	285
Valley Creek near Bessemer (d)	02461500	290
Halls Creek at Bessemer (d)	02461630	291
Valley Creek below Bessemer (d)	02461640	292
Valley Creek near Oak Grove (d)	02462000	293
Black Warrior River at Bankhead Lock and Dam near Bessemer (d)	02462500	294
Black Warrior River below Bankhead Lock and Dam near Bessemer (ecs)	02462501	295
Black Warrior River at Holt Lock and Dam near Holt (d)	02462951	301
Black Warrior River below Holt Lock and Dam near Holt (e)	02462952	302
North River near Samantha (d)	02464000	303
Turkey Creek near Tuscaloosa (d)	02464146	304
Binion Creek below Gin Creek near Samantha (d)	02464360	305
Lake Tuscaloosa near Tuscaloosa (e)	02464800	306
Black Warrior River at Oliver Lock and Dam at Northport (ds)	02465000	307
Black Warrior River below Oliver Lock and Dam at Tuscaloosa (e)	02465005	310
Elliotts Creek at Moundville (d)	02465493	311
Black Warrior River at Selden Lock and Dam near Eutaw (d)	02466030	313
Black Warrior River below Selden Lock and Dam near Eutaw (e)	02466031	314

	Station number	Page
EASTERN GULF OF MEXICO BASINS--Continued		
MOBILE RIVER BASIN--Continued		
Alabama River--Continued		
Tombigbee River at Demopolis Lock and Dam near Coatopa (d)	02467000	315
Tombigbee River below Demopolis Lock and Dam near Coatopa (e)	02467001	316
Sucarnoochee River at Livingston (d)	02467500	317
Tombigbee River near Nanafalia (gs)	02469525	318
Tombigbee River at Coffeeville Lock and Dam near Coffeeville (d)	02469761	320
Tombigbee River below Coffeeville Lock and Dam near Coffeeville (ces)	02469762	321
Satilpa Creek near Coffeeville (d)	02469800	327
Bassett Creek at U.S. 43 near Thomasville (d)	02470072	328
Chickasaw Creek near Kushla (d)	02471001	329
Eightmile Creek at Mobile (d)	0247100550	330
Threemile Creek at Ziegler Boulevard at Springhill (ectk)	02471013	331
Threemile Creek at Stanton Road at Mobile (ectk)	0247101490	337
Threemile Creek at U.S. Highway 43 near Prichard (ectk)	02471016	345
Fowl River at Half Mile Road near Laurendine (d)	02471078	352
Lakes and Reservoirs in Mobile River basin in Alabama		353
PASCAGOULA RIVER BASIN		
Pascagoula River:		
Escatawpa River near Agricola, Miss. (d)	02479560	360
Big Creek at County Road 63 near Wilmer (dc)	02479945	361
Crooked Creek near Fairview (dc)	02479980	364
Hamilton Creek at Snow Road near Semmes (dc)	02480002	368
MISSISSIPPI RIVER BASIN		
Mississippi River:		
OHIO RIVER BASIN		
Ohio River:		
TENNESSEE RIVER BASIN		
Tennessee River:		
Short Creek:		
Scarham Creek near McVille (dcs)	03573182	372
Paint Rock River near Woodville (d)	03574500	376
Flint River:		
Mountain Fork:		
Hester Creek near Plevna (dcs)	0357479650	377
Flint River at Brownsboro (dcs)	03575100	384
Tennessee River at Whitesburg (dg)	03575500	391
Indian Creek near Madison (d)	03575830	393
Limestone Creek near Athens (d)	03576250	394
Tennessee River at Decatur (g)	03577150	395
Big Nance Creek at Courtland (d)	03586500	396
Tennessee River at Florence (dg)	03589500	397
Tennessee River at Smithsonia (g)	03590680	400
Lakes and Reservoirs in Tennessee River basin in Alabama		401
DISCHARGE AND WATER-QUALITY AT PARTIAL-RECORD AND MISCELLANEOUS SITES		
Discharge at partial-record and miscellaneous sites		
Flood hydrograph partial-record stations		404
Crest-stage partial-record station		420
Discharge measurements made at miscellaneous sites		421
Analyses of samples collected at water-quality partial-record stations		423
Analyses of samples collected at miscellaneous stations		489
Water-quality data collected during short-term studies		
National Water-Quality Assessment Program Mobile Study Unit		503
National Water-Quality Assessment Program Lower Tennessee Study Unit		561
Birmingham Watershed Study		569
Mobile River Saltwater Wedge		617

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

GROUND- WATER LEVELS	
Montgomery County	619
St. Clair County	620
Tuscaloosa County	621
GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES	
National Water-Quality Assessment Program Mobile Study Unit	622
National Water-Quality Assessment Program Lower Tennessee Study Unit	644

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

PRECIPITATION-QUALITY RECORD	
Dallas County, near Marion Junction	658
Mobile County, at Mobile	659

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 130 streamflow-gaging stations, for 41 partial-record or miscellaneous streamflow stations; (2) stage and content records for 14 lakes and reservoirs and stage at 40 stations; (3) water-quality records for 18 streamflow-gaging stations, for 61 ungaged streamsites, and for 2 precipitation stations; (4) water temperature and specific conductance at 14 surface-water stations; (5) dissolved oxygen at 11 stations; (6) sediment data at 50 stations; (7) chemical analyses of bed material at 6 stations; (8) water-level records for 3 recording observation wells; and (9) water-quality records for 52 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-00-1.*" 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, including current prices, for ordering specific reports may be obtained from the district chief at the address given on the back of the title page or by telephone (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 Emergency Management
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
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 drought affecting Alabama since 1998 continued to tighten its grip during the 2000 water year, resulting in record minimum streamflows at several gaging stations. All 20 stations listed in Table 1 had mean streamflow for water year 2000 well below their long-term yearly mean streamflows. Nine of these stations had mean streamflows less than 50 percent of their long-term yearly mean streamflows.

Minimum yearly-mean streamflow records were set at Choctawhatchee River near Newton, Conecuh River near Brantley, Tallapoosa River near Heflin, Buttahatchee River below Hamilton, and Chickasaw Creek at Kushla. The mean this year of 80 cubic feet per second for Chickasaw Creek at Kushla was 30 percent less than the previous minimum of 115 cubic feet per second which occurred in 1954.

Monthly mean discharges continued well below the long-term monthly means for all the sites listed in table 1. The notable exception was in April when flooding rains early in the month helped increase mean discharge above the respective long-term April mean discharges for 12 of the stations. This was a very short break in the drought as all 12 of these stations had mean discharges in May of less than half of their respective long-term mean discharges for that month.

Seventeen of the 20 stations set at least one new minimum monthly discharge record during the 2000 water year. Many of these sites set numerous monthly mean discharge records. Uchee Creek and Conecuh River set five new minimum monthly mean discharge records each; Murder Creek set six new records; and Chickasaw River set seven new records, breaking some records established in 1954. The Black Warrior River set a new minimum mean discharge record for February with a mean discharge of 3,232 cubic feet per second, breaking the old record of 3,903 cubic feet per second that occurred in 1898.

The driest month, as it relates to monthly mean discharges, was July when 16 of the 20 stations had mean discharges of 25 percent or less of their respective long-term monthly means. No stations had more than 50 percent of their long-term monthly means.

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 2000 at station Uchee Creek near Fort Mitchell was 27 percent of long-term February mean discharge at that station.

2000 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	75	28	36	52	27	32	7	12	8	3	5	13
02361000	Choctawhatchee River	86	54	44	44	39	34	22	11	13	10	22	48
02371500	Conecuh River	54	34	38	41	23	45	24	10	9	8	7	15
02374500	Murder Creek	76	59	56	49	35	32	22	20	30	20	21	30
02378500	Fish River	94	66	74	51	48	59	44	48	44	32	38	50
02401000	Big Wills Creek	54	36	21	36	25	56	130	39	62	41	52	69
02405500	Kelly Creek	50	15	19	45	24	68	228	28	13	6	23	8
02411000	Coosa River	55	62	32	32	25	46	136	40	33	34	46	50
02412000	Tallapoosa River	25	26	23	42	41	42	68	28	21	8	18	14
02422500	Mulberry Creek	94	56	43	56	32	39	72	37	39	21	24	33
02424000	Cahaba River	86	42	36	43	21	74	162	28	40	34	57	35
02438000	Buttahatchee River	47	40	20	35	22	39	131	21	38	25	24	24
02446500	Sipsey River	63	31	23	41	30	98	190	25	28	17	25	16
02450250	Sipsey Fork	13	12	12	22	19	71	207	13	18	14	18	6
02456500	Locust Fork	22	12	9	23	21	99	194	23	28	15	25	19
02465000	Black Warrior River	33	16	13	32	19	111	217	35	52	43	65	64
02467000	Tombigbee River	41	27	21	31	22	66	166	22	34	24	35	30
02471001	Chickasaw Creek	74	34	42	33	21	35	20	13	18	16	20	31
03574500	Paint Rock River	6	9	11	32	36	80	186	26	51	22	22	22
03586500	Big Nance Creek	2	8	10	26	31	55	212	22	20	19	16	3

Of the stations in table 1, instantaneous peak discharges with recurrence intervals of less than 2 years occurred at 14 stations, less than 5 years at 4 stations, and less than 10 years at 2 stations. This was indicative of the State as a whole as there were few flood events during the year. There was a below average number of peaks above base discharge for the year. The most significant flood events of the 2000 water year occurred on April 4 in northern and central portions of 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 interval 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 2000 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: Yearly mean (ft^3/s)	Mean: Percent of long-term average	Maximum: Peak discharge (ft^3/s)	Maximum: Recurrence interval (years)	Minimum: 7-day average (ft^3/s)	Minimum: Recurrence interval (years)
Uchee Creek near Fort Mitchell	02342500	54	164	38	4,700	<2	3.3	>10
Choctawhatchee River near Newton	02361000	70	325	34	2,350	<2	43	>10
Conecuh River at Brantley	02371500	63	192	29	1,660	<2	15	>10
Murder Creek at Evergreen	02374500	63	101	36	378	<2	35	>10
Fish River near Silver Hill	02378500	30	62	53	600	<2	37	>10
Big Wills Creek near Reece City	02401000	41	160	52	4,060	<2	45	>2
Kelly Creek near Vincent	02405500	32	201	61	10,700	<5	2.8	>5
Coosa River at Jordan Dam near Wetumpka	02411000	76	8,470	52	145,000	<2	regulated	
Tallapoosa River near Heflin	02412000	48	249	37	5,740	<2	17	>10
Mulberry Creek at Jones	02422500	58	141	46	4,240	<5	28	>10
Cahaba River at Centreville	02424000	73	979	61	36,300	<5	166	>5
Buttahatchee River below Hamilton	02438000	30	233	45	13,300	<2	19	>10
Sipsey River near Elrod	02446500	57	540	67	11,300	<5	26	>10
Sipsey Fork near Grayson	02450250	34	85	51	6,970	<2	.8	>10
Locust Fork at Sayre	02456500	62	859	59	32,500	<5	28	>10
Black Warrior River at Northport	02465000	80	5,780	73	186,000	<10	regulated	
Tombigbee River at Demopolis L&D near Coatopa	02467000	72	13,100	55	223,000	<10	regulated	
Chickasaw Creek near Kushla	02471001	49	80	29	824	<2	19	>10
Paint Rock River near Woodville	03574500	64	386	57	17,500	<2	7.2	>5
Big Nance Creek at Courtland	03586500	53	140	50	6,230	<2	1.0	>5

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by the activities of man. Additional informatin can be found at: http://water.usgs.gov/hbn.

National Stream Quality Accounting Network (NASQAN) monitors the water quality of large rivers within four of the Nation's largest river basins--the Mississippi, Columbia, Colorado, and Rio Grande. The network consists of 39 stations. 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 affects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals. Additional information 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 climate of 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.

Data from the network, as well as information about individual sites, are available through the world wide web at:

http://bqs.usgs.gov/acidrain.

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

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

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 is available through the world wide web 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 2000 water year that began on October 1, 1999, and ended September 30, 2000. 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.

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 mi^2.

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 ft^3/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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	245	836	455	548	1210	733	1250	48	44	23	113	103
2	298	430	164	528	824	925	1030	528	44	23	162	81
3	92	85	254	350	996	730	1260	62	130	218	27	23
4	136	657	320	340	657	453	391	449	42	22	244	23
5	115	586	250	746	792	756	1130	38	40	22	175	248
6	73	450	191	270	849	822	785	265	131	22	136	21
7	182	510	286	587	574	1000	658	38	39	187	22	97
8	220	171	119	494	299	1110	1140	298	39	21	107	131
9	384	186	506	659	858	1350	633	182	41	145	184	118
10	650	437	157	1050	568	1330	237	190	215	149	183	251
11	240	207	553	924	422	338	632	59	40	21	53	22
12	837	303	447	1590	638	599	320	281	40	22	62	304
13	912	249	286	1070	479	994	567	162	37	22	19	23
14	631	219	328	1280	1010	1130	1120	143	34	23	131	23
15	586	332	507	796	674	877	334	186	35	95	24	160
16	426	62	655	648	794	913	664	38	207	22	24	22
17	445	299	317	929	767	750	764	271	36	22	68	21
18	436	179	404	677	952	898	648	40	153	24	24	91
19	26	293	1190	510	582	1420	533	39	51	50	24	21
20	581	209	635	699	731	2110	348	40	135	22	184	228
21	104	214	1310	345	278	2590	379	210	35	23	23	358
22	192	316	1320	684	630	2290	352	41	197	23	23	75
23	247	261	1320	830	620	2250	416	113	23	24	24	75
24	211	253	1320	958	533	2180	348	160	23	25	25	75
25	125	456	911	901	337	2380	254	44	29	26	24	213
26	204	158	1200	1140	306	2660	314	45	383	27	94	74
27	323	303	724	1170	1040	2120	308	79	187	26	24	223
28	206	256	648	1270	478	1720	420	138	23	97	24	75
29	22	45	577	1240	934	1370	182	45	153	128	57	488
30	375	218	333	1430	---	1340	495	134	145	160	23	86
31	22	---	618	1070	---	1240	---	52	---	207	24	---
TOTAL	9546	9180	18305	25733	19832	41378	17912	4418	2731	1921	2331	3753
MEAN	308	306	590	830	684	1335	597	143	91.0	62.0	75.2	125
MAX	912	836	1320	1590	1210	2660	1260	528	383	218	244	488
MIN	22	45	119	270	278	338	182	38	23	21	19	21
CFSM	.24	.24	.46	.65	.54	1.05	.47	.11	.07	.05	.06	.10
IN.	.28	.27	.53	.75	.58	1.21	.52	.13	.08	.06	.07	.11

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 - 2000, BY WATER YEAR (WY)

MEAN	308	306	590	830	684	1335	597	143	91.0	1477	254	150
MAX	308	306	590	830	684	1335	597	143	91.0	2893	433	175
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	1999	1999	1999
MIN	308	306	590	830	684	1335	597	143	91.0	62.0	75.2	125
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	157040			
ANNUAL MEAN			429	429
HIGHEST ANNUAL MEAN			429	2000
LOWEST ANNUAL MEAN			429	2000
HIGHEST DAILY MEAN	2660	Mar 26	12700	Jul 2 1999
LOWEST DAILY MEAN	19	Aug 13	19	Aug 13 2000
ANNUAL SEVEN-DAY MINIMUM	24	Jul 20	24	Jul 20 2000
INSTANTANEOUS PEAK FLOW	3020	Mar 21	13100	Jul 2 1999
INSTANTANEOUS PEAK STAGE	11.02	Mar 21	27.18	Jul 2 1999
ANNUAL RUNOFF (CFSM)	.34		.34	
ANNUAL RUNOFF (INCHES)	4.59		4.58	
10 PERCENT EXCEEDS	1080		1360	
50 PERCENT EXCEEDS	254		310	
90 PERCENT EXCEEDS	24		25	

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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.79	8.65	7.95	8.13	9.17	8.49	9.22	7.43	7.43	7.32	7.52	7.49
2	7.90	8.11	7.55	8.08	8.59	8.75	9.00	8.29	7.43	7.32	7.61	7.44
3	7.46	7.45	7.68	7.85	8.91	8.50	9.22	7.47	7.59	7.74	7.34	7.32
4	7.56	8.25	7.73	7.80	8.42	8.06	8.02	8.03	7.42	7.31	7.79	7.32
5	7.53	8.25	7.68	8.29	8.45	8.59	9.09	7.41	7.41	7.31	7.63	7.78
6	7.45	8.03	7.68	7.66	8.82	8.56	8.60	7.85	7.59	7.31	7.55	7.31
7	7.66	8.11	7.72	8.22	8.42	8.74	8.62	7.40	7.41	7.66	7.31	7.46
8	7.73	7.56	7.49	8.12	7.92	8.83	9.03	7.90	7.41	7.30	7.49	7.54
9	8.08	7.67	8.07	8.31	8.61	9.29	8.26	7.70	7.42	7.56	7.65	7.51
10	8.31	8.04	7.58	8.78	8.19	9.29	7.81	7.70	7.74	7.57	7.65	7.66
11	7.78	7.60	8.20	8.61	8.21	7.89	8.59	7.45	7.41	7.30	7.37	7.31
12	8.51	7.78	8.00	9.52	8.52	8.34	7.97	7.87	7.41	7.31	7.38	7.87
13	8.63	7.77	7.75	8.90	8.12	8.89	8.24	7.66	7.40	7.31	7.29	7.32
14	8.29	7.68	7.91	9.19	8.99	8.89	9.06	7.62	7.38	7.32	7.54	7.31
15	8.18	7.82	8.12	8.49	8.50	8.65	7.85	7.70	7.39	7.47	7.32	7.59
16	8.13	7.39	8.26	8.27	8.54	8.80	8.36	7.40	7.72	7.31	7.33	7.31
17	8.18	7.90	7.79	8.73	8.46	8.70	8.66	7.85	7.39	7.31	7.42	7.30
18	8.01	7.66	7.94	8.32	8.80	8.68	8.40	7.41	7.62	7.32	7.32	7.44
19	7.34	7.74	9.16	8.09	8.44	9.25	8.36	7.41	7.42	7.37	7.33	7.30
20	8.19	7.61	8.28	8.38	8.54	10.07	8.04	7.41	7.58	7.31	7.65	7.73
21	7.49	7.72	9.28	7.90	7.88	10.57	8.06	7.73	7.39	7.32	7.32	7.81
22	7.66	7.77	9.29	8.40	8.38	10.26	8.02	7.42	7.68	7.32	7.32	7.31
23	7.79	7.69	9.29	8.60	8.34	10.22	8.13	7.56	7.32	7.33	7.32	7.31
24	7.72	7.72	9.29	8.92	8.11	10.15	7.95	7.65	7.32	7.33	7.33	7.31
25	7.54	7.93	8.66	8.68	7.84	10.35	7.84	7.43	7.34	7.34	7.33	7.55
26	7.69	7.52	9.15	8.98	7.80	10.65	7.97	7.44	7.92	7.34	7.47	7.30
27	7.94	7.78	8.40	9.12	8.87	10.08	7.94	7.50	7.67	7.34	7.33	7.56
28	7.63	7.65	8.27	9.19	8.22	9.68	8.14	7.61	7.32	7.49	7.33	7.31
29	7.32	7.36	8.17	9.20	8.71	9.34	7.68	7.44	7.59	7.55	7.38	8.03
30	7.88	7.60	7.83	9.40	---	9.31	8.18	7.60	7.57	7.61	7.32	7.34
31	7.31	---	8.42	9.04	---	9.20	---	7.45	---	7.70	7.33	---
MEAN	7.83	7.79	8.21	8.55	8.44	9.20	8.34	7.61	7.49	7.40	7.43	7.47
MAX	8.63	8.65	9.29	9.52	9.17	10.65	9.22	8.29	7.92	7.74	7.79	8.03
MIN	7.31	7.36	7.49	7.66	7.80	7.89	7.68	7.40	7.32	7.30	7.29	7.30

WTR YR 2000 MEAN 7.98 MAX 10.65 MIN 7.29

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 mi^2.
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.--Estimated daily discharges: May 6-9. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	49	49	97	397	285	428	60	19	28	13	2.9
2	21	78	48	92	324	224	321	55	16	24	55	3.8
3	21	114	47	89	263	181	247	51	14	18	59	76
4	29	104	46	98	221	169	228	48	13	22	29	122
5	31	131	46	102	194	163	235	45	12	22	19	64
6	27	94	47	108	174	160	297	e43	12	18	17	53
7	27	72	48	116	158	218	254	e41	11	14	15	43
8	28	61	56	117	148	176	196	e39	10	12	13	33
9	31	54	59	108	141	150	161	e37	9.0	11	25	26
10	95	49	70	229	134	135	140	35	8.7	9.6	55	27
11	223	47	69	311	129	150	125	33	8.3	10	28	30
12	281	46	64	297	126	283	117	31	8.0	25	19	28
13	256	44	89	249	126	388	110	31	10	24	14	24
14	258	43	151	192	212	328	108	30	10	23	12	21
15	144	43	132	152	250	249	205	29	13	16	10	18
16	97	41	160	131	256	212	229	25	17	12	9.6	15
17	78	40	139	121	205	209	181	23	21	9.1	8.5	13
18	66	40	106	115	171	231	152	21	21	7.7	8.0	11
19	57	40	150	111	154	293	123	20	19	6.9	8.5	10
20	51	46	277	109	143	1100	106	18	30	6.4	10	11
21	47	62	373	106	131	1420	92	17	27	6.1	7.9	10
22	44	59	529	104	126	1020	82	20	31	6.0	6.3	11
23	41	62	435	117	127	802	75	18	32	6.1	5.4	10
24	38	62	340	179	119	558	73	22	28	5.7	5.0	10
25	36	73	234	417	115	342	72	31	25	4.9	4.5	9.6
26	35	65	171	437	111	278	77	26	33	4.6	4.0	7.9
27	34	58	142	340	145	349	91	22	28	4.5	4.9	7.1
28	33	54	125	251	221	437	89	20	27	4.2	5.3	7.7
29	31	51	115	309	310	463	76	19	33	3.8	3.6	7.0
30	31	49	107	442	---	380	67	18	31	6.6	3.0	7.4
31	30	---	102	432	---	385	---	22	---	15	2.6	---
TOTAL	2245	1831	4526	6078	5331	11738	4757	950	577.0	386.2	480.1	719.4
MEAN	72.4	61.0	146	196	184	379	159	30.6	19.2	12.5	15.5	24.0
MAX	281	131	529	442	397	1420	428	60	33	28	59	122
MIN	21	40	46	89	111	135	67	17	8.0	3.8	2.6	2.9
CFSM	.15	.13	.31	.42	.39	.81	.34	.07	.04	.03	.03	.05
IN.	.18	.14	.36	.48	.42	.93	.38	.08	.05	.03	.04	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2000, BY WATER YEAR (WY)

MEAN	203	311	596	1004	1288	1671	1190	510	333	349	284	203
MAX	2449	3381	2779	3332	4255	4587	4418	2271	1364	2674	2227	1188
(WY)	1999	1949	1954	1946	1961	1944	1944	1978	1989	1994	1939	1946
MIN	6.66	15.9	40.8	72.5	142	106	121	30.6	19.2	12.5	11.1	4.71
(WY)	1955	1955	1955	1956	1950	1955	1967	2000	2000	2000	1954	1954

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1938 - 2000	
ANNUAL TOTAL	165217		39618.7			
ANNUAL MEAN	453		108		659	
HIGHEST ANNUAL MEAN					1314	1946
LOWEST ANNUAL MEAN					108	2000
HIGHEST DAILY MEAN	9170	Mar 16	1420	Mar 21	29700	Oct 1 1998
LOWEST DAILY MEAN	17	Sep 25	2.6	Aug 31	2.6	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	19	Sep 20	3.7	Aug 27	3.7	Aug 27 2000
INSTANTANEOUS PEAK FLOW			1590	Mar 21	32800	Oct 1 1998
INSTANTANEOUS PEAK STAGE			6.11	Mar 21	27.19	Oct 1 1998
ANNUAL RUNOFF (CFSM)	.96		.23		1.40	
ANNUAL RUNOFF (INCHES)	13.08		3.14		19.05	
10 PERCENT EXCEEDS	1070		277		1680	
50 PERCENT EXCEEDS	170		50		205	
90 PERCENT EXCEEDS	39		8.6		37	

e Estimated

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 SW$^1/_4$NE$^1/_4$ 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 mi^2.
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: Oct. 4-6, May 31, June 1, 3-12. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	576	656	574	944	2280	1570	2060	646	e310	497	372	283
2	491	841	562	994	2280	1720	2280	782	354	480	478	274
3	699	1380	692	1040	1890	1670	2100	585	e320	377	560	286
4	e750	1000	598	1050	1980	1530	1870	731	e310	327	665	423
5	e600	816	578	1020	1650	1520	1720	522	e315	443	577	458
6	e460	1030	609	1050	1580	1220	1570	652	e325	337	594	438
7	478	1030	623	1020	1380	1330	1720	519	e315	293	592	495
8	462	914	607	979	1290	1470	1460	525	e305	289	540	534
9	544	926	625	1160	1260	1800	1650	483	e320	312	440	504
10	808	672	608	1400	1160	1720	1360	550	e300	371	423	480
11	1470	644	697	2210	1220	1790	1170	483	e290	382	520	467
12	1670	710	674	2160	1040	1620	1050	489	e300	342	659	519
13	1270	656	884	2250	1070	1160	1180	460	327	341	509	411
14	1710	679	945	2130	1600	1610	883	527	275	301	355	456
15	1600	601	973	1910	2540	1810	1470	513	275	292	294	396
16	1490	555	869	1650	2020	1900	1320	504	300	295	308	324
17	1090	638	1050	1670	1750	1650	1220	444	318	292	306	322
18	1060	523	1170	1180	1600	1580	1320	420	429	302	276	314
19	861	584	1240	1390	1570	1600	1140	463	364	258	265	268
20	816	542	1920	1190	1520	2350	1210	395	372	217	298	267
21	686	656	1940	1240	1360	3750	1080	351	392	222	272	301
22	777	691	2670	1100	1110	4420	892	367	382	231	329	432
23	607	755	2850	1060	1080	4320	822	461	372	239	297	546
24	545	737	2610	1590	1110	3960	780	403	399	236	253	467
25	572	662	2390	2110	1030	3980	918	371	382	237	241	326
26	593	654	2160	2090	991	3540	933	396	446	228	242	285
27	504	753	1760	2250	1030	3620	734	376	458	225	255	297
28	531	634	1560	2290	1640	3180	740	341	652	229	290	305
29	593	676	1400	2310	1860	2970	783	335	600	221	316	266
30	572	607	1230	2430	---	2620	816	380	461	230	282	312
31	440	---	1150	2530	---	2430	---	e330	---	321	267	---
TOTAL	25325	22222	38218	49397	43891	71410	38251	14804	10968	9367	12075	11456
MEAN	817	741	1233	1593	1513	2304	1275	478	366	302	390	382
MAX	1710	1380	2850	2530	2540	4420	2280	782	652	497	665	546
MIN	440	523	562	944	991	1160	734	330	275	217	241	266
CFSM	.31	.28	.46	.60	.57	.87	.48	.18	.14	.11	.15	.14
IN.	.35	.31	.53	.69	.61	1.00	.53	.21	.15	.13	.17	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	817	741	1233	1593	1513	2304	1275	1607	1674	3570	994	632
MAX	817	741	1233	1593	1513	2304	1275	2737	2983	6838	1599	882
(WY)	2000	2000	2000	2000	2000	2000	2000	1999	1999	1999	1999	1999
MIN	817	741	1233	1593	1513	2304	1275	478	366	302	390	382
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	347384			
ANNUAL MEAN	949		949	
HIGHEST ANNUAL MEAN	949		2000	
LOWEST ANNUAL MEAN	949		2000	
HIGHEST DAILY MEAN	4420	Mar 22	15000	Jul 4 1999
LOWEST DAILY MEAN	217	Jul 20	217	Jul 20 2000
ANNUAL SEVEN-DAY MINIMUM	229	Jul 24	229	Jul 24 2000
INSTANTANEOUS PEAK FLOW	4660	Mar 22	15200	Jul 4 1999
INSTANTANEOUS PEAK STAGE	15.55	Mar 22	23.09	Jul 4 1999
ANNUAL RUNOFF (CFSM)	.36		.36	
ANNUAL RUNOFF (INCHES)	4.86		4.85	
10 PERCENT EXCEEDS	1950		3060	
50 PERCENT EXCEEDS	653		1050	
90 PERCENT EXCEEDS	294		311	

e Estimated

ESCAMBIA RIVER BASIN

ESCAMBIA RIVER MAIN STEM

02374250 (NWS 01-1084-07) CONECUH RIVER AT STATE HIGHWAY 41 NEAR BREWTON, 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	9.12	9.34	9.12	10.08	12.58	11.39	12.14	9.08	---	8.60	8.16	7.70
2	8.86	9.81	9.08	10.20	12.57	11.65	12.50	9.46	8.02	8.54	8.52	7.66
3	9.46	11.02	9.45	10.30	11.95	11.56	12.20	8.88	---	8.15	8.75	7.72
4	---	10.21	9.19	10.32	12.09	11.32	11.80	9.32	---	7.94	9.03	8.30
5	---	9.76	9.13	10.26	11.53	11.28	11.52	8.67	---	8.42	8.70	8.44
6	---	10.28	9.21	10.31	11.39	10.69	11.22	9.08	---	8.00	8.70	8.36
7	8.82	10.28	9.26	10.24	11.03	10.92	11.53	8.65	---	7.81	8.63	8.55
8	8.77	10.01	9.21	10.16	10.83	11.19	11.02	8.67	---	7.80	8.40	8.71
9	9.02	10.04	9.26	10.56	10.78	11.79	11.39	8.52	---	7.91	7.98	8.60
10	9.75	9.39	9.21	11.04	10.57	11.66	10.82	8.76	---	8.17	7.86	8.52
11	11.18	9.32	9.46	12.44	10.69	11.78	10.39	8.53	---	8.22	8.16	8.47
12	11.55	9.50	9.40	12.39	10.30	11.44	10.15	8.55	---	8.06	8.62	8.65
13	10.80	9.35	9.94	12.52	10.38	10.57	10.44	8.44	7.90	8.06	8.25	8.25
14	11.64	9.41	10.09	12.34	11.42	11.44	9.73	8.68	7.67	7.90	8.01	8.42
15	11.44	9.19	10.15	11.98	12.96	11.82	11.02	8.63	7.67	7.86	7.75	8.19
16	11.22	9.06	9.90	11.52	12.16	11.96	10.73	8.60	7.78	7.88	7.82	7.89
17	10.41	9.30	10.31	11.56	11.71	11.53	10.52	8.38	7.86	7.88	7.81	7.88
18	10.35	8.96	10.60	10.61	11.44	11.40	10.73	8.29	8.32	7.92	7.67	7.85
19	9.87	9.14	10.74	11.03	11.39	11.43	10.35	8.45	8.06	7.73	7.62	7.64
20	9.77	9.02	11.98	10.63	11.28	12.65	10.49	8.19	8.09	7.53	7.77	7.63
21	9.43	9.35	12.04	10.74	10.98	14.53	10.21	8.00	8.17	7.55	7.66	7.79
22	9.67	9.45	13.14	10.43	10.44	15.29	9.76	8.07	8.13	7.59	7.91	8.33
23	9.21	9.62	13.41	10.33	10.39	15.18	9.58	8.44	8.09	7.64	7.77	8.75
24	9.03	9.57	13.07	11.41	10.46	14.79	9.46	8.22	8.20	7.62	7.56	8.46
25	9.11	9.37	12.74	12.31	10.28	14.81	9.82	8.09	8.13	7.62	7.51	7.90
26	9.17	9.34	12.39	12.27	10.19	14.30	9.86	8.19	8.39	7.58	7.51	7.71
27	8.91	9.60	11.72	12.53	10.29	14.40	9.33	8.11	8.43	7.57	7.58	7.77
28	8.99	9.29	11.37	12.59	11.46	13.84	9.35	7.96	9.08	7.58	7.74	7.80
29	9.17	9.41	11.04	12.62	11.89	13.54	9.47	7.94	8.94	7.54	7.85	7.62
30	9.11	9.21	10.70	12.80	---	13.03	9.56	8.13	8.46	7.59	7.70	7.84
31	8.70	---	10.55	12.95	---	12.74	---	---	---	8.00	7.63	---
MEAN	---	9.55	10.54	11.34	11.22	12.45	10.57	---	---	7.88	8.02	8.11
MAX	---	11.02	13.41	12.95	12.96	15.29	12.50	---	---	8.60	9.03	8.75
MIN	---	8.96	9.08	10.08	10.19	10.57	9.33	---	---	7.53	7.51	7.62

ESCAMBIA RIVER BASIN

02374500 MURDER CREEK NEAR EVERGREEN, AL

LOCATION.--Lat 31°25'06", long 86°59'12", in SW$^1/_4$NW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	88	148	104	127	178	147	116	53	51	116	42	37
2	80	303	103	127	157	132	111	52	48	73	53	54
3	80	277	104	127	148	123	110	52	46	58	57	63
4	79	150	106	145	141	134	133	51	45	52	65	50
5	90	120	108	168	136	134	151	51	43	47	61	43
6	92	111	126	149	131	124	135	58	44	44	49	41
7	82	109	142	132	130	116	110	64	44	41	43	59
8	79	106	126	125	129	110	101	54	42	40	41	81
9	94	103	119	132	128	108	95	49	42	40	44	71
10	201	103	121	274	126	110	90	47	41	46	44	59
11	353	103	131	290	125	136	88	45	40	45	44	53
12	271	103	125	225	125	235	87	44	39	41	45	47
13	249	102	205	164	131	214	86	45	39	42	42	44
14	144	103	223	145	238	147	109	59	41	41	39	45
15	121	103	163	134	196	126	135	56	49	41	36	91
16	109	101	133	129	150	139	109	46	92	38	35	77
17	103	99	122	128	134	159	90	42	94	36	34	52
18	97	98	125	128	129	142	79	41	140	35	34	45
19	94	99	262	133	126	178	72	40	120	34	34	43
20	92	109	286	140	117	350	67	39	81	33	35	42
21	94	164	283	132	108	297	64	40	66	37	36	42
22	93	161	307	123	104	180	61	68	56	37	36	48
23	90	132	232	141	101	147	58	96	78	35	35	67
24	86	121	166	232	98	133	62	68	85	37	34	58
25	84	118	147	259	97	124	86	59	72	36	34	52
26	85	117	138	193	96	121	82	54	155	35	35	48
27	86	114	134	154	147	141	70	51	115	37	36	49
28	86	109	132	154	248	180	67	49	73	39	38	46
29	85	107	129	250	199	154	61	83	94	38	36	44
30	85	106	127	266	---	137	56	76	158	36	35	42
31	85	---	127	209	---	126	---	57	---	36	34	---
TOTAL	3557	3799	4856	5235	4073	4804	2741	1689	2133	1346	1266	1593
MEAN	115	127	157	169	140	155	91.4	54.5	71.1	43.4	40.8	53.1
MAX	353	303	307	290	248	350	151	96	158	116	65	91
MIN	79	98	103	123	96	108	56	39	39	33	34	37
CFSM	.65	.72	.89	.96	.80	.88	.52	.31	.40	.25	.23	.30
IN.	.75	.80	1.03	1.11	.86	1.02	.58	.36	.45	.28	.27	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2000, BY WATER YEAR (WY)

MEAN	152	217	279	345	401	492	409	275	235	221	191	175
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	50.3	62.8	89.1	128	140	109	91.4	54.5	71.1	43.4	40.8	46.7
(WY)	1955	1955	1955	1956	2000	1955	2000	2000	2000	2000	2000	1954

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1938 - 2000	
ANNUAL TOTAL	67335		37092			
ANNUAL MEAN	184		101		282	
HIGHEST ANNUAL MEAN					487	1975
LOWEST ANNUAL MEAN					101	2000
HIGHEST DAILY MEAN	2060	Mar 15	353	Oct 11	12200	Mar 16 1938
LOWEST DAILY MEAN	65	Sep 18	33	Jul 20	33	Jul 20 2000
ANNUAL SEVEN-DAY MINIMUM	69	Sep 14	35	Aug 15	35	Aug 15 2000
INSTANTANEOUS PEAK FLOW			378	Oct 11	22000	Feb 25 1961
INSTANTANEOUS PEAK STAGE			6.12	Oct 11	16.65	Mar 16 1938
ANNUAL RUNOFF (CFSM)	1.05		.58		1.60	
ANNUAL RUNOFF (INCHES)	14.23		7.84		21.78	
10 PERCENT EXCEEDS	305		165		513	
50 PERCENT EXCEEDS	144		94		196	
90 PERCENT EXCEEDS	85		39		92	

02374700 MURDER CREEK AT BREWTON, AL

LOCATION.--Lat 31°06'03", long 87°04'08", in SW$^1/_4$ 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 mi^2.
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.--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.--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, 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	219	265	176	244	443	453	324	150	118	307	171	127
2	195	588	175	244	376	368	299	146	107	240	204	186
3	189	530	175	243	336	328	288	145	102	179	197	151
4	187	422	175	249	310	424	315	144	104	153	339	150
5	189	284	178	283	289	387	342	141	98	139	203	131
6	191	233	184	294	272	340	328	139	99	128	163	117
7	195	210	194	263	261	306	301	143	96	116	137	169
8	189	199	214	239	260	281	262	154	98	106	123	225
9	232	194	206	248	260	266	240	143	97	103	148	221
10	598	187	202	472	250	261	226	136	96	99	142	189
11	918	183	201	701	243	262	218	130	93	106	136	159
12	652	180	210	546	240	293	216	125	93	125	122	143
13	592	180	237	430	241	404	204	140	91	111	113	133
14	477	176	400	339	711	369	213	189	95	110	102	158
15	315	173	361	294	713	291	254	174	114	103	95	142
16	254	170	276	268	523	291	287	153	155	103	88	151
17	229	167	231	254	429	328	251	135	175	108	84	167
18	210	163	249	250	381	327	219	122	203	98	81	138
19	193	164	628	267	359	408	199	112	222	91	80	121
20	189	181	634	322	338	875	187	108	211	90	83	116
21	189	296	702	287	306	803	178	120	165	89	92	139
22	189	322	784	261	289	609	169	158	168	98	87	193
23	187	288	589	303	279	467	163	159	167	96	84	173
24	178	240	452	553	274	387	197	171	151	90	80	171
25	173	219	356	618	266	344	201	146	222	86	79	168
26	172	207	308	511	262	326	205	128	615	85	81	158
27	170	198	286	396	441	354	197	115	511	84	89	146
28	168	193	271	346	643	394	177	106	315	113	135	138
29	168	188	261	432	566	407	166	110	267	93	128	134
30	166	182	252	548	---	390	157	125	272	117	101	124
31	166	---	247	535	---	362	---	142	---	158	90	---
TOTAL	8339	7182	9814	11240	10561	12105	6983	4309	5320	3724	3857	4638
MEAN	269	239	317	363	364	390	233	139	177	120	124	155
MAX	918	588	784	701	713	875	342	189	615	307	339	225
MIN	166	163	175	239	240	261	157	106	91	84	79	116
CFSM	.62	.55	.73	.83	.84	.90	.54	.32	.41	.28	.29	.36
IN.	.71	.61	.84	.96	.90	1.04	.60	.37	.45	.32	.33	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	269	239	317	363	364	390	332	231	331	373	217	194
MAX	269	239	317	363	364	390	431	324	485	626	311	234
(WY)	2000	2000	2000	2000	2000	2000	1999	1999	1999	1999	1999	1999
MIN	269	239	317	363	364	390	233	139	177	120	124	155
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	88072			
ANNUAL MEAN	241		241	
HIGHEST ANNUAL MEAN			241	2000
LOWEST ANNUAL MEAN			241	2000
HIGHEST DAILY MEAN	918	Oct 11	1910	Jun 27 1999
LOWEST DAILY MEAN	79	Aug 25	79	Aug 25 2000
ANNUAL SEVEN-DAY MINIMUM	84	Aug 19	84	Aug 19 2000
INSTANTANEOUS PEAK FLOW	1060	Oct 10	2370	Jun 27 1999
INSTANTANEOUS PEAK STAGE	12.46	Oct 10	15.15	Jun 27 1999
ANNUAL RUNOFF (CFSM)	.55		.55	
ANNUAL RUNOFF (INCHES)	7.53		7.52	
10 PERCENT EXCEEDS	431		579	
50 PERCENT EXCEEDS	194		239	
90 PERCENT EXCEEDS	100		114	

ESCAMBIA RIVER BASIN

02374700 MURDER CREEK AT BREWTON, 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	10.01	10.22	9.91	10.18	10.76	10.66	10.27	9.63	9.49	10.16	9.65	9.48
2	9.91	11.14	9.91	10.18	10.59	10.44	10.19	9.61	9.45	9.93	9.80	9.72
3	9.89	10.98	9.91	10.17	10.47	10.33	10.16	9.60	9.44	9.70	9.76	9.57
4	9.88	10.70	9.91	10.20	10.40	10.59	10.24	9.60	9.44	9.58	10.24	9.57
5	9.89	10.31	9.92	10.31	10.33	10.49	10.32	9.59	9.42	9.52	9.79	9.48
6	9.89	10.14	9.95	10.35	10.27	10.37	10.28	9.58	9.42	9.47	9.63	9.43
7	9.91	10.05	9.99	10.24	10.24	10.26	10.20	9.59	9.41	9.43	9.50	9.65
8	9.89	10.01	10.07	10.16	10.23	10.18	10.07	9.64	9.42	9.39	9.45	9.88
9	10.05	9.99	10.03	10.19	10.23	10.13	9.99	9.59	9.42	9.38	9.56	9.86
10	11.13	9.96	10.02	10.83	10.20	10.12	9.94	9.56	9.41	9.36	9.53	9.74
11	12.09	9.94	10.02	11.47	10.17	10.12	9.91	9.53	9.40	9.39	9.50	9.61
12	11.33	9.93	10.05	11.02	10.16	10.22	9.90	9.51	9.40	9.46	9.45	9.54
13	11.15	9.93	10.15	10.73	10.16	10.54	9.86	9.58	9.39	9.41	9.41	9.49
14	10.84	9.91	10.65	10.48	11.50	10.44	9.89	9.79	9.41	9.40	9.38	9.59
15	10.41	9.90	10.54	10.34	11.40	10.21	10.04	9.74	9.48	9.38	9.34	9.53
16	10.21	9.89	10.29	10.26	10.84	10.22	10.15	9.64	9.65	9.38	9.31	9.57
17	10.12	9.87	10.13	10.21	10.60	10.33	10.03	9.55	9.74	9.40	9.29	9.64
18	10.05	9.86	10.18	10.20	10.48	10.33	9.92	9.50	9.85	9.36	9.27	9.51
19	9.99	9.86	11.27	10.26	10.42	10.54	9.84	9.47	9.93	9.32	9.27	9.44
20	9.97	9.93	11.27	10.43	10.36	11.95	9.79	9.46	9.88	9.32	9.29	9.43
21	9.97	10.35	11.47	10.32	10.26	11.66	9.75	9.51	9.69	9.32	9.33	9.53
22	9.97	10.43	11.71	10.24	10.21	11.03	9.71	9.66	9.71	9.35	9.31	9.75
23	9.96	10.33	11.14	10.37	10.18	10.65	9.69	9.67	9.71	9.35	9.29	9.67
24	9.92	10.16	10.78	11.04	10.16	10.44	9.83	9.72	9.63	9.32	9.27	9.66
25	9.90	10.09	10.53	11.22	10.13	10.33	9.85	9.61	9.89	9.30	9.27	9.65
26	9.90	10.04	10.39	10.93	10.12	10.27	9.86	9.53	10.99	9.30	9.28	9.61
27	9.89	10.01	10.32	10.64	10.62	10.36	9.83	9.48	10.70	9.29	9.31	9.55
28	9.88	9.98	10.27	10.50	11.18	10.46	9.75	9.45	10.18	9.42	9.51	9.51
29	9.88	9.96	10.24	10.73	10.95	10.50	9.70	9.47	10.03	9.34	9.47	9.49
30	9.87	9.94	10.21	11.02	---	10.45	9.66	9.52	10.04	9.43	9.37	9.45
31	9.87	---	10.19	10.99	---	10.38	---	9.59	---	9.60	9.32	---
MEAN	10.18	10.13	10.37	10.52	10.47	10.48	9.95	9.58	9.70	9.44	9.46	9.59
MAX	12.09	11.14	11.71	11.47	11.50	11.95	10.32	9.79	10.99	10.16	10.24	9.88
MIN	9.87	9.86	9.91	10.16	10.12	10.12	9.66	9.45	9.39	9.29	9.27	9.43

WTR YR 2000 MEAN 9.99 MAX 12.09 MIN 9.27

ESCAMBIA RIVER BASIN

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

LOCATION.--Lat 31°07'47", long 87°05'14", in SW$^1/_4$ 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 mi^2.
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 ft^3/s (from highwater mark).

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	76	136	60	98	185	147	107	33	13	103	33	22
2	59	379	58	96	156	121	93	31	12	58	40	46
3	67	246	59	95	136	107	87	29	12	41	84	39
4	81	144	59	104	124	203	100	28	13	32	75	38
5	63	104	59	128	115	157	103	28	12	27	48	29
6	56	87	63	114	107	130	95	28	12	23	38	25
7	51	76	64	101	103	107	81	26	12	21	32	33
8	49	70	62	93	100	94	71	24	11	19	28	78
9	90	66	63	100	98	87	64	24	11	18	31	84
10	535	63	67	249	96	84	59	23	11	17	52	58
11	731	62	70	370	93	82	56	23	11	16	48	43
12	362	60	70	239	92	112	54	22	10	18	66	35
13	316	58	141	168	93	167	52	22	10	17	49	30
14	220	57	242	136	385	108	55	26	11	16	36	30
15	146	57	152	114	357	89	75	40	13	16	30	50
16	114	55	107	103	211	95	78	48	21	15	26	42
17	96	53	89	97	163	127	66	26	34	15	23	32
18	82	52	104	95	144	120	56	21	44	17	22	27
19	74	53	447	97	131	181	49	18	60	17	21	25
20	69	61	437	138	117	429	46	17	37	15	20	23
21	67	155	407	122	105	365	42	18	26	16	20	24
22	65	169	498	102	96	217	39	30	22	16	20	45
23	61	115	292	126	90	157	37	28	24	15	19	46
24	57	93	203	280	87	125	40	31	23	15	18	43
25	53	84	164	342	84	107	50	22	28	14	17	36
26	52	77	139	230	81	102	48	19	222	16	16	32
27	52	72	126	169	138	129	44	17	258	27	16	32
28	51	68	117	150	273	158	40	15	113	35	16	28
29	50	66	109	198	219	136	37	14	99	34	15	26
30	49	61	105	242	---	128	35	14	124	45	15	24
31	48	---	100	218	---	124	---	14	---	38	15	---
TOTAL	3942	2899	4733	4914	4179	4495	1859	759	1309	792	989	1125
MEAN	127	96.6	153	159	144	145	62.0	24.5	43.6	25.5	31.9	37.5
MAX	731	379	498	370	385	429	107	48	258	103	84	84
MIN	48	52	58	93	81	82	35	14	10	14	15	22
CFSM	.70	.53	.84	.87	.79	.80	.34	.13	.24	.14	.18	.21
IN.	.81	.59	.97	1.00	.85	.92	.38	.16	.27	.16	.20	.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	127	96.6	153	159	144	145	131	79.2	127	124	85.0	55.9
MAX	127	96.6	153	159	144	145	200	134	210	222	138	74.4
(WY)	2000	2000	2000	2000	2000	2000	1999	1999	1999	1999	1999	1999
MIN	127	96.6	153	159	144	145	62.0	24.5	43.6	25.5	31.9	37.5
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	31995			
ANNUAL MEAN	87.4		87.4	
HIGHEST ANNUAL MEAN			87.4	2000
LOWEST ANNUAL MEAN			87.4	2000
HIGHEST DAILY MEAN	731	Oct 11	2960	Mar 14 1999
LOWEST DAILY MEAN	10	Jun 12, 13	10	Jun 12, 13 2000
ANNUAL SEVEN-DAY MINIMUM	11	Jun 8	11	Jun 8 2000
INSTANTANEOUS PEAK FLOW	946	Oct 10	3500	Mar 14 1999
INSTANTANEOUS PEAK STAGE	7.71	Oct 10	12.22	Mar 14 1999
ANNUAL RUNOFF (CFSM)	.48		.48	
ANNUAL RUNOFF (INCHES)	6.54		6.53	
10 PERCENT EXCEEDS	173		277	
50 PERCENT EXCEEDS	60		81	
90 PERCENT EXCEEDS	16		21	

ESCAMBIA RIVER BASIN

02374745 BURNT CORN CREEK AT STATE HIGHWAY 41 NEAR BREWTON, 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	3.94	4.30	3.78	4.12	4.68	4.45	4.18	3.47	3.20	4.22	3.50	3.20
2	3.77	5.77	3.76	4.11	4.50	4.28	4.08	3.44	3.18	3.82	3.61	3.59
3	3.82	5.04	3.77	4.10	4.38	4.19	4.04	3.41	3.18	3.62	3.95	3.50
4	3.98	4.43	3.77	4.16	4.31	4.78	4.13	3.39	3.20	3.49	3.89	3.48
5	3.82	4.17	3.77	4.33	4.25	4.51	4.16	3.40	3.18	3.41	3.61	3.35
6	3.74	4.03	3.81	4.24	4.19	4.34	4.10	3.40	3.17	3.34	3.49	3.27
7	3.68	3.94	3.82	4.14	4.16	4.19	3.98	3.36	3.16	3.30	3.39	3.40
8	3.66	3.88	3.81	4.09	4.14	4.09	3.89	3.34	3.15	3.26	3.33	3.92
9	4.01	3.84	3.82	4.14	4.12	4.03	3.82	3.33	3.14	3.24	3.37	3.97
10	6.22	3.82	3.85	5.06	4.10	4.01	3.77	3.32	3.13	3.22	3.66	3.73
11	7.08	3.80	3.88	5.73	4.08	4.00	3.74	3.31	3.12	3.21	3.61	3.56
12	5.65	3.79	3.88	5.00	4.07	4.20	3.72	3.30	3.12	3.25	3.81	3.44
13	5.44	3.77	4.38	4.58	4.08	4.57	3.70	3.31	3.11	3.23	3.63	3.36
14	4.89	3.75	5.02	4.38	5.76	4.20	3.73	3.36	3.12	3.20	3.46	3.36
15	4.44	3.75	4.48	4.24	5.65	4.05	3.93	3.56	3.19	3.19	3.35	3.64
16	4.24	3.73	4.19	4.16	4.84	4.10	3.97	3.74	3.38	3.17	3.29	3.53
17	4.10	3.71	4.05	4.12	4.55	4.32	3.86	3.48	3.60	3.17	3.25	3.39
18	3.99	3.69	4.14	4.10	4.43	4.28	3.75	3.38	3.74	3.22	3.22	3.31
19	3.92	3.71	6.04	4.11	4.35	4.65	3.67	3.33	3.93	3.21	3.19	3.27
20	3.87	3.78	6.01	4.39	4.26	5.99	3.62	3.30	3.65	3.18	3.18	3.24
21	3.86	4.49	5.88	4.29	4.17	5.70	3.59	3.32	3.47	3.20	3.18	3.25
22	3.83	4.58	6.27	4.15	4.11	4.87	3.54	3.53	3.41	3.19	3.18	3.58
23	3.79	4.24	5.32	4.31	4.06	4.51	3.52	3.50	3.44	3.17	3.16	3.60
24	3.75	4.08	4.79	5.25	4.03	4.31	3.57	3.55	3.42	3.16	3.14	3.55
25	3.71	4.01	4.55	5.60	4.01	4.19	3.69	3.41	3.46	3.15	3.11	3.46
26	3.70	3.95	4.40	4.95	3.99	4.15	3.67	3.34	5.00	3.20	3.10	3.39
27	3.69	3.90	4.32	4.59	4.38	4.33	3.62	3.29	5.16	3.40	3.11	3.39
28	3.69	3.86	4.26	4.47	5.21	4.52	3.57	3.26	4.30	3.54	3.09	3.33
29	3.67	3.84	4.21	4.75	4.88	4.38	3.53	3.24	4.20	3.52	3.08	3.28
30	3.66	3.80	4.17	5.01	---	4.33	3.50	3.24	4.37	3.63	3.07	3.25
31	3.65	---	4.14	4.88	---	4.31	---	3.22	---	3.57	3.06	---
MEAN	4.17	4.05	4.40	4.50	4.40	4.41	3.79	3.38	3.53	3.34	3.36	3.45
MAX	7.08	5.77	6.27	5.73	5.76	5.99	4.18	3.74	5.16	4.22	3.95	3.97
MIN	3.65	3.69	3.76	4.09	3.99	4.00	3.50	3.22	3.11	3.15	3.06	3.20

WTR YR 2000 MEAN 3.90 MAX 7.08 MIN 3.06

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

LOCATION.--Lat 31°07'46", long 87°22'14", in SW$^1/_4$ 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 mi^2.
PERIOD OF RECORD.--May 2000 to current year.
REMARKS.--No estimated daily discharges. Records good.
EXTREMES FOR PERIOD MAY 24, 2000 TO SEPTEMBER 30, 2000.--Maximum discharge, 391 ft^3/s, June 30, gage height, 3.16 ft; minimum daily discharge, 45 ft^3/s, Aug. 18.

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	---	---	---	---	---	---	---	---	55	174	61	56
2	---	---	---	---	---	---	---	---	53	120	72	71
3	---	---	---	---	---	---	---	---	53	95	76	84
4	---	---	---	---	---	---	---	---	53	83	76	82
5	---	---	---	---	---	---	---	---	53	75	85	70
6	---	---	---	---	---	---	---	---	54	69	78	63
7	---	---	---	---	---	---	---	---	52	65	83	72
8	---	---	---	---	---	---	---	---	52	62	79	95
9	---	---	---	---	---	---	---	---	51	65	94	116
10	---	---	---	---	---	---	---	---	50	65	89	96
11	---	---	---	---	---	---	---	---	50	61	82	82
12	---	---	---	---	---	---	---	---	49	61	69	74
13	---	---	---	---	---	---	---	---	49	59	58	72
14	---	---	---	---	---	---	---	---	49	57	52	70
15	---	---	---	---	---	---	---	---	60	54	50	67
16	---	---	---	---	---	---	---	---	75	52	48	67
17	---	---	---	---	---	---	---	---	84	52	47	62
18	---	---	---	---	---	---	---	---	96	50	45	59
19	---	---	---	---	---	---	---	---	121	49	46	56
20	---	---	---	---	---	---	---	---	101	48	47	56
21	---	---	---	---	---	---	---	---	81	48	48	58
22	---	---	---	---	---	---	---	---	71	49	49	64
23	---	---	---	---	---	---	---	---	69	51	56	67
24	---	---	---	---	---	---	---	66	65	51	50	67
25	---	---	---	---	---	---	---	62	61	56	49	62
26	---	---	---	---	---	---	---	60	92	58	56	62
27	---	---	---	---	---	---	---	60	133	57	55	58
28	---	---	---	---	---	---	---	59	122	65	53	56
29	---	---	---	---	---	---	---	58	169	65	65	55
30	---	---	---	---	---	---	---	57	300	62	58	55
31	---	---	---	---	---	---	---	56	---	60	54	---
TOTAL	---	---	---	---	---	---	---	---	2423	2038	1930	2074
MEAN	---	---	---	---	---	---	---	---	80.8	65.7	62.3	69.1
MAX	---	---	---	---	---	---	---	---	300	174	94	116
MIN	---	---	---	---	---	---	---	---	49	48	45	55
CFSM	---	---	---	---	---	---	---	---	.42	.34	.32	.36
IN.	---	---	---	---	---	---	---	---	.47	.39	.37	.40

ESCAMBIA RIVER BASIN

02375500 ESCAMBIA RIVER NEAR CENTURY, FL

LOCATION.--Lat 30°57'54", long 87°14'03", in NW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1500	1730	1470	2070	4040	3030	3410	1200	645	1430	771	553
2	1370	2620	1460	2040	3700	2980	3350	1170	646	1220	905	676
3	1300	3110	1480	2050	3410	2800	3280	1150	639	990	1160	709
4	1420	2730	1550	2080	3170	2840	2960	1110	607	820	1430	705
5	1480	2080	1470	2130	2990	2920	3020	1060	595	785	1270	804
6	1310	2070	1460	2110	2750	2480	2500	973	630	772	1030	760
7	1260	2090	1530	2220	2550	2400	2670	1060	611	670	1090	798
8	1240	1930	1510	1930	2450	2400	2470	899	579	623	1030	1110
9	1410	1890	1580	2130	2340	2670	2280	953	589	610	877	1170
10	2440	1730	1510	2580	2200	2800	2360	907	591	677	889	1070
11	4650	1570	1620	3850	2250	2800	1990	898	554	676	957	957
12	4940	1570	1660	4290	2180	2870	1690	868	546	660	978	890
13	3770	1570	1890	3760	2020	2430	1850	876	621	665	952	878
14	3630	1600	2350	3640	3060	2540	1740	910	584	626	780	785
15	3280	1490	2320	3220	4730	2860	1820	938	611	579	698	890
16	2970	1420	2150	3020	4250	2950	2430	988	779	573	636	758
17	2620	1430	1990	2730	3350	2960	1910	867	821	588	639	696
18	2190	1470	2240	2440	3040	2850	1950	853	942	639	586	694
19	2160	1360	3140	2410	2860	2830	1940	791	1000	577	555	645
20	1920	1480	4060	2350	2810	4080	1750	826	931	541	575	594
21	1780	1750	4540	2330	2460	5720	1710	734	887	585	572	627
22	1820	2030	5130	2250	2340	6190	1520	784	799	635	562	800
23	1740	1970	5300	2160	1950	6180	1380	836	830	710	623	955
24	1600	1890	4590	2810	2060	5570	1440	891	770	589	564	973
25	1520	1730	4000	3990	2040	5450	1600	795	820	544	536	814
26	1600	1640	3670	3970	1860	5150	1590	755	1100	543	533	745
27	1540	1630	3130	3640	2060	5000	1510	761	1660	549	518	668
28	1500	1660	2900	3700	2890	4960	1300	697	1520	575	564	679
29	1510	1570	2630	3730	3730	4590	1250	665	1450	591	609	634
30	1580	1540	2380	4030	---	4230	1370	682	1480	560	598	620
31	1480	---	2240	4230	---	3830	---	699	---	682	550	---
TOTAL	64530	54350	78950	89890	81540	113360	62040	27596	24837	21284	24037	23657
MEAN	2082	1812	2547	2900	2812	3657	2068	890	828	687	775	789
MAX	4940	3110	5300	4290	4730	6190	3410	1200	1660	1430	1430	1170
MIN	1240	1360	1460	1930	1860	2400	1250	665	546	541	518	553
CFSM	.55	.47	.67	.76	.74	.96	.54	.23	.22	.18	.20	.21
IN.	.63	.53	.77	.88	.79	1.10	.60	.27	.24	.21	.23	.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2000, BY WATER YEAR (WY)

MEAN	3013	3223	5600	8509	10210	12590	11020	5846	4363	4025	3970	3120
MAX	24310	14740	24600	31530	21160	30930	31430	19520	22500	20850	23560	12010
(WY)	1999	1949	1954	1936	1965	1998	1980	1978	1970	1994	1975	1975
MIN	647	1033	1157	1895	2596	1783	2068	890	828	687	775	693
(WY)	1969	1955	1955	1956	1989	1955	2000	2000	2000	2000	2000	1968

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1935 - 2000	
ANNUAL TOTAL	1685770		666071			
ANNUAL MEAN	4619		1820		6271	
HIGHEST ANNUAL MEAN					11690	1975
LOWEST ANNUAL MEAN					1820	2000
HIGHEST DAILY MEAN	30500	Mar 17	6190	Mar 22	106000	Sep 30 1998
LOWEST DAILY MEAN	1110	Sep 26	518	Aug 27	518	Aug 27 2000
ANNUAL SEVEN-DAY MINIMUM	1190	Sep 21	557	Aug 22	557	Aug 22 2000
INSTANTANEOUS PEAK FLOW			6350	Mar 23	117000	Sep 30 1998
INSTANTANEOUS PEAK STAGE			10.60	Mar 23	24.35	Mar 18 1990
INSTANTANEOUS LOW FLOW			505	Aug 27	505	Aug 27 2000
ANNUAL RUNOFF (CFSM)	1.21		.48		1.64	
ANNUAL RUNOFF (INCHES)	16.43		6.49		22.32	
10 PERCENT EXCEEDS	8510		3650		14300	
50 PERCENT EXCEEDS	3170		1520		3670	
90 PERCENT EXCEEDS	1500		610		1350	

PERDIDO RIVER BASIN

02376500 PERDIDO RIVER AT BARRINEAU PARK, FL

LOCATION.--Lat 30°41'25", long 87°26'25", in NW$^1/_4$ 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 mi^2.
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: Nov. 2-15, May 2-13. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	458	369	332	381	431	366	526	268	202	338	222	190
2	412	e450	329	377	410	347	429	e257	200	297	324	221
3	370	e425	329	373	392	335	381	e250	198	257	311	226
4	353	e400	332	374	377	329	361	e246	196	237	272	232
5	369	e385	333	383	365	323	371	e242	196	223	257	215
6	359	e360	338	382	355	319	382	e238	206	211	234	200
7	343	e350	338	370	348	312	363	e233	220	203	215	271
8	335	e345	336	363	344	306	342	e228	209	199	212	431
9	484	e340	338	375	343	303	322	e224	203	223	215	466
10	1070	e335	342	438	340	301	309	e220	198	231	243	369
11	1640	e330	362	532	337	304	301	e216	194	262	326	335
12	1540	e325	393	526	335	357	297	e213	191	233	286	296
13	1080	e320	497	503	334	329	291	e210	191	207	246	447
14	796	e325	532	483	373	312	307	314	192	196	222	459
15	624	e324	483	432	539	305	397	325	239	191	206	372
16	502	318	427	395	533	353	354	281	313	198	196	308
17	438	317	395	376	497	390	318	250	314	197	190	270
18	403	317	402	365	439	380	300	236	366	186	184	246
19	382	319	725	359	396	380	290	230	486	181	180	231
20	370	354	760	355	371	435	281	225	360	178	178	224
21	363	479	946	348	351	431	276	221	293	177	194	223
22	356	475	1060	342	338	380	274	226	263	204	185	243
23	348	425	901	367	330	347	270	230	242	192	181	247
24	339	393	778	466	326	327	274	228	233	184	179	240
25	333	377	656	528	322	316	312	222	228	181	176	231
26	330	366	549	483	319	317	357	216	235	180	174	230
27	328	356	473	438	377	349	315	213	262	182	171	230
28	325	348	433	415	414	370	306	210	316	187	172	219
29	323	341	411	415	395	454	298	215	345	190	197	212
30	321	336	396	417	---	925	280	210	337	189	191	206
31	320	---	388	434	---	669	---	206	---	194	180	---
TOTAL	16014	10904	15314	12795	11031	11671	9884	7303	7628	6508	6719	8290
MEAN	517	363	494	413	380	376	329	236	254	210	217	276
MAX	1640	479	1060	532	539	925	526	325	486	338	326	466
MIN	320	317	329	342	319	301	270	206	191	177	171	190
CFSM	1.31	.92	1.25	1.05	.97	.96	.84	.60	.65	.53	.55	.70
IN.	1.51	1.03	1.45	1.21	1.04	1.10	.93	.69	.72	.61	.63	.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2000, BY WATER YEAR (WY)

MEAN	518	616	719	955	977	1125	1020	714	671	701	707	739
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	197	246	302	339	343	269	283	236	238	210	217	213
(WY)	1969	1956	1955	1957	1957	1955	1968	2000	1968	2000	2000	1968

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1941 - 2000	
ANNUAL TOTAL	232986		124061			
ANNUAL MEAN	638		339		787	
HIGHEST ANNUAL MEAN					1372	1998
LOWEST ANNUAL MEAN					339	2000
HIGHEST DAILY MEAN	6200	Jun 28	1640	Oct 11	40800	Sep 29 1998
LOWEST DAILY MEAN	305	Sep 26	171	Aug 27	171	Aug 27 2000
ANNUAL SEVEN-DAY MINIMUM	310	Sep 22	177	Aug 22	177	Aug 22 2000
INSTANTANEOUS PEAK FLOW			1780	Oct 11	44000	Sep 29 1998
INSTANTANEOUS PEAK STAGE			6.42	Oct 11	26.30	Sep 29 1998
ANNUAL RUNOFF (CFSM)	1.62		.86		2.00	
ANNUAL RUNOFF (INCHES)	22.00		11.71		27.15	
10 PERCENT EXCEEDS	1060		466		1430	
50 PERCENT EXCEEDS	479		326		511	
90 PERCENT EXCEEDS	336		196		296	

e Estimated

PERDIDO RIVER BASIN

02377570 STYX RIVER NEAR ELSANOR, AL

LOCATION.--Lat 30°36'20", long 87°32'50", in SW$^1/_4$ 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 mi^2.
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: Mar. 31 to Apr. 4. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	181	141	120	181	194	160	e310	103	98	142	85	80
2	160	140	120	178	183	153	e250	100	99	124	116	106
3	150	135	120	176	175	147	e210	99	96	113	107	107
4	151	132	119	175	169	144	e192	98	95	106	105	101
5	185	131	122	174	164	143	179	97	95	113	101	99
6	155	130	124	171	160	140	168	95	102	106	95	97
7	145	128	124	167	158	136	157	94	99	98	90	138
8	146	127	122	164	155	134	150	92	97	95	117	227
9	879	125	123	169	155	133	146	90	94	96	118	213
10	1460	124	127	204	153	132	139	90	93	94	125	160
11	1490	124	133	214	151	132	134	88	92	100	165	136
12	861	122	144	205	148	171	132	87	92	98	156	123
13	536	122	200	189	147	215	129	87	94	95	124	133
14	349	123	200	178	155	180	133	87	93	90	106	164
15	262	122	181	169	182	159	137	85	102	88	95	160
16	227	120	160	164	190	184	135	83	145	86	90	144
17	207	119	147	160	175	201	130	83	222	85	85	116
18	192	119	159	158	165	184	123	83	227	83	82	101
19	178	119	337	156	159	186	118	84	384	82	80	96
20	170	128	298	155	153	213	117	84	447	82	82	94
21	163	157	513	152	148	204	113	86	300	104	83	109
22	158	154	525	150	144	180	109	108	198	104	81	134
23	153	142	445	172	141	165	108	115	148	97	80	149
24	147	136	356	241	139	155	117	107	131	93	80	128
25	144	133	279	256	139	148	133	101	121	88	79	109
26	142	130	235	227	138	148	129	98	116	86	80	100
27	139	127	219	203	184	172	123	96	122	85	78	94
28	137	125	210	194	197	185	119	96	135	83	82	92
29	135	123	200	193	175	250	111	104	153	81	82	89
30	134	121	190	192	---	920	107	106	154	81	81	87
31	133	---	185	195	---	e450	---	101	---	80	79	---
TOTAL	9669	3879	6537	5682	4696	6224	4358	2927	4444	2958	3009	3686
MEAN	312	129	211	183	162	201	145	94.4	148	95.4	97.1	123
MAX	1490	157	525	256	197	920	310	115	447	142	165	227
MIN	133	119	119	150	138	132	107	83	92	80	78	80
CFSM	1.62	.67	1.10	.95	.84	1.05	.76	.49	.77	.50	.51	.64
IN.	1.87	.75	1.27	1.10	.91	1.21	.84	.57	.86	.57	.58	.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2000, BY WATER YEAR (WY)

MEAN	355	460	378	678	555	637	471	388	444	533	402	528
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	137	129	176	183	162	201	145	94.4	125	95.4	97.1	123
(WY)	1988	2000	1991	2000	2000	2000	2000	2000	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1988 - 2000	
ANNUAL TOTAL	105501		58069			
ANNUAL MEAN	289		159		486	
HIGHEST ANNUAL MEAN					818	1998
LOWEST ANNUAL MEAN					159	2000
HIGHEST DAILY MEAN	1900	Jun 28	1490	Oct 11	42000	Sep 29 1998
LOWEST DAILY MEAN	117	May 23	78	Aug 27	78	Aug 27 2000
ANNUAL SEVEN-DAY MINIMUM	121	Nov 13	80	Aug 22	80	Aug 22 2000
INSTANTANEOUS PEAK FLOW			1750	Oct 11	48000	Sep 29 1998
INSTANTANEOUS PEAK STAGE			7.73	Oct 11	28.60	Sep 29 1998
ANNUAL RUNOFF (CFSM)	1.51		.83		2.53	
ANNUAL RUNOFF (INCHES)	20.44		11.25		34.36	
10 PERCENT EXCEEDS	538		210		842	
50 PERCENT EXCEEDS	216		133		279	
90 PERCENT EXCEEDS	126		87		141	

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 SW$^1/_4$ 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 mi^2.
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.--Estimated daily discharges: July 10-19. 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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	17	23
2	---	---	---	---	---	---	---	---	---	---	18	23
3	---	---	---	---	---	---	---	---	---	---	17	24
4	---	---	---	---	---	---	---	---	---	---	17	21
5	---	---	---	---	---	---	---	---	---	---	23	22
6	---	---	---	---	---	---	---	---	---	---	18	20
7	---	---	---	---	---	---	---	---	---	---	19	19
8	---	---	---	---	---	---	---	---	---	---	19	19
9	---	---	---	---	---	---	---	---	---	---	193	20
10	---	---	---	---	---	---	---	---	---	---	236	19
11	---	---	---	---	---	---	---	---	---	---	41	18
12	---	---	---	---	---	---	---	---	---	---	29	18
13	---	---	---	---	---	---	---	---	---	---	25	17
14	---	---	---	---	---	---	---	---	---	---	24	17
15	---	---	---	---	---	---	---	---	---	---	24	17
16	---	---	---	---	---	---	---	---	---	---	23	17
17	---	---	---	---	---	---	---	---	---	---	22	16
18	---	---	---	---	---	---	---	---	---	---	22	17
19	---	---	---	---	---	---	---	---	---	---	22	17
20	---	---	---	---	---	---	---	---	---	---	21	21
21	---	---	---	---	---	---	---	---	---	29	20	19
22	---	---	---	---	---	---	---	---	---	22	20	18
23	---	---	---	---	---	---	---	---	---	20	20	18
24	---	---	---	---	---	---	---	---	---	19	26	17
25	---	---	---	---	---	---	---	---	---	20	23	18
26	---	---	---	---	---	---	---	---	---	23	23	18
27	---	---	---	---	---	---	---	---	---	20	21	18
28	---	---	---	---	---	---	---	---	---	19	20	18
29	---	---	---	---	---	---	---	---	---	18	22	18
30	---	---	---	---	---	---	---	---	---	18	26	17
31	---	---	---	---	---	---	---	---	---	18	24	---
TOTAL	---	---	---	---	---	---	---	---	---	---	1075	564
MEAN	---	---	---	---	---	---	---	---	---	---	34.7	18.8
MAX	---	---	---	---	---	---	---	---	---	---	236	24
MIN	---	---	---	---	---	---	---	---	---	---	17	16
CFSM	---	---	---	---	---	---	---	---	---	---	2.09	1.13
IN.	---	---	---	---	---	---	---	---	---	---	2.41	1.26

FISH RIVER BASIN

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

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	17	18	18	23	25	18	18	14	12	13	18	15
2	17	18	18	22	24	17	16	14	12	12	14	23
3	17	18	18	22	23	17	16	14	11	12	63	13
4	18	18	18	23	23	17	17	14	11	12	21	12
5	18	17	19	23	22	16	16	14	12	11	14	12
6	17	17	19	23	22	16	16	14	12	11	15	12
7	17	18	18	23	23	16	17	13	11	11	13	66
8	23	17	19	24	22	16	16	13	11	11	12	39
9	191	17	19	28	22	16	16	13	11	11	12	18
10	96	17	19	45	22	16	16	13	11	e11	13	14
11	60	17	19	29	21	15	16	12	11	e11	15	13
12	29	18	24	27	21	16	16	12	11	e11	12	13
13	26	18	31	26	21	16	16	12	11	e11	12	13
14	24	17	23	25	30	15	17	12	11	e11	12	13
15	23	18	21	24	24	15	17	12	13	e10	11	12
16	22	18	21	24	22	23	16	12	28	e10	11	12
17	22	17	21	24	21	17	15	12	43	e10	11	12
18	21	17	28	24	21	16	15	12	22	e9.9	11	12
19	21	18	35	24	20	19	15	12	17	e10	11	12
20	20	22	24	23	19	17	14	12	15	10	11	12
21	20	23	81	22	18	16	14	13	14	11	11	12
22	20	20	33	21	17	15	13	14	13	11	11	13
23	19	20	26	29	17	15	13	13	13	11	11	13
24	18	19	25	38	17	15	25	12	13	11	12	12
25	18	19	24	28	18	14	19	12	12	10	11	12
26	18	19	24	25	18	15	16	12	67	13	11	12
27	18	19	23	24	27	18	17	12	25	12	11	12
28	17	18	23	26	22	16	15	12	15	11	11	12
29	17	18	23	26	19	53	14	12	14	11	10	12
30	17	18	23	25	---	198	14	12	14	11	10	11
31	17	---	23	25	---	24	---	12	---	12	10	---
TOTAL	898	548	760	795	621	733	481	392	496	342.9	431	469
MEAN	29.0	18.3	24.5	25.6	21.4	23.6	16.0	12.6	16.5	11.1	13.9	15.6
MAX	191	23	81	45	30	198	25	14	67	13	63	66
MIN	17	17	18	21	17	14	13	12	11	9.9	10	11
CFSM	1.75	1.10	1.48	1.54	1.29	1.42	.97	.76	1.00	.67	.84	.94
IN.	2.01	1.23	1.70	1.78	1.39	1.64	1.08	.88	1.11	.77	.97	1.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	29.0	18.3	24.5	25.6	21.4	23.6	16.0	12.6	16.5	11.1	24.3	17.2
MAX	29.0	18.3	24.5	25.6	21.4	23.6	16.0	12.6	16.5	11.1	34.7	18.8
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	1999	1999
MIN	29.0	18.3	24.5	25.6	21.4	23.6	16.0	12.6	16.5	11.1	13.9	15.6
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	6966.9			
ANNUAL MEAN	19.0		19.0	
HIGHEST ANNUAL MEAN			19.0	2000
LOWEST ANNUAL MEAN			19.0	2000
HIGHEST DAILY MEAN	198	Mar 30	236	Aug 10 1999
LOWEST DAILY MEAN	9.9	Jul 18	9.9	Jul 18 2000
ANNUAL SEVEN-DAY MINIMUM	10	Jul 14	10	Jul 14 2000
INSTANTANEOUS PEAK FLOW	388	Mar 30	585	Aug 9 1999
INSTANTANEOUS PEAK STAGE	7.45	Mar 30	8.36	Aug 9 1999
ANNUAL RUNOFF (CFSM)	1.15		1.15	
ANNUAL RUNOFF (INCHES)	15.61		15.58	
10 PERCENT EXCEEDS	25		25	
50 PERCENT EXCEEDS	17		17	
90 PERCENT EXCEEDS	11		11	

e Estimated

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 mi^2.
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: Aug. 10-14, 20-22. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76	72	62	65	64	59	82	48	42	46	41	42
2	69	73	63	65	63	59	70	48	42	44	55	86
3	69	65	63	65	62	58	65	48	42	43	51	192
4	82	64	63	65	62	58	62	48	41	42	51	61
5	97	63	68	64	61	58	60	48	44	43	47	49
6	73	63	71	63	61	57	58	47	51	42	45	48
7	69	63	66	63	61	57	57	47	45	41	42	80
8	75	63	65	63	61	57	56	47	43	40	53	79
9	305	63	66	66	62	57	55	46	42	42	48	59
10	326	63	80	75	61	57	55	46	41	41	e52	51
11	276	63	71	70	61	57	55	46	41	41	e47	48
12	108	63	70	66	60	60	55	46	41	40	e44	46
13	87	63	85	65	61	57	54	46	42	40	e42	64
14	79	63	78	65	64	57	57	46	42	39	e40	102
15	74	63	69	64	62	57	57	45	45	40	39	55
16	71	62	66	64	60	72	55	45	64	39	38	47
17	69	62	65	63	61	66	53	45	128	39	38	44
18	67	62	81	63	60	59	52	45	69	38	37	43
19	66	63	139	63	60	67	51	45	58	37	37	42
20	66	72	85	63	59	70	50	44	51	37	e37	42
21	66	86	188	62	58	61	50	45	48	40	e39	57
22	65	80	136	62	58	58	49	74	45	53	e40	66
23	64	69	87	70	58	57	49	60	44	46	41	52
24	63	66	77	90	59	56	54	48	47	43	40	48
25	63	66	73	77	58	56	57	46	60	40	38	47
26	63	66	71	68	58	65	53	45	55	39	37	46
27	63	65	69	65	65	76	54	44	63	39	37	44
28	62	64	68	65	67	64	53	44	54	38	37	43
29	62	63	67	66	61	102	50	46	48	37	37	42
30	61	63	66	66	---	496	49	44	48	37	36	42
31	62	---	66	66	---	158	---	43	---	38	36	---
TOTAL	2898	1976	2444	2057	1768	2448	1677	1465	1526	1264	1302	1767
MEAN	93.5	65.9	78.8	66.4	61.0	79.0	55.9	47.3	50.9	40.8	42.0	58.9
MAX	326	86	188	90	67	496	82	74	128	53	55	192
MIN	61	62	62	62	58	56	49	43	41	37	36	42
CFSM	1.69	1.19	1.43	1.20	1.10	1.43	1.01	.85	.92	.74	.76	1.07
IN.	1.95	1.33	1.64	1.38	1.19	1.65	1.13	.99	1.03	.85	.88	1.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2000, BY WATER YEAR (WY)

MEAN	100	100	107	131	128	135	128	97.8	115	128	112	118
MAX	349	219	389	411	288	333	369	253	445	674	276	519
(WY)	1996	1996	1954	1998	1961	1990	1996	1991	1989	1997	1969	1998
MIN	39.6	46.5	52.4	59.4	61.0	55.6	54.4	47.3	41.5	40.8	42.0	49.9
(WY)	1969	1956	1956	1968	2000	1955	1968	2000	1955	2000	2000	1963

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1953 - 2000	
ANNUAL TOTAL	33518		22592			
ANNUAL MEAN	91.8		61.7		117	
HIGHEST ANNUAL MEAN					194	1996
LOWEST ANNUAL MEAN					58.4	1968
HIGHEST DAILY MEAN	558	Jun 27	496	Mar 30	11900	Jul 20 1997
LOWEST DAILY MEAN	54	May 18, 22, 23	36	Aug 30, 31	36	Aug 30, 31 2000
ANNUAL SEVEN-DAY MINIMUM	59	May 5	37	Aug 25	37	Aug 25 2000
INSTANTANEOUS PEAK FLOW			600	Mar 30	16900	Jul 20 1997
INSTANTANEOUS PEAK STAGE			8.68	Mar 30	22.78	Jul 20 1997
ANNUAL RUNOFF (CFSM)	1.66		1.12		2.11	
ANNUAL RUNOFF (INCHES)	22.55		15.20		28.65	
10 PERCENT EXCEEDS	135		74		178	
50 PERCENT EXCEEDS	77		58		83	
90 PERCENT EXCEEDS	63		41		54	

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 mi^2.
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.
EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,140 ft^3/s, Apr. 5, gage height, 17.99 ft; minimum daily discharge, 66 ft^3/s, Sept. 18.

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	---	---	---	102	317	374	289	280	131	127	103	79
2	---	---	---	101	277	342	754	259	126	111	103	80
3	---	---	---	98	247	304	3600	250	124	101	133	80
4	---	---	---	134	230	297	6130	238	124	96	111	84
5	---	---	---	192	211	278	6430	225	131	93	99	77
6	---	---	---	144	198	252	1960	215	271	90	97	72
7	---	---	---	128	186	229	1150	206	165	88	92	72
8	---	---	---	121	175	223	894	194	141	87	90	73
9	---	---	---	147	170	215	744	182	131	88	92	76
10	---	---	---	271	164	215	635	176	126	86	92	75
11	---	---	---	374	161	868	565	168	122	83	93	74
12	---	---	---	251	190	1080	524	163	118	83	91	73
13	---	---	---	199	250	694	478	161	116	117	87	71
14	---	---	---	173	526	548	458	153	123	88	84	72
15	---	---	106	156	535	458	434	148	116	83	83	71
16	---	---	105	152	403	440	411	144	117	82	84	69
17	---	---	101	146	350	821	384	140	132	80	84	68
18	---	---	104	143	334	579	357	139	138	79	84	66
19	---	---	109	141	299	542	337	138	148	79	83	67
20	---	---	106	138	273	2810	321	147	126	81	84	67
21	---	---	108	130	243	1900	308	168	117	93	83	102
22	---	---	111	134	218	965	293	177	117	94	80	116
23	---	---	112	550	204	744	276	175	131	93	77	96
24	---	---	113	560	196	632	302	215	115	97	78	88
25	---	---	111	421	189	550	424	162	109	103	81	99
26	---	---	109	346	183	489	359	198	108	99	80	91
27	---	---	103	274	334	436	315	181	104	94	110	83
28	---	---	99	232	453	411	353	158	104	93	201	79
29	---	---	97	237	401	373	344	147	118	91	108	76
30	---	---	99	361	---	343	305	137	190	100	84	75
31	---	---	97	358	---	316	---	134	---	105	80	---
TOTAL	---	---	---	6914	7917	18728	30134	5578	3939	2884	2931	2371
MEAN	---	---	---	223	273	604	1004	180	131	93.0	94.5	79.0
MAX	---	---	---	560	535	2810	6430	280	271	127	201	116
MIN	---	---	---	98	161	215	276	134	104	79	77	66
CFSM	---	---	---	.79	.97	2.15	3.57	.64	.47	.33	.34	.28
IN.	---	---	---	.92	1.05	2.48	3.99	.74	.52	.38	.39	.31

MOBILE RIVER BASIN

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

LOCATION.--Lat 34°17'25", long 85°30'33", in NW$^1/_4$ 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 mi^2.

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 bench mark). 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	104	109	105	115	427	463	402	367	175	197	134	112
2	103	228	112	114	385	413	1020	344	169	170	132	113
3	105	328	122	111	351	373	4570	334	168	161	180	109
4	110	184	117	154	331	364	7000	321	166	154	158	116
5	124	142	117	230	304	344	7370	303	174	147	134	107
6	122	128	128	180	282	315	3030	289	334	140	131	100
7	106	126	126	159	266	288	1670	277	230	137	121	98
8	104	122	142	149	251	278	1310	264	194	135	118	100
9	107	116	144	185	242	265	1080	248	180	135	119	103
10	161	113	127	337	233	264	907	240	173	131	119	103
11	208	113	132	427	227	1200	794	231	166	124	119	101
12	147	111	128	308	250	1460	730	221	160	122	118	100
13	123	112	123	249	331	941	667	220	159	172	110	97
14	117	115	130	218	705	732	630	208	167	134	107	97
15	113	113	122	195	721	615	598	198	159	124	104	93
16	109	108	120	189	542	627	558	194	160	118	106	91
17	114	109	115	182	459	1200	516	189	182	116	108	90
18	108	106	116	177	441	826	475	187	189	113	105	87
19	100	109	123	176	409	815	447	183	205	113	102	88
20	108	108	120	172	377	3720	421	197	180	113	105	89
21	107	113	123	162	343	2490	405	225	168	117	108	140
22	103	113	126	167	314	1370	388	239	169	118	105	163
23	103	111	125	799	293	1070	371	220	188	118	99	138
24	103	110	127	791	281	888	405	286	166	124	99	121
25	103	116	125	583	269	763	554	216	157	130	102	134
26	104	120	121	463	259	678	464	256	153	129	100	122
27	100	121	117	384	537	611	405	245	148	122	128	107
28	101	113	114	335	660	565	458	211	148	119	254	102
29	101	104	111	341	535	505	443	196	173	118	161	99
30	104	103	113	488	---	470	396	184	259	129	121	96
31	104	---	110	481	---	435	---	179	---	137	114	---
TOTAL	3526	3824	3781	9021	11025	25348	38484	7472	5419	4117	3821	3216
MEAN	114	127	122	291	380	818	1283	241	181	133	123	107
MAX	208	328	144	799	721	3720	7370	367	334	197	254	163
MIN	100	103	105	111	227	264	371	179	148	113	99	87
CFSM	.31	.35	.33	.80	1.04	2.23	3.50	.66	.49	.36	.34	.29
IN.	.36	.39	.38	.92	1.12	2.58	3.91	.76	.55	.42	.39	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2000, BY WATER YEAR (WY)

MEAN	315	410	629	1004	1239	1407	910	572	371	351	224	210
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	93.3	105	122	252	338	312	245	179	111	108	113	107
(WY)	1988	1988	2000	1966	1988	1988	1986	1986	1988	1986	1987	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1959 - 2000	
ANNUAL TOTAL	170942		119054			
ANNUAL MEAN	468		325		641	
HIGHEST ANNUAL MEAN					1147	1990
LOWEST ANNUAL MEAN					249	1986
HIGHEST DAILY MEAN	4830	Jan 24	7370	Apr 5	20800	Feb 17 1990
LOWEST DAILY MEAN	100	Oct 19, 27	87	Sep 18	82	Aug 15 1988
ANNUAL SEVEN-DAY MINIMUM	102	Oct 23	91	Sep 14	89	Aug 13 1988
INSTANTANEOUS PEAK FLOW			7700	Apr 5	23300	Feb 17 1990
INSTANTANEOUS PEAK STAGE			17.91	Apr 5	24.25	Feb 17 1990
ANNUAL RUNOFF (CFSM)	1.28		.89		1.75	
ANNUAL RUNOFF (INCHES)	17.37		12.10		23.79	
10 PERCENT EXCEEDS	947		588		1290	
50 PERCENT EXCEEDS	302		160		330	
90 PERCENT EXCEEDS	108		104		141	

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

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966-68, 1972, 1974, 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
OCT											
07...	1330	18.5	25.0	753	4.10	104	787	764	7.6	82	8.1
NOV											
15...	1300	13.9	21.0	760	4.16	114	706	696	9.3	90	8.2
DEC											
13...	1630	12.9	19.5	753	4.21	123	665	706	8.9	85	8.0
JAN											
11...	1200	10.2	16.5	763	5.44	462	448	459	8.6	77	7.5
FEB											
17...	0945	10.6	13.5	758	5.37	466	302	309	9.5	86	8.0
MAR											
21...	1000	12.0	14.0	755	9.61	2430	119	143	9.4	88	7.7
APR											
05...	1800	14.2	22.0	751	17.43	7200	107	112	7.8	77	6.5
18...	1145	16.6	15.5	765	5.48	477	327	327	8.2	84	8.1
MAY											
09...	1130	21.6	28.0	759	4.74	248	452	444	6.2	71	7.9
JUN											
13...	1100	24.0	29.0	760	4.27	161	556	547	5.8	70	8.2
JUL											
11...	1145	27.0	32.0	762	4.05	122	392	378	6.1	77	8.1
AUG											
15...	1300	25.0	34.0	763	3.94	103	758	735	6.8	82	8.2
SEP											
12...	1200	23.5	31.0	761	3.93	100	741	759	6.5	77	8.1

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)
OCT											
07...	7.7	0	195	160	8	--	--	.69	.61	.33	.25
NOV											
15...	7.8	0	193	158	4	--	--	.40	.30	--	--
DEC											
13...	8.0	0	172	143	5	--	--	.73	.69	.40	.36
JAN											
11...	7.8	0	124	102	17	--	--	.87	.76	.39	.28
FEB											
17...	7.6	0	124	102	19	--	--	.63	.63	.18	.18
MAR											
21...	7.4	0	66	54	--	--	1600	.90	.60	.50	.21
APR											
05...	7.2	0	42	34	--	K690	K540	.59	.45	--	--
18...	7.8	0	135	111	8	--	--	.66	.59	--	--
MAY											
09...	7.7	0	142	116	--	--	80	.97	.93	.27	.23
JUN											
13...	7.8	0	174	142	--	--	110	1.1	1.0	.30	.25
JUL											
11...	8.0	0	150	123	6	--	K37	.71	.59	--	--
AUG											
15...	8.0	0	209	171	6	--	--	.62	.54	--	--
SEP											
12...	8.0	0	166	136	7	--	52	.83	.68	--	--

MOBILE RIVER BASIN

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
OCT											
07...	.076	<.010	--	.33	.41	.279	.10	--	--	1.07	.413
NOV											
15...	<.020	<.010	--	.24	.34	.058	--	--	--	1.02	.457
DEC											
13...	.027	.015	.290	.39	.42	.305	.03	1.28	.049	1.32	--
JAN											
11...	.080	.016	.387	.36	.47	.403	.10	1.71	.053	.693	.349
FEB											
17...	.057	<.010	--	.23	.23	.399	.07	--	--	.304	.187
MAR											
21...	.041	<.010	--	.25	.55	.352	.05	--	--	.101	.113
APR											
05...	<.020	<.010	--	.24	.38	.213	--	--	--	.061	.085
18...	<.020	<.010	--	.13	.20	.468	--	--	--	.254	.111
MAY											
09...	.075	.042	.583	.31	.35	.625	.10	2.58	.138	.383	<.008
JUN											
13...	.035	.016	.730	.28	.33	.746	.05	3.23	.053	.601	.198
JUL											
11...	<.020	<.010	--	.14	.27	.441	--	--	--	.711	.267
AUG											
15...	<.020	<.010	--	.28	.36	.266	--	--	--	1.00	.382
SEP											
12...	<.020	<.010	--	.26	.41	.418	--	--	--	.990	.413

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
OCT											
07...	.393	.349	3.9	.3	120	--	32.8	10.3	106	4	64
NOV											
15...	.423	.332	3.9	.2	130	--	34.5	9.91	94.0	4	60
DEC											
13...	.537	.429	4.2	.3	120	--	33.7	9.48	96.9	4	62
JAN											
11...	.279	.226	4.1	1.2	100	2	30.1	7.05	54.2	2	52
FEB											
17...	.141	.099	3.1	.6	88	--	27.2	4.77	26.2	1	39
MAR											
21...	.009	.033	4.1	1.1	50	--	16.0	2.46	5.8	.4	20
APR											
05...	.041	.020	4.5	.7	40	6	12.7	2.03	4.5	.3	19
18...	.107	.083	2.3	<.2	99	--	30.2	5.82	24.5	1	34
MAY											
09...	.160	.125	2.7	.4	110	--	33.2	7.12	42.9	2	45
JUN											
13...	.238	.196	3.3	.3	110	--	32.2	8.21	65.9	3	54
JUL											
11...	.265	.232	2.2	.3	120	--	31.8	8.77	29.3	1	35
AUG											
15...	.381	.326	3.0	<.2	120	--	32.8	9.77	106	4	64
SEP											
12...	.382	.323	2.6	.3	130	--	34.4	9.99	112	4	64

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT											
07...	6.2	42.9	150	<.1	6.4	20	32	473	453	133	.64
NOV											
15...	5.8	46.8	114	<.1	4.4	20	39	410	406	126	.56
DEC											
13...	5.3	40.8	120	<.1	4.4	30	40	422	398	140	.57
JAN											
11...	3.4	24.7	69.9	<.1	5.3	40	26	278	258	347	.38
FEB											
17...	2.6	13.2	28.5	<.1	5.1	30	22	179	171	225	.24
MAR											
21...	1.3	4.2	10.2	<.1	4.8	40	14	87	79	571	.12
APR											
05...	1.5	3.2	9.1	<.1	4.8	50	15	67	60	1300	.09
18...	2.0	10.3	29.5	<.1	4.8	20	21	184	176	237	.25
MAY											
09...	3.1	20.9	52.8	<.1	4.6	10	25	255	238	171	.35
JUN											
13...	4.7	21.1	92.4	.1	5.8	10	28	332	320	144	.45
JUL											
11...	2.5	21.0	27.5	<.1	5.6	<10	26	210	203	69.2	.29
AUG											
15...	6.2	45.5	134	<.1	6.4	E10	41	446	446	124	.61
SEP											
12...	6.8	37.6	160	.1	7.0	E10	34	464	452	125	.63

DATE	TIME	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	LEAD, DISSOLVED (UG/L AS PB) (01049)
JAN									
11...	1205	<2.0	25	<1	<1.0	<.8	<1	6	<1

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
JAN								
11...	1	<1	<1	6	2	15	<2.4	<1

MOBILE RIVER BASIN

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

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
APR 05...	<.007	<.002	.020	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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)	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)
APR 05...	<.007	<.005	<.004	.006	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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)	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)
APR 05...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003

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)
APR 05...	<.017	<.001	<.004	E.005	<.002	<.002	<.004	<.003	<.013	<.001	<.005

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

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
07...	1330	104	8	2.2	79
NOV					
15...	1300	114	2	.62	92
DEC					
13...	1630	123	6	2.0	59
JAN					
11...	1200	462	20	25	70
FEB					
17...	0945	466	86	108	97
MAR					
21...	1000	2430	82	538	79
APR					
05...	1800	7200	27	525	83
18...	1145	477	10	13	40
MAY					
09...	1130	248	7	4.7	16
JUN					
13...	1100	161	10	4.3	89
JUL					
11...	1145	122	13	4.3	79
AUG					
15...	1300	103	9	2.5	93
SEP					
12...	1200	100	12	3.2	91

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 SW$^1/_4$ 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 mi^2.
PERIOD OF RECORD.--October 1997 to current year.
GAGE.--Water-stage recorder. Altitude of gage is 1,370 ft, from topographic map.
REMARKS.--Estimated daily discharges: Aug. 13-23, Sept. 11-19. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.42	6.9	15	115	101	64	56	6.4	23	1.6	.55
2	.02	55	6.2	14	120	88	511	49	5.5	14	4.5	.67
3	.03	49	5.7	14	111	79	1880	43	4.6	10	7.5	1.8
4	.24	24	5.3	97	100	84	1700	39	3.8	7.5	2.4	1.1
5	.08	15	8.9	105	88	80	538	33	25	5.8	1.5	.77
6	.04	11	25	80	80	76	284	28	21	5.0	1.1	.82
7	.03	8.2	30	66	73	67	196	23	15	4.5	.83	.98
8	.03	6.2	23	57	67	61	161	20	12	3.7	.60	.92
9	.33	5.2	19	83	62	56	127	17	9.2	3.2	.39	.82
10	.81	4.4	28	292	57	61	104	14	7.5	2.6	.28	.59
11	.35	4.0	44	193	56	294	89	12	6.3	2.1	.60	e.90
12	.19	3.8	37	133	67	286	84	11	5.4	1.8	.39	e.65
13	.14	3.4	35	112	94	198	82	12	4.5	1.5	e.30	e.55
14	.13	3.2	43	97	227	152	85	14	3.8	1.1	e.20	e.45
15	.15	2.8	40	86	196	122	79	12	3.4	.84	e.18	e.40
16	.13	2.5	33	77	150	116	72	9.7	4.3	.52	e.16	e.35
17	.12	2.2	28	71	118	138	65	8.8	7.3	.40	e.14	e.30
18	.12	2.1	25	71	100	116	58	7.9	12	.32	e.13	e.27
19	.11	2.0	24	72	108	198	53	7.2	18	.27	e.12	e.25
20	.11	1.9	23	73	105	1020	48	7.5	17	.24	e.12	1.1
21	.10	1.9	25	66	94	441	51	7.2	12	.23	e.11	2.0
22	.09	2.0	35	67	86	261	44	6.4	22	.19	e.10	2.5
23	.09	1.9	37	148	77	190	39	8.2	17	.57	e.09	2.8
24	.09	2.0	33	201	70	148	41	17	13	.31	.08	4.4
25	.09	7.7	29	165	64	120	52	18	9.5	.24	.07	3.7
26	.09	8.6	26	128	59	102	48	16	8.1	.21	.05	3.6
27	.11	10	24	102	119	96	44	12	8.5	.19	.42	5.5
28	.09	11	22	90	147	96	69	11	6.4	.18	1.5	5.3
29	.09	9.6	20	96	119	85	69	8.6	21	.17	1.8	4.0
30	.08	7.9	18	121	---	79	62	7.1	40	.25	1.0	3.1
31	.08	---	16	124	---	71	---	6.3	---	.40	.69	---
TOTAL	4.20	268.92	775.0	3116	2929	5082	6799	541.9	349.5	91.33	28.95	51.14
MEAN	.14	8.96	25.0	101	101	164	227	17.5	11.6	2.95	.93	1.70
MAX	.81	55	44	292	227	1020	1880	56	40	23	7.5	5.5
MIN	.02	.42	5.3	14	56	56	39	6.3	3.4	.17	.05	.25
CFSM	.00	.21	.58	2.35	2.36	3.83	5.30	.41	.27	.07	.02	.04
IN.	.00	.23	.67	2.71	2.55	4.42	5.91	.47	.30	.08	.03	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2000, BY WATER YEAR (WY)

MEAN	17.9	19.7	55.7	187	163	125	148	64.2	24.8	18.7	2.39	2.24
MAX	51.2	46.6	78.8	237	254	164	227	109	39.1	50.3	5.17	4.98
(WY)	1998	1998	1998	1998	1998	2000	2000	1999	1999	1999	1998	1998
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1997 - 2000	
ANNUAL TOTAL	23570.23		20036.94			
ANNUAL MEAN	64.6		54.7		68.7	
HIGHEST ANNUAL MEAN					83.7	1998
LOWEST ANNUAL MEAN					54.7	2000
HIGHEST DAILY MEAN	1550	Jan 23	1880	Apr 3	1880	Apr 3 2000
LOWEST DAILY MEAN	.01	Several days	.02	Oct 2	.01	Sep 1999
ANNUAL SEVEN-DAY MINIMUM	.01	Sep 22	.07	Oct 2	.01	Sep 22 1999
INSTANTANEOUS PEAK FLOW			3130	Apr 3	3130	Apr 3 2000
INSTANTANEOUS PEAK STAGE			11.18	Apr 3	11.18	Apr 3 2000
ANNUAL RUNOFF (CFSM)	1.51		1.28		1.60	
ANNUAL RUNOFF (INCHES)	20.49		17.42		21.80	
10 PERCENT EXCEEDS	146		119		150	
50 PERCENT EXCEEDS	30		12		25	
90 PERCENT EXCEEDS	.06		.16		.33	

e Estimated

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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	3.8	14	46	646	517	253	213	14	86	9.4	2.6
2	1.2	12	12	44	581	436	1500	181	12	56	20	12
3	1.1	129	11	43	528	373	7300	155	11	39	20	21
4	1.1	69	11	187	475	359	8130	151	12	28	23	15
5	.87	42	11	405	398	336	3010	128	11	20	23	11
6	.74	28	16	262	345	301	1880	109	87	16	14	7.4
7	.72	22	38	196	312	266	1270	95	78	12	10	5.8
8	.71	18	49	168	284	236	993	84	51	9.5	8.8	5.6
9	1.3	14	39	198	254	217	803	75	36	8.5	7.4	4.9
10	5.3	12	38	1100	233	212	616	67	26	7.7	6.3	4.1
11	7.2	11	53	1030	218	1370	514	61	21	6.2	6.1	4.1
12	15	9.1	82	631	237	1690	459	56	17	5.0	6.4	3.9
13	13	8.4	83	489	329	1110	415	51	14	4.2	5.2	3.8
14	10	8.0	81	423	1060	832	391	46	11	3.6	4.1	3.6
15	7.9	7.3	90	342	984	649	369	35	9.8	2.9	3.4	3.2
16	7.3	7.2	81	300	737	625	320	28	9.0	2.8	2.6	2.9
17	5.8	6.9	70	279	576	959	286	24	11	2.3	2.3	2.5
18	4.9	6.6	62	257	502	801	246	22	12	1.8	2.0	2.2
19	4.3	6.5	60	255	459	1130	218	19	24	1.5	1.7	1.9
20	4.2	6.2	59	246	442	5010	195	22	36	1.4	1.4	1.8
21	4.1	6.3	60	222	393	2460	180	26	40	1.7	1.3	9.4
22	3.8	6.2	74	214	347	1510	178	26	38	1.8	1.3	38
23	3.5	6.0	92	846	298	1080	155	24	51	1.8	1.2	21
24	3.3	6.5	87	1310	268	849	166	23	52	2.5	1.1	17
25	3.5	6.9	78	1070	242	682	263	24	38	2.5	1.0	56
26	3.5	7.0	69	774	221	566	245	58	28	2.2	.87	60
27	3.6	8.9	63	580	538	502	210	58	23	2.3	1.2	39
28	3.5	13	59	474	834	442	323	44	20	2.1	2.3	27
29	3.5	15	55	494	630	375	320	28	47	2.4	2.2	21
30	3.2	15	52	670	---	342	256	21	61	15	1.7	17
31	3.1	---	49	728	---	293	---	17	---	18	1.7	---
TOTAL	132.34	517.8	1698	14283	13371	26530	31464	1971	900.8	366.7	192.97	424.7
MEAN	4.27	17.3	54.8	461	461	856	1049	63.6	30.0	11.8	6.22	14.2
MAX	15	129	92	1310	1060	5010	8130	213	87	86	23	60
MIN	.71	3.8	11	43	218	212	155	17	9.0	1.4	.87	1.8
CFSM	.02	.09	.28	2.32	2.32	4.30	5.27	.32	.15	.06	.03	.07
IN.	.02	.10	.32	2.67	2.50	4.96	5.88	.37	.17	.07	.04	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2000, BY WATER YEAR (WY)

MEAN	185	372	633	970	955	1093	717	371	169	192	78.6	110
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1959 - 2000	
ANNUAL TOTAL	121046.40		91852.31			
ANNUAL MEAN	332		251		485	
HIGHEST ANNUAL MEAN					784	1990
LOWEST ANNUAL MEAN					192	1986
HIGHEST DAILY MEAN	8200	Jan 23	8130	Apr 4	27100	Feb 16 1990
LOWEST DAILY MEAN	.27	Sep 20	.71	Oct 8	.20	Jul 20 1960
ANNUAL SEVEN-DAY MINIMUM	.33	Sep 23	.92	Oct 2	.29	Jul 15 1960
INSTANTANEOUS PEAK FLOW			13400	Apr 4	* 53800	Jul 24 1985
INSTANTANEOUS PEAK STAGE			10.03	Apr 4	16.98	Jul 24 1985
ANNUAL RUNOFF (CFSM)	1.67		1.26		2.44	
ANNUAL RUNOFF (INCHES)	22.63		17.17		33.12	
10 PERCENT EXCEEDS	783		630		1210	
50 PERCENT EXCEEDS	122		37		166	
90 PERCENT EXCEEDS	1.2		2.3		5.3	

* From rating curve extended above 23,000 ft^3/s 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 SW$^1/_4$ 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 mi^2.
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 ft^3/s, 21.03 in/yr.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,200 ft^3/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 ft^3/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, 565.49 ft, Apr. 6; minimum elevation, 557.23 ft, Dec. 30.

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	560.06	560.27	559.51	557.59	560.01	561.66	562.66	564.00	562.32	562.72	561.86	560.81
2	560.06	560.29	559.31	557.81	559.95	561.59	562.74	563.93	562.23	562.77	561.81	561.14
3	560.15	560.35	559.16	557.90	559.80	561.53	563.49	563.84	562.23	562.78	561.73	561.34
4	560.25	560.48	559.18	557.79	559.71	561.68	564.63	563.76	562.23	562.72	561.65	561.33
5	560.26	560.52	559.37	557.62	559.75	561.96	565.32	563.66	562.21	562.72	561.65	561.28
6	560.24	560.67	559.32	557.42	559.99	562.14	565.39	563.59	562.20	562.73	561.69	561.19
7	560.19	560.91	559.07	557.36	559.98	562.20	565.00	563.57	562.32	562.74	561.65	560.99
8	560.16	561.07	558.91	557.47	559.80	562.24	564.42	563.55	562.42	562.76	561.57	560.91
9	560.11	561.13	558.86	557.75	559.71	562.22	564.15	563.34	562.36	562.78	561.48	560.90
10	560.38	561.10	558.78	558.00	559.78	562.32	563.98	563.26	562.26	562.74	561.38	560.92
11	560.71	560.88	558.83	558.43	559.88	562.80	563.84	563.27	562.23	562.67	561.33	560.88
12	560.78	560.76	558.89	558.71	560.05	562.99	563.77	563.21	562.24	562.62	561.31	560.84
13	560.78	560.70	558.91	558.84	560.31	563.16	563.75	563.14	562.23	562.57	561.29	560.84
14	560.79	560.84	558.81	558.68	560.68	563.24	563.67	563.20	562.21	562.51	561.22	560.76
15	560.80	560.72	558.58	558.65	561.13	563.04	563.89	563.32	562.17	562.45	561.17	560.67
16	560.79	560.30	558.36	558.82	561.20	562.69	563.96	563.25	562.10	562.47	561.13	560.63
17	560.84	559.96	558.09	558.91	561.31	562.49	563.70	563.17	562.09	562.46	561.07	560.68
18	560.85	559.65	558.16	558.87	561.33	562.48	563.62	562.95	562.12	562.37	560.96	560.61
19	560.74	559.41	558.32	558.84	561.38	562.64	563.63	562.86	562.19	562.26	560.88	560.52
20	560.66	559.49	558.33	558.78	561.54	563.19	563.61	562.85	562.25	562.20	560.98	560.46
21	560.60	559.68	558.45	558.66	561.55	563.63	563.65	562.81	562.32	562.13	561.01	560.54
22	560.52	559.75	558.29	558.74	561.34	563.76	563.77	562.78	562.38	562.08	560.93	560.65
23	560.49	559.59	558.07	559.01	561.20	563.46	563.85	562.72	562.38	562.08	560.88	560.80
24	560.54	559.48	558.04	559.13	561.16	563.17	563.90	562.73	562.38	562.09	560.84	560.97
25	560.44	559.50	558.19	559.30	561.14	562.93	563.86	562.76	562.42	562.12	560.79	560.92
26	560.31	559.51	558.30	559.44	561.22	562.86	563.84	562.80	562.47	562.05	560.75	560.83
27	560.24	559.54	558.17	559.46	561.45	562.84	563.86	562.79	562.47	561.95	560.77	560.78
28	560.17	559.66	557.86	559.40	561.56	562.78	563.85	562.74	562.48	561.83	560.79	560.68
29	560.10	559.73	557.58	559.60	561.61	562.81	563.96	562.67	562.57	561.72	560.83	560.62
30	560.12	559.67	557.43	559.95	---	562.75	564.06	562.60	562.62	561.71	560.84	560.65
31	560.16	---	557.39	560.01	---	562.66	---	562.46	---	561.84	560.80	---
MEAN	560.43	560.19	558.53	558.61	560.67	562.64	563.93	563.15	562.30	562.38	561.19	560.84
MAX	560.85	561.13	559.51	560.01	561.61	563.76	565.39	564.00	562.62	562.78	561.86	561.34
MIN	560.06	559.41	557.39	557.36	559.71	561.53	562.66	562.46	562.09	561.71	560.75	560.46

CAL YR 1999	MEAN 561.55	MAX 564.71	MIN 557.39
WTR YR 2000	MEAN 561.24	MAX 565.39	MIN 557.36

MOBILE RIVER BASIN

02400100 TERRAPIN CREEK AT ELLISVILLE, AL

LOCATION.--Lat 34°03'54", long 85°36'51", in SW$^1/_4$ 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 Ellisville, and 6.7 miles upstream from mouth.
DRAINAGE AREA.--252 mi^2.
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.--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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	103	118	122	235	226	218	171	128	107	110	49
2	91	220	125	122	214	202	389	160	124	91	105	50
3	88	234	124	122	197	188	3070	156	120	82	90	52
4	120	161	123	132	183	202	4030	172	118	80	81	52
5	137	142	124	208	171	211	2160	161	123	79	74	52
6	110	166	126	176	161	186	1820	149	139	76	71	50
7	97	136	124	152	156	172	1540	140	138	73	65	49
8	89	129	122	142	151	162	1190	139	128	70	62	52
9	90	127	118	144	147	155	948	139	109	72	61	54
10	552	125	126	648	146	173	667	136	93	71	61	53
11	385	128	131	654	144	578	425	128	90	71	60	53
12	190	126	134	321	143	501	351	125	87	70	59	53
13	145	128	142	230	146	393	328	124	85	68	59	51
14	129	131	172	188	533	313	333	119	83	66	60	53
15	120	131	173	164	519	266	357	114	81	66	57	52
16	113	130	152	154	342	246	314	112	85	66	55	52
17	108	129	139	151	275	281	284	110	94	64	54	49
18	103	129	133	149	243	262	263	109	94	64	53	49
19	99	129	133	144	221	281	246	106	99	63	50	50
20	102	131	131	140	188	1630	234	104	102	64	51	50
21	98	132	138	133	168	1230	226	121	98	68	50	70
22	99	128	156	135	158	795	220	389	98	73	52	71
23	96	125	164	296	151	519	205	260	95	70	50	76
24	95	124	151	534	146	395	211	201	88	79	51	90
25	95	125	140	359	141	322	217	181	84	84	50	80
26	95	129	134	271	138	285	205	163	84	80	49	71
27	95	131	131	220	204	266	191	154	89	77	53	67
28	97	130	129	194	339	266	201	156	101	75	58	65
29	99	125	126	202	267	238	204	155	96	82	54	63
30	97	120	123	250	---	228	184	146	105	91	50	59
31	99	---	123	244	---	236	---	136	---	86	48	---
TOTAL	4026	4104	4185	7101	6227	11408	21231	4736	3058	2328	1903	1737
MEAN	130	137	135	229	215	368	708	153	102	75.1	61.4	57.9
MAX	552	234	173	654	533	1630	4030	389	139	107	110	90
MIN	88	103	118	122	138	155	184	104	81	63	48	49
CFSM	.52	.54	.54	.91	.85	1.46	2.81	.61	.40	.30	.24	.23
IN.	.59	.61	.62	1.05	.92	1.68	3.13	.70	.45	.34	.28	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2000, BY WATER YEAR (WY)

MEAN	210	251	367	586	762	811	635	379	254	215	199	150
MAX	1261	897	1152	1293	1961	1735	1215	843	972	702	759	305
(WY)	1996	1996	1984	1993	1990	1964	1982	1966	1989	1989	1984	1966
MIN	67.9	89.7	97.6	137	215	200	143	113	79.0	73.9	61.4	57.9
(WY)	1989	1988	1989	1981	2000	1988	1986	1986	1988	1986	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1963 - 2000	
ANNUAL TOTAL	108718		72044			
ANNUAL MEAN	298		197		400	
HIGHEST ANNUAL MEAN					657	1996
LOWEST ANNUAL MEAN					147	1986
HIGHEST DAILY MEAN	2000	Jan 23	4030	Apr 4	12000	Oct 5 1995
LOWEST DAILY MEAN	71	Sep 16	48	Aug 31	48	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	74	Sep 13	50	Aug 20	50	Aug 20 2000
INSTANTANEOUS PEAK FLOW			5720	Apr 4	20100	Mar 4 1979
INSTANTANEOUS PEAK STAGE			14.62	Apr 4	19.82	Mar 4 1979
ANNUAL RUNOFF (CFSM)	1.18		.78		1.59	
ANNUAL RUNOFF (INCHES)	16.05		10.64		21.55	
10 PERCENT EXCEEDS	678		313		845	
50 PERCENT EXCEEDS	171		128		210	
90 PERCENT EXCEEDS	91		58		96	

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 SE$^1/_4$ 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 mi^2.
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, 24.90 ft, Apr. 5; minimum gage height, 18.17 ft, Dec. 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	20.41	---	18.46	18.75	19.01	18.71	20.88	21.88	20.55	20.76	20.59	---
2	20.10	20.38	18.40	18.78	18.88	18.61	20.84	21.90	20.48	20.79	20.56	---
3	19.97	20.14	18.33	18.59	18.94	18.73	23.82	21.88	20.37	20.75	20.55	---
4	19.91	19.68	18.35	18.71	18.94	18.90	24.55	21.87	20.43	20.73	20.57	---
5	19.87	19.18	18.39	18.73	19.05	18.98	24.74	21.82	20.49	20.73	20.57	---
6	19.80	18.94	18.33	18.81	18.97	18.98	24.09	21.81	20.47	20.69	20.61	---
7	19.75	18.93	18.29	18.67	18.86	19.03	23.34	21.85	20.43	20.63	20.63	---
8	19.69	19.00	18.28	18.64	18.88	18.91	23.13	21.84	20.40	20.64	20.64	---
9	---	18.93	18.35	18.59	18.89	18.98	23.77	21.66	20.36	20.69	---	---
10	---	18.98	18.50	18.80	18.81	19.10	23.51	21.56	20.22	20.70	---	---
11	---	18.92	18.61	18.58	18.75	20.52	22.18	21.44	20.25	20.68	---	---
12	---	18.87	18.78	18.75	18.67	21.04	21.05	21.35	20.31	20.67	---	---
13	---	18.91	18.80	18.91	18.75	21.35	20.47	21.37	20.30	20.72	---	---
14	---	18.86	18.79	18.81	18.84	21.02	20.51	21.59	20.25	20.80	---	---
15	---	18.81	18.69	18.90	18.92	21.07	20.86	21.63	20.23	20.79	---	---
16	---	18.81	18.67	18.97	19.03	21.08	21.03	21.63	20.45	20.78	---	---
17	---	18.74	18.56	18.93	19.06	21.16	20.91	21.42	20.65	20.77	---	---
18	---	18.62	18.62	18.85	18.82	21.24	20.91	21.30	20.68	20.71	---	---
19	---	18.68	18.67	18.80	18.79	20.98	20.87	21.13	20.73	20.67	---	---
20	---	18.71	18.66	18.76	18.91	21.96	20.89	20.92	20.76	20.52	---	---
21	---	18.71	18.48	18.77	18.91	22.39	20.70	20.94	20.63	20.41	---	---
22	---	18.71	18.46	18.88	18.85	21.86	20.64	21.00	20.64	20.43	---	---
23	---	18.71	18.44	18.68	18.85	21.63	20.83	21.03	20.64	20.47	---	---
24	---	18.76	18.51	18.73	18.94	20.72	20.92	21.02	20.67	20.54	---	---
25	---	18.81	18.69	18.96	18.99	20.83	21.05	21.01	20.72	20.51	---	---
26	---	18.77	18.78	18.97	19.00	20.66	21.16	20.85	20.71	20.48	---	---
27	---	18.78	18.70	18.70	19.02	20.75	21.32	20.68	20.74	20.46	---	---
28	---	18.81	18.61	18.66	19.07	20.85	21.48	20.56	20.77	20.40	---	---
29	---	18.61	18.60	18.74	18.93	20.91	21.53	20.49	20.81	20.45	---	---
30	---	18.53	18.61	18.86	---	20.91	21.68	20.55	20.76	20.65	---	---
31	---	---	18.64	18.96	---	20.99	---	20.55	---	20.73	---	---
MEAN	---	---	18.55	18.78	18.91	20.41	21.79	21.31	20.53	20.64	---	---
MAX	---	---	18.80	18.97	19.07	22.39	24.74	21.90	20.81	20.80	---	---
MIN	---	---	18.28	18.58	18.67	18.61	20.47	20.49	20.22	20.40	---	---

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02400500 COOSA RIVER AT GADSDEN, AL

LOCATION.--Lat 34°00'37", long 85°59'52", in NW$^1/_4$ 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 mi^2.
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, 195l-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 ft^3/s, 22.15 in/yr.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76,900 ft^3/s, Apr. 11, 1936, gage height, 31.13 ft; minimum daily, 100 ft^{3}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 ft^3/s, from rating curve extended above 80,000 ft^3/s. Flood of July 15, 1916, reached a stage of 32.7 ft, discharge, 85,000 ft^3/s.
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.87 ft, Apr. 5; minimum, 17.96 ft, Dec. 7, 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	20.25	19.93	18.30	18.63	18.86	18.53	20.70	21.71	20.35	20.59	20.42	19.44
2	19.94	20.22	18.24	18.66	18.70	18.43	20.63	21.72	20.28	20.62	20.39	19.51
3	19.81	19.98	18.17	18.46	18.75	18.56	23.22	21.69	20.18	20.58	20.38	19.58
4	19.76	19.53	18.22	18.57	18.74	18.74	23.61	21.69	20.25	20.55	20.39	19.64
5	19.71	19.03	18.26	18.59	18.88	18.81	23.73	21.64	20.31	20.56	20.41	19.65
6	19.65	18.80	18.18	18.67	18.81	18.81	23.08	21.63	20.29	20.52	20.44	19.57
7	19.59	18.78	18.13	18.54	18.67	18.86	22.32	21.68	20.25	20.45	20.44	19.49
8	19.55	18.85	18.13	18.52	18.70	18.74	22.16	21.62	20.20	20.47	20.46	19.56
9	19.52	18.79	18.21	18.47	18.72	18.81	23.02	21.45	20.16	20.51	20.45	19.77
10	19.97	18.81	18.35	18.66	18.64	18.94	22.93	21.38	20.03	20.52	20.42	19.81
11	20.49	18.75	18.49	18.44	18.59	20.29	21.79	21.25	20.07	20.50	20.38	19.85
12	20.60	18.70	18.67	18.63	18.51	20.77	20.75	21.15	20.12	20.49	20.33	19.84
13	20.59	18.75	18.65	18.75	18.59	21.14	20.24	21.17	20.11	20.54	20.34	19.78
14	20.34	18.73	18.65	18.66	18.68	20.79	20.29	21.42	20.05	20.61	20.33	19.74
15	20.18	18.64	18.52	18.76	18.75	20.83	20.68	21.45	20.03	20.61	20.28	19.70
16	20.12	18.63	18.51	18.84	18.83	20.84	20.82	21.44	20.26	20.61	20.17	19.70
17	20.16	18.56	18.41	18.79	18.88	20.93	20.68	21.22	20.47	20.59	20.03	19.71
18	20.24	18.44	18.49	18.71	18.64	21.06	20.71	21.09	20.49	20.53	20.01	19.67
19	20.22	18.53	18.54	18.67	18.62	20.80	20.66	20.94	20.56	20.49	20.09	19.60
20	20.29	18.66	18.53	18.61	18.75	21.68	20.68	20.73	20.59	20.34	20.02	19.59
21	20.34	18.58	18.34	18.62	18.71	22.06	20.51	20.76	20.46	20.23	19.91	19.59
22	20.35	18.59	18.31	18.81	18.65	21.52	20.46	20.81	20.47	20.25	19.80	19.58
23	20.30	18.57	18.28	18.55	18.68	21.26	20.66	20.84	20.47	20.29	19.74	19.63
24	20.35	18.63	18.37	18.54	18.77	20.43	20.74	20.83	20.51	20.36	19.73	19.72
25	20.28	18.67	18.57	18.85	18.81	20.60	20.85	20.82	20.56	20.33	19.77	19.74
26	20.23	18.63	18.65	18.80	18.84	20.47	20.96	20.66	20.55	20.30	19.83	19.67
27	20.24	18.65	18.55	18.53	18.85	20.57	21.11	20.49	20.57	20.28	19.92	19.67
28	20.27	18.68	18.45	18.48	18.86	20.67	21.28	20.35	20.60	20.22	19.97	19.63
29	20.39	18.46	18.45	18.60	18.75	20.73	21.37	20.30	20.64	20.26	19.84	19.62
30	20.18	18.38	18.46	18.72	---	20.74	21.51	20.35	20.59	20.49	19.72	19.65
31	20.17	---	18.52	18.79	---	20.81	---	20.36	---	20.56	19.61	---
MEAN	20.13	18.83	18.41	18.64	18.73	20.20	21.41	21.12	20.35	20.46	20.13	19.66
MAX	20.60	20.22	18.67	18.85	18.88	22.06	23.73	21.72	20.64	20.62	20.46	19.85
MIN	19.52	18.38	18.13	18.44	18.51	18.43	20.24	20.30	20.03	20.22	19.61	19.44

CAL YR 1999	MEAN 20.09	MAX 22.87	MIN 18.13
WTR YR 2000	MEAN 19.84	MAX 23.73	MIN 18.13

02401000 BIG WILLS CREEK NEAR REECE CITY, AL

LOCATION.--Lat 34°05'53", long 86°02'17", in SE$^1/_4$ 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 mi^2.
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: June 8-18, 24-27, July 2-23. 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.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	56	54	53	210	187	196	156	97	131	48	50
2	60	140	54	52	188	168	434	149	95	e102	51	50
3	57	152	55	52	173	156	2140	147	93	e95	91	142
4	59	99	55	159	162	152	3700	143	92	e88	73	102
5	58	76	58	226	150	145	3500	136	91	e83	67	91
6	61	70	63	117	139	132	1450	128	188	e80	61	84
7	57	66	68	90	130	123	823	121	132	e75	58	78
8	56	63	64	80	125	119	643	115	e105	e71	55	71
9	59	62	58	101	120	114	533	112	e97	e67	53	65
10	77	62	63	320	116	114	455	112	e90	e64	52	61
11	107	62	66	351	112	584	408	110	e86	e61	51	58
12	87	62	70	193	108	684	376	107	e82	e59	50	55
13	69	61	65	157	111	406	356	105	e80	e57	50	55
14	65	60	67	142	234	331	348	103	e90	e56	49	54
15	63	59	68	127	266	284	324	102	e85	e54	49	53
16	61	57	63	114	196	262	290	100	e80	e53	48	52
17	60	57	60	108	167	311	270	99	e78	e52	48	51
18	58	57	58	104	154	290	251	98	e78	e51	47	50
19	57	57	60	101	148	348	236	97	116	e50	47	49
20	58	58	60	98	136	1500	222	96	143	e50	47	48
21	58	58	60	92	126	1360	215	96	113	e55	46	48
22	57	57	63	93	118	604	201	96	126	e53	46	129
23	57	55	66	412	115	474	190	95	181	e60	46	93
24	56	56	64	620	109	406	191	94	e110	67	45	85
25	54	64	59	358	105	357	197	94	e100	83	45	80
26	53	64	57	266	102	323	185	105	e90	69	44	100
27	55	61	56	217	196	298	169	116	e85	59	45	90
28	55	59	55	188	309	276	186	105	113	55	48	81
29	55	56	54	183	225	248	206	103	280	53	52	72
30	55	54	53	246	---	230	170	100	197	51	52	64
31	55	---	52	245	---	214	---	99	---	50	51	---
TOTAL	1899	2020	1868	5665	4550	11200	18865	3439	3393	2054	1615	2161
MEAN	61.3	67.3	60.3	183	157	361	629	111	113	66.3	52.1	72.0
MAX	107	152	70	620	309	1500	3700	156	280	131	91	142
MIN	53	54	52	52	102	114	169	94	78	50	44	48
CFSM	.34	.37	.33	1.00	.86	1.99	3.46	.61	.62	.36	.29	.40
IN.	.39	.41	.38	1.16	.93	2.29	3.86	.70	.69	.42	.33	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2000, BY WATER YEAR (WY)

MEAN	113	186	283	513	631	640	482	287	183	162	99.9	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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1944 - 2000	
ANNUAL TOTAL	98262		58729			
ANNUAL MEAN	269		160		305	
HIGHEST ANNUAL MEAN					501	1949
LOWEST ANNUAL MEAN					112	1988
HIGHEST DAILY MEAN	3230	Jan 24	3700	Apr 4	12600	Mar 29 1951
LOWEST DAILY MEAN	52	Dec 31	44	Aug 26	22	Sep 22 1955
ANNUAL SEVEN-DAY MINIMUM	55	Oct 25	45	Aug 21	23	Oct 1 1986
INSTANTANEOUS PEAK FLOW			4060	Apr 4	15800	Feb 17 1990
INSTANTANEOUS PEAK STAGE			10.34	Apr 4	15.07	Feb 17 1990
ANNUAL RUNOFF (CFSM)	1.48		.88		1.68	
ANNUAL RUNOFF (INCHES)	20.08		12.00		22.80	
10 PERCENT EXCEEDS	545		286		623	
50 PERCENT EXCEEDS	171		90		156	
90 PERCENT EXCEEDS	57		52		54	

e Estimated

MOBILE RIVER BASIN

02401390 BIG CANOE CREEK AT ASHVILLE, AL

LOCATION.--Lat 33°50'23", long 86°15'46", in SW$^1/_4$SE$^1/_4$ 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 mi^2.
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: Oct. 10, 11, Dec. 13-15, Jan. 4, 5, 10, 11, Mar. 11-19, Mar. 23 to Apr. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	14	18	27	148	171	e165	65	25	26	17	11
2	17	40	17	27	123	145	e700	61	24	21	16	11
3	19	55	18	26	104	124	e3500	58	23	19	15	11
4	18	29	18	e100	94	314	e6000	56	25	19	21	11
5	24	23	19	e150	83	192	e4000	54	28	18	20	11
6	19	20	21	88	74	145	e1300	50	29	17	17	10
7	16	18	24	65	68	120	e650	47	27	16	15	10
8	15	17	23	56	64	104	e460	44	25	15	14	10
9	15	17	22	56	61	94	e380	42	24	15	14	11
10	e30	16	23	e200	58	88	e330	40	23	15	14	12
11	e60	16	27	e250	56	e800	e280	40	21	15	34	11
12	38	15	29	163	55	e1000	251	39	21	15	36	11
13	24	16	e38	124	53	e700	231	37	20	14	21	10
14	20	16	e55	113	210	e540	223	35	20	14	17	9.8
15	19	16	e45	85	214	e420	251	33	20	13	15	11
16	17	16	35	74	138	e380	201	32	20	13	14	10
17	17	17	30	72	110	e490	213	31	21	13	13	10
18	16	17	27	71	101	e410	209	31	24	13	12	8.9
19	15	16	28	67	110	e700	158	30	21	13	12	8.7
20	16	16	32	62	103	3210	138	29	21	13	11	8.8
21	16	17	34	57	86	1670	123	41	22	12	11	9.2
22	16	19	52	55	78	526	112	40	25	12	11	11
23	15	20	42	372	73	e410	101	34	24	12	11	23
24	15	19	36	265	68	e340	101	31	21	12	11	26
25	15	21	33	152	65	e280	106	29	20	12	11	26
26	15	21	31	115	61	e260	92	28	23	13	11	19
27	15	20	29	92	349	e230	80	28	20	15	13	15
28	14	19	29	81	381	e205	84	28	19	15	15	13
29	14	18	28	149	218	e190	88	29	28	16	15	12
30	14	18	28	272	---	e180	73	27	39	16	13	12
31	14	---	27	189	---	e170	---	26	---	18	12	---
TOTAL	595	602	918	3675	3406	14608	20600	1195	703	470	482	373.4
MEAN	19.2	20.1	29.6	119	117	471	687	38.5	23.4	15.2	15.5	12.4
MAX	60	55	55	372	381	3210	6000	65	39	26	36	26
MIN	14	14	17	26	53	88	73	26	19	12	11	8.7
CFSM	.14	.14	.21	.84	.83	3.34	4.87	.27	.17	.11	.11	.09
IN.	.16	.16	.24	.97	.90	3.85	5.43	.32	.19	.12	.13	.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2000, BY WATER YEAR (WY)

MEAN	106	167	304	513	492	604	445	238	135	93.7	51.7	83.5
MAX	715	785	1042	1017	1219	1720	1568	763	1222	414	171	385
(WY)	1996	1993	1984	1973	1990	1980	1979	1973	1997	1994	1992	1979
MIN	13.2	16.7	23.0	43.3	117	151	49.4	38.5	22.0	15.2	15.5	12.4
(WY)	1999	1979	1966	1981	2000	1986	1986	2000	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1966 - 2000	
ANNUAL TOTAL	62379		47627.4			
ANNUAL MEAN	171		130		268	
HIGHEST ANNUAL MEAN					423	1973
LOWEST ANNUAL MEAN					84.8	1986
HIGHEST DAILY MEAN	2640	Jan 23	6000	Apr 4	10700	Apr 13 1979
LOWEST DAILY MEAN	13	Sep 16-19	8.7	Sep 19	8.7	Sep 19 2000
ANNUAL SEVEN-DAY MINIMUM	13	Sep 15	9.5	Sep 15	9.5	Sep 15 2000
INSTANTANEOUS PEAK FLOW			7900	Apr 4	13600	Apr 13 1979
INSTANTANEOUS PEAK STAGE			16.87	Apr 4	18.75	Apr 13 1979
ANNUAL RUNOFF (CFSM)	1.21		.92		1.90	
ANNUAL RUNOFF (INCHES)	16.46		12.57		25.86	
10 PERCENT EXCEEDS	420		230		568	
50 PERCENT EXCEEDS	55		27		94	
90 PERCENT EXCEEDS	15		12		21	

e Estimated

MOBILE RIVER BASIN

02403395 CHOCCOLOCCO CREEK AT OXFORD, AL

LOCATION.--Lat 33°36'01", long 85°49'40", in NW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	115	55	61	188	207	198	160	88	58	114	31
2	48	133	55	61	175	185	485	153	83	49	57	34
3	47	129	54	62	163	181	1670	147	79	48	54	34
4	61	100	55	168	153	293	3540	145	84	46	52	31
5	64	84	58	115	140	248	3040	166	120	44	52	32
6	67	75	59	106	130	218	1550	151	101	41	48	33
7	55	69	61	92	124	197	1200	142	94	40	47	31
8	49	67	62	84	119	181	989	133	85	36	44	30
9	48	66	60	111	115	168	790	124	79	36	39	30
10	254	64	73	556	111	170	670	120	75	54	44	30
11	202	63	64	464	110	282	577	117	70	42	100	30
12	133	59	63	336	108	329	465	113	69	40	41	30
13	97	60	122	242	148	312	393	105	68	38	40	29
14	82	58	89	183	575	267	422	99	66	35	39	28
15	73	58	87	150	418	235	413	94	65	34	37	28
16	66	60	80	134	306	245	367	91	94	31	36	27
17	62	57	73	132	250	262	378	88	63	31	35	25
18	60	56	67	126	216	232	331	84	75	32	32	26
19	58	56	69	120	193	395	300	83	92	31	29	26
20	60	56	67	115	172	1280	274	158	72	75	29	24
21	59	57	101	107	158	944	266	312	66	41	30	30
22	56	58	89	127	148	734	242	275	60	34	30	38
23	54	59	85	569	140	580	226	219	57	141	28	32
24	53	58	79	444	132	422	224	157	52	60	28	34
25	52	57	73	353	127	335	221	135	54	43	27	40
26	52	60	70	265	120	288	206	120	52	42	26	34
27	52	59	69	213	280	271	191	108	49	40	76	33
28	54	59	67	185	275	254	190	122	48	36	37	32
29	52	59	65	206	237	225	183	108	62	61	35	30
30	50	56	63	209	---	223	167	100	57	65	33	28
31	50	---	62	197	---	217	---	93	---	130	31	---
TOTAL	2223	2067	2196	6293	5531	10380	20168	4222	2179	1534	1350	920
MEAN	71.7	68.9	70.8	203	191	335	672	136	72.6	49.5	43.5	30.7
MAX	254	133	122	569	575	1280	3540	312	120	141	114	40
MIN	47	56	54	61	108	168	167	83	48	31	26	24
CFSM	.32	.31	.32	.91	.86	1.51	3.03	.61	.33	.22	.20	.14
IN.	.37	.35	.37	1.05	.93	1.74	3.38	.71	.37	.26	.23	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	71.7	68.9	70.8	203	191	335	672	136	166	179	63.6	40.3
MAX	71.7	68.9	70.8	203	191	335	672	136	258	309	83.7	50.0
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	1999	1999	1999	1999
MIN	71.7	68.9	70.8	203	191	335	672	136	72.6	49.5	43.5	30.7
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	59063			
ANNUAL MEAN	161		161	
HIGHEST ANNUAL MEAN	161		2000	
LOWEST ANNUAL MEAN	161		2000	
HIGHEST DAILY MEAN	3540	Apr 4	3540	Apr 4 2000
LOWEST DAILY MEAN	24	Sep 20	24	Sep 20 2000
ANNUAL SEVEN-DAY MINIMUM	26	Sep 14	26	Sep 14 2000
INSTANTANEOUS PEAK FLOW	3700	Apr 4	3700	Apr 4 2000
INSTANTANEOUS PEAK STAGE	11.85	Apr 4	11.85	Apr 4 2000
ANNUAL RUNOFF (CFSM)	.73		.73	
ANNUAL RUNOFF (INCHES)	9.90		9.88	
10 PERCENT EXCEEDS	302		313	
50 PERCENT EXCEEDS	76		88	
90 PERCENT EXCEEDS	33		36	

MOBILE RIVER BASIN

02404400 CHOCCOLOCCO CREEK AT JACKSON SHOALS NEAR LINCOLN, AL

LOCATION.--Lat 33°32'54", long 86°05'49", in SE$^1/_4$SE$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	159	169	161	179	406	449	543	380	277	206	311	124
2	156	388	161	179	389	400	1060	365	267	203	240	118
3	152	268	164	179	371	374	3590	354	267	191	209	123
4	159	249	166	297	359	637	7070	346	272	186	188	129
5	166	209	170	276	341	606	5420	354	295	181	184	129
6	166	198	175	253	326	500	4110	356	319	168	180	127
7	164	189	169	235	314	445	2960	342	276	169	175	129
8	152	182	167	225	305	407	2240	321	261	168	155	130
9	148	180	178	220	304	382	1730	298	242	166	143	130
10	314	177	186	868	300	373	1400	289	238	161	157	125
11	396	175	195	822	298	496	1150	282	233	185	205	118
12	308	176	182	641	294	718	1010	286	219	175	238	115
13	232	173	233	479	301	647	886	282	216	164	153	119
14	201	174	260	398	1020	567	920	268	216	161	139	121
15	186	169	217	336	810	515	967	258	217	155	139	121
16	177	165	206	302	603	493	827	254	219	153	133	118
17	173	166	193	298	492	551	784	251	259	148	130	118
18	167	163	190	295	437	510	739	250	221	145	127	117
19	164	164	193	287	397	499	655	236	237	149	123	117
20	163	167	186	282	364	2070	603	246	253	146	117	117
21	162	170	204	264	333	1750	589	527	232	190	114	125
22	164	165	228	263	318	1300	559	614	222	171	118	142
23	163	162	218	793	305	1050	521	476	210	153	113	159
24	157	168	207	897	300	850	499	390	198	250	115	157
25	156	173	197	690	288	703	496	344	189	183	117	138
26	155	174	186	548	283	631	478	325	235	158	113	132
27	156	175	182	458	478	590	445	306	193	154	127	126
28	154	172	186	410	639	578	433	304	189	147	183	124
29	156	170	183	417	517	529	422	309	194	139	139	132
30	155	157	180	451	---	555	402	292	226	172	132	130
31	153	---	178	427	---	642	---	286	---	193	125	---
TOTAL	5634	5587	5901	12669	11892	20817	43508	10191	7092	5290	4842	3810
MEAN	182	186	190	409	410	672	1450	329	236	171	156	127
MAX	396	388	260	897	1020	2070	7070	614	319	250	311	159
MIN	148	157	161	179	283	373	402	236	189	139	113	115
CFSM	.38	.39	.40	.85	.85	1.40	3.02	.68	.49	.35	.32	.26
IN.	.44	.43	.46	.98	.92	1.61	3.36	.79	.55	.41	.37	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2000, BY WATER YEAR (WY)

MEAN	332	428	598	992	1547	1570	1088	654	502	431	360	291
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	140	175	190	223	308	350	225	179	143	138	156	127
(WY)	1988	1988	2000	1986	1986	1988	1986	1986	1986	1986	1988	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1961 - 2000	
ANNUAL TOTAL	182698		137233			
ANNUAL MEAN	501		375		728	
HIGHEST ANNUAL MEAN					1148	1996
LOWEST ANNUAL MEAN					221	1986
HIGHEST DAILY MEAN	2850	Feb 1	7070	Apr 4	28300	Apr 30 1963
LOWEST DAILY MEAN	136	Sep 26	113	Aug 23, 26	105	Aug 8 1986
ANNUAL SEVEN-DAY MINIMUM	145	Sep 22	115	Aug 20	108	Aug 3 1986
INSTANTANEOUS PEAK FLOW			8220	Apr 4	36900	Apr 30 1963
INSTANTANEOUS PEAK STAGE			26.76	Apr 4	39.98	Apr 30 1963
ANNUAL RUNOFF (CFSM)	1.04		.78		1.51	
ANNUAL RUNOFF (INCHES)	14.13		10.61		20.57	
10 PERCENT EXCEEDS	1040		638		1460	
50 PERCENT EXCEEDS	370		219		405	
90 PERCENT EXCEEDS	163		131		189	

MOBILE RIVER BASIN

02405500 KELLY CREEK NEAR VINCENT, AL

LOCATION.--Lat 33°26'51", long 86°23'13", in SW$^1/_4$ 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 mi^2.
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 ft^3/s.

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	8.0	15	19	44	366	245	400	121	15	6.5	7.1	3.6
2	7.0	67	18	42	308	219	1230	115	14	6.0	5.8	3.8
3	7.2	95	17	40	269	207	5660	107	13	5.1	6.7	4.0
4	8.0	57	17	101	246	457	10000	102	13	4.8	8.2	3.5
5	12	39	18	163	216	337	7500	95	16	4.6	7.9	3.5
6	15	31	20	107	198	276	1830	88	78	4.2	7.4	3.3
7	10	27	30	82	179	242	1000	82	58	4.0	7.1	3.4
8	8.5	22	26	73	168	216	650	76	37	3.9	5.9	3.3
9	7.1	21	24	137	158	197	440	70	25	3.7	5.3	3.4
10	160	19	22	1110	150	205	350	65	19	3.8	13	3.4
11	362	18	50	548	144	763	340	61	16	3.7	79	3.2
12	102	18	52	322	138	909	400	59	14	3.6	46	3.1
13	55	18	250	267	133	624	443	56	12	3.6	17	3.0
14	39	20	283	227	267	474	430	51	11	3.4	8.8	3.0
15	29	18	153	191	249	383	504	43	11	3.2	6.4	3.1
16	24	19	102	171	191	343	406	36	9.5	3.1	5.4	2.9
17	21	21	77	175	173	303	346	33	11	2.9	5.1	2.7
18	19	19	67	188	167	255	304	30	19	2.9	4.6	2.7
19	17	18	72	174	168	670	267	28	17	2.9	4.4	2.6
20	17	20	94	163	155	2950	238	24	13	3.7	4.0	2.7
21	17	21	103	148	139	1670	222	30	11	7.4	3.8	5.1
22	16	21	161	146	132	927	204	58	9.8	9.1	3.8	10
23	16	24	135	1060	125	653	185	58	9.2	8.5	3.7	4.7
24	16	24	105	972	120	495	184	43	8.2	7.0	3.6	13
25	16	20	88	551	115	400	189	34	7.5	4.7	3.5	6.4
26	15	20	76	402	111	353	168	36	6.5	5.2	3.4	4.8
27	15	19	67	309	303	328	150	34	6.2	4.0	11	4.1
28	15	19	61	272	400	313	149	29	5.5	3.4	5.9	3.7
29	15	19	56	401	279	260	146	26	6.3	4.8	5.7	3.5
30	14	19	51	583	---	540	132	21	7.0	34	4.9	3.4
31	14	---	48	453	---	551	---	18	---	14	5.6	---
TOTAL	1096.8	788	2362	9622	5767	16765	34467	1729	498.7	181.7	310.0	122.9
MEAN	35.4	26.3	76.2	310	199	541	1149	55.8	16.6	5.86	10.0	4.10
MAX	362	95	283	1110	400	2950	10000	121	78	34	79	13
MIN	7.0	15	17	40	111	197	132	18	5.5	2.9	3.4	2.6
CFSM	.18	.14	.39	1.61	1.03	2.80	5.95	.29	.09	.03	.05	.02
IN.	.21	.15	.46	1.85	1.11	3.23	6.64	.33	.10	.04	.06	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2000, BY WATER YEAR (WY)

MEAN	71.1	175	406	686	830	799	504	198	131	99.0	43.6	54.0
MAX	528	911	1814	1466	3422	1623	1301	650	1187	669	168	347
(WY)	1995	1993	1962	1953	1961	1970	1964	1969	1997	1989	1967	1994
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1952 - 2000	
ANNUAL TOTAL	107870.0		73710.1			
ANNUAL MEAN	296		201		331	
HIGHEST ANNUAL MEAN					548	1996
LOWEST ANNUAL MEAN					112	1988
HIGHEST DAILY MEAN	5460	Jun 29	10000	Apr 4	29100	Feb 22 1961
LOWEST DAILY MEAN	6.0	Sep 16, 17	2.6	Sep 19	1.1	Oct 17 1987
ANNUAL SEVEN-DAY MINIMUM	6.6	Sep 15	2.8	Sep 14	1.2	Oct 14 1987
INSTANTANEOUS PEAK FLOW			10700	Apr 4	30900	Feb 22 1961
INSTANTANEOUS PEAK STAGE			21.79	Apr 4	27.08	Feb 22 1961
ANNUAL RUNOFF (CFSM)	1.53		1.04		1.71	
ANNUAL RUNOFF (INCHES)	20.79		14.21		23.28	
10 PERCENT EXCEEDS	644		400		786	
50 PERCENT EXCEEDS	94		30		94	
90 PERCENT EXCEEDS	10		3.7		6.1	

MOBILE RIVER BASIN

02406500 TALLADEGA CREEK AT ALPINE, AL

LOCATION.--Lat 33°21'34", long 86°14'03", in SW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73	54	56	59	115	138	271	138	81	59	64	45
2	70	129	54	62	104	123	930	131	77	59	70	44
3	64	134	55	58	101	116	2900	129	76	56	74	43
4	65	83	53	79	96	153	4500	124	76	56	60	42
5	66	70	53	83	88	146	1180	122	79	53	55	42
6	63	66	58	82	86	122	569	118	82	54	53	45
7	59	61	56	71	84	113	435	115	83	53	50	44
8	58	62	59	67	80	108	361	110	80	51	50	43
9	53	59	55	69	81	102	315	109	74	50	49	42
10	72	61	58	281	79	103	279	109	71	49	50	42
11	88	59	57	259	78	174	259	106	69	50	97	43
12	82	60	61	153	75	351	249	107	67	50	72	43
13	66	58	70	118	78	231	233	101	68	49	65	43
14	67	58	90	103	353	183	235	99	69	48	55	46
15	76	60	87	93	352	162	256	94	68	48	52	42
16	66	57	71	84	204	151	226	91	65	50	49	41
17	60	59	63	86	163	172	208	90	70	47	48	41
18	59	57	61	87	140	156	200	89	66	47	46	41
19	56	58	62	86	128	145	190	87	68	47	45	41
20	57	57	64	85	118	689	185	85	65	47	45	41
21	55	60	73	81	105	423	180	133	63	49	44	46
22	56	57	95	80	101	280	177	152	62	47	44	62
23	53	61	91	130	98	226	167	134	62	46	44	51
24	54	61	77	236	91	192	168	107	59	49	43	62
25	51	58	70	163	90	174	166	97	61	48	43	53
26	53	59	67	128	89	160	162	93	62	51	42	56
27	51	59	64	112	133	156	153	90	60	53	51	51
28	53	59	62	102	237	170	151	93	60	55	57	49
29	52	59	61	107	176	154	145	91	63	53	44	47
30	51	57	59	118	---	295	142	89	62	55	44	46
31	52	---	61	126	---	429	---	84	---	56	46	---
TOTAL	1901	1952	2023	3448	3723	6297	15592	3317	2068	1585	1651	1377
MEAN	61.3	65.1	65.3	111	128	203	520	107	68.9	51.1	53.3	45.9
MAX	88	134	95	281	353	689	4500	152	83	59	97	62
MIN	51	54	53	58	75	102	142	84	59	46	42	41
CFSM	.41	.43	.44	.74	.86	1.35	3.46	.71	.46	.34	.36	.31
IN.	.47	.48	.50	.86	.92	1.56	3.87	.82	.51	.39	.41	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1900 - 2000, BY WATER YEAR (WY)

MEAN	101	152	193	316	453	525	386	224	172	163	124	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	47.9	65.1	65.3	111	128	145	101	54.4	57.0	51.1	46.8	45.9
(WY)	1905	2000	2000	2000	2000	1988	1904	1904	1988	2000	1988	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1900 - 2000	
ANNUAL TOTAL	49069		44934			
ANNUAL MEAN	134		123		241	
HIGHEST ANNUAL MEAN					405	1996
LOWEST ANNUAL MEAN					114	1904
HIGHEST DAILY MEAN	1080	Jan 31	4500	Apr 4	18400	Mar 29 1951
LOWEST DAILY MEAN	50	Sep 26	41	Sep 16-20	20	Jun 18 1904
ANNUAL SEVEN-DAY MINIMUM	51	Sep 22	42	Sep 14	34	Jun 21 1904
INSTANTANEOUS PEAK FLOW			5860	Apr 4	*39000	Mar 29 1951
INSTANTANEOUS PEAK STAGE			13.26	Apr 4	16.60	Mar 29 1951
ANNUAL RUNOFF (CFSM)	.90		.82		1.61	
ANNUAL RUNOFF (INCHES)	12.17		11.14		21.87	
10 PERCENT EXCEEDS	237		184		455	
50 PERCENT EXCEEDS	101		69		141	
90 PERCENT EXCEEDS	56		47		68	

* From rating curve extended above 14,000 ft^3/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 SE$^1/_4$NE$^1/_4$ 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 mi^2.
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 ft^3/s, 22.43 in/yr.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 150,000 ft^3/s, Apr. 14, 1979; maximum gage height, 30.41 ft, Feb. 23, 1961; minimum daily discharge, 378 ft^3/s, Apr. 20, 1975.
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.54 ft, Apr. 4; minimum gage height, not determined.

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	13.84	13.59	13.54	13.52	14.03	14.01	13.99	13.96	13.39	13.71	13.78	13.57
2	13.81	12.76	13.51	13.57	13.99	13.91	14.22	13.81	13.44	13.82	13.81	13.67
3	13.81	12.23	13.64	13.71	14.15	13.91	17.99	13.67	13.51	13.88	13.77	13.76
4	13.89	12.08	13.59	13.76	14.14	13.76	21.34	13.69	13.49	13.81	13.76	13.77
5	13.91	---	13.69	13.85	13.87	13.73	21.24	13.52	13.51	13.83	13.71	13.68
6	13.83	---	13.78	13.85	13.84	13.86	20.07	13.57	13.50	13.77	13.76	13.61
7	13.72	---	13.80	13.76	14.02	13.92	19.64	13.55	13.49	13.64	13.79	13.72
8	13.74	---	13.86	13.66	13.85	13.91	18.58	13.63	13.54	13.73	13.85	13.85
9	13.68	---	13.74	13.72	13.74	13.91	17.51	13.61	13.58	13.74	13.91	13.81
10	13.60	---	13.74	13.77	13.79	13.61	16.79	13.75	13.61	13.73	13.96	13.80
11	13.63	---	13.71	13.95	13.71	13.96	16.18	13.82	13.61	13.66	13.90	13.83
12	13.59	---	13.65	---	13.56	13.85	15.73	13.85	13.61	13.61	13.94	13.77
13	13.62	---	13.91	---	13.49	14.22	14.08	13.43	13.63	13.60	13.95	13.63
14	13.66	---	13.84	14.01	13.63	14.36	14.06	12.75	13.72	13.58	13.97	13.58
15	13.72	---	13.77	13.84	13.94	14.47	13.83	---	13.79	13.58	13.86	13.56
16	13.65	12.58	13.86	13.91	13.91	14.04	14.08	---	13.75	13.57	13.86	13.58
17	13.69	12.96	13.71	13.95	13.83	14.01	14.02	12.44	13.69	13.61	13.75	13.62
18	13.75	13.36	13.56	13.91	13.58	14.03	13.84	13.11	13.65	13.56	13.66	13.70
19	13.74	13.60	13.66	13.69	13.56	14.15	13.80	13.34	13.61	13.51	13.62	13.76
20	13.62	13.51	13.68	13.77	13.63	15.05	13.97	13.38	13.63	13.62	13.65	13.77
21	13.60	13.50	13.83	13.82	13.89	15.37	13.95	13.54	13.62	13.68	13.67	13.72
22	13.59	13.47	14.02	13.74	13.81	15.33	13.73	13.71	13.51	13.68	13.58	13.62
23	13.53	13.46	13.95	13.97	13.52	15.44	13.71	13.80	13.40	13.65	13.50	13.55
24	13.55	13.44	13.78	14.18	13.41	14.80	13.87	13.66	13.41	13.61	13.51	13.62
25	13.75	13.40	13.75	14.04	13.35	14.20	13.83	13.65	13.42	13.67	13.41	13.71
26	13.62	13.42	13.72	14.03	13.45	13.76	13.90	13.51	13.48	13.85	13.33	13.73
27	13.60	13.39	13.82	13.92	13.82	13.95	13.83	13.50	13.63	13.94	13.48	13.69
28	13.65	13.37	13.80	13.91	14.15	13.87	13.98	13.51	13.65	13.93	13.56	13.66
29	13.78	13.43	13.72	13.82	13.95	13.88	13.82	13.45	13.73	13.80	13.54	13.55
30	13.88	13.52	13.71	13.76	---	13.80	13.83	13.37	13.70	13.86	13.54	13.56
31	13.88	---	13.55	14.11	---	14.09	---	13.38	---	13.91	13.49	---
MEAN	13.71	---	13.74	---	13.78	14.17	15.45	---	13.58	13.71	13.71	13.68
MAX	13.91	---	14.02	---	14.15	15.44	21.34	---	13.79	13.94	13.97	13.85
MIN	13.53	---	13.51	---	13.35	13.61	13.71	---	13.39	13.51	13.33	13.55

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 mi^2.
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, 16.79 ft, Apr. 4; minimum gage height, not determined.

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	13.52	13.44	13.27	13.38	13.69	13.64	13.69	13.23	12.36	13.57	13.60	13.30
2	13.50	12.62	13.22	13.42	13.67	13.64	13.76	13.29	12.44	13.66	13.62	13.42
3	13.50	12.15	13.36	13.51	13.84	13.68	15.23	13.13	12.55	13.72	13.58	13.49
4	13.56	---	13.42	13.54	13.77	13.64	16.72	12.97	12.45	13.65	13.57	13.49
5	13.59	---	13.54	13.64	13.73	13.60	16.61	12.93	12.40	13.68	13.50	13.40
6	13.57	---	13.59	13.62	13.70	13.67	15.93	12.91	12.27	13.60	13.55	13.35
7	13.55	---	13.58	13.58	13.68	13.75	15.76	12.91	12.22	13.48	13.57	13.45
8	13.57	---	13.59	13.53	13.58	13.69	15.25	12.92	12.34	13.54	13.61	13.56
9	13.53	---	13.58	13.57	13.52	13.75	14.85	12.93	12.45	13.57	13.66	13.52
10	13.45	---	13.57	13.44	13.56	13.48	14.71	13.01	12.52	13.56	13.72	13.50
11	13.48	---	13.57	13.63	13.50	13.48	14.43	13.07	12.53	13.50	13.64	13.50
12	13.44	---	13.53	13.62	13.44	13.44	14.20	13.17	12.54	13.44	13.69	13.45
13	13.43	---	13.56	13.78	13.38	13.84	13.42	12.94	12.91	13.43	13.71	13.32
14	13.46	---	13.63	13.72	13.46	13.86	13.54	12.25	13.47	13.40	13.71	13.24
15	13.53	---	13.52	13.70	13.60	13.75	13.63	11.91	13.56	13.40	13.58	13.24
16	13.50	---	13.55	13.77	13.55	13.43	13.64	12.04	13.59	13.39	13.51	13.29
17	13.55	12.69	13.47	13.73	13.44	13.44	13.46	12.03	13.54	13.41	13.42	13.31
18	13.59	13.06	13.43	13.69	13.31	13.52	13.51	12.15	13.49	13.36	13.35	13.36
19	13.57	13.36	13.53	13.51	13.37	13.68	13.35	12.37	13.48	13.28	13.33	13.39
20	13.48	13.40	13.52	13.57	13.50	14.10	13.26	12.42	13.49	13.37	13.38	13.39
21	13.44	13.37	13.65	13.56	13.55	14.13	13.17	12.47	13.47	13.47	13.40	13.37
22	13.42	13.30	13.82	13.58	13.46	14.07	13.05	12.58	13.38	13.50	13.29	13.28
23	13.40	13.27	13.69	13.58	13.32	14.05	12.99	12.78	13.27	13.49	13.21	13.20
24	13.43	13.22	13.62	13.69	13.21	13.81	13.26	12.79	13.26	13.45	13.21	13.28
25	13.52	13.24	13.64	13.68	13.15	13.47	13.05	12.76	13.29	13.48	13.14	13.34
26	13.46	13.26	13.57	13.71	13.29	13.49	13.12	12.60	13.33	13.67	13.08	13.37
27	13.44	13.23	13.59	13.59	13.59	13.62	13.13	12.61	13.48	13.73	13.23	13.32
28	13.46	13.23	13.52	13.55	13.75	13.55	13.15	12.52	13.47	13.72	13.35	13.27
29	13.60	13.23	13.46	13.68	13.65	13.60	13.12	12.42	13.59	13.61	13.29	13.16
30	13.78	13.29	13.46	13.58	---	13.52	13.14	12.31	13.57	13.66	13.30	13.19
31	13.75	---	13.42	13.71	---	13.72	---	12.32	---	13.72	13.26	---
MEAN	13.52	---	13.53	13.61	13.53	13.68	14.00	12.67	13.02	13.53	13.45	13.36
MAX	13.78	---	13.82	13.78	13.84	14.13	16.72	13.29	13.59	13.73	13.72	13.56
MIN	13.40	---	13.22	13.38	13.15	13.43	12.99	11.91	12.22	13.28	13.08	13.16

02408540 HATCHET CREEK BELOW ROCKFORD, AL

LOCATION.--Lat 32°55'00", long 86°16'13", in SE$^1/_4$SE$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	81	67	87	229	196	236	113	66	39	44	69
2	74	502	66	87	199	174	396	108	61	35	40	52
3	67	243	67	87	178	153	2200	108	58	31	44	32
4	110	129	67	174	163	164	3780	105	53	29	36	32
5	117	100	69	176	147	157	1420	99	58	27	34	28
6	85	89	77	129	141	137	782	96	67	25	30	30
7	74	83	78	108	133	125	566	91	63	22	26	43
8	69	78	74	100	128	119	446	89	58	21	21	43
9	65	76	72	265	124	115	378	84	52	19	18	36
10	252	73	75	2300	124	127	330	84	49	17	20	31
11	250	74	76	710	123	582	285	84	46	18	34	27
12	142	70	73	364	122	698	269	86	43	19	29	24
13	109	70	143	257	123	411	253	86	40	15	24	24
14	103	71	189	196	1080	299	296	80	39	13	26	29
15	96	71	130	166	605	245	321	76	39	14	22	28
16	93	68	104	149	336	237	255	76	42	11	17	28
17	87	67	93	157	252	313	223	75	51	9.1	14	23
18	81	67	88	177	203	228	202	75	55	7.6	11	19
19	79	67	111	162	217	277	185	61	52	6.6	9.2	17
20	81	73	117	172	184	1500	168	59	51	7.3	7.6	16
21	86	83	200	171	151	733	162	89	43	26	6.3	16
22	83	81	254	150	135	472	158	112	39	20	5.5	18
23	79	75	169	387	127	362	149	86	37	19	4.9	23
24	74	73	129	581	126	289	173	75	34	24	4.5	27
25	73	72	111	343	120	254	177	69	31	24	4.9	26
26	72	75	103	249	116	226	150	66	39	24	4.5	28
27	72	75	95	196	291	253	137	65	48	25	4.4	27
28	72	72	91	178	403	306	129	101	45	26	5.4	25
29	71	70	89	279	250	224	128	107	42	28	6.7	23
30	70	68	88	396	---	213	123	78	45	33	6.0	20
31	66	---	85	289	---	298	---	70	---	38	5.9	---
TOTAL	2945	2896	3250	9242	6530	9887	14477	2653	1446	672.6	565.8	864
MEAN	95.0	96.5	105	298	225	319	483	85.6	48.2	21.7	18.3	28.8
MAX	252	502	254	2300	1080	1500	3780	113	67	39	44	69
MIN	65	67	66	87	116	115	123	59	31	6.6	4.4	16
CFSM	.36	.37	.40	1.13	.86	1.21	1.83	.33	.18	.08	.07	.11
IN.	.42	.41	.46	1.31	.92	1.40	2.05	.38	.20	.10	.08	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2000, BY WATER YEAR (WY)

MEAN	162	263	447	566	841	800	646	327	244	229	165	150
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	32.2	53.2	101	117	201	216	124	85.6	48.2	21.7	18.3	28.8
(WY)	1988	1982	1991	1981	1986	1988	1986	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1981 - 2000	
ANNUAL TOTAL	102932		55428.4			
ANNUAL MEAN	282		151		401	
HIGHEST ANNUAL MEAN					657	1990
LOWEST ANNUAL MEAN					126	1986
HIGHEST DAILY MEAN	5210	Jan 31	3780	Apr 4	19500	Oct 5 1995
LOWEST DAILY MEAN	38	Sep 18	4.4	Aug 27	4.4	Aug 27 2000
ANNUAL SEVEN-DAY MINIMUM	44	Sep 22	4.9	Aug 22	4.9	Aug 22 2000
INSTANTANEOUS PEAK FLOW			4090	Apr 4	27800	Oct 5 1995
INSTANTANEOUS PEAK STAGE			9.72	Apr 4	27.90	Oct 5 1995
ANNUAL RUNOFF (CFSM)	1.07		.58		1.52	
ANNUAL RUNOFF (INCHES)	14.56		7.84		20.71	
10 PERCENT EXCEEDS	499		289		812	
50 PERCENT EXCEEDS	182		80		207	
90 PERCENT EXCEEDS	70		20		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 SE$^1/_4$NW$^1/_4$ 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 mi^2.
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. WRD 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 ft^3/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.

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	6730	5790	2040	11100	10500	12300	7000	5160	2180	3430	4370
2	2220	6960	7220	2220	10500	8330	25800	7160	4930	2290	3910	2220
3	2210	6550	7630	5440	9190	4790	47100	7200	3940	2280	3480	2200
4	5230	6020	2300	4530	10900	3310	119000	7260	3900	2320	3230	3600
5	3550	4710	2230	6100	3300	2200	142000	6120	3820	3090	2220	3380
6	3590	2610	5880	7310	2840	4320	141000	5470	3750	3430	2210	3250
7	3760	2210	6260	4800	10000	4780	145000	5490	3700	2960	3550	3460
8	4320	2780	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	5990	2250	13600	5880	19900	40900	6450	3460	3040	3950	3420
12	4020	4220	2240	5730	2310	13900	40400	5550	3370	2280	2200	3320
13	5120	1990	11100	10000	3270	11800	21000	5260	3260	3150	2200	3840
14	5070	1960	7060	10300	4760	15300	16400	6600	3250	2870	4320	3380
15	5700	3520	8210	2650	11100	25200	5480	7480	3100	2260	3270	3320
16	3720	4540	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	5910	2950	6800	7520	14800	12400	5300	2880	3310	3240	3220
19	3390	5150	2260	6470	5690	22800	10100	5300	2820	3640	2210	3400
20	4090	1760	4260	5960	2430	38200	10100	6060	2830	3720	2220	3280
21	3290	2120	4570	7700	9740	36800	9540	5510	2760	3490	3250	3460
22	3810	4040	9590	4080	9940	36100	7110	5230	2750	2220	3370	3360
23	2290	8790	7950	16500	6340	34800	5410	5320	2610	2220	3230	2260
24	3380	12200	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	10600	2270	10700	2260	6270	6990	6280	2390	3160	2190	2630
27	3800	11700	7230	10700	6930	12200	7710	6280	2330	4040	2190	2910
28	3220	11200	7760	11300	14800	8780	7740	6430	2280	4550	3250	2910
29	3670	12600	7840	4760	9160	11100	5360	5750	2210	2220	3120	4230
30	2250	13600	7370	7740	---	9410	5320	5190	2880	2230	3280	2240
31	2740	---	2240	12700	---	11900	---	5160	---	4880	3260	---
TOTAL	117120	188320	170080	255470	215660	466690	1114300	189140	96600	91910	101240	92150
MEAN	3778	6277	5486	8241	7437	15050	37140	6101	3220	2965	3266	3072
MAX	5780	13600	11100	26600	14800	38200	145000	10400	5160	4880	6800	4370
MIN	2210	1760	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	4184550		3098680			
ANNUAL MEAN	11460		8466		16300	
HIGHEST ANNUAL MEAN					25910	1949
LOWEST ANNUAL MEAN					5402	1986
HIGHEST DAILY MEAN	84900	Jan 31	145000	Apr 7	256000	Apr 8 1938
LOWEST DAILY MEAN	1760	Nov 20	1760	Nov 20	54	Oct 15 1938
ANNUAL SEVEN-DAY MINIMUM	3010	Sep 29	2350	Jun 28	1270	Oct 7 1971
INSTANTANEOUS PEAK FLOW					* 316000	Apr 13 1979
INSTANTANEOUS 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	6960		4540		9780	
90 PERCENT EXCEEDS	3000		2260		3040	

* 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$^1/_4$ 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 mi^2.
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, 33.31 ft, Apr. 4; minimum gage height, 10.25 ft, July 9.

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	12.34	11.93	12.85	11.62	13.23	12.83	13.67	12.54	12.81	11.91	11.91	12.16
2	12.20	12.93	13.14	11.54	13.60	13.07	15.98	12.45	12.73	11.97	11.75	12.17
3	12.18	12.98	12.91	11.94	13.34	12.67	22.55	12.57	12.47	11.98	11.83	11.78
4	12.38	12.71	12.56	12.43	13.55	12.61	32.12	12.75	12.48	12.00	11.83	11.89
5	12.62	12.67	12.41	12.98	12.67	12.57	32.46	12.93	12.54	12.08	11.57	11.88
6	12.50	12.21	12.79	12.77	12.44	12.87	31.30	12.63	12.28	12.07	11.36	11.95
7	12.60	12.14	13.16	12.42	13.09	12.63	29.06	12.52	12.10	12.06	11.40	12.05
8	12.64	---	12.99	12.03	13.05	12.57	27.95	13.11	12.06	11.84	11.50	12.00
9	12.53	---	12.31	12.78	12.71	12.32	23.66	13.04	11.86	10.94	11.70	11.62
10	12.81	---	12.29	15.16	12.64	12.87	21.23	12.32	11.73	11.03	11.93	11.43
11	12.86	---	12.50	14.62	12.41	14.55	19.95	12.14	11.68	11.41	12.45	11.55
12	12.77	---	---	13.18	12.41	14.01	19.25	12.37	11.68	11.70	12.49	11.49
13	12.83	12.38	---	13.24	12.59	13.71	16.45	12.54	11.69	11.98	12.25	11.39
14	12.52	12.01	12.80	13.37	12.53	14.12	14.18	12.68	11.97	12.17	12.01	11.51
15	12.65	12.19	12.81	12.41	13.24	14.95	13.55	12.81	11.88	11.95	11.87	11.64
16	12.55	12.26	12.94	12.28	13.70	14.38	13.29	12.74	12.08	11.73	12.30	11.55
17	12.26	12.52	12.86	12.98	13.53	13.70	13.99	12.55	12.22	11.62	12.38	11.46
18	12.18	12.86	11.95	12.88	12.92	13.54	13.23	12.60	12.32	11.60	12.12	11.50
19	12.20	12.72	12.38	12.82	12.42	14.83	12.59	12.55	12.15	11.78	11.87	11.44
20	12.56	12.46	12.74	12.79	12.27	18.92	12.83	12.85	12.02	11.84	11.67	11.53
21	12.60	12.58	12.53	13.07	12.70	19.51	12.89	13.04	11.60	11.82	11.66	11.49
22	12.80	12.52	13.42	12.25	13.23	19.24	12.77	12.65	11.62	11.56	11.69	11.63
23	12.36	12.58	13.24	14.12	12.42	18.64	12.60	12.57	11.65	11.51	11.79	11.41
24	12.36	12.69	12.51	14.55	11.97	17.39	12.85	12.66	11.60	11.50	11.90	11.38
25	12.79	12.75	11.97	14.64	12.13	14.93	12.82	12.75	11.59	11.36	11.99	11.37
26	12.73	12.59	12.25	13.74	11.88	13.07	12.48	12.88	11.67	11.17	11.91	11.25
27	12.61	12.36	12.60	13.78	12.57	13.29	12.50	12.52	11.50	11.50	11.83	11.45
28	12.04	12.21	12.97	14.00	13.63	13.20	12.56	12.94	11.58	11.78	11.84	11.70
29	11.08	12.54	12.82	12.42	13.07	13.33	12.58	12.93	11.76	11.68	11.75	11.77
30	11.58	12.82	12.59	13.08	---	12.95	12.40	12.73	12.00	11.64	11.78	11.72
31	11.54	---	11.86	13.46	---	13.18	---	12.82	---	11.89	11.65	---
MEAN	12.41	---	---	13.08	12.83	14.27	17.52	12.68	11.98	11.71	11.87	11.64
MAX	12.86	---	---	15.16	13.70	19.51	32.46	13.11	12.81	12.17	12.49	12.17
MIN	11.08	---	---	11.54	11.88	12.32	12.40	12.14	11.50	10.94	11.36	11.25

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 mi^2.
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.
EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,870 ft^3/s, Apr. 4, gage height, 12.87 ft; minimum daily discharge, 6.1 ft^3/s, July 23.

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	---	---	---	66	198	213	230	167	70	44	155	9.5
2	---	---	---	66	177	190	447	157	65	35	49	40
3	---	---	---	67	159	181	1360	153	59	30	60	26
4	---	---	---	83	149	308	2840	181	56	26	29	22
5	---	---	---	115	139	308	1060	167	65	23	21	19
6	---	---	---	121	131	264	618	150	80	21	19	14
7	---	---	---	100	129	222	475	137	74	19	16	13
8	---	---	---	88	125	199	407	128	63	17	14	13
9	---	---	---	97	122	183	358	117	56	16	14	13
10	---	---	---	1360	120	180	314	112	52	15	14	13
11	---	---	---	1040	117	274	287	109	47	14	25	13
12	---	---	---	431	117	381	283	105	43	12	47	12
13	---	---	79	288	123	332	285	101	41	13	35	11
14	---	---	97	223	1660	261	308	95	38	16	21	13
15	---	---	170	179	1070	234	326	87	35	14	16	11
16	---	---	128	155	494	249	298	83	35	12	14	10
17	---	---	98	150	360	352	270	81	37	10	12	9.2
18	---	---	83	148	291	338	249	78	36	9.1	9.9	7.7
19	---	---	77	141	254	294	230	65	33	8.4	8.4	7.2
20	---	---	75	138	226	1710	216	70	32	7.4	8.2	7.1
21	---	---	83	128	198	1060	211	99	32	9.2	19	8.1
22	---	---	104	122	180	539	202	159	29	6.5	10	20
23	---	---	111	302	170	411	192	121	26	6.1	8.8	81
24	---	---	96	426	162	343	201	121	25	8.8	11	44
25	---	---	85	359	157	298	212	105	23	7.4	8.9	31
26	---	---	78	261	153	270	213	91	92	7.2	7.8	23
27	---	---	75	209	221	255	192	85	81	7.0	8.3	22
28	---	---	73	174	287	253	200	90	48	7.1	13	19
29	---	---	70	173	255	235	200	95	43	6.6	13	16
30	---	---	67	192	---	235	183	85	52	9.0	10	14
31	---	---	68	206	---	245	---	78	---	95	9.2	---
TOTAL	---	---	---	7608	7944	10817	12867	3472	1468	531.8	706.5	561.8
MEAN	---	---	---	245	274	349	429	112	48.9	17.2	22.8	18.7
MAX	---	---	---	1360	1660	1710	2840	181	92	95	155	81
MIN	---	---	---	66	117	180	183	65	23	6.1	7.8	7.1
CFSM	---	---	---	.90	1.01	1.28	1.58	.41	.18	.06	.08	.07
IN.	---	---	---	1.04	1.09	1.48	1.76	.47	.20	.07	.10	.08

MOBILE RIVER BASIN

02412000 TALLAPOOSA RIVER NEAR HEFLIN, AL

LOCATION.--Lat 33°37'22", long 85°30'48", in NW$^1/_4$NW$^1/_4$ 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 mi^2.
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: Feb. 19-24, June 12-14, June 30 to July 5. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	73	109	129	308	339	352	270	142	e54	192	29
2	37	232	109	130	282	299	1000	256	132	e51	170	28
3	36	284	110	128	255	273	2720	252	124	e48	93	40
4	36	175	109	144	239	520	5080	328	117	e45	89	48
5	41	142	106	196	223	511	3090	298	122	e42	68	41
6	63	123	109	194	209	429	1210	259	154	39	53	37
7	58	110	118	180	200	355	831	238	157	36	45	31
8	52	108	120	159	197	310	668	224	141	33	41	28
9	48	103	117	165	192	289	575	211	127	32	37	27
10	55	87	121	1530	187	280	505	203	119	31	36	28
11	216	84	128	2130	185	408	462	200	105	32	59	29
12	179	83	135	779	183	606	448	196	e94	36	48	28
13	156	83	139	450	191	526	455	190	e84	31	58	28
14	119	82	170	343	3220	422	522	180	e78	28	57	36
15	96	83	183	276	2280	359	588	169	81	25	43	25
16	86	82	219	241	965	367	505	161	82	26	36	24
17	79	82	178	227	573	528	456	156	87	25	33	22
18	75	82	156	220	452	504	416	152	85	22	30	19
19	70	82	151	211	e400	540	379	146	84	20	27	17
20	69	82	145	208	e360	2920	355	137	83	19	25	15
21	70	82	148	202	e330	2260	342	234	91	17	23	15
22	73	82	177	191	e300	1010	330	439	77	16	36	19
23	78	84	185	736	e275	672	312	263	71	17	36	28
24	76	85	176	809	e255	537	312	212	64	18	29	70
25	72	103	158	588	245	463	333	197	60	17	30	58
26	69	113	149	429	236	418	324	177	59	17	32	46
27	70	132	141	334	330	395	308	164	104	18	31	38
28	71	133	136	284	480	386	296	163	86	17	29	34
29	71	128	134	277	406	362	306	173	63	17	27	32
30	69	119	131	305	---	354	289	164	e58	16	32	28
31	69	---	129	315	---	375	---	151	---	40	29	---
TOTAL	2394	3323	4396	12510	13958	18017	23769	6563	2931	885	1574	948
MEAN	77.2	111	142	404	481	581	792	212	97.7	28.5	50.8	31.6
MAX	216	284	219	2130	3220	2920	5080	439	157	54	192	70
MIN	35	73	106	128	183	273	289	137	58	16	23	15
CFSM	.17	.25	.32	.90	1.07	1.30	1.77	.47	.22	.06	.11	.07
IN.	.20	.28	.37	1.04	1.16	1.50	1.97	.54	.24	.07	.13	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2000, BY WATER YEAR (WY)

MEAN	314	419	628	962	1187	1375	1172	757	473	368	286	229
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1952 - 2000	
ANNUAL TOTAL	133888		91268			
ANNUAL MEAN	367		249		678	
HIGHEST ANNUAL MEAN					1040	1990
LOWEST ANNUAL MEAN					249	2000
HIGHEST DAILY MEAN	2900	Jun 29	5080	Apr 4	30200	Mar 31 1977
LOWEST DAILY MEAN	25	Sep 21, 22	15	Sep 20, 21	13	Oct 9 1954
ANNUAL SEVEN-DAY MINIMUM	26	Sep 20	17	Jul 21	14	Oct 8 1954
INSTANTANEOUS PEAK FLOW			5740	Apr 4	32500	Mar 31 1977
INSTANTANEOUS PEAK STAGE			15.33	Apr 4	31.34	Mar 31 1977
ANNUAL RUNOFF (CFSM)	.82		.56		1.51	
ANNUAL RUNOFF (INCHES)	11.12		7.58		20.58	
10 PERCENT EXCEEDS	808		462		1260	
50 PERCENT EXCEEDS	225		132		412	
90 PERCENT EXCEEDS	48		28		117	

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 mi^2.
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.--Estimated daily discharges: July 7-11. 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.
EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,490 ft^3/s, Apr. 4, gage height, 11.74 ft; minimum daily discharge, 13 ft^3/s, Sept. 20.

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	---	---	---	66	238	176	221	129	58	33	58	43
2	---	---	---	70	201	159	741	114	51	29	46	27
3	---	---	---	71	174	142	1950	113	49	22	40	29
4	---	---	---	98	162	183	2420	124	52	23	39	36
5	---	---	---	162	149	344	2320	124	57	22	50	28
6	---	---	---	136	139	283	1750	112	65	20	37	29
7	---	---	---	107	133	225	938	99	63	e24	32	26
8	---	---	---	90	130	191	576	89	58	e22	27	30
9	---	---	---	87	124	166	411	81	53	e21	26	30
10	---	---	---	292	118	156	345	75	46	e20	29	29
11	---	---	---	432	114	189	305	74	42	e24	48	30
12	---	---	67	271	116	302	280	69	42	22	37	27
13	---	---	86	187	120	284	275	69	40	21	29	23
14	---	---	352	158	544	221	344	60	40	22	22	21
15	---	---	279	129	1240	186	383	53	37	24	20	20
16	---	---	158	118	1140	211	322	52	40	21	24	17
17	---	---	107	117	738	393	285	52	39	18	22	15
18	---	---	90	123	408	346	247	57	45	18	21	14
19	---	---	89	115	310	294	220	59	45	17	22	15
20	---	---	83	116	270	1280	194	54	42	16	22	13
21	---	---	98	114	222	1450	179	56	35	19	53	20
22	---	---	143	109	192	1130	167	224	35	22	41	49
23	---	---	128	355	175	626	153	245	33	19	33	58
24	---	---	104	751	158	393	159	132	31	21	27	56
25	---	---	91	509	152	325	183	93	33	25	25	42
26	---	---	83	335	145	286	185	78	30	27	27	34
27	---	---	78	250	165	264	168	66	32	27	23	29
28	---	---	77	204	235	262	147	69	32	24	22	25
29	---	---	72	196	207	234	144	68	31	21	24	25
30	---	---	69	241	---	218	139	62	31	19	23	26
31	---	---	66	266	---	240	---	55	---	44	33	---
TOTAL	---	---	---	6275	8219	11159	16151	2807	1287	707	982	866
MEAN	---	---	---	202	283	360	538	90.5	42.9	22.8	31.7	28.9
MAX	---	---	---	751	1240	1450	2420	245	65	44	58	58
MIN	---	---	---	66	114	142	139	52	30	16	20	13
CFSM	---	---	---	.83	1.16	1.47	2.20	.37	.18	.09	.13	.12
IN.	---	---	---	.95	1.25	1.69	2.45	.43	.20	.11	.15	.13

e Estimated

02413300 LITTLE TALLAPOOSA RIVER NEAR NEWELL, AL

LOCATION.--Lat 33°26'14", long 85°23'57", in SW$^1/_4$SW$^1/_4$ 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 mi^2.
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: June 22 to July 5, Sept. 4-30. Records good except those of estimated record, which are poor. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	69	106	112	350	284	330	249	114	e54	47	44
2	42	228	98	112	304	262	1550	233	111	e52	67	55
3	35	241	92	117	275	244	3290	223	103	e50	59	43
4	40	185	91	168	254	312	3500	236	103	e48	88	e40
5	50	142	88	236	235	430	2930	238	120	e46	89	e50
6	50	116	111	228	222	412	2260	225	125	43	64	e40
7	43	95	132	188	213	338	1370	206	127	39	52	e34
8	37	87	129	160	208	296	873	194	119	36	43	e42
9	35	86	121	153	200	270	631	179	111	33	39	e50
10	51	87	113	461	197	255	519	170	101	34	41	e46
11	95	83	109	643	191	317	459	166	93	36	80	e44
12	95	84	110	453	189	434	416	159	87	36	68	e39
13	115	83	137	321	195	447	401	154	84	34	52	e33
14	281	81	332	272	1340	362	552	146	80	33	42	e27
15	213	81	381	231	1940	313	647	134	76	32	38	e24
16	136	79	253	205	1730	332	522	125	81	31	35	e22
17	103	81	184	201	1160	518	455	124	86	29	34	e20
18	83	78	151	202	682	530	402	122	85	28	33	e19
19	71	73	143	200	482	463	365	126	91	27	30	e20
20	66	78	138	195	397	1970	333	125	90	27	29	e18
21	75	73	155	190	336	1970	313	127	90	27	80	e30
22	78	78	209	184	299	1580	299	258	e77	27	54	e60
23	72	82	205	504	273	978	283	425	e70	27	53	e80
24	67	84	175	1020	256	609	304	274	e60	27	46	e75
25	61	85	154	777	243	487	327	196	e55	28	42	e60
26	59	123	142	501	233	417	326	160	e50	29	39	e52
27	61	175	132	373	271	392	305	145	e52	32	39	e45
28	65	158	127	309	338	380	281	144	e58	36	39	e39
29	64	131	124	299	325	350	264	143	e55	35	37	e36
30	62	116	117	342	---	336	260	132	e57	35	35	e34
31	61	---	114	374	---	337	---	120	---	33	36	---
TOTAL	2418	3242	4673	9731	13338	16625	24767	5658	2611	1084	1530	1221
MEAN	78.0	108	151	314	460	536	826	183	87.0	35.0	49.4	40.7
MAX	281	241	381	1020	1940	1970	3500	425	127	54	89	80
MIN	35	69	88	112	189	244	260	120	50	27	29	18
CFSM	.19	.27	.37	.77	1.13	1.32	2.03	.45	.21	.09	.12	.10
IN.	.22	.30	.43	.89	1.22	1.52	2.27	.52	.24	.10	.14	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2000, BY WATER YEAR (WY)

MEAN	300	433	559	835	1060	1244	938	582	409	323	237	179
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	55.5	99.7	151	203	421	311	287	183	68.2	35.0	49.4	30.5
(WY)	1988	1979	2000	1981	1986	1988	1986	2000	1988	2000	2000	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1976 - 2000	
ANNUAL TOTAL	106942		86898			
ANNUAL MEAN	293		237		589	
HIGHEST ANNUAL MEAN					908	1976
LOWEST ANNUAL MEAN					237	2000
HIGHEST DAILY MEAN	2140	Jul 12	3500	Apr 4	12600	Mar 17 1976
LOWEST DAILY MEAN	20	Sep 28	18	Sep 20	18	Sep 20 2000
ANNUAL SEVEN-DAY MINIMUM	24	Sep 15	21	Sep 14	21	Sep 14 2000
INSTANTANEOUS PEAK FLOW			3690	Apr 4	14100	Mar 16 1976
INSTANTANEOUS PEAK STAGE			8.94	Apr 4	18.18	Mar 16 1976
ANNUAL RUNOFF (CFSM)	.72		.58		1.45	
ANNUAL RUNOFF (INCHES)	9.80		7.96		19.72	
10 PERCENT EXCEEDS	590		449		1250	
50 PERCENT EXCEEDS	190		120		354	
90 PERCENT EXCEEDS	45		35		96	

e Estimated

02414500 TALLAPOOSA RIVER AT WADLEY, AL

LOCATION.--Lat 33°07'00", long 85°33'39", in SE$^1/_4$SW$^1/_4$ 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 mi^2.
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.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	887	493	1470	372	759	1330	1980	303	422	389	234	778
2	630	177	1160	253	1050	1940	6270	158	1160	174	307	273
3	158	306	186	360	809	622	13400	977	502	174	1060	314
4	294	1050	155	347	1050	272	16500	1340	322	291	991	305
5	109	484	318	1870	1040	397	13500	1110	287	879	345	225
6	228	300	1680	516	521	554	8190	892	349	1070	291	177
7	298	246	1770	191	1330	572	5710	244	309	1540	1220	234
8	319	389	1310	379	1350	481	2970	1850	352	520	831	216
9	141	447	650	402	801	315	2570	1970	356	175	454	301
10	146	458	535	1660	385	369	2690	360	285	199	1600	313
11	424	296	234	3840	366	242	1820	118	261	545	715	449
12	265	231	394	2240	145	282	2470	519	316	717	264	622
13	217	262	348	2060	247	487	1930	334	1370	895	959	754
14	175	297	571	2440	4670	351	3130	446	1940	657	621	403
15	223	276	1700	2510	5100	182	2170	280	1850	343	590	218
16	247	366	1830	244	4800	783	2630	514	1430	209	1300	289
17	425	1970	1410	207	3000	365	1170	623	626	774	688	430
18	387	1030	523	457	2660	252	2240	412	237	1720	843	1230
19	403	305	152	788	1900	2230	1480	958	632	1680	254	1150
20	1250	321	796	986	1680	9170	1600	517	172	490	240	1150
21	1650	365	1340	2720	1820	9120	873	265	1690	1000	306	829
22	1470	326	2730	677	424	6320	2010	983	905	292	181	414
23	445	854	2050	1980	175	3560	989	820	1470	229	208	266
24	418	335	848	4370	721	4460	504	901	320	1160	871	288
25	1870	326	322	3110	1690	867	228	1570	111	629	938	1050
26	1330	295	500	2580	1310	223	197	1070	1160	1090	374	297
27	126	473	571	2220	1810	222	182	1080	1320	929	214	461
28	373	223	457	3390	3050	1140	218	563	1580	746	230	791
29	417	297	335	499	1180	1830	248	296	1090	465	289	1320
30	252	532	300	282	---	2710	230	332	1160	343	132	464
31	236	---	392	1070	---	2460	---	393	---	380	222	---
TOTAL	15813	13730	27037	45020	45843	54108	100099	22198	23984	20704	17772	16011
MEAN	510	458	872	1452	1581	1745	3337	716	799	668	573	534
MAX	1870	1970	2730	4370	5100	9170	16500	1970	1940	1720	1600	1320
MIN	109	177	152	191	145	182	182	118	111	174	132	177
CFSM	.30	.27	.52	.87	.94	1.04	1.99	.43	.48	.40	.34	.32
IN.	.35	.30	.60	1.00	1.02	1.20	2.22	.49	.53	.46	.39	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2000, BY WATER YEAR (WY)

MEAN	1344	2148	2557	3427	4715	5164	2419	2129	1810	1766	1419	960
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1984 - 2000	
ANNUAL TOTAL	536087		402319			
ANNUAL MEAN	1469		1099		2479	
HIGHEST ANNUAL MEAN					3953	1990
LOWEST ANNUAL MEAN					1082	1988
HIGHEST DAILY MEAN	8180	Jan 23	16500	Apr 4	60300	Mar 17 1990
LOWEST DAILY MEAN	109	Oct 5	109	Oct 5	** 41	Aug 30 1987
ANNUAL SEVEN-DAY MINIMUM	219	Oct 4	219	Oct 4	95	May 11 1986
INSTANTANEOUS PEAK FLOW			17900	Apr 4	* 67600	Mar 17 1990
INSTANTANEOUS PEAK STAGE			12.17	Apr 4	* 26.72	Mar 17 1990
ANNUAL RUNOFF (CFSM)	.88		.66		1.48	
ANNUAL RUNOFF (INCHES)	11.91		8.94		20.11	
10 PERCENT EXCEEDS	3230		2230		5320	
50 PERCENT EXCEEDS	913		518		1620	
90 PERCENT EXCEEDS	237		222		203	

* Maximum discharge of record (Sept. 1923 to Sept. 1998) is 89,400 ft^3/s, April 14, 1979, gage height,30.57 ft.
** Minimum daily discharge (unregulated period, water years 1924-1982), 45 ft^3/s, Oct. 2-4, 1954.

MOBILE RIVER BASIN

02414500 TALLAPOOSA RIVER AT WADLEY, 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	3.25	2.97	3.77	2.82	3.29	3.55	4.08	2.70	2.89	2.64	2.46	3.17
2	3.06	2.45	3.62	2.63	3.46	4.23	6.31	2.39	3.52	2.40	2.74	2.64
3	2.36	2.64	2.42	2.67	3.23	3.11	10.11	3.30	2.96	2.43	3.28	2.73
4	2.71	3.33	2.29	2.74	3.33	2.61	11.56	3.53	2.76	2.69	3.35	2.72
5	2.17	2.98	2.75	3.99	3.50	2.88	10.15	3.37	2.70	3.23	2.71	2.55
6	2.56	2.72	3.79	2.91	3.04	3.08	7.68	3.19	2.82	3.20	2.59	2.43
7	2.71	2.62	4.03	2.45	3.61	3.12	6.34	2.58	2.74	3.63	3.31	2.57
8	2.72	2.86	3.60	2.86	3.76	2.99	4.57	3.86	2.81	2.77	3.18	2.47
9	2.30	2.93	2.96	2.86	3.13	2.76	4.37	3.95	2.81	2.40	2.85	2.69
10	2.32	2.95	3.01	4.22	2.88	2.86	4.67	2.71	2.69	2.49	3.76	2.71
11	2.81	2.70	2.50	5.21	2.85	2.63	3.90	2.23	2.64	2.89	3.01	2.78
12	2.64	2.58	2.76	4.40	2.33	2.73	4.49	3.08	2.74	3.01	2.47	3.02
13	2.53	2.64	2.70	3.76	2.57	2.94	4.18	2.76	3.47	3.16	3.30	3.08
14	2.40	2.71	2.62	4.54	5.48	2.82	4.82	2.92	4.08	3.01	2.89	2.77
15	2.54	2.67	3.99	4.54	6.10	2.47	4.16	2.69	3.91	2.63	2.94	2.53
16	2.61	2.80	3.74	2.58	5.96	3.19	4.33	3.06	3.46	2.47	3.50	2.67
17	2.86	4.15	3.50	2.50	4.90	2.89	3.51	3.15	2.95	2.99	3.13	2.68
18	2.82	3.63	2.85	2.94	4.66	2.66	4.32	2.64	2.58	3.79	3.23	3.48
19	2.68	2.73	2.35	3.34	4.16	4.10	3.68	3.39	3.11	3.82	2.57	3.43
20	3.67	2.75	2.98	3.04	4.01	8.10	3.76	2.98	2.41	2.78	2.58	3.46
21	3.97	2.83	3.57	4.64	3.79	8.06	3.25	2.66	3.66	3.31	2.72	3.23
22	3.63	2.78	4.66	2.99	2.82	6.69	3.94	3.53	3.22	2.62	2.44	2.89
23	2.91	3.29	4.26	4.17	2.43	5.19	3.34	3.21	3.49	2.56	2.51	2.65
24	2.87	2.76	3.29	5.61	2.83	5.65	2.97	3.28	2.57	3.31	3.22	2.68
25	3.83	2.77	2.77	4.88	3.96	3.27	2.60	3.75	2.18	2.88	3.14	3.32
26	3.69	2.72	3.01	4.58	3.48	2.59	2.52	3.35	3.20	3.43	2.76	2.63
27	2.25	2.98	3.10	4.34	3.86	2.58	2.48	3.44	3.46	3.31	2.51	2.80
28	2.78	2.49	2.94	4.99	4.77	3.16	2.53	2.99	3.66	3.16	2.56	3.24
29	2.89	2.68	2.78	2.93	3.48	3.84	2.61	2.71	3.17	2.92	2.68	3.73
30	2.59	3.02	2.72	2.72	---	4.46	2.57	2.77	3.29	2.78	2.22	2.83
31	2.58	---	2.84	3.54	---	4.35	---	2.86	---	2.86	2.54	---
MEAN	2.83	2.87	3.17	3.63	3.71	3.73	4.66	3.07	3.06	2.95	2.88	2.89
MAX	3.97	4.15	4.66	5.61	6.10	8.10	11.56	3.95	4.08	3.82	3.76	3.73
MIN	2.17	2.45	2.29	2.45	2.33	2.47	2.48	2.23	2.18	2.40	2.22	2.43

CAL YR 1999	MEAN 3.52	MAX 7.44	MIN 2.10
WTR YR 2000	MEAN 3.28	MAX 11.56	MIN 2.17

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 mi^2.
PERIOD OF RECORD.--August 1998 to current year.
GAGE.--Water-stage recorder. Datum of gage is 700 ft (from topographic map).
REMARKS.--Estimated daily discharges: 1999 water year, Oct. 1, Nov. 1-5, Nov. 18 to Dec. 7, June 8-14, Sept. 15-19, 22-30; 2000 water year, Oct. 1-20. 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.--Daily discharges for several days during water year 1999 and annual peak discharges and peaks above base for water year 1999 have been revised and supercede those previously published. See Table 3 (Peak Discharges and Peaks above Base) for peak revisions. New 1999 water year table is given below.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e9.0	e4.2	e4.8	7.2	81	14	39	6.9	4.4	58	7.9	2.3
2	7.3	e4.0	e4.8	39	49	12	27	6.4	4.4	30	7.0	2.1
3	6.3	e3.8	e4.7	25	30	17	21	6.0	4.0	19	6.1	2.1
4	6.1	e3.7	e4.7	17	30	14	18	5.5	3.8	14	5.6	2.0
5	6.6	e3.6	e4.6	13	23	12	16	6.0	4.3	11	5.2	1.8
6	7.5	3.7	e4.7	11	19	37	15	66	3.2	12	4.9	1.7
7	11	3.5	e5.0	11	17	21	27	40	3.0	9.2	4.2	1.6
8	8.1	4.3	5.3	10	15	16	17	22	e2.9	8.6	3.9	1.6
9	6.9	5.6	5.4	21	14	39	16	15	e2.8	7.6	4.5	2.0
10	6.2	7.4	5.2	15	22	28	15	12	e2.8	6.8	4.3	2.0
11	5.7	17	5.5	13	22	22	13	10	e3.3	45	4.4	1.6
12	5.4	9.8	6.0	11	18	18	12	8.5	e7.0	109	4.2	1.6
13	5.2	8.7	8.8	10	15	39	11	8.6	e5.5	43	3.9	1.5
14	5.1	12	7.5	11	13	166	10	8.5	e4.5	23	3.7	1.5
15	4.8	13	7.3	13	12	80	11	7.8	35	15	2.9	e1.4
16	4.6	13	6.8	11	11	44	10	7.0	273	12	2.7	e1.3
17	4.7	12	6.5	11	23	30	9.5	6.7	99	10	2.6	e1.2
18	4.6	e9.0	6.4	9.6	37	23	8.9	6.9	35	9.2	2.5	e1.1
19	5.1	e7.5	6.8	8.9	28	20	8.7	7.0	17	33	2.3	e1.2
20	5.7	e6.8	7.2	8.3	21	17	8.5	6.3	10	68	3.0	72
21	5.4	e6.2	7.3	8.1	17	21	8.2	5.7	21	33	2.8	5.9
22	6.3	e5.9	7.1	8.0	15	18	7.8	5.4	8.1	20	2.2	e1.8
23	3.1	e5.7	8.3	162	13	15	7.4	5.3	40	14	4.1	e1.2
24	3.5	e5.8	25	77	13	14	7.4	5.9	79	37	7.9	e.95
25	6.1	e6.0	15	34	12	19	7.4	5.3	32	145	6.1	e.85
26	7.4	e5.8	13	20	11	17	7.6	5.2	19	65	5.9	e.80
27	3.6	e5.2	11	14	12	15	7.9	4.8	19	27	4.7	e1.0
28	4.2	e5.0	12	11	18	14	8.1	4.5	21	16	3.9	e2.5
29	3.8	e4.9	10	9.7	---	13	7.7	4.4	65	13	3.4	e1.8
30	3.9	e4.9	8.7	18	---	13	7.5	4.5	87	11	2.9	e1.2
31	4.5	---	7.8	72	---	32	---	4.3	---	9.2	2.5	---
TOTAL	177.7	208.0	243.2	709.8	611	860	390.6	318.4	916.0	933.6	132.2	121.60
MEAN	5.73	6.93	7.85	22.9	21.8	27.7	13.0	10.3	30.5	30.1	4.26	4.05
MAX	11	17	25	162	81	166	39	66	273	145	7.9	72
MIN	3.1	3.5	4.6	7.2	11	12	7.4	4.3	2.8	6.8	2.2	.80
CFSM	.27	.33	.37	1.07	1.02	1.30	.61	.48	1.43	1.41	.20	.19
IN.	.31	.36	.42	1.24	1.07	1.50	.68	.56	1.60	1.63	.23	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

MEAN	5.73	6.93	7.85	22.9	21.8	27.7	13.0	10.3	30.5	30.1	4.26	3.61
MAX	5.73	6.93	7.85	22.9	21.8	27.7	13.0	10.3	30.5	30.1	4.26	4.05
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	5.73	6.93	7.85	22.9	21.8	27.7	13.0	10.3	30.5	30.1	4.26	3.16
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1998

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1998 - 1999	
ANNUAL TOTAL	5622.10			
ANNUAL MEAN	15.4		15.4	
HIGHEST ANNUAL MEAN			15.4	1999
LOWEST ANNUAL MEAN			15.4	1999
HIGHEST DAILY MEAN	273	Jun 16	273	Jun 16 1999
LOWEST DAILY MEAN	.80	Sep 26	.80	Sep 26 1999
ANNUAL SEVEN-DAY MINIMUM	1.3	Sep 22	1.3	Sep 22 1999
INSTANTANEOUS PEAK FLOW	1470	Jun 16	1470	Jun 16 1999
INSTANTANEOUS PEAK STAGE	11.65	Jun 16	11.65	Jun 16 1999
ANNUAL RUNOFF (CFSM)	.72		.72	
ANNUAL RUNOFF (INCHES)	9.82		9.83	
10 PERCENT EXCEEDS	32		30	
50 PERCENT EXCEEDS	8.1		7.5	
90 PERCENT EXCEEDS	2.8		2.3	

e Estimated

02414525 HIGH PINE CREEK NEAR ROANOKE, AL--Continued

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	e1.0	47	5.9	9.9	22	9.9	18	5.2	1.1	.57	2.2	2.5
2	e.95	41	5.9	9.6	20	9.2	29	5.0	.98	.49	3.8	1.5
3	e.90	20	5.8	9.4	18	8.8	222	5.1	.90	.53	3.5	1.7
4	e.85	13	5.5	22	17	14	185	4.9	.88	.53	2.8	1.6
5	e.80	10	6.7	18	15	9.7	91	4.4	1.4	.54	2.5	1.2
6	e.77	8.3	7.6	15	14	8.9	46	4.0	1.5	.48	2.4	1.2
7	e.75	7.2	6.9	13	14	8.2	24	3.8	1.5	.49	2.0	1.3
8	e.74	6.8	6.8	12	13	7.9	18	3.6	1.2	.58	1.7	1.1
9	e.80	6.3	6.6	128	13	7.8	15	3.4	.98	.58	1.4	1.1
10	e10	6.0	8.0	431	12	28	13	3.2	.87	.54	1.5	1.0
11	e7.0	6.0	7.0	194	12	18	11	3.1	.79	.55	4.0	.96
12	e5.5	5.8	6.8	131	12	14	10	2.9	.70	1.8	1.7	.97
13	e4.5	5.7	120	67	12	11	10	2.7	.71	.86	1.5	1.0
14	e9.0	5.6	79	32	19	9.9	27	2.5	.75	.64	1.3	.98
15	e8.0	5.4	40	22	17	9.2	18	2.2	.85	.55	.95	.87
16	e7.0	5.2	25	18	15	40	14	2.0	1.1	.53	.81	.78
17	e6.3	5.2	17	17	14	22	12	1.8	1.2	.57	.71	.71
18	e5.7	5.1	15	16	13	17	9.9	1.7	1.1	.55	.62	.68
19	e5.5	5.4	15	15	13	104	9.0	1.6	.97	.56	.54	.71
20	e6.0	5.3	13	16	12	154	8.3	1.5	.99	8.6	.60	.88
21	6.6	5.7	37	14	11	76	7.7	1.9	.83	4.6	11	3.5
22	6.4	5.5	25	13	11	38	7.1	4.0	.79	1.2	.95	5.3
23	6.2	5.5	20	44	11	24	6.9	3.1	.77	1.0	.69	2.7
24	5.4	5.4	17	29	10	19	9.1	2.4	.60	1.3	.57	2.3
25	5.2	10	14	24	10	16	8.4	2.0	.55	1.1	.57	2.3
26	5.1	11	13	20	10	14	7.5	1.8	.59	1.1	.53	1.9
27	5.0	9.2	12	17	23	15	6.8	1.5	.60	1.0	.85	1.5
28	4.9	7.8	11	16	13	14	6.7	1.7	.58	.90	.80	1.5
29	4.8	6.9	11	35	11	13	6.2	1.5	.61	.79	.60	1.4
30	4.8	6.2	10	30	---	32	5.7	1.3	.64	6.3	.56	1.4
31	5.0	---	10	25	---	24	---	1.1	---	2.7	7.0	---
TOTAL	141.46	293.5	583.5	1462.9	407	796.5	862.3	86.9	27.03	42.53	60.65	46.54
MEAN	4.56	9.78	18.8	47.2	14.0	25.7	28.7	2.80	.90	1.37	1.96	1.55
MAX	10	47	120	431	23	154	222	5.2	1.5	8.6	11	5.3
MIN	.74	5.1	5.5	9.4	10	7.8	5.7	1.1	.55	.48	.53	.68
CFSM	.21	.46	.88	2.22	.66	1.21	1.35	.13	.04	.06	.09	.07
IN.	.25	.51	1.02	2.55	.71	1.39	1.51	.15	.05	.07	.11	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

MEAN	5.15	8.36	13.3	35.0	17.9	26.7	20.9	6.54	15.7	15.7	3.11	2.92
MAX	5.73	9.78	18.8	47.2	21.8	27.7	28.7	10.3	30.5	30.1	4.26	4.05
(WY)	1999	2000	2000	2000	1999	1999	2000	1999	1999	1999	1999	1999
MIN	4.56	6.93	7.85	22.9	14.0	25.7	13.0	2.80	.90	1.37	1.96	1.55
(WY)	2000	1999	1999	1999	2000	2000	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1998 - 2000	
ANNUAL TOTAL	6011.66		4810.81			
ANNUAL MEAN	16.5		13.1		14.3	
HIGHEST ANNUAL MEAN					15.4	1999
LOWEST ANNUAL MEAN					13.1	2000
HIGHEST DAILY MEAN	273	Jun 16	431	Jan 10	431	Jan 10 2000
LOWEST DAILY MEAN	.74	Oct 8	.48	Jul 6	.48	Jul 6 2000
ANNUAL SEVEN-DAY MINIMUM	.80	Oct 3	.52	Jul 1	.52	Jul 1 2000
INSTANTANEOUS PEAK FLOW			1210	Jan 10	1470	Jun 16 1999
INSTANTANEOUS PEAK STAGE			10.52	Jan 10	11.65	Jun 16 1999
ANNUAL RUNOFF (CFSM)	.77		.62		.67	
ANNUAL RUNOFF (INCHES)	10.50		8.40		9.10	
10 PERCENT EXCEEDS	37		23		26	
50 PERCENT EXCEEDS	8.9		5.7		6.8	
90 PERCENT EXCEEDS	2.3		.71		.99	

e Estimated

02414715 TALLAPOOSA RIVER NEAR NEW SITE, AL

LOCATION.--Lat 32°58'38", long 85°44'23", in NW$^1/_4$SW$^1/_4$ 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 mi^2.
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: Feb. 14-23. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1450	370	981	518	1900	1910	2940	782	483	1540	409	435
2	826	946	2390	637	1830	2920	3330	597	670	300	375	947
3	384	712	1070	488	1690	2250	14200	1170	1740	229	491	394
4	295	710	352	1050	1430	935	18300	1880	463	269	1570	372
5	383	1340	328	1770	2490	1090	15700	2080	469	385	1220	377
6	251	524	841	1300	1310	1290	10400	1830	499	1220	327	286
7	318	439	2910	868	1460	1180	7290	624	499	1860	355	282
8	421	483	1930	512	2170	1300	3860	615	473	1510	1650	328
9	341	479	1250	1080	1490	850	4250	2490	502	303	968	312
10	329	619	1100	5830	1220	790	4370	2590	438	228	578	371
11	908	580	752	5030	827	1230	2620	464	401	267	1890	314
12	519	446	508	4480	646	930	2930	487	395	966	846	640
13	426	384	1180	1960	506	819	3980	760	380	790	474	727
14	385	431	1880	4100	e3500	1190	3140	848	1950	1080	952	972
15	332	473	2590	3820	e6000	839	3340	529	2230	871	966	307
16	353	398	2230	1360	e7000	1110	3220	686	2210	299	636	267
17	522	1070	2180	646	e5500	2400	3740	1040	2030	237	1550	312
18	390	2170	1270	629	e4000	1290	2100	593	401	1130	775	829
19	465	1240	977	997	e3000	1440	3050	1490	446	2010	995	1340
20	1260	441	560	1580	e2500	8350	2510	990	836	1810	274	1390
21	2120	527	2110	3010	e2200	10500	2550	506	346	633	416	1400
22	1570	503	2590	2490	e3000	8390	1710	852	2140	1360	459	1010
23	1340	504	3620	1470	e800	5110	2980	1210	1120	311	289	469
24	543	1350	2460	4640	534	5530	942	1520	1880	363	332	403
25	1410	491	816	4160	2040	3180	1330	1210	310	1690	1180	367
26	1730	536	682	3840	1940	982	759	2620	195	871	1150	1360
27	1070	616	1050	3330	2410	844	656	1130	1590	1360	309	306
28	346	649	851	4100	4350	924	604	1740	1630	1200	289	1040
29	385	385	848	1690	2610	2740	755	538	1830	964	302	725
30	515	503	582	1800	---	2710	593	549	1520	429	321	1480
31	336	---	690	1840	---	4640	---	559	---	486	193	---
TOTAL	21923	20319	43578	71025	70353	79663	128149	34979	30076	26971	22541	19762
MEAN	707	677	1406	2291	2426	2570	4272	1128	1003	870	727	659
MAX	2120	2170	3620	5830	7000	10500	18300	2620	2230	2010	1890	1480
MIN	251	370	328	488	506	790	593	464	195	228	193	267
CFSM	.34	.33	.68	1.11	1.18	1.25	2.08	.55	.49	.42	.35	.32
IN.	.40	.37	.79	1.28	1.27	1.44	2.32	.63	.54	.49	.41	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2000, BY WATER YEAR (WY)

MEAN	1883	2863	3117	4571	5891	6801	3492	2525	2481	2268	1617	1275
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1986 - 2000	
ANNUAL TOTAL	738564		569339			
ANNUAL MEAN	2023		1556		3336	
HIGHEST ANNUAL MEAN					5065	1996
LOWEST ANNUAL MEAN					1461	1988
HIGHEST DAILY MEAN	10500	Mar 15	18300	Apr 4	78300	Mar 17 1990
LOWEST DAILY MEAN	229	Aug 30	193	Aug 31	98	Aug 31 1987
ANNUAL SEVEN-DAY MINIMUM	334	Oct 4	324	Sep 5	167	Oct 9 1987
INSTANTANEOUS PEAK FLOW			19900	Apr 5	91400	Mar 17 1990
INSTANTANEOUS PEAK STAGE			9.23	Apr 5	19.15	Mar 17 1990
ANNUAL RUNOFF (CFSM)	.98		.76		1.62	
ANNUAL RUNOFF (INCHES)	13.35		10.29		22.02	
10 PERCENT EXCEEDS	4100		3190		6460	
50 PERCENT EXCEEDS	1520		967		2320	
90 PERCENT EXCEEDS	385		340		360	

e Estimated

MOBILE RIVER BASIN

02415000 HILLABEE CREEK NEAR HACKNEYVILLE, AL

LOCATION.--Lat 33°04'00", long 85°52'45", in NW$^1/_4$SW$^1/_4$ 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 mi^2.
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.--Estimated daily discharges: July 16-18. 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 ft^3/s.

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	51	44	39	49	190	152	202	122	48	28	27	42
2	36	298	40	49	160	139	608	119	47	24	27	22
3	32	118	40	49	140	126	1310	119	44	21	28	17
4	44	67	41	139	127	142	1720	114	42	19	23	21
5	43	53	42	137	114	125	718	115	47	18	19	16
6	38	48	56	83	106	112	506	102	76	18	16	18
7	33	45	56	69	102	105	381	99	65	16	14	17
8	30	43	47	63	99	102	317	94	51	14	12	16
9	30	43	46	95	95	100	274	89	46	12	12	15
10	150	42	46	1260	92	149	251	88	43	11	11	14
11	170	41	49	404	90	500	240	89	42	17	21	13
12	70	39	47	230	90	432	228	88	38	16	24	12
13	54	40	95	173	93	270	238	84	37	14	18	11
14	58	39	128	128	919	219	267	77	36	14	14	30
15	49	39	73	105	393	191	272	68	48	12	11	24
16	43	38	56	96	249	227	229	66	55	e9.1	10	16
17	40	37	50	107	205	260	207	65	57	e7.2	8.9	12
18	37	38	48	109	195	199	189	65	53	e6.2	8.0	10
19	35	38	60	97	184	311	179	61	44	5.7	6.9	8.8
20	36	40	69	125	151	1220	172	61	40	5.7	6.0	7.6
21	40	45	119	108	134	500	172	79	36	7.7	5.3	7.4
22	40	46	154	93	125	346	159	108	33	7.8	5.1	14
23	37	44	92	409	118	280	151	81	30	7.1	4.6	33
24	34	43	73	366	114	243	189	67	28	12	4.3	28
25	34	43	63	227	110	219	188	61	26	20	5.2	29
26	34	45	57	175	105	206	160	58	28	17	5.1	22
27	35	46	55	138	250	211	142	57	38	20	5.5	18
28	34	44	53	129	250	218	140	74	42	22	7.2	16
29	34	41	51	286	177	186	137	75	32	16	7.2	13
30	33	39	49	333	---	241	128	58	29	13	9.9	12
31	34	---	49	233	---	251	---	52	---	21	12	---
TOTAL	1468	1626	1943	6064	5177	7982	10074	2555	1281	451.5	388.2	534.8
MEAN	47.4	54.2	62.7	196	179	257	336	82.4	42.7	14.6	12.5	17.8
MAX	170	298	154	1260	919	1220	1720	122	76	28	28	42
MIN	30	37	39	49	90	100	128	52	26	5.7	4.3	7.4
CFSM	.25	.29	.33	1.03	.94	1.36	1.77	.43	.22	.08	.07	.09
IN.	.29	.32	.38	1.19	1.01	1.56	1.97	.50	.25	.09	.08	.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2000, BY WATER YEAR (WY)

MEAN	115	178	298	409	575	639	550	297	212	164	108	111
MAX	574	830	1171	874	1551	1689	1309	725	655	592	262	720
(WY)	1996	1993	1962	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	1990

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1952 - 2000	
ANNUAL TOTAL	60869		39544.5			
ANNUAL MEAN	167		108		303	
HIGHEST ANNUAL MEAN					503	1990
LOWEST ANNUAL MEAN					108	2000
HIGHEST DAILY MEAN	2720	Jan 31	1720	Apr 4	12300	Apr 5 1957
LOWEST DAILY MEAN	16	Sep 26	4.3	Aug 24	4.3	Aug 24 2000
ANNUAL SEVEN-DAY MINIMUM	21	Sep 15	5.0	Aug 21	5.0	Aug 21 2000
INSTANTANEOUS PEAK FLOW			2520	Apr 4	17700	Mar 16 1990
INSTANTANEOUS PEAK STAGE			11.04	Apr 4	25.70	Apr 5 1957
ANNUAL RUNOFF (CFSM)	.88		.57		1.60	
ANNUAL RUNOFF (INCHES)	11.92		7.74		21.69	
10 PERCENT EXCEEDS	316		239		610	
50 PERCENT EXCEEDS	116		50		170	
90 PERCENT EXCEEDS	35		12		47	

e Estimated

02418230 SOUGAHATCHEE CREEK NEAR LOACHAPOKA, AL

LOCATION.--Lat 32°37'36", Long 85°35'17", in NW$^1/_4$ 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 mi^2.
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.
EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,590 ft^3/s, Jan. 10, 2000, gage height, 4.63 ft; minimum daily discharge, 8.1 ft^3/s, Aug. 20.

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	---	---	18	33	81	50	71	36	24	13	17	21
2	---	---	19	33	70	49	65	36	24	11	25	54
3	---	---	19	33	65	47	157	36	23	9.7	22	32
4	---	---	18	38	60	55	310	35	21	11	21	24
5	---	---	20	37	56	48	217	34	23	9.7	17	16
6	---	---	58	32	54	46	167	33	26	9.2	14	38
7	---	---	26	32	53	45	65	32	23	8.4	16	30
8	---	---	22	31	51	43	57	32	20	8.7	15	21
9	---	22	23	51	49	43	52	31	20	11	13	18
10	---	21	27	1090	48	44	50	32	18	11	14	15
11	---	20	23	340	49	67	48	31	17	11	42	13
12	---	19	21	140	54	65	47	31	16	11	20	12
13	---	18	68	86	55	51	48	30	16	11	13	12
14	---	18	41	68	73	47	121	29	15	13	11	13
15	---	17	28	57	60	45	79	28	14	11	11	21
16	---	18	24	53	54	63	57	28	26	8.7	10	14
17	---	17	23	54	53	72	52	27	30	8.9	9.8	10
18	---	18	23	52	49	60	48	27	19	10	9.1	9.5
19	---	18	37	49	57	68	46	28	17	8.6	9.0	10
20	---	19	28	50	58	388	44	28	17	9.1	8.1	10
21	---	19	169	45	53	132	44	30	16	23	17	11
22	---	17	81	43	50	89	41	98	15	18	16	31
23	---	17	51	98	47	69	41	38	18	11	10	41
24	---	18	43	184	47	60	45	31	14	141	9.0	43
25	---	24	39	116	46	54	48	28	13	29	39	22
26	---	52	36	83	46	52	43	34	12	22	21	21
27	---	22	35	71	74	52	41	30	38	17	12	16
28	---	18	35	65	70	54	41	29	19	15	11	13
29	---	18	35	119	56	46	40	30	16	15	11	12
30	---	18	34	128	---	160	38	25	17	15	9.6	12
31	---	---	33	104	---	96	---	24	---	17	9.2	---
TOTAL	---	---	1157	3415	1638	2260	2223	1021	587	528.0	481.8	615.5
MEAN	---	---	37.3	110	56.5	72.9	74.1	32.9	19.6	17.0	15.5	20.5
MAX	---	---	169	1090	81	388	310	98	38	141	42	54
MIN	---	---	18	31	46	43	38	24	12	8.4	8.1	9.5
CFSM	---	---	.52	1.55	.79	1.02	1.04	.46	.27	.24	.22	.29
IN.	---	---	.60	1.78	.85	1.18	1.16	.53	.31	.28	.25	.32

MOBILE RIVER BASIN

02418500 TALLAPOOSA RIVER BELOW TALLASSEE, AL

LOCATION.--Lat 32°33'15", long 85°53'21", in SE$^1/_4$NW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1600	1480	3180	2120	3260	1290	932	1330	1260	2370	1320	1770
2	1510	821	3050	2300	3090	1290	895	1320	1320	2300	2040	1170
3	1340	1340	3080	2320	3160	1300	1330	1320	1360	2230	1850	1310
4	1500	1680	2200	2320	3580	1320	1750	1340	1360	2190	1330	1920
5	2120	926	2210	2310	2400	1340	11400	1340	1360	1630	1270	1890
6	2000	888	3840	2320	2300	1340	7120	1320	1350	2400	1270	1900
7	1940	815	3530	2310	3990	1600	7720	1330	1120	2190	2230	1760
8	1650	1590	3330	2300	2210	1180	1690	2940	980	1260	2390	1790
9	1550	1580	2320	2300	2200	1350	1290	2760	1160	1260	2210	1300
10	1550	972	2470	3540	2220	1260	3120	1360	1260	2700	2450	1300
11	1550	1560	2240	3870	2220	1090	1960	1320	1270	2080	2200	1860
12	1560	1770	2360	1730	2200	960	2180	1340	1680	2480	1320	1890
13	1540	829	2400	2440	2010	964	2220	1350	3350	1860	1320	2010
14	1550	356	2440	2450	1630	820	7620	1310	1570	1510	1780	1960
15	1530	1930	2360	2420	1650	530	1530	1320	1650	1510	1700	1910
16	1540	1690	3330	2450	1490	602	1420	1300	1880	1500	2670	1290
17	1540	2950	2910	3050	1330	955	1330	1330	1270	2080	1820	1320
18	2630	3580	2240	2260	1310	1140	1300	1340	1270	2060	1850	1780
19	2760	2660	2280	2300	1290	1140	1950	1340	1490	2040	1360	1850
20	3300	1500	2250	2920	1290	1460	2020	1320	1310	1900	1380	1820
21	2550	1470	2290	3160	1280	1410	1310	1320	1940	2070	1940	1830
22	2090	1940	2940	2470	1560	1060	1320	1330	2530	1320	1890	1850
23	1380	4550	2950	2460	1290	684	1320	1370	2420	1320	1720	1360
24	1400	6430	2340	9490	1290	624	4400	1330	2160	1780	1880	1350
25	1970	5650	2320	4430	1310	674	1400	5260	1960	1910	1920	2220
26	2000	5650	2310	4470	1280	583	1360	1260	2180	2110	1340	1300
27	1450	5650	2360	3950	1290	585	1320	1320	2700	2200	1440	1300
28	1930	5650	2310	3980	1290	836	1320	1320	2980	2230	1790	1300
29	1980	5670	2290	2380	1310	923	1350	1320	2390	1330	1880	1910
30	1450	5710	2330	2400	---	935	1340	1320	1640	1290	1910	1320
31	790	---	2320	3050	---	914	---	1290	---	1310	2100	---
TOTAL	55250	79287	80780	92270	56730	32159	77217	48070	52170	58420	55570	49540
MEAN	1782	2643	2606	2976	1956	1037	2574	1551	1739	1885	1793	1651
MAX	3300	6430	3840	9490	3990	1600	11400	5260	3350	2700	2670	2220
MIN	790	356	2200	1730	1280	530	895	1260	980	1260	1270	1170
CFSM	.54	.79	.78	.89	.59	.31	.77	.47	.52	.57	.54	.50
IN.	.62	.89	.90	1.03	.63	.36	.86	.54	.58	.65	.62	.55

MOBILE RIVER BASIN

02418500 TALLAPOOSA RIVER BELOW TALLASSEE, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2000, BY WATER YEAR (WY)

MEAN	3725	4395	5089	5157	6293	7016	6776	4727	3776	3373	3403	3450
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	1477	704	853	1440	633	455	381	1336	814	924	924
(WY)	1933	1942	1932	1932	1970	1988	1934	1988	1985	1988	1988	1986

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1929 - 2000	
ANNUAL TOTAL	987827		737463			
ANNUAL MEAN	2706		2015		4755	
HIGHEST ANNUAL MEAN					7808	1949
LOWEST ANNUAL MEAN					2015	2000
HIGHEST DAILY MEAN	20900	Jun 29	11400	Apr 5	125000	Mar 17 1990
LOWEST DAILY MEAN	356	Nov 14	356	Nov 14	10	Jun 3 1930
ANNUAL SEVEN-DAY MINIMUM	1130	Oct 31	701	Mar 23	18	May 28 1930
INSTANTANEOUS PEAK FLOW					*128000	Feb 25 1961
INSTANTANEOUS PEAK STAGE					51.35	Mar 15 1929
INSTANTANEOUS LOW FLOW					10	Jun 3 1930
ANNUAL RUNOFF (CFSM)	.81		.61		1.43	
ANNUAL RUNOFF (INCHES)	11.04		8.24		19.41	
10 PERCENT EXCEEDS	4910		3080		9210	
50 PERCENT EXCEEDS	1910		1740		4100	
90 PERCENT EXCEEDS	1320		1260		377	

* 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 NE$^1/_4$NE$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	52	64	114	305	156	1130	78	18	9.9	14	26
2	29	135	60	111	225	135	299	73	17	8.0	18	19
3	27	136	60	112	189	125	242	63	18	7.8	26	61
4	33	87	59	116	171	688	451	58	18	9.4	32	51
5	37	72	67	118	154	832	461	55	20	9.1	24	29
6	36	65	112	116	140	452	253	55	18	8.0	21	26
7	31	58	131	111	135	199	171	45	19	7.4	18	33
8	27	52	97	105	129	164	131	45	17	7.2	16	30
9	42	51	91	124	127	147	114	40	15	9.6	17	23
10	432	46	106	696	122	139	102	39	14	9.2	27	19
11	538	43	113	861	121	357	93	39	15	8.1	25	17
12	327	43	104	504	123	871	88	36	13	8.7	16	15
13	164	40	127	301	133	874	82	34	12	8.5	16	14
14	130	42	169	222	358	338	199	29	11	11	11	12
15	107	41	142	191	429	187	447	30	11	8.2	10	12
16	87	39	118	181	235	189	223	30	15	7.8	9.8	25
17	73	37	105	170	178	335	133	25	22	8.2	9.5	18
18	63	37	98	178	161	320	101	24	30	6.6	8.4	14
19	56	35	128	172	170	227	78	24	27	7.6	10	12
20	49	40	152	165	164	1500	70	23	22	6.5	9.2	11
21	50	39	277	153	141	2280	69	28	19	9.3	9.9	12
22	50	39	536	140	129	977	70	55	15	7.8	27	24
23	45	44	330	351	119	281	73	52	13	10	22	32
24	40	45	202	1190	114	181	92	35	13	17	15	43
25	35	54	160	1270	112	143	124	28	12	21	13	65
26	34	76	144	806	109	126	123	27	11	17	19	34
27	37	125	131	359	159	118	109	26	12	12	25	29
28	36	106	127	249	261	135	100	33	11	13	16	21
29	34	84	121	292	210	122	91	28	11	11	13	17
30	34	71	116	393	---	265	86	26	11	12	12	16
31	33	---	115	396	---	1360	---	20	---	14	10	---
TOTAL	2747	1834	4362	10267	5123	14223	5805	1203	480	310.9	519.8	760
MEAN	88.6	61.1	141	331	177	459	194	38.8	16.0	10.0	16.8	25.3
MAX	538	136	536	1270	429	2280	1130	78	30	21	32	65
MIN	27	35	59	105	109	118	69	20	11	6.5	8.4	11
CFSM	.27	.18	.42	.99	.53	1.38	.58	.12	.05	.03	.05	.08
IN.	.31	.20	.49	1.15	.57	1.59	.65	.13	.05	.03	.06	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2000, BY WATER YEAR (WY)

MEAN	110	226	441	645	878	1105	749	325	179	243	110	87.3
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1940 - 2000	
ANNUAL TOTAL	76234		47634.7			
ANNUAL MEAN	209		130		423	
HIGHEST ANNUAL MEAN					819	1949
LOWEST ANNUAL MEAN					125	1951
HIGHEST DAILY MEAN	3320	Mar 15	2280	Mar 21	24900	Mar 17 1990
LOWEST DAILY MEAN	13	Sep 17	6.5	Jul 20	.80	Sep 14 1954
ANNUAL SEVEN-DAY MINIMUM	16	Sep 13	7.7	Jul 16	1.3	Sep 3 1954
INSTANTANEOUS PEAK FLOW			2580	Mar 21	32200	Apr 9 1964
INSTANTANEOUS PEAK STAGE			7.83	Mar 21	28.18	Apr 9 1964
ANNUAL RUNOFF (CFSM)	.63		.39		1.27	
ANNUAL RUNOFF (INCHES)	8.52		5.32		17.25	
10 PERCENT EXCEEDS	375		300		963	
50 PERCENT EXCEEDS	105		53		154	
90 PERCENT EXCEEDS	29		11		24	

MOBILE RIVER BASIN

02419500 TALLAPOOSA RIVER AT MILSTEAD, AL

LOCATION.--Lat 32°26'58", long 85°53'33", in SW$^1/_4$ 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 mi^2.
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, 16.5 ft (estimated), Apr. 5; minimum gage height, 1.54 ft, Mar. 16.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.84	3.47	5.13	3.95	5.50	2.88	4.41	2.76	2.49	---	2.38	3.16
2	3.06	3.89	4.84	3.95	5.26	2.78	3.38	2.75	2.55	---	3.05	2.73
3	3.09	3.94	3.78	3.95	5.13	2.75	3.54	2.73	2.63	---	3.25	2.43
4	3.07	4.13	3.81	3.99	5.28	3.29	5.12	2.73	2.64	---	2.62	2.90
5	3.85	3.36	3.81	3.97	4.72	3.95	---	2.70	2.63	---	2.28	3.22
6	3.85	3.26	5.04	3.95	4.17	3.74	---	2.71	2.61	---	2.26	3.17
7	3.76	3.16	5.47	3.93	5.87	3.52	---	2.68	2.39	---	3.17	3.04
8	3.32	3.58	5.11	3.91	4.13	2.76	---	4.12	2.26	---	3.70	2.93
9	3.15	3.89	4.17	3.96	4.08	2.84	---	4.66	2.21	---	3.72	2.53
10	4.20	3.56	4.15	6.16	4.07	2.74	---	3.14	2.48	---	3.77	2.33
11	4.48	3.63	3.92	7.20	4.06	2.64	---	2.65	2.48	---	3.64	2.85
12	4.10	4.04	3.99	4.55	4.06	3.18	---	2.66	2.84	---	2.62	3.13
13	3.59	3.49	4.23	4.33	4.01	3.44	---	2.67	4.40	---	2.33	3.20
14	3.48	3.06	4.29	4.40	3.53	2.96	---	2.63	4.11	---	2.78	3.25
15	3.38	3.61	4.21	4.30	3.94	1.93	---	2.62	3.68	---	2.93	3.16
16	3.30	3.95	5.04	4.27	3.49	1.62	---	2.62	---	---	3.73	2.50
17	3.26	5.27	4.63	4.93	3.03	2.49	---	2.63	---	---	3.22	2.30
18	3.86	5.50	3.93	4.15	2.86	2.99	---	2.61	---	3.40	2.99	2.89
19	4.32	5.46	4.01	4.11	2.90	2.83	3.34	2.60	---	3.42	2.59	3.05
20	3.96	3.88	4.02	4.38	2.86	4.61	3.87	2.60	---	3.05	2.41	3.00
21	4.16	3.87	4.36	5.07	2.79	5.91	3.36	2.65	---	3.21	2.90	3.09
22	3.80	4.28	5.32	4.29	3.07	4.98	2.86	2.68	---	2.54	3.13	3.02
23	3.31	4.55	5.26	4.49	2.73	3.11	2.82	2.69	---	2.32	3.07	2.62
24	3.03	4.93	4.33	8.30	2.70	2.39	5.67	2.66	---	2.85	3.06	2.44
25	3.59	4.58	4.12	8.03	2.68	2.32	3.69	3.12	---	3.02	3.17	3.16
26	3.72	4.06	4.06	7.37	2.67	2.11	2.92	2.66	---	3.35	2.58	2.92
27	3.27	4.12	4.06	6.46	2.82	2.00	2.88	2.59	---	3.47	2.38	3.11
28	3.55	4.11	4.00	6.04	3.05	2.25	2.85	2.66	---	3.47	2.85	3.31
29	3.80	4.81	3.98	4.60	3.04	2.52	2.83	2.61	---	2.68	3.12	3.19
30	3.34	5.18	3.96	4.75	---	2.62	2.79	2.60	---	2.29	3.11	2.60
31	3.05	---	3.95	5.46	---	3.67	---	2.56	---	2.36	3.48	---
MEAN	3.57	4.09	4.35	4.94	3.74	3.03	---	2.80	---	---	2.98	2.91
MAX	4.48	5.50	5.47	8.30	5.87	5.91	---	4.66	---	---	3.77	3.31
MIN	2.84	3.06	3.78	3.91	2.67	1.62	---	2.56	---	---	2.26	2.30

MOBILE RIVER BASIN

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL

LOCATION.--Lat 32°26'23", long 86°11'44", in SE$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1090	2020	3740	2610	4600	2320	4590	1590	1300	1660	1240	2180
2	1130	2890	3400	2600	4400	2040	3870	1580	1270	2370	1280	1910
3	1190	2120	2920	2600	4090	1930	5490	1550	1330	2300	2090	1420
4	1170	2420	2420	2630	3960	2410	15500	1530	1340	2240	1810	1300
5	2020	2100	2420	2670	4040	3300	19000	1490	1370	2220	1250	1870
6	2890	1680	2860	2620	3100	3330	19500	1480	1380	1630	1160	1930
7	2730	1600	3900	2590	3790	2680	14100	1460	1340	2370	1130	1930
8	2570	e1600	3750	2590	3580	2360	13000	1450	1060	2200	2100	1760
9	2070	e2100	3310	2620	2870	1820	6880	3050	1110	1270	2330	1700
10	2520	e2000	2680	4290	2830	1970	4470	2930	1160	1180	2340	1270
11	4030	e2000	2680	7190	2820	2240	4240	1530	1230	2610	2460	1230
12	3420	e2600	2550	4800	2800	2800	3370	1440	1220	1960	2210	1770
13	2900	e2400	2860	3220	2810	3440	3400	1410	1640	2010	1250	1880
14	2540	e2800	3020	3350	2700	3230	3930	1400	3270	2010	1190	2040
15	2390	e2900	2940	3150	2820	2140	7220	1380	1650	1250	1620	2020
16	2270	2750	3240	3030	3120	1480	3120	1360	1670	1180	1580	1890
17	2190	2590	3340	3200	2470	1870	2750	1350	1960	1150	2560	1260
18	2150	e3400	2940	3330	2130	2360	2290	1350	1390	1770	1740	1240
19	2930	e3500	2730	2830	2100	2560	2040	1350	1350	1960	1760	1760
20	2860	e3100	2790	2810	2030	5680	2520	1340	1540	1960	1270	1810
21	2900	e2700	3150	3510	1920	8280	2610	1400	1310	1770	1220	1780
22	2860	e2800	4110	3250	1940	7560	1850	1460	1940	1930	1790	1900
23	2530	e2900	4640	3310	1920	5460	1740	1440	2530	1210	1800	1910
24	1960	3170	3910	6280	1740	3190	2060	1410	2500	1180	1650	1360
25	2130	3910	3100	9680	1690	2110	4530	1400	2190	1640	1800	1350
26	2220	e3000	2870	8150	1670	1800	1920	1700	2020	1810	1820	1960
27	2600	e2600	2790	6540	1810	1560	1750	1370	2290	2020	1240	1880
28	1940	e2600	2730	5180	2180	1470	1710	1460	2840	2110	1220	1850
29	2510	e3000	2670	4410	2390	1680	1660	1450	3080	2140	1670	2010
30	2580	3460	2650	3980	---	1780	1630	1370	2460	1240	1810	1910
31	1960	---	2620	4330	---	2950	---	1340	---	1200	1860	---
TOTAL	73250	78710	95730	123350	80320	89800	162740	47820	52740	55550	52250	52080
MEAN	2363	2624	3088	3979	2770	2897	5425	1543	1758	1792	1685	1736
MAX	4030	3910	4640	9680	4600	8280	19500	3050	3270	2610	2560	2180
MIN	1090	1600	2420	2590	1670	1470	1630	1340	1060	1150	1130	1230
CFSM	.51	.56	.66	.86	.60	.62	1.17	.33	.38	.39	.36	.37
IN.	.59	.63	.77	.99	.64	.72	1.30	.38	.42	.44	.42	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2000, BY WATER YEAR (WY)

MEAN	5036	5122	7888	9601	13030	13490	6402	3502	4183	3567	2745	2406
MAX	13100	10720	13940	14830	20630	25010	11180	5811	8156	6040	3592	3149
(WY)	1996	1996	1998	1998	1996	1998	1998	1997	1997	1999	1997	1996
MIN	2363	2624	3088	3979	2770	2897	2079	1543	1758	1792	1685	1736
(WY)	2000	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1996 - 2000	
ANNUAL TOTAL	1335760		964340			
ANNUAL MEAN	3660		2635		6388	
HIGHEST ANNUAL MEAN					9343	1996
LOWEST ANNUAL MEAN					2635	2000
HIGHEST DAILY MEAN	28000	Jun 29	19500	Apr 6	82000	Mar 10 1998
LOWEST DAILY MEAN	1090	Oct 1	1060	Jun 8	256	Oct 21 1997
ANNUAL SEVEN-DAY MINIMUM	1450	May 28	1210	Jun 6	1210	Jun 6 2000
INSTANTANEOUS PEAK FLOW			20800	Apr 6	90800	Mar 10 1998
INSTANTANEOUS PEAK STAGE			16.80	Apr 6	34.59	Mar 10 1998
ANNUAL RUNOFF (CFSM)	.79		.57		1.37	
ANNUAL RUNOFF (INCHES)	10.70		7.72		18.68	
10 PERCENT EXCEEDS	6010		3920		15500	
50 PERCENT EXCEEDS	2600		2180		3450	
90 PERCENT EXCEEDS	1530		1310		1560	

e Estimated

MOBILE RIVER BASIN

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, 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	2.64	3.85	5.52	4.47	6.28	4.16	6.25	3.26	2.93	3.37	3.00	3.95
2	2.68	4.71	5.20	4.46	6.11	3.86	5.61	3.24	2.90	4.09	3.05	3.68
3	2.75	3.95	4.75	4.45	5.83	3.75	6.93	3.22	2.96	4.03	3.92	3.14
4	2.73	4.25	4.28	4.48	5.71	4.24	13.99	3.19	2.98	3.98	3.63	3.01
5	3.68	3.93	4.27	4.53	5.78	5.09	15.90	3.15	3.01	3.96	3.00	3.62
6	4.59	3.49	4.70	4.47	4.93	5.12	16.15	3.14	3.02	3.35	2.90	3.69
7	4.50	3.40	5.66	4.45	5.54	4.50	13.25	3.12	2.97	4.11	2.87	3.69
8	4.39	---	5.52	4.45	5.36	4.18	12.51	3.11	2.65	3.94	3.91	3.51
9	3.90	---	5.12	4.47	4.70	3.63	8.04	4.72	2.71	2.95	4.14	3.45
10	4.34	---	4.53	5.98	4.67	3.79	6.04	4.61	2.77	2.85	4.15	2.96
11	5.76	---	4.53	8.35	4.66	4.06	5.82	3.19	2.85	4.35	4.27	2.91
12	5.20	---	4.40	6.44	4.64	4.61	5.03	3.09	2.84	3.72	4.02	3.51
13	4.71	---	4.70	5.05	4.65	5.21	5.07	3.06	3.31	3.77	3.00	3.63
14	4.36	---	4.85	5.17	4.54	5.02	5.49	3.05	4.92	3.78	2.91	3.79
15	4.22	---	4.77	4.98	4.65	3.95	8.26	3.02	3.33	2.95	3.40	3.77
16	4.10	4.56	5.05	4.87	4.93	3.24	4.81	3.00	3.34	2.88	3.35	3.62
17	4.02	4.40	5.14	5.04	4.32	3.67	4.45	2.98	3.64	2.85	4.35	2.93
18	3.97	---	4.78	5.15	3.97	4.17	3.99	2.99	3.03	3.53	3.52	2.91
19	4.75	---	4.57	4.69	3.94	4.38	3.75	2.98	2.99	3.74	3.55	3.48
20	4.68	---	4.63	4.67	3.88	7.13	4.22	2.98	3.20	3.75	3.00	3.54
21	4.72	---	4.98	5.31	3.75	9.16	4.31	3.05	2.95	3.55	2.94	3.51
22	4.68	---	5.85	5.08	3.77	8.62	3.54	3.11	3.63	3.72	3.57	3.62
23	4.36	---	6.31	5.13	3.74	6.98	3.43	3.10	4.22	2.94	3.58	3.63
24	3.79	4.98	5.67	7.59	3.55	4.98	3.74	3.06	4.20	2.90	3.42	3.04
25	3.96	5.65	4.93	10.20	3.50	3.92	6.06	3.05	3.89	3.43	3.57	3.03
26	4.06	---	4.72	9.06	3.48	3.60	3.62	3.37	3.72	3.61	3.59	3.69
27	4.43	---	4.64	7.85	3.63	3.34	3.43	3.01	3.99	3.84	2.95	3.61
28	3.77	---	4.59	6.76	4.01	3.23	3.39	3.11	4.54	3.93	2.93	3.57
29	4.34	---	4.53	6.11	4.23	3.47	3.34	3.10	4.76	3.96	3.43	3.73
30	4.41	5.26	4.50	5.74	---	3.57	3.30	3.01	4.17	3.00	3.57	3.63
31	3.79	---	4.48	6.04	---	4.73	---	2.98	---	2.96	3.63	---
MEAN	4.14	---	4.91	5.66	4.58	4.62	6.46	3.20	3.41	3.54	3.46	3.46
MAX	5.76	---	6.31	10.20	6.28	9.16	16.15	4.72	4.92	4.35	4.35	3.95
MIN	2.64	---	4.27	4.45	3.48	3.23	3.30	2.98	2.65	2.85	2.87	2.91

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 SW$^1/_4$ 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 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.-- October 1998 to present.
GAGE.--Water-stage recorder. Datum of gage is 210 ft above sea level (from topographic map).
REMARKS.--Estimated daily discharge: Oct. 1 to Dec. 2 (1999 water year). Records good except for estimated period, which is fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e150	e3.5	e3.9	4.5	14	4.3	6.6	2.3	6.0	9.8	3.7	2.8
2	e50	e3.7	e3.7	30	6.7	4.0	3.6	2.1	3.7	4.3	3.8	2.6
3	e20	e3.7	3.7	5.9	5.6	16	3.3	2.0	3.3	3.7	3.8	2.6
4	e10	e3.7	3.6	3.6	8.1	4.1	3.2	2.1	3.3	3.3	3.7	2.6
5	e7.2	e3.7	4.6	3.5	4.7	3.9	3.1	2.4	48	4.0	3.7	2.2
6	e5.2	e3.7	3.6	3.4	4.6	39	3.1	50	8.2	2.9	3.7	2.2
7	e6.5	e3.5	3.7	3.4	4.3	4.9	3.2	6.9	4.7	8.7	3.7	2.2
8	e5.5	e3.3	17	3.5	4.1	4.4	3.1	5.2	4.4	8.8	13	2.2
9	e4.3	e3.7	4.3	13	4.1	60	3.1	2.7	4.4	8.1	4.0	3.6
10	e4.1	e3.4	3.2	3.7	7.9	6.1	3.0	2.5	4.3	3.5	3.7	2.0
11	e3.9	e7.2	3.3	3.4	3.7	5.2	2.9	2.8	17	12	3.5	2.0
12	e3.6	e3.9	4.0	3.2	5.7	5.2	2.9	4.4	82	6.7	3.7	2.0
13	e3.1	e3.6	10	3.7	3.8	81	3.1	33	4.3	2.6	3.3	1.9
14	e3.4	e6.6	3.4	5.4	3.7	47	3.1	5.7	4.1	2.3	3.1	2.1
15	e3.1	e3.9	3.1	5.0	3.7	6.9	34	3.6	39	2.2	3.1	2.0
16	e3.4	e8.5	3.2	3.3	3.6	5.8	3.0	3.3	82	105	3.0	2.1
17	e3.2	e4.3	3.2	3.3	9.4	5.6	2.5	3.2	7.6	14	3.0	2.2
18	e3.1	e3.7	3.3	3.4	8.1	5.3	2.5	51	4.0	3.9	2.9	2.2
19	e3.1	e3.4	3.5	3.1	6.6	5.1	2.4	6.3	3.5	36	2.9	2.3
20	e3.4	e3.1	3.5	3.1	4.5	9.0	2.2	2.8	3.2	6.1	6.3	30
21	e3.4	e3.1	5.4	3.0	4.6	25	2.2	2.5	3.0	4.6	4.0	3.0
22	e3.1	e3.4	3.3	3.0	4.5	4.6	2.2	2.3	53	4.3	3.3	2.4
23	e3.1	e3.4	44	130	4.7	4.3	2.2	2.3	22	5.5	45	2.5
24	e3.0	e4.3	33	12	4.5	4.1	2.3	2.3	23	47	39	2.4
25	e3.2	e3.7	6.4	9.5	4.4	52	2.4	2.3	4.6	18	6.6	2.4
26	e3.4	e3.4	5.2	8.6	4.2	5.0	2.2	2.4	74	4.3	4.3	2.4
27	e3.4	e3.4	4.7	8.3	11	3.7	10	2.5	212	4.0	3.9	5.8
28	e3.4	e5.2	5.6	8.2	15	3.4	4.0	2.3	12	3.9	3.4	2.3
29	e3.1	e4.1	5.0	8.5	---	3.4	6.2	6.5	6.4	3.8	3.2	6.1
30	e3.7	e3.9	4.5	257	---	3.5	2.8	29	67	3.8	3.1	2.4
31	e3.5	---	4.5	60	---	36	---	43	---	3.7	2.8	---
TOTAL	332.4	122.0	213.4	619.5	169.8	467.8	130.4	291.7	814.0	350.8	200.2	105.5
MEAN	10.7	4.07	6.88	20.0	6.06	15.1	4.35	9.41	27.1	11.3	6.46	3.52
MAX	150	8.5	44	257	15	81	34	51	212	105	45	30
MIN	3.0	3.1	3.1	3.0	3.6	3.4	2.2	2.0	3.0	2.2	2.8	1.9
CFSM	1.22	.46	.78	2.27	.69	1.72	.49	1.07	3.09	1.29	.73	.40
IN.	1.41	.52	.90	2.62	.72	1.98	.55	1.23	3.44	1.48	.85	.45

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

MEAN	10.7	4.07	6.88	20.0	6.06	15.1	4.35	9.41	27.1	11.3	6.46	3.52
MAX	10.7	4.07	6.88	20.0	6.06	15.1	4.35	9.41	27.1	11.3	6.46	3.52
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	10.7	4.07	6.88	20.0	6.06	15.1	4.35	9.41	27.1	11.3	6.46	3.52
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

SUMMARY STATISTICS	FOR 1999 WATER YEAR	
ANNUAL TOTAL	3817.5	
ANNUAL MEAN	10.5	
HIGHEST DAILY MEAN	257	Jan 30
LOWEST DAILY MEAN	1.9	Sep 13
ANNUAL SEVEN-DAY MINIMUM	2.0	Sep 10
INSTANTANEOUS PEAK FLOW	758	Jan 30
INSTANTANEOUS PEAK STAGE	12.40	Jan 30
ANNUAL RUNOFF (CFSM)	1.19	
ANNUAL RUNOFF (INCHES)	16.16	
10 PERCENT EXCEEDS	22	
50 PERCENT EXCEEDS	3.7	
90 PERCENT EXCEEDS	2.4	

e Estimated

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

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	2.4	90	2.8	3.1	3.5	2.9	4.4	2.6	2.0	2.1	15	89
2	2.4	6.4	2.8	3.0	3.3	2.8	43	2.7	1.9	2.0	19	18
3	2.2	3.1	2.7	3.1	3.3	41	64	2.4	1.9	2.0	3.1	4.2
4	12	2.9	2.7	22	3.2	10	18	2.3	1.9	2.0	2.2	3.2
5	2.8	2.8	15	3.5	3.3	4.0	5.1	2.3	5.6	2.0	1.9	8.4
6	2.4	2.7	5.5	3.2	3.3	3.7	4.4	2.2	2.6	2.0	1.8	24
7	2.1	2.7	3.5	3.1	3.3	3.5	4.1	2.1	2.3	1.9	1.8	5.0
8	2.2	2.7	3.4	3.1	3.2	3.5	4.0	2.1	1.9	2.6	1.7	3.3
9	7.1	2.7	3.4	45	3.1	3.4	4.1	2.1	2.1	2.9	1.7	3.1
10	84	2.8	11	59	3.0	28	3.7	2.2	2.1	2.0	7.3	3.0
11	4.0	2.8	3.5	4.8	2.9	20	3.2	2.2	2.0	1.9	4.3	2.9
12	3.0	2.7	3.3	3.9	2.9	4.2	3.2	2.2	4.8	1.9	1.9	2.9
13	2.9	2.6	45	6.7	29	3.4	3.1	2.0	3.6	2.4	1.8	2.7
14	2.8	2.6	4.8	3.8	12	3.2	14	2.0	2.0	1.9	1.9	3.4
15	2.8	2.7	4.1	3.6	3.3	3.0	3.9	2.1	2.1	1.9	2.3	2.9
16	2.7	2.8	3.9	3.5	2.9	29	3.1	2.1	37	2.0	2.1	2.4
17	2.5	3.0	3.9	3.6	3.0	5.8	2.8	2.0	13	2.1	1.8	2.2
18	2.7	3.0	29	3.4	2.8	3.4	2.7	2.0	4.1	2.1	2.1	2.0
19	2.6	3.0	20	3.5	21	83	2.7	2.1	7.2	2.1	11	1.9
20	2.7	5.9	4.2	3.5	3.4	12	2.7	2.1	2.8	21	4.6	1.9
21	2.6	5.1	74	3.6	2.9	4.6	3.9	15	2.3	4.3	3.3	5.1
22	2.6	2.9	5.1	4.2	2.8	3.9	2.8	3.6	2.5	1.7	2.5	4.8
23	2.5	2.6	3.7	61	2.7	3.7	3.1	2.9	2.5	1.5	2.1	3.5
24	2.7	2.5	3.5	31	2.5	3.7	6.9	2.8	2.1	1.5	2.0	2.3
25	2.7	3.0	3.4	4.6	2.6	3.6	3.1	2.8	3.5	1.5	2.0	2.9
26	2.7	2.7	3.4	3.6	2.6	3.7	2.7	3.2	5.0	19	2.4	2.1
27	2.6	2.7	3.4	3.5	37	5.5	2.6	2.7	2.2	13	11	2.1
28	2.6	2.7	3.4	15	3.6	3.8	2.6	19	2.1	1.9	3.5	2.1
29	2.6	2.6	3.3	17	3.0	3.4	2.6	2.5	8.7	1.7	4.9	2.1
30	2.6	2.7	3.3	9.0	---	37	2.6	2.2	2.9	36	4.9	2.0
31	2.6	---	3.1	4.2	---	5.2	---	2.2	---	21	4.1	---
TOTAL	177.1	179.4	284.1	345.1	175.4	347.9	229.1	102.7	136.7	163.9	132.0	215.4
MEAN	5.71	5.98	9.16	11.1	6.05	11.2	7.64	3.31	4.56	5.29	4.26	7.18
MAX	84	90	74	61	37	83	64	19	37	36	19	89
MIN	2.1	2.5	2.7	3.0	2.5	2.8	2.6	2.0	1.9	1.5	1.7	1.9
CFSM	.65	.68	1.04	1.27	.69	1.28	.87	.38	.52	.60	.48	.82
IN.	.75	.76	1.20	1.46	.74	1.47	.97	.43	.58	.69	.56	.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	8.22	5.02	8.02	15.6	6.06	13.2	5.99	6.36	15.8	8.30	5.36	5.35
MAX	10.7	5.98	9.16	20.0	6.06	15.1	7.64	9.41	27.1	11.3	6.46	7.18
(WY)	1999	2000	2000	1999	1999	1999	2000	1999	1999	1999	1999	2000
MIN	5.71	4.07	6.88	11.1	6.05	11.2	4.35	3.31	4.56	5.29	4.26	3.52
(WY)	2000	1999	1999	2000	2000	2000	1999	2000	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	3790.3		2488.8			
ANNUAL MEAN	10.4		6.80		8.63	
HIGHEST ANNUAL MEAN					10.5	1999
LOWEST ANNUAL MEAN					6.80	2000
HIGHEST DAILY MEAN	257	Jan 30	90	Nov 1	257	Jan 30 1999
LOWEST DAILY MEAN	1.9	Sep 13	1.5	Jul 23-25	1.5	Jul 23-25 2000
ANNUAL SEVEN-DAY MINIMUM	2.0	Sep 10	2.0	Aug 12	2.0	Aug 12 2000
INSTANTANEOUS PEAK FLOW			650	Mar 19	758	Jan 30 1999
INSTANTANEOUS PEAK STAGE			10.83	Mar 19	12.40	Jan 30 1999
ANNUAL RUNOFF (CFSM)	1.18		.77		.98	
ANNUAL RUNOFF (INCHES)	16.04		10.53		13.33	
10 PERCENT EXCEEDS	24		15		17	
50 PERCENT EXCEEDS	3.6		3.0		3.4	
90 PERCENT EXCEEDS	2.4		2.0		2.1	

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, 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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
OCT											
26...	1100	14.7	17.0	766	2.18	2.7	104	102	10.7	105	7.3
NOV											
18...	0900	11.8	9.5	766	2.21	3.0	101	99	9.5	87	7.2
DEC											
21...	0930	11.6	12.0	759	3.63	55	64	67	10.1	93	7.5
JAN											
12...	0930	14.0	16.0	766	2.21	3.2	128	126	9.4	91	7.1
FEB											
03...	1100	9.1	--	764	2.18	3.1	103	104	11.9	103	6.9
MAR											
01...	1005	16.8	21.0	763	2.17	2.9	106	110	10.6	109	6.7
APR											
14...	1020	15.6	12.5	763	2.49	33	94	98	6.9	69	6.3
MAY											
30...	1100	22.6	24.8	762	2.12	2.4	122	120	6.9	80	7.2
JUN											
20...	0920	25.3	27.5	764	2.20	2.8	109	108	5.0	61	6.6
JUL											
06...	1000	25.7	32.5	761	2.17	2.0	104	103	7.6	93	7.0
AUG											
17...	1000	25.9	29.5	762	2.23	2.2	99	107	7.3	90	6.8
SEP											
27...	0930	17.9	--	766	2.13	2.1	104	106	7.6	80	6.9

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
OCT											
26...	7.3	0	37	30	--	--	1.3	1.2	.12	.10	.024
NOV											
18...	7.4	0	38	31	86	K51	1.4	--	--	--	<.020
DEC											
21...	7.8	0	26	21	K38000	K47000	1.0	.66	.76	.39	.022
JAN											
12...	7.3	0	43	36	310	340	1.2	1.2	--	--	<.020
FEB											
03...	7.4	0	38	31	53	75	1.3	--	--	--	<.020
MAR											
01...	7.5	0	43	35	160	91	.88	.86	--	--	<.020
APR											
14...	6.6	0	32	26	--	--	2.1	1.9	1.0	.87	.430
MAY											
30...	7.0	0	57	46	--	--	.61	.51	.30	.20	.038
JUN											
20...	7.6	0	51	42	K690	470	.75	.69	.40	.34	.093
JUL											
06...	7.8	0	48	39	260	180	.46	.39	--	--	<.020
AUG											
17...	7.3	0	36	30	--	140	.56	.51	--	--	<.020
SEP											
27...	7.4	0	46	38	--	50	.72	.65	.15	.10	.027

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 1999 TO SEPTEMBER 2000

DATE	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)
OCT											
26...	.016	1.10	.12	.15	1.11	.03	4.85	.053	--	.015	<.006
NOV											
18...	.013	1.15	E.10	.21	1.17	--	5.10	.043	--	.017	<.006
DEC											
21...	<.010	--	.41	.79	.250	.03	--	--	.739	.389	.290
JAN											
12...	<.010	--	.14	.14	1.05	--	--	--	--	.033	.007
FEB											
03...	<.010	--	E.10	.11	1.16	--	--	--	--	.016	<.006
MAR											
01...	<.010	--	.17	.19	.689	--	--	--	--	.021	.008
APR											
14...	.038	.604	1.3	1.5	.642	.55	2.67	.125	.209	.197	.108
MAY											
30...	<.010	--	.24	.34	.269	.05	--	--	--	.058	.017
JUN											
20...	.011	.243	.44	.50	.254	.12	1.08	.036	.086	.100	.056
JUL											
06...	<.010	--	.15	.22	.235	--	--	--	--	.037	.011
AUG											
17...	<.010	--	.18	.22	.336	--	--	--	--	.033	.009
SEP											
27...	<.010	--	.10	.17	.544	.03	--	--	--	.030	E.005

DATE	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
OCT											
26...	<.010	.98	.4	37	6	11.7	1.85	4.0	.3	18	1.7
NOV											
18...	<.010	.98	.5	34	3	10.7	1.72	3.4	.3	17	1.8
DEC											
21...	.241	6.4	2.0	26	4	8.96	.76	.9	.1	6	2.9
JAN											
12...	<.010	1.8	<.2	44	8	14.5	1.79	4.8	.3	18	1.9
FEB											
03...	<.010	.94	<.2	37	6	12.0	1.76	3.9	.3	18	1.7
MAR											
01...	<.010	1.4	.2	40	5	13.3	1.74	3.6	.2	16	1.7
APR											
14...	.068	18	1.0	34	8	11.9	1.12	2.4	.2	12	3.3
MAY											
30...	<.010	2.5	.3	47	--	15.4	2.02	3.5	.2	13	2.3
JUN											
20...	.028	5.9	.4	40	--	13.3	1.64	3.0	.2	13	2.5
JUL											
06...	<.010	1.7	.2	38	--	12.1	1.88	3.6	.3	16	1.5
AUG											
17...	<.010	1.7	.6	39	9	12.3	1.91	3.9	.3	17	1.8
SEP											
27...	<.010	1.6	.3	40	2	12.8	1.95	3.8	.3	17	1.6

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 1999 TO SEPTEMBER 2000

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT										
26...	5.0	3.3	<.1	13.1	90	67	66	64	.47	.09
NOV										
18...	4.8	2.8	<.1	13.3	20	58	62	63	.50	.08
DEC										
21...	1.3	2.5	<.1	3.1	70	8	49	35	7.28	.07
JAN										
12...	7.4	4.1	.1	12.6	60	67	85	73	.73	.12
FEB										
03...	5.0	4.5	<.1	12.4	110	67	61	65	.52	.08
MAR										
01...	4.7	4.2	<.1	12.1	110	72	67	66	.53	.09
APR										
14...	2.9	5.4	<.1	3.3	120	78	78	50	7.03	.11
MAY										
30...	4.9	2.8	<.1	14.8	270	145	81	75	.53	.11
JUN										
20...	3.8	3.9	<.1	9.2	360	155	72	64	.55	.10
JUL										
06...	4.5	2.6	<.1	10.6	130	40	68	62	.37	.09
AUG										
17...	5.4	2.7	<.1	12.6	80	40	70	60	.41	.10
SEP										
27...	5.3	3.3	<.1	12.7	40	59	69	67	.40	.09

DATE	TIME	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	LEAD, DISSOLVED (UG/L AS PB) (01049)
NOV									
18...	0900	<2.0	42	<1	<1.0	<.8	<1	<1	<1

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV								
18...	<1	<1	<1	6	<1	<1	<2.4	<1

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
OCT											
26...	<.007	<.002	.008	E.002	<.004	<.003	E.001	<.006	.004	E.002	E.021
NOV											
18...	<.007	<.002	.012	<.018	<.004	<.003	<.002	<.006	E.004	<.004	.018
DEC											
21...	<.007	<.002	7.13	E.010	<.004	<.003	<.002	<.006	.030	<.004	E.003
APR											
14...	<.007	<.150	.472	.029	<.004	<.003	<.002	<.006	.065	<.004	<.001
MAY											
30...	<.007	<.002	.014	.022	<.004	<.003	<.002	<.006	.018	.005	.009
JUN											
20...	<.007	<.002	.066	.044	<.004	<.003	<.002	<.006	.020	<.008	<.010
JUL											
06...	<.007	<.002	E.003	E.008	<.004	<.003	<.002	<.006	.006	<.004	.011
AUG											
17...	<.007	<.002	<.005	E.005	<.004	<.003	<.002	<.006	.008	<.004	.012
SEP											
27...	<.010	<.002	.028	E.004	<.018	<.003	<.005	<.002	.006	<.004	.011

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)	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)
OCT											
26...	E.004	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
NOV											
18...	.006	<.005	<.004	E.004	<.002	<.002	<.004	<.003	E.004	<.004	<.002
DEC											
21...	.005	.029	<.004	.132	<.002	<.002	<.004	<.003	E.001	<.004	<.002
APR											
14...	.014	9.58	<.004	1.01	<.002	<.002	<.004	<.003	<.005	<.004	<.002
MAY											
30...	.005	.009	<.004	.059	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUN											
20...	.007	.433	<.004	.082	<.002	<.002	<.004	<.003	E.003	<.004	<.002
JUL											
06...	E.002	<.005	<.004	.009	<.002	<.002	<.004	<.003	<.002	<.004	<.002
AUG											
17...	E.002	.024	<.004	.008	<.002	<.002	<.004	<.003	<.002	<.004	<.002
SEP											
27...	E.004	<.027	<.007	.012	<.002	<.004	<.006	<.002	<.009	<.009	<.011

MOBILE RIVER BASIN

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
OCT											
26...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	E.003	<.013	<.003
NOV											
18...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
DEC											
21...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	E.001	<.003	<.013	<.003
APR											
14...	<.007	<.002	<.006	<.010	<.004	<.020	<.003	<.005	<.003	<.013	<.003
MAY											
30...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUN											
20...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUL											
06...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
AUG											
17...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
SEP											
27...	<.034	<.035	<.006	<.025	<.002	<.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)
OCT											
26...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
NOV											
18...	<.017	E.002	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
DEC											
21...	<.017	<.001	<.004	E.018	<.002	<.002	.031	<.003	<.013	<.001	<.005
APR											
14...	<.017	<.001	<.004	E.42	<.002	<.002	.077	<.003	<.013	<.001	<.005
MAY											
30...	<.017	<.001	<.004	E.027	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUN											
20...	<.017	<.001	<.004	E.024	<.002	<.002	<.004	<.003	--	<.010	<.005
JUL											
06...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
AUG											
17...	<.017	<.001	<.004	E.005	<.002	<.002	<.004	<.003	<.040	<.001	<.005
SEP											
27...	<.021	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.023	<.050	<.006

02419977 THREE MILE BRANCH AT NORTH BOULEVARD AT MONTGOMERY, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
26...	1100	2.7	5	.04	89
NOV					
18...	0900	3.0	8	.06	93
DEC					
21...	0930	55	70	10	58
JAN					
12...	0930	3.2	4	.03	74
FEB					
03...	1100	3.1	3	.03	62
MAR					
01...	1005	2.9	2	.02	80
APR					
14...	1020	33	23	2.1	52
MAY					
30...	1100	2.4	3	.02	82
JUN					
20...	0920	2.8	7	.05	67
JUL					
06...	1000	2.0	4	.02	88
AUG					
17...	1000	2.2	3	.02	88
SEP					
27...	0930	2.1	3	.02	92

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 SE$^1/_4$NE$^1/_4$SW$^1/_4$ 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 mi^2.
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, 33.32 ft, Apr. 6; minimum gage height, 20.00 ft, Nov. 22, July 9.

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	21.79	21.88	22.24	20.99	21.73	21.59	22.13	21.58	22.18	21.41	21.31	21.46
2	21.73	21.52	22.33	20.90	22.16	22.17	22.90	21.50	22.10	21.40	21.12	21.66
3	21.67	21.85	21.79	21.11	22.11	21.96	25.10	21.63	21.93	21.39	21.18	21.27
4	21.70	21.92	21.76	21.66	22.19	21.95	30.14	21.86	21.96	21.43	21.21	21.30
5	22.06	22.07	22.22	22.17	21.93	21.98	32.78	22.13	21.97	21.47	21.05	21.25
6	21.89	22.16	21.91	21.86	21.79	22.12	33.06	21.89	21.73	21.47	20.83	21.34
7	22.02	21.80	22.17	21.66	21.80	21.91	31.37	21.76	21.52	21.46	20.75	21.42
8	22.01	21.68	22.09	21.46	21.89	21.85	30.54	21.95	21.49	21.31	20.78	21.39
9	21.76	21.67	21.58	21.87	21.90	21.67	28.17	22.21	21.30	20.37	21.00	21.09
10	22.21	21.96	21.59	23.11	21.81	21.86	26.12	21.32	21.14	20.36	21.16	20.90
11	22.04	22.34	21.97	22.96	21.55	22.67	25.34	21.14	21.04	20.72	21.77	20.96
12	22.11	22.16	21.97	22.22	21.83	22.44	24.88	21.56	21.06	21.08	22.00	20.84
13	22.07	21.84	22.17	22.16	21.95	22.18	23.81	21.80	21.12	21.35	21.77	20.68
14	21.78	21.77	21.83	22.17	21.76	22.18	22.17	21.84	21.24	21.62	21.30	20.84
15	21.90	22.29	21.79	21.81	22.07	22.21	22.07	21.92	21.29	21.51	21.21	20.99
16	21.96	22.09	21.91	21.56	22.31	22.36	21.46	22.01	21.44	21.25	21.34	21.02
17	21.67	21.55	21.81	22.00	22.21	22.05	22.06	21.83	---	21.02	21.73	20.93
18	21.66	21.48	21.29	21.94	21.94	21.91	21.62	21.87	---	20.96	21.49	20.90
19	21.43	21.92	21.82	21.93	21.64	22.61	21.20	21.82	---	21.11	21.34	20.79
20	21.75	22.51	22.03	21.95	21.72	24.83	21.40	22.06	21.51	21.22	21.14	20.88
21	21.98	22.19	21.78	21.96	21.58	25.21	21.56	22.32	21.07	21.21	21.04	20.80
22	22.14	21.23	22.28	21.46	22.10	25.07	21.81	21.94	21.02	21.03	21.04	20.98
23	21.82	20.57	22.12	22.53	21.54	24.65	21.80	21.81	21.03	20.98	21.15	20.84
24	21.76	21.87	21.73	22.59	21.13	24.18	21.80	21.90	21.02	20.88	21.25	20.81
25	22.03	22.14	21.36	22.78	21.41	22.84	21.42	21.94	20.99	20.75	21.39	20.67
26	22.00	22.24	21.64	21.89	21.33	22.30	21.36	21.96	21.02	20.47	21.41	20.54
27	21.40	22.41	21.62	22.15	21.71	22.01	21.44	21.58	20.84	20.78	21.33	20.70
28	21.45	22.01	22.03	22.45	22.18	22.22	21.54	22.06	20.90	21.03	21.23	20.97
29	21.49	21.99	21.91	21.52	22.06	22.20	21.73	22.13	21.13	21.14	21.15	21.10
30	21.52	21.88	21.62	21.92	---	21.93	21.60	22.07	21.39	21.12	21.15	21.18
31	21.89	---	21.27	21.95	---	21.81	---	22.15	---	21.15	20.99	---
MEAN	21.83	21.90	21.86	21.96	21.84	22.55	24.15	21.86	---	21.11	21.25	21.02
MAX	22.21	22.51	22.33	23.11	22.31	25.21	33.06	22.32	---	21.62	22.00	21.66
MIN	21.40	20.57	21.27	20.90	21.13	21.59	21.20	21.14	---	20.36	20.75	20.54

CAL YR 1999 MEAN 22.41 MAX 31.99 MIN 20.57

02421000 CATOMA CREEK NEAR MONTGOMERY, AL

LOCATION.--Lat 32°18'26", long 86°17'58", in SE$^1/_4$NW$^1/_4$ 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 mi^2.
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.--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.--Flood of Nov. 28, 1948, reached a stage of 27.5 ft at present site and datum; discharge, 38,300 ft^3/s.

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	.34	148	2.2	18	244	101	348	14	2.1	4.4	28	248
2	.38	95	2.6	17	154	74	152	13	1.7	3.5	100	46
3	.34	68	2.7	15	108	71	301	10	1.5	2.8	43	25
4	17	62	2.5	72	84	155	714	9.0	1.2	1.8	9.0	4.0
5	8.7	40	48	45	69	102	462	8.5	1.1	1.1	3.3	3.9
6	.90	25	64	30	59	81	224	8.8	1.2	.71	1.8	40
7	.44	15	25	34	50	63	130	8.9	1.1	.47	1.4	34
8	.81	9.2	8.9	27	43	52	93	7.1	.84	1.6	1.0	14
9	10	6.9	4.2	75	38	45	71	5.7	3.8	19	1.3	6.5
10	208	4.7	23	1060	35	95	59	4.4	3.9	15	6.3	3.6
11	96	4.9	9.4	843	33	258	52	4.0	2.4	5.9	11	2.8
12	163	4.8	8.4	215	32	370	47	3.2	2.2	2.2	2.2	5.6
13	89	3.6	118	110	53	179	46	2.7	7.4	1.1	1.1	5.1
14	47	2.8	56	73	310	105	66	2.1	2.2	.77	.62	29
15	28	2.6	29	50	258	75	50	1.6	1.7	.42	.59	35
16	15	2.9	29	40	140	115	54	1.4	29	.26	.55	13
17	9.2	2.5	22	31	91	445	53	1.4	54	.19	.44	4.1
18	6.4	2.5	34	25	69	456	41	1.3	12	.15	.24	2.0
19	4.3	2.2	142	20	71	646	36	1.2	9.2	.22	2.8	1.0
20	3.4	13	74	18	59	2440	31	1.2	9.5	4.9	5.2	.76
21	3.9	22	325	14	49	2130	29	19	2.8	19	.70	28
22	3.0	11	456	13	40	1130	24	22	22	3.1	.16	42
23	2.5	3.4	300	518	34	329	21	2.4	8.5	.71	.05	25
24	2.1	2.0	120	1490	30	181	26	.93	2.0	.39	.02	9.1
25	1.7	2.9	73	1250	27	131	21	.85	4.9	.37	.05	4.0
26	1.7	7.0	52	646	26	105	17	1.7	55	3.1	.03	2.4
27	2.1	3.1	40	210	129	101	20	1.6	30	55	.03	1.4
28	1.9	2.6	33	138	130	90	17	41	7.9	3.8	.77	.94
29	1.9	2.5	28	244	149	81	13	15	11	.74	.12	.86
30	1.9	2.3	23	341	---	337	12	6.9	14	32	.17	1.3
31	1.9	---	21	353	---	711	---	3.1	---	21	.06	---
TOTAL	732.81	574.4	2175.9	8035	2614	11254	3230	223.98	306.14	205.70	222.00	638.36
MEAN	23.6	19.1	70.2	259	90.1	363	108	7.23	10.2	6.64	7.16	21.3
MAX	208	148	456	1490	310	2440	714	41	55	55	100	248
MIN	.34	2.0	2.2	13	26	45	12	.85	.84	.15	.02	.76
CFSM	.08	.07	.24	.89	.31	1.25	.37	.02	.04	.02	.02	.07
IN.	.09	.07	.28	1.03	.34	1.44	.41	.03	.04	.03	.03	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2000, BY WATER YEAR (WY)

MEAN	84.7	143	401	597	928	970	551	231	153	136	71.0	115
MAX	867	1007	1643	1435	4094	2479	2665	1505	2417	1710	566	958
(WY)	1976	1993	1954	1990	1961	1990	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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1952 - 2000	
ANNUAL TOTAL	74106.97		30212.29			
ANNUAL MEAN	203		82.5		363	
HIGHEST ANNUAL MEAN					778	1975
LOWEST ANNUAL MEAN					82.5	2000
HIGHEST DAILY MEAN	4190	Feb 1	2440	Mar 20	39500	Mar 17 1990
LOWEST DAILY MEAN	.34	Oct 1	.02	Aug 24	.00	Many days
ANNUAL SEVEN-DAY MINIMUM	.76	Sep 13	.15	Aug 21	.00	Several times
INSTANTANEOUS PEAK FLOW			2780	Mar 21	49100	Mar 17 1990
INSTANTANEOUS PEAK STAGE			13.25	Mar 21	29.78	Mar 17 1990
ANNUAL RUNOFF (CFSM)	.70		.28		1.25	
ANNUAL RUNOFF (INCHES)	9.51		3.88		17.00	
10 PERCENT EXCEEDS	417		180		897	
50 PERCENT EXCEEDS	46		15		40	
90 PERCENT EXCEEDS	2.2		.86		1.7	

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 NW$^1/_4$ 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 mi^2.

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--October 1998 to current year.
GAGE.--Water-stage recorder. Datum of gage is 225 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	1.8	.11	3.0	24	12	16	2.3	.42	.25	.00	2.3
2	.02	7.6	.10	2.9	18	11	14	2.1	.22	.08	.00	16
3	.02	8.4	.10	3.0	15	8.9	18	2.0	.16	.03	15	2.1
4	.02	2.6	.12	3.6	13	10	48	1.8	.18	.02	2.8	.58
5	.03	1.3	.29	7.8	11	18	34	1.7	.27	.01	.70	.33
6	.02	.78	.86	5.3	9.5	11	18	1.5	.32	.01	.52	.48
7	.02	.56	1.3	3.8	9.8	8.8	13	1.4	.21	.01	.17	.49
8	.02	.49	.83	3.3	8.7	7.7	10	1.2	.12	.00	.09	1.5
9	.05	.42	.20	3.2	8.0	6.9	8.5	1.1	.07	.00	.08	.75
10	2.0	.31	.11	32	7.5	6.9	7.3	.96	.05	.00	.04	.47
11	34	.22	.08	21	9.2	24	7.3	.94	.03	.00	.03	.33
12	8.1	.18	.15	11	12	51	6.4	.92	.02	.00	.02	.24
13	3.4	.11	1.8	7.9	14	22	5.9	.85	.02	.00	.01	.17
14	2.1	.08	5.2	7.0	62	15	6.8	.73	.02	.00	.01	.16
15	1.7	.12	1.5	6.8	29	12	10	.60	.03	.00	.00	.15
16	1.4	.15	.22	5.3	17	13	8.4	.51	.39	.00	.00	.09
17	1.1	.15	.08	4.5	14	179	6.3	.47	.88	.00	.00	.05
18	.94	.14	2.6	4.4	12	69	5.1	.41	1.4	.00	.00	.02
19	.85	.13	11	4.8	11	125	4.3	.33	1.2	.00	.00	.02
20	.83	.17	19	6.3	9.7	909	4.0	.35	2.6	.00	.00	.01
21	.83	.16	25	5.7	7.9	322	3.9	.42	4.2	.00	.00	.01
22	.85	.18	40	4.6	6.9	63	3.7	.33	1.4	.00	.00	.01
23	.94	.31	14	61	6.3	39	3.4	.30	.82	.00	.00	.01
24	1.0	.09	8.5	165	6.4	29	3.3	.31	.59	.00	.00	.01
25	1.0	.07	6.4	79	6.4	24	4.4	.29	.75	.00	.00	.01
26	.97	.19	5.1	27	5.8	21	4.2	.51	1.1	.00	.00	.02
27	1.0	.71	4.1	18	14	20	3.2	.43	.80	.00	.00	.01
28	.91	1.1	4.0	15	26	23	2.9	.50	.60	.00	.00	.01
29	.99	.61	3.6	31	16	17	3.0	.52	.50	.00	.00	.00
30	1.1	.22	3.3	40	---	16	2.8	.47	.57	.00	.00	.00
31	.91	---	3.0	38	---	21	---	.45	---	.00	.00	---
TOTAL	67.15	29.35	162.65	631.2	410.1	2115.2	286.1	26.70	19.94	0.41	19.47	26.33
MEAN	2.17	.98	5.25	20.4	14.1	68.2	9.54	.86	.66	.013	.63	.88
MAX	34	8.4	40	165	62	909	48	2.3	4.2	.25	15	16
MIN	.02	.07	.08	2.9	5.8	6.9	2.8	.29	.02	.00	.00	.00
CFSM	.04	.02	.09	.34	.24	1.15	.16	.01	.01	.00	.01	.01
IN.	.04	.02	.10	.40	.26	1.33	.18	.02	.01	.00	.01	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	15.3	3.14	4.98	42.5	33.4	89.5	27.5	20.8	46.7	25.1	1.68	.64
MAX	28.5	5.30	5.25	64.6	53.2	111	45.4	40.7	92.8	50.2	2.73	.88
(WY)	1999	1999	2000	1999	1999	1999	1999	1999	1999	1999	1999	2000
MIN	2.17	.98	4.72	20.4	14.1	68.2	9.54	.86	.66	.013	.63	.41
(WY)	2000	2000	1999	2000	2000	2000	2000	2000	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	14245.78		3794.60			
ANNUAL MEAN	39.0		10.4		26.0	
HIGHEST ANNUAL MEAN					41.6	1999
LOWEST ANNUAL MEAN					10.4	2000
HIGHEST DAILY MEAN	1610	Jun 28	909	Mar 20	1610	Jun 28 1999
LOWEST DAILY MEAN	.02	Oct 2-4,6-8	.00	Jul, Aug, Sep	.00	2000 WY
ANNUAL SEVEN-DAY MINIMUM	.02	Oct 2	.00	Jul 8	.00	Jul 8 2000
INSTANTANEOUS PEAK FLOW			992	Mar 20	2500	Jun 28 1999
INSTANTANEOUS PEAK STAGE			13.09	Mar 20	15.11	Jun 28 1999
ANNUAL RUNOFF (CFSM)	.66		.17		.44	
ANNUAL RUNOFF (INCHES)	8.94		2.38		5.95	
10 PERCENT EXCEEDS	65		18		38	
50 PERCENT EXCEEDS	6.4		.94		4.5	
90 PERCENT EXCEEDS	.17		.00		.03	

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
OCT											
22...	0910	13.9	11.5	758	3.74	.85	178	180	5.1	50	7.5
NOV											
23...	0930	13.7	17.0	763	4.00	.29	208	202	3.7	36	7.5
DEC											
20...	1000	10.4	15.0	763	4.44	19	191	195	10.1	90	7.9
JAN											
13...	0915	13.5	22.5	764	4.15	8.2	191	187	8.2	78	7.6
FEB											
02...	1100	5.3	7.0	768	4.42	18	211	215	11.1	87	7.6
MAR											
02...	1155	13.3	19.5	763	4.23	9.3	228	231	10.8	103	7.3
APR											
13...	1025	17.1	21.5	763	4.09	5.4	238	246	7.9	82	7.3
MAY											
04...	0830	19.4	20.5	764	3.83	1.7	235	244	5.4	59	7.7
JUN											
22...	1010	25.0	31.5	761	3.82	1.3	222	221	4.2	51	7.5
SEP											
12...	0930	22.8	25.0	760	3.74	.22	116	115	2.2	26	6.9

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)
OCT										
22...	7.7	0	73	60	--	--	.44	.39	--	--
NOV										
23...	7.2	0	91	74	270	180	--	--	--	--
DEC										
20...	7.6	0	81	66	--	--	--	--	--	--
JAN										
13...	7.5	0	73	60	510	710	--	--	--	--
FEB										
02...	7.7	0	73	60	270	300	--	--	--	--
MAR										
02...	7.9	0	88	72	130	130	--	--	--	--
APR										
13...	7.3	0	111	99	100	65	--	--	.34	.26
MAY										
04...	7.5	0	120	99	--	78	.20	.34	.07	.21
JUN										
22...	7.1	0	126	103	K55	77	.56	.47	.43	.33
SEP										
12...	7.0	0	44	36	--	51	.57	.51	.45	.39

02421115 PINTLALLA CREEK AT LIBERTY CHURCH ROAD NEAR PINTLALLA, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
OCT										
22...	<.020	<.010	.33	.38	.063	--	.043	.084	.025	.014
NOV										
23...	<.020	<.010	.25	.37	<.050	--	.058	.099	.027	.019
DEC										
20...	<.020	<.010	.27	.52	<.050	--	.043	.117	.033	.014
JAN										
13...	<.020	<.010	.36	.58	<.050	--	.086	.118	.043	.028
FEB										
02...	<.020	<.010	.27	.42	<.050	--	.043	.085	.029	.014
MAR										
02...	<.020	<.010	.30	1.0	<.050	--	.034	.071	.023	.011
APR										
13...	.028	<.010	.29	.36	<.050	.04	--	.054	.016	<.010
MAY										
04...	.062	<.010	.27	.13	.070	.08	--	.059	.015	<.010
JUN										
22...	.075	<.010	.41	.50	.060	.10	.046	.091	.030	.015
SEP										
12...	.069	<.010	.46	.52	.052	.09	.150	.161	.072	.049

DATE	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
OCT										
22...	7.3	.3	74	14	26.3	2.03	3.4	.2	9	3.5
NOV										
23...	7.7	--	87	13	30.7	2.57	3.9	.2	8	3.9
DEC										
20...	7.1	.7	78	12	27.9	2.15	5.3	.3	12	2.9
JAN										
13...	9.2	1.0	76	17	27.4	1.93	4.7	.2	11	2.8
FEB										
02...	8.0	.3	87	27	31.5	2.05	5.6	.3	12	1.9
MAR										
02...	8.2	.4	94	22	34.2	2.10	6.5	.3	13	1.9
APR										
13...	6.0	.2	110	16	39.0	2.31	5.2	.2	9	1.7
MAY										
04...	4.7	.2	100	3	37.1	2.25	5.0	.2	9	1.7
JUN										
22...	6.7	.2	94	--	33.8	2.29	5.1	.2	10	2.4
SEP										
12...	9.0	.4	46	10	16.3	1.26	2.1	.1	9	3.1

MOBILE RIVER BASIN

02421115 PINTLALLA CREEK AT LIBERTY CHURCH ROAD NEAR PINTLALLA, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT										
22...	5.0	15.2	.1	7.3	60	22	114	99	.26	.16
NOV										
23...	5.7	12.3	.1	8.2	40	55	134	112	.10	.18
DEC										
20...	6.5	12.5	<.1	9.5	80	9	127	107	6.45	.17
JAN										
13...	7.6	17.4	.1	7.5	90	14	129	106	2.86	.18
FEB										
02...	9.1	23.6	<.1	7.8	100	14	135	118	6.38	.18
MAR										
02...	8.8	18.4	<.1	5.1	120	18	148	120	3.72	.20
APR										
13...	7.0	14.8	<.1	6.5	70	28	152	131	2.22	.21
MAY										
04...	6.1	11.0	.1	4.9	30	75	139	128	.65	.19
JUN										
22...	6.4	1.7	.2	5.2	40	62	135	120	.47	.18
SEP										
12...	2.6	10.4	<.1	5.8	360	98	82	64	.05	.11

DATE	TIME	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	LEAD, DISSOLVED (UG/L AS PB) (01049)
NOV									
23...	0930	E1.1	23	<1	<1.0	<.8	<1	<1	<1

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV								
23...	<1	<1	<1	<1	<1	2	<2.4	<1

02421115 PINTLALLA CREEK AT LIBERTY CHURCH ROAD NEAR PINTLALLA, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
22...	0910	.85	6	.01	61
NOV					
23...	0930	.29	6	.00	97
DEC					
20...	1000	19	25	1.3	99
JAN					
13...	0915	8.2	14	.31	93
FEB					
02...	1100	18	12	.57	87
MAR					
02...	1155	9.3	11	.28	77
APR					
13...	1025	5.4	10	.15	85
MAY					
04...	0830	1.7	10	.05	95
JUN					
22...	1010	1.3	8	.03	89
SEP					
12...	0930	.22	10	.01	94

MOBILE RIVER BASIN

02422500 MULBERRY CREEK AT JONES, AL

LOCATION.--Lat 32°34'58", long 86°54'13", in NW$^1/_4$SE$^1/_4$ 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 mi^2.
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 ft^3/s, from rating curve extended above 30,000 ft^3/s.

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	77	151	79	97	209	165	208	138	73	59	66	27
2	68	385	80	98	194	154	296	134	70	53	54	29
3	65	165	82	98	186	150	1610	130	68	50	55	31
4	280	101	80	137	183	203	2940	126	65	47	60	32
5	303	86	91	155	175	170	885	121	86	45	64	29
6	88	80	131	112	170	150	566	126	134	43	46	37
7	59	77	107	102	169	142	457	116	99	41	41	52
8	52	74	92	97	167	138	377	111	77	41	37	48
9	59	73	89	166	164	137	322	106	71	40	38	45
10	327	72	101	1070	163	140	296	103	66	43	37	42
11	292	73	106	469	163	269	278	102	63	40	69	38
12	122	73	97	288	162	368	269	101	60	37	81	34
13	91	73	349	253	162	217	276	97	59	35	55	36
14	82	75	313	247	191	178	278	91	67	34	46	38
15	75	75	146	215	169	164	280	86	73	34	42	36
16	72	74	110	205	154	168	252	83	78	32	38	33
17	70	74	98	205	151	203	230	83	97	31	35	30
18	65	74	95	203	151	170	213	82	93	31	33	29
19	63	75	135	198	178	406	201	80	83	31	33	28
20	66	89	135	208	173	1220	191	80	74	31	32	28
21	67	135	235	192	152	461	189	112	67	33	30	30
22	67	108	256	182	145	323	180	163	63	31	30	41
23	65	90	146	331	143	271	174	124	63	31	30	44
24	64	85	120	306	142	242	190	95	58	30	29	41
25	64	84	109	218	139	223	188	86	55	29	28	41
26	65	91	105	195	139	218	168	83	58	29	27	41
27	66	90	103	181	281	246	159	79	81	34	29	43
28	67	87	102	202	307	294	154	132	71	51	29	35
29	66	83	100	347	191	222	153	140	63	37	29	33
30	65	80	98	307	---	279	145	93	64	37	28	32
31	65	---	97	237	---	246	---	79	---	61	26	---
TOTAL	3097	2952	3987	7321	5073	7937	12125	3282	2199	1201	1277	1083
MEAN	99.9	98.4	129	236	175	256	404	106	73.3	38.7	41.2	36.1
MAX	327	385	349	1070	307	1220	2940	163	134	61	81	52
MIN	52	72	79	97	139	137	145	79	55	29	26	27
CFSM	.49	.48	.63	1.16	.86	1.26	1.99	.52	.36	.19	.20	.18
IN.	.57	.54	.73	1.34	.93	1.45	2.22	.60	.40	.22	.23	.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

MEAN	106	176	297	423	545	656	564	284	189	185	174	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	39.1	75.0	92.7	111	168	137	87.2	70.2	50.2	38.7	41.2	32.3
(WY)	1955	1979	1939	1981	1986	1986	1986	1999	1988	2000	2000	1954

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	69483		51534			
ANNUAL MEAN	190		141		308	
HIGHEST ANNUAL MEAN					546	1975
LOWEST ANNUAL MEAN					105	1986
HIGHEST DAILY MEAN	5010	Jan 31	2940	Apr 4	27100	Aug 16 1939
LOWEST DAILY MEAN	39	Jun 11	26	Aug 31	26	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	48	Jun 5	28	Aug 26	28	Aug 26 2000
INSTANTANEOUS PEAK FLOW			4240	Apr 4	32800	Aug 16 1939
INSTANTANEOUS PEAK STAGE			8.84	Apr 4	30.38	Aug 16 1939
ANNUAL RUNOFF (CFSM)	.94		.69		1.52	
ANNUAL RUNOFF (INCHES)	12.73		9.44		20.62	
10 PERCENT EXCEEDS	341		272		602	
50 PERCENT EXCEEDS	102		91		163	
90 PERCENT EXCEEDS	58		33		72	

MOBILE RIVER BASIN

MOBILE RIVER MAIN STEM

02423000 ALABAMA RIVER AT SELMA, AL

LOCATION.--Lat 32°24'20", long 87°01'07", in SE$^1/_4$NW$^1/_4$ 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 mi^2.

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 ft^3/s, 20.78 in/yr.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 284,000 ft^3/s, Mar. 1, 1961, gage height, 57.97 ft; minimum discharge observed, 2,660 ft^3/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 ft^3/s), present site and datum, from floodmarks established by U.S. Army Corps of Engineers.
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 37.40 ft, Apr. 7; minimum gage height, 16.82 ft, July 31.

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	18.22	18.32	18.91	18.80	19.28	19.24	19.37	19.11	18.74	18.23	17.35	18.04
2	18.30	18.64	18.73	18.69	18.64	19.01	19.64	19.24	18.83	18.22	17.71	18.20
3	18.23	19.08	18.87	18.12	19.24	18.61	23.58	19.33	18.69	18.04	17.83	17.85
4	18.28	19.02	18.70	17.92	19.29	18.88	30.39	19.18	18.66	17.99	17.97	17.81
5	18.42	18.81	18.64	18.27	18.92	18.89	35.48	19.25	18.65	17.96	18.15	17.86
6	18.67	18.72	18.60	18.77	18.97	19.09	37.07	19.16	18.70	18.01	18.15	17.93
7	18.54	18.66	18.81	18.78	19.01	19.31	36.80	19.11	18.58	17.99	18.22	17.92
8	18.90	18.41	19.33	18.23	19.03	18.89	35.20	19.07	18.47	18.37	18.19	18.16
9	18.74	18.32	18.97	18.21	18.71	18.50	33.30	19.23	18.47	18.52	18.09	18.26
10	19.27	18.20	18.20	20.30	18.66	18.59	28.77	19.30	18.42	18.36	18.13	18.24
11	19.12	18.47	18.05	21.92	18.97	19.28	25.54	18.89	18.32	18.20	18.05	18.23
12	18.43	18.80	17.98	20.53	18.93	20.75	24.53	18.67	18.08	17.98	18.12	18.24
13	18.67	18.79	18.66	19.28	18.93	20.17	23.64	18.70	18.13	17.78	18.32	18.24
14	18.31	18.70	19.38	19.48	19.30	20.51	21.16	18.75	18.13	17.69	18.47	18.24
15	18.23	18.46	19.13	19.00	19.37	20.68	20.22	18.72	18.18	17.67	18.33	18.21
16	18.59	18.38	19.32	18.13	19.53	20.53	19.31	18.60	18.17	17.72	18.35	18.17
17	18.76	18.37	19.11	18.30	19.55	20.14	19.90	18.86	18.12	17.68	18.49	18.13
18	18.73	18.70	18.47	18.82	19.36	19.16	19.96	18.80	18.18	17.62	18.43	18.04
19	18.80	18.92	17.89	18.89	18.42	19.38	18.84	18.81	18.40	17.63	18.56	17.96
20	18.63	18.87	18.36	18.58	18.29	24.10	18.62	18.76	18.45	17.63	18.46	17.90
21	18.58	18.81	19.00	18.65	18.50	26.16	19.16	18.81	18.63	17.47	18.38	17.95
22	18.48	18.95	19.54	18.74	18.90	25.91	19.19	19.25	18.53	17.47	18.33	17.95
23	18.43	19.13	19.74	---	19.03	25.41	19.43	19.09	18.45	17.48	18.20	18.06
24	18.55	19.34	19.16	---	18.34	23.92	19.42	19.21	18.48	17.36	18.18	18.05
25	18.34	19.09	18.82	---	18.27	21.79	19.15	19.11	18.47	17.46	18.18	18.07
26	18.36	19.13	18.26	21.13	18.33	19.98	18.77	19.20	18.41	17.39	18.09	18.05
27	18.56	19.19	18.11	19.74	18.47	19.43	18.96	19.00	18.39	17.37	18.02	17.99
28	19.19	19.16	18.12	19.76	19.58	19.12	18.73	---	18.36	17.43	17.97	17.91
29	18.29	18.99	18.50	20.24	20.02	19.15	19.01	---	18.38	17.38	17.97	17.89
30	18.23	19.18	18.95	19.93	---	19.58	19.28	---	18.26	17.27	18.03	17.92
31	18.20	---	19.01	19.80	---	19.42	---	---	---	17.27	17.80	---
MEAN	18.55	18.79	18.75	---	18.96	20.44	23.41	---	18.42	17.76	18.15	18.05
MAX	19.27	19.34	19.74	---	20.02	26.16	37.07	---	18.83	18.52	18.56	18.26
MIN	18.20	18.20	17.89	---	18.27	18.50	18.62	---	18.08	17.27	17.35	17.81

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 1999 TO SEPTEMBER 2000

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					
06...	1000	25.0	100000	137	37000
06...	1010	50.0	100000	162	43700
06...	1020	75.0	100000	167	45100
12...	0930	25.0	40000	28	3020
12...	0940	50.0	40000	34	3670
12...	0945	75.0	40000	99	10700

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL

LOCATION.--Lat 33°37'20", long 86°35'58", in SW$^1/_4$ 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 mi^2.

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.--No estimated daily discharges. 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.

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	.05	19	1.8	3.0	19	22	22	7.6	2.0	.38	.03	.73
2	.00	16	1.5	16	15	19	283	7.1	2.2	.26	100	.74
3	.11	5.0	1.4	21	13	17	2000	6.7	2.1	.21	2.2	.35
4	7.7	2.8	1.5	73	12	22	583	6.6	3.2	.15	24	.28
5	1.6	1.8	2.3	32	9.9	17	171	6.1	3.7	.11	.42	.64
6	.08	1.5	3.2	26	8.6	15	94	5.8	3.2	.05	.15	.63
7	.00	.75	2.8	23	8.3	13	52	5.6	2.4	.04	.10	.13
8	.00	1.1	2.2	22	7.5	13	43	5.4	2.2	.04	.08	.01
9	.01	.75	2.2	24	7.1	12	31	5.1	2.0	.04	4.6	.00
10	144	.55	6.7	61	6.8	212	26	5.0	2.0	.03	45	.36
11	7.4	.55	3.2	23	6.6	1130	24	4.9	2.0	.02	11	.11
12	2.8	.54	2.7	13	6.4	169	25	5.1	2.1	.01	.88	.13
13	2.1	.15	35	11	10	75	22	4.6	2.1	.04	.12	.16
14	1.7	.39	11	9.2	23	42	28	4.4	2.2	.02	.04	.17
15	1.0	1.0	7.2	7.5	15	34	26	4.2	2.3	.08	.02	.12
16	.60	.51	5.7	6.9	13	31	23	4.4	8.0	.06	.01	.10
17	.55	.69	4.8	9.0	12	22	23	4.2	3.1	.08	.00	.09
18	.47	.52	4.6	7.4	12	21	18	4.0	2.3	.02	.05	.05
19	.54	.48	6.9	6.7	11	470	16	4.3	2.2	.01	.28	.05
20	1.2	2.9	5.8	6.5	10	301	30	5.6	2.0	.03	.07	.07
21	.31	2.4	7.7	5.3	9.7	103	13	8.4	1.8	.04	.38	.23
22	.14	1.7	7.7	9.6	8.8	54	11	5.1	1.8	.01	.48	.29
23	.08	1.1	6.4	79	7.9	42	11	4.4	1.5	.00	.54	7.9
24	.00	1.3	5.4	37	7.6	32	11	4.1	1.3	.01	.48	2.3
25	.17	.60	4.8	23	7.2	26	10	4.2	49	.51	.68	.13
26	.30	1.0	4.6	16	7.0	26	9.1	4.8	1.7	.03	.70	.17
27	.35	.99	4.3	13	68	27	8.8	4.3	.86	.03	.99	.15
28	.64	1.2	4.0	12	40	25	11	7.9	.68	.03	.99	.12
29	.12	1.1	3.8	27	28	23	8.8	3.7	1.0	.04	1.1	.16
30	.00	1.2	3.5	34	---	34	7.8	2.4	.62	.06	.98	.11
31	.00	---	3.2	25	---	25	---	2.1	---	.05	.71	---
TOTAL	174.02	69.57	167.9	682.1	410.4	3074	3641.5	158.1	113.56	2.49	197.08	16.48
MEAN	5.61	2.32	5.42	22.0	14.2	99.2	121	5.10	3.79	.080	6.36	.55
MAX	144	19	35	79	68	1130	2000	8.4	49	.51	100	7.9
MIN	.00	.15	1.4	3.0	6.4	12	7.8	2.1	.62	.00	.00	.00
CFSM	.28	.12	.27	1.12	.72	5.03	6.16	.26	.19	.00	.32	.03
IN.	.33	.13	.32	1.29	.77	5.80	6.88	.30	.21	.00	.37	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2000, BY WATER YEAR (WY)

MEAN	16.8	24.0	24.7	65.3	52.7	74.5	41.0	17.9	29.2	20.1	8.01	6.45
MAX	111	68.0	52.6	130	177	154	121	75.9	116	74.2	26.5	26.9
(WY)	1996	1996	1995	1996	1990	1996	2000	1991	1997	1989	1992	1992
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1989 - 2000	
ANNUAL TOTAL	8494.40		8707.20			
ANNUAL MEAN	23.3		23.8		31.6	
HIGHEST ANNUAL MEAN					53.8	1996
LOWEST ANNUAL MEAN					14.7	1992
HIGHEST DAILY MEAN	963	Jun 28	2000	Apr 3	2000	Apr 3 2000
LOWEST DAILY MEAN	.00	Several days	.00	Several days	.00	Several years
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 3	.02	Jul 18	.00	Several years
INSTANTANEOUS PEAK FLOW			5290	Mar 11	5360	Jan 7 1998
INSTANTANEOUS PEAK STAGE			10.37	Mar 11	10.45	Jan 7 1998
ANNUAL RUNOFF (CFSM)	1.18		1.21		1.60	
ANNUAL RUNOFF (INCHES)	16.04		16.44		21.81	
10 PERCENT EXCEEDS	46		29		63	
50 PERCENT EXCEEDS	7.6		3.3		12	
90 PERCENT EXCEEDS	.08		.05		.97	

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.--Interruptions in the daily record were due to malfunctions of the instrument and flow conditions.
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, 15.6 mg/L, Mar. 1, 1993, Apr. 16, 1996; minimum, 1.9 mg/L, June 4, 2000.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 522 microSiemens, Aug. 19; minimum, 54 microSiemens, Feb. 27.
WATER TEMPERATURE: Maximum, 33.8°C, Aug. 10; minimum, 3.7°C, Jan. 27.
DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Feb. 20; minimum, 1.9 mg/L, June 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	366	303	322	429	97	317	289	229	259	196	184	190
2	363	341	351	176	140	159	261	225	239	191	143	160
3	369	281	342	192	173	181	255	230	246	149	110	130
4	290	153	213	234	192	201	286	245	259	132	87	122
5	280	187	209	246	216	225	292	240	267	137	120	127
6	351	221	285	260	218	230	252	207	225	138	121	129
7	---	---	---	268	230	243	238	197	217	124	114	118
8	---	---	---	248	222	234	241	209	221	120	109	113
9	439	350	382	267	227	242	249	219	231	120	104	113
10	398	86	205	259	235	244	249	152	213	121	106	114
11	239	185	206	272	237	248	233	194	210	152	114	129
12	376	239	290	281	237	252	221	192	205	159	133	141
13	331	296	320	343	253	286	221	135	156	148	120	134
14	335	267	317	330	254	272	234	168	195	150	122	134
15	340	290	311	263	230	242	207	180	192	150	132	141
16	307	288	299	260	232	242	219	188	201	145	137	141
17	317	288	300	276	221	244	211	189	198	145	125	137
18	316	261	280	278	232	251	202	182	194	150	137	142
19	334	246	291	260	232	248	182	166	173	148	133	140
20	265	236	246	276	176	226	200	168	184	158	124	136
21	291	247	272	236	219	226	202	158	174	168	128	144
22	321	291	304	248	218	229	182	164	173	179	98	148
23	358	302	320	270	229	241	180	163	169	119	80	105
24	---	---	---	285	222	250	190	170	177	124	111	117
25	373	285	322	289	234	255	187	173	179	139	121	127
26	300	274	281	278	242	254	182	171	176	156	126	141
27	300	266	285	264	240	249	193	171	180	162	139	150
28	266	220	246	262	231	243	208	173	182	215	144	164
29	322	234	274	235	229	233	204	179	193	149	115	131
30	---	---	---	283	228	244	209	184	195	116	112	114
31	---	---	---	---	---	---	198	187	193	119	114	116
MONTH	---	---	---	429	97	240	292	135	202	215	80	134

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	147	116	123	107	86	98	115	111	113	---	---	---
2	156	119	131	127	104	117	183	88	134	---	---	---
3	186	123	157	135	123	126	125	76	95	208	196	202
4	173	122	150	134	117	122	103	76	94	207	195	201
5	186	125	153	147	125	134	113	103	108	210	206	206
6	195	132	169	147	128	136	119	111	115	211	202	208
7	214	135	180	140	130	135	125	114	120	212	205	210
8	211	145	168	139	133	136	125	117	120	223	208	217
9	192	128	153	146	136	140	125	118	121	220	210	216
10	240	126	156	142	84	127	132	124	127	220	212	217
11	182	130	146	125	99	116	145	131	136	220	211	216
12	186	125	155	---	---	---	---	---	---	221	214	218
13	180	66	152	---	---	---	---	---	---	223	215	219
14	117	93	103	---	---	---	---	---	---	227	217	222
15	---	---	---	---	---	---	142	138	141	227	219	224
16	---	---	---	101	94	97	145	142	143	230	219	226
17	---	---	---	112	101	108	154	142	144	233	214	223
18	---	---	---	111	108	110	---	---	---	226	216	222
19	219	134	167	118	62	92	---	---	---	230	217	224
20	219	130	172	81	62	73	---	---	---	229	209	222
21	246	124	171	93	81	86	---	---	---	209	175	186
22	257	119	172	103	93	98	---	---	---	207	196	201
23	235	115	173	110	101	106	---	---	---	214	201	208
24	241	113	170	121	110	114	---	---	---	223	207	215
25	230	109	147	119	115	117	---	---	---	223	213	219
26	193	108	139	120	115	118	---	---	---	225	179	207
27	167	54	76	128	116	120	---	---	---	224	193	219
28	83	67	71	137	118	126	---	---	---	203	157	184
29	92	73	86	139	134	137	---	---	---	227	201	209
30	---	---	---	137	107	123	---	---	---	245	212	226
31	---	---	---	125	113	117	---	---	---	228	200	219
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	242	225	231	291	281	284	294	262	278	460	249	376
2	244	209	222	317	291	306	288	61	210	452	249	366
3	270	208	226	339	309	331	178	128	153	479	232	384
4	296	187	238	353	334	347	323	70	177	462	243	372
5	196	175	187	367	347	357	323	195	224	465	241	373
6	186	177	183	377	360	365	395	266	310	440	397	425
7	196	182	187	395	366	378	442	314	358	431	315	382
8	216	196	205	395	365	379	438	336	370	422	313	369
9	258	216	227	388	355	374	434	124	323	---	---	---
10	292	258	269	405	369	381	333	107	217	409	349	373
11	321	292	311	405	372	385	308	140	202	442	356	390
12	343	316	333	395	376	386	386	260	312	459	366	411
13	354	333	345	390	375	383	440	284	364	435	367	394
14	367	344	358	396	368	380	450	330	374	460	381	415
15	382	361	371	377	358	369	460	367	398	458	375	403
16	390	120	251	373	352	363	406	380	393	389	362	371
17	194	146	175	364	343	353	---	---	---	381	361	368
18	227	194	207	355	338	348	480	396	424	402	365	374
19	272	227	245	360	341	348	522	249	396	395	364	373
20	273	252	261	354	324	344	508	332	393	395	365	381
21	277	253	261	360	342	348	500	250	389	449	363	394
22	309	225	262	352	335	344	519	254	398	436	324	382
23	278	232	242	---	---	---	471	249	319	414	148	321
24	310	278	296	335	322	329	334	247	290	298	154	211
25	336	95	267	329	116	251	342	249	288	299	245	273
26	359	244	305	231	143	198	289	245	264	326	287	307
27	414	359	383	264	230	251	337	257	283	336	300	320
28	427	367	396	265	248	257	339	245	290	341	256	290
29	413	369	390	262	248	257	323	240	274	327	286	305
30	369	281	298	267	233	257	384	243	289	365	322	337
31	---	---	---	284	260	268	464	247	369	---	---	---
MONTH	427	95	271	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	23.4	14.9	18.9	---	---	---	10.2	6.2	8.0	11.2	8.8	9.9
2	23.9	15.4	19.5	16.1	12.7	14.9	11.6	6.5	8.4	11.6	9.7	10.7
3	25.4	18.5	21.2	13.4	10.5	11.9	10.2	7.2	8.8	13.9	11.6	12.7
4	23.0	20.7	21.9	12.9	9.2	11.1	14.7	9.0	11.1	14.9	10.3	12.6
5	22.3	18.2	19.8	13.8	9.3	11.6	12.6	10.4	11.6	10.3	8.3	9.2
6	24.5	15.6	19.5	14.9	9.7	12.2	11.8	8.7	10.5	8.6	6.5	7.7
7	---	---	---	18.4	11.3	14.3	10.2	6.6	8.4	8.3	6.0	7.3
8	---	---	---	17.3	12.7	14.7	9.7	6.1	8.3	9.0	6.9	8.0
9	---	---	---	18.2	13.3	15.3	11.9	9.1	10.5	11.3	9.0	10.2
10	21.3	20.7	21.0	18.2	13.4	15.4	12.6	11.1	11.8	12.9	10.5	11.8
11	21.8	19.7	20.9	19.5	14.0	15.8	12.6	10.1	11.5	11.6	9.0	10.3
12	21.6	19.6	20.7	19.5	12.9	15.1	12.9	10.1	11.6	11.6	9.5	10.6
13	22.0	20.1	20.9	18.6	13.2	15.1	14.1	12.7	13.5	13.6	10.6	12.0
14	23.3	19.2	20.9	19.3	11.9	15.1	12.7	10.3	11.8	10.6	8.0	9.1
15	21.1	18.1	19.6	15.9	11.6	13.4	11.6	9.1	10.2	8.8	6.1	7.7
16	23.8	18.6	20.6	15.8	10.1	12.0	10.2	7.5	8.8	9.6	6.8	8.2
17	24.5	19.0	21.2	15.2	8.7	10.8	9.4	6.5	7.9	11.0	9.6	10.3
18	22.8	17.0	19.5	14.8	8.3	10.7	8.6	7.3	8.0	12.2	10.7	11.4
19	21.2	16.0	18.0	15.5	9.1	11.8	11.1	8.3	9.8	10.7	9.4	9.9
20	19.6	14.8	16.8	13.7	12.0	12.9	12.0	10.9	11.3	10.1	7.5	9.1
21	20.6	12.6	15.5	15.5	13.3	14.2	11.1	8.9	10.1	7.5	5.3	6.5
22	21.0	12.1	15.7	16.6	13.5	14.9	9.4	7.4	8.3	6.2	5.3	5.7
23	19.1	12.1	14.7	18.5	13.2	15.3	8.5	6.1	7.2	7.9	4.9	6.6
24	---	---	---	17.1	13.8	15.5	8.3	5.7	6.8	8.6	6.5	7.7
25	---	---	---	16.8	14.5	15.5	7.1	4.9	5.8	6.6	4.7	5.6
26	17.7	9.2	12.7	16.5	10.9	13.7	7.8	4.3	6.0	5.8	3.8	4.9
27	20.2	10.6	14.4	15.2	9.1	11.3	7.9	5.0	6.4	6.2	3.7	5.1
28	20.8	12.0	14.8	15.1	8.8	11.2	7.9	5.7	6.4	6.1	4.8	5.3
29	21.0	12.2	15.9	14.9	9.1	11.2	8.1	4.7	6.5	5.6	4.9	5.2
30	---	---	---	12.4	7.2	9.1	8.9	4.9	7.0	6.9	5.6	6.2
31	---	---	---	---	---	---	9.8	7.1	8.5	7.2	4.8	6.0
MONTH	---	---	---	---	---	---	14.7	4.3	9.1	14.9	3.7	8.5
		FEBRUARY			MARCH			APRIL			MAY	
1	7.6	4.5	6.1	16.1	12.6	14.1	18.0	14.5	16.4	---	---	---
2	7.5	4.6	6.2	15.8	12.6	13.9	17.8	15.7	16.4	---	---	---
3	7.9	4.2	6.4	13.7	11.4	12.8	17.8	14.9	15.9	20.6	17.5	19.2
4	8.8	6.1	7.4	14.7	12.0	13.4	15.5	13.5	14.5	22.6	18.1	20.2
5	7.9	5.3	6.9	15.0	10.9	13.2	16.0	12.1	13.9	22.9	18.6	20.5
6	7.6	4.1	6.4	15.6	10.8	13.6	17.7	13.2	15.1	23.4	18.5	20.7
7	8.0	4.7	6.9	15.9	11.8	14.2	17.3	14.6	15.7	23.5	18.4	20.8
8	9.7	6.1	8.1	17.7	12.8	15.3	16.1	12.4	14.4	24.2	18.7	21.2
9	10.9	7.1	9.1	16.8	14.7	15.9	15.5	10.7	13.1	23.4	19.0	21.1
10	11.4	7.4	9.6	16.4	15.0	15.7	16.1	11.5	14.0	22.3	20.0	20.9
11	13.2	10.1	11.5	15.0	13.0	14.3	15.8	13.6	14.8	23.6	18.7	21.0
12	13.8	11.7	12.5	14.3	11.6	12.7	---	---	---	24.9	20.4	22.3
13	13.3	11.4	12.3	14.6	10.7	12.5	---	---	---	25.5	21.2	22.8
14	14.5	11.7	13.2	15.1	10.8	13.0	---	---	---	24.0	18.9	21.0
15	12.5	9.3	11.2	15.4	12.6	14.1	16.0	13.9	14.8	22.6	17.1	19.5
16	12.8	10.4	11.7	15.8	14.0	14.8	17.8	13.7	15.8	23.0	17.9	20.1
17	12.4	10.9	11.8	16.3	13.7	14.9	19.1	15.3	17.1	23.8	18.4	21.0
18	14.5	12.3	13.4	14.7	12.3	13.6	---	---	---	24.8	20.1	22.2
19	14.5	11.3	13.3	13.4	11.6	12.5	---	---	---	24.0	20.8	22.3
20	12.8	9.0	10.8	13.8	12.2	12.8	---	---	---	22.5	20.6	21.3
21	12.0	8.1	10.2	15.9	11.1	13.4	---	---	---	22.4	19.9	21.1
22	13.2	9.1	11.2	16.9	12.5	14.6	---	---	---	23.9	19.3	21.5
23	14.4	10.8	12.6	17.6	12.6	15.1	---	---	---	24.3	19.8	22.1
24	17.0	12.6	14.6	18.0	13.3	15.7	---	---	---	25.1	21.2	22.9
25	17.9	13.3	15.4	17.5	14.1	16.0	---	---	---	25.5	22.0	23.5
26	17.4	13.9	15.7	17.7	15.6	16.6	---	---	---	23.9	21.5	22.6
27	15.9	13.1	14.7	16.9	14.7	15.8	---	---	---	26.3	21.5	23.6
28	14.7	10.8	12.8	17.0	12.5	14.9	---	---	---	23.4	20.9	22.4
29	14.5	10.3	12.6	15.0	13.3	14.1	---	---	---	24.8	19.7	21.8
30	---	---	---	15.7	12.3	14.0	---	---	---	26.8	19.2	22.3
31	---	---	---	18.2	13.4	15.8	---	---	---	28.8	20.0	23.6
MONTH	17.9	4.1	10.8	18.2	10.7	14.3	---	---	---	---	---	---

02423130 CAHABA RIVER AT TRUSSVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	28.4	20.1	23.8	30.0	22.2	25.5	28.6	24.6	26.4	27.2	24.5	25.5
2	29.9	21.3	25.0	29.6	22.0	25.5	27.2	23.6	25.2	27.4	24.3	25.6
3	29.1	22.3	25.5	28.7	22.9	26.0	27.1	23.7	25.0	29.1	24.2	26.2
4	25.6	22.8	24.0	29.4	24.5	27.0	29.7	23.8	25.4	29.3	24.4	26.4
5	22.9	22.1	22.5	30.1	24.6	27.3	31.0	23.3	26.7	29.0	24.6	26.1
6	23.7	20.2	21.7	31.0	25.5	27.9	31.6	24.8	27.9	24.9	21.5	23.2
7	26.3	18.3	21.6	31.3	25.6	28.1	31.6	25.3	28.3	22.2	20.7	21.4
8	28.4	19.1	23.0	30.1	24.9	27.5	32.1	26.2	28.9	24.3	21.7	22.8
9	29.9	20.1	24.5	30.2	25.8	27.9	31.2	26.9	28.4	---	---	---
10	29.7	21.6	25.4	29.2	26.1	27.7	33.8	25.5	28.5	26.1	23.7	24.7
11	29.5	22.2	25.8	30.6	25.8	28.1	---	---	---	27.3	23.2	25.2
12	29.9	22.8	26.3	30.8	26.5	28.5	---	---	---	26.0	23.8	24.9
13	29.5	24.1	26.6	31.2	26.2	28.6	---	---	---	26.9	24.4	25.6
14	28.1	24.2	26.2	31.4	26.7	28.9	---	---	---	27.4	24.0	25.6
15	28.6	24.1	26.1	30.6	25.9	28.3	---	---	---	26.6	22.9	24.6
16	25.8	24.0	24.9	30.8	25.8	28.1	---	---	---	24.0	19.7	22.0
17	28.6	23.9	25.9	29.1	24.2	26.7	---	---	---	23.0	18.1	20.7
18	31.0	24.1	26.9	28.4	24.3	26.3	30.4	25.2	27.9	23.8	18.0	20.9
19	29.0	24.7	26.2	30.3	25.3	27.8	30.5	25.9	27.9	24.7	18.6	21.7
20	29.8	23.5	26.2	31.2	26.5	28.4	30.1	22.9	26.3	26.5	21.3	23.7
21	29.5	24.0	26.5	30.6	25.3	27.7	28.0	25.0	26.1	27.2	23.9	25.3
22	29.5	24.5	26.6	30.0	25.2	27.5	28.0	24.1	25.8	25.7	24.1	24.8
23	31.2	23.2	26.8	---	---	---	29.1	23.7	26.2	26.4	23.4	24.3
24	30.0	22.4	26.2	---	---	---	30.0	24.4	26.7	27.2	22.7	24.7
25	27.0	21.4	24.3	27.6	24.4	25.4	30.0	24.7	27.0	25.3	21.4	24.3
26	29.4	22.6	25.1	29.3	23.3	25.6	27.9	24.0	26.0	22.1	18.3	20.1
27	30.4	23.7	26.5	29.6	23.1	26.0	25.9	23.9	24.7	22.4	16.7	19.6
28	27.5	24.5	26.0	29.7	24.1	26.8	28.4	23.3	25.6	22.9	16.4	19.7
29	26.1	24.4	25.1	28.6	24.7	26.7	29.0	24.8	26.4	23.1	17.4	20.1
30	28.3	22.7	25.0	28.7	24.9	26.4	29.4	24.5	26.4	23.5	18.4	20.9
31	---	---	---	28.4	24.7	26.0	27.6	24.0	25.6	---	---	---
MONTH	31.2	18.3	25.2	---	---	---	---	---	---	---	---	---

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.6	4.7	7.5	10.4	4.6	8.0	10.9	3.4	6.3	9.2	4.7	6.5
2	9.5	6.0	7.3	11.1	10.2	10.4	12.2	4.7	7.9	---	---	---
3	8.4	5.1	6.3	11.5	7.6	10.1	8.0	4.3	5.5	---	---	---
4	7.8	4.5	6.3	10.7	5.4	7.6	11.0	3.6	6.7	---	---	---
5	8.5	4.7	7.3	9.9	5.5	7.3	10.3	3.5	4.6	---	---	---
6	10.0	4.6	7.5	9.7	4.4	6.7	10.1	3.7	4.8	---	---	---
7	---	---	---	8.6	3.3	5.4	12.3	4.6	6.4	---	---	---
8	---	---	---	9.2	4.9	7.2	9.2	4.8	6.6	---	---	---
9	---	---	---	7.9	2.3	4.4	10.5	4.2	6.7	---	---	---
10	9.1	3.2	7.7	7.9	3.0	5.2	10.7	3.3	5.6	---	---	---
11	8.7	5.8	7.7	7.2	3.4	5.5	10.4	3.3	6.1	---	---	---
12	---	---	---	7.9	2.9	6.0	9.0	3.6	5.6	---	---	---
13	---	---	---	7.0	3.4	5.1	10.5	5.8	9.5	---	---	---
14	---	---	---	7.2	3.4	5.5	9.6	3.6	6.0	---	---	---
15	---	---	---	9.4	5.4	8.3	11.1	3.8	8.1	---	---	---
16	---	---	---	9.6	4.7	7.8	10.8	5.1	8.3	---	---	---
17	---	---	---	10.3	4.6	8.0	11.4	5.6	8.8	---	---	---
18	---	---	---	13.7	3.7	9.4	10.6	6.2	8.3	---	---	---
19	10.4	8.2	9.2	12.6	4.6	8.6	12.1	4.0	7.8	---	---	---
20	10.7	8.5	9.9	12.6	3.7	5.9	---	---	---	---	---	---
21	9.4	7.9	8.6	10.0	4.5	7.1	11.5	5.1	8.7	---	---	---
22	9.2	7.0	8.3	10.1	3.0	6.2	12.0	8.5	10.9	---	---	---
23	9.3	7.5	8.5	12.1	5.9	9.0	12.6	5.1	10.7	---	---	---
24	---	---	---	12.3	5.8	8.3	11.7	4.6	7.7	---	---	---
25	---	---	---	12.9	5.4	7.6	11.5	5.0	7.4	---	---	---
26	8.9	5.4	7.3	---	---	---	12.7	6.2	9.3	---	---	---
27	9.7	7.5	8.7	---	---	---	11.8	5.9	8.2	---	---	---
28	9.8	8.4	9.4	---	---	---	---	---	---	---	---	---
29	11.7	7.5	9.6	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, 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
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	6.4	5.4	5.8	---	---	---
2	14.0	10.7	12.8	---	---	---	9.4	5.3	6.6	---	---	---
3	13.6	8.7	11.3	---	---	---	---	---	---	10.3	7.2	8.6
4	13.2	9.1	11.1	---	---	---	---	---	---	10.7	7.0	8.4
5	13.3	7.3	10.4	---	---	---	---	---	---	10.5	6.6	8.1
6	13.2	6.4	9.2	---	---	---	---	---	---	11.5	7.6	9.1
7	13.3	7.0	10.2	---	---	---	---	---	---	11.8	7.6	9.1
8	13.1	7.5	10.7	---	---	---	---	---	---	11.9	7.3	9.1
9	12.9	7.5	10.8	---	---	---	---	---	---	12.2	7.4	9.3
10	13.0	6.9	10.3	---	---	---	---	---	---	12.3	7.9	9.4
11	12.1	7.4	10.1	---	---	---	---	---	---	12.3	5.9	9.6
12	11.9	6.8	8.8	---	---	---	---	---	---	12.3	7.6	9.4
13	11.2	6.9	9.2	---	---	---	---	---	---	12.2	7.6	9.3
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	12.9	9.4	10.7	---	---	---
17	---	---	---	---	---	---	12.9	8.6	10.1	---	---	---
18	---	---	---	---	---	---	---	---	---	12.9	10.3	11.4
19	13.6	10.7	11.9	---	---	---	---	---	---	13.4	10.3	11.5
20	14.6	10.8	13.3	---	---	---	---	---	---	12.1	10.1	11.0
21	---	---	---	---	---	---	---	---	---	12.1	8.1	10.6
22	---	---	---	---	---	---	---	---	---	12.7	8.2	10.8
23	---	---	---	---	---	---	---	---	---	13.3	9.5	11.3
24	---	---	---	---	---	---	---	---	---	13.0	9.4	11.1
25	---	---	---	---	---	---	---	---	---	12.9	9.9	11.0
26	---	---	---	---	---	---	---	---	---	11.4	9.7	10.6
27	---	---	---	---	---	---	---	---	---	12.7	9.2	11.0
28	---	---	---	---	---	---	---	---	---	10.8	7.2	9.5
29	---	---	---	---	---	---	---	---	---	12.5	9.5	11.1
30	---	---	---	6.5	6.0	6.6	---	---	---	12.8	6.5	9.2
31	---	---	---	6.7	5.6	6.1	---	---	---	10.2	5.2	7.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.4	4.4	7.2	---	---	---	---	---	---	---	---	---
2	10.7	4.5	7.5	---	---	---	---	---	---	---	---	---
3	11.2	3.3	7.4	---	---	---	---	---	---	---	---	---
4	6.6	1.9	4.4	---	---	---	---	---	---	---	---	---
5	7.4	3.5	6.0	---	---	---	---	---	---	---	---	---
6	9.6	6.7	8.1	---	---	---	---	---	---	---	---	---
7	11.5	6.8	8.6	---	---	---	---	---	---	---	---	---
8	11.2	4.8	7.9	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	8.3	3.7	5.8
17	---	---	---	---	---	---	---	---	---	8.7	3.0	6.5
18	---	---	---	---	---	---	---	---	---	8.7	5.0	6.5
19	---	---	---	---	---	---	---	---	---	8.2	5.2	6.4
20	---	---	---	---	---	---	---	---	---	8.5	4.4	6.2
21	9.7	2.8	5.9	---	---	---	---	---	---	8.2	2.7	5.6
22	10.8	3.4	5.6	8.4	2.4	5.3	---	---	---	---	---	---
23	10.2	3.2	5.8	---	---	---	---	---	---	---	---	---
24	10.1	3.8	5.9	9.3	3.0	6.0	---	---	---	---	---	---
25	8.9	2.4	5.8	---	---	---	---	---	---	8.4	2.8	5.3
26	---	---	---	---	---	---	8.4	3.9	5.9	10.5	4.7	7.0
27	---	---	---	---	---	---	8.7	4.5	5.9	9.3	5.5	7.3
28	---	---	---	---	---	---	9.6	3.0	7.2	10.3	5.8	7.8
29	---	---	---	---	---	---	---	---	---	10.1	5.2	7.2
30	---	---	---	---	---	---	---	---	---	9.5	5.2	7.1
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02423190 BIG BLACK CREEK NEAR LEEDS, AL

LOCATION.--Lat 33°35'45", long 86°31'54", in SW$^1/_4$ sec. 34, T. 16 S., R. 1 W., St. Clair County, Hydrologic Unit 03150202, near left bank on downstream side of County Road 10, 1.6 mi from mouth, and 2.4 mi north of Leeds.
DRAINAGE AREA.--39.3 mi^2.
PERIOD OF RECORD.--January 1999 to January 2001 (discontinued).
GAGE.--Water-stage recorder. Datum of gage is 580 ft above sea level, from topographic map.
REMARKS.--Estimated daily discharges: Mar. 8, 9, Aug. 6-10, Sept. 8-22, and Oct. 5-8 and Oct. 15 to Nov. 7 of 2001 water year. Water-discharge records fair 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	4.3	3.2	6.1	67	54	48	22	1.5	1.5	2.4	.68
2	2.0	26	3.7	3.8	54	46	422	20	1.3	1.5	2.2	.75
3	2.2	23	4.0	3.3	46	40	2450	20	1.2	1.6	2.1	.84
4	4.1	13	3.7	33	44	42	1880	18	2.9	1.6	2.4	.94
5	4.5	7.9	5.0	30	40	39	486	16	4.7	1.4	4.1	.74
6	3.1	5.2	6.9	16	36	34	278	15	4.6	1.3	e2.2	.72
7	3.0	3.7	9.3	10	34	31	186	13	3.5	1.5	e1.9	.70
8	2.6	2.7	8.4	7.0	31	e28	141	12	2.7	1.7	e1.7	e.70
9	3.2	2.6	8.0	17	29	e25	105	11	1.9	2.0	e1.5	e.90
10	173	2.7	12	195	27	30	85	9.5	1.5	2.2	e1.4	e1.2
11	50	2.9	15	125	26	581	71	8.9	1.1	2.0	68	e.95
12	20	4.2	13	73	24	345	67	7.9	1.0	1.8	27	e.80
13	11	4.4	59	53	23	172	61	7.2	1.0	1.6	14	e.75
14	6.9	3.9	43	41	43	109	73	5.9	.87	1.5	8.1	e.70
15	4.8	2.6	26	33	38	80	79	5.1	.88	1.5	5.0	e.65
16	3.3	2.2	18	31	32	65	67	4.7	.97	1.8	3.3	e.65
17	2.8	1.8	14	31	30	56	62	4.4	.95	1.7	2.6	e.90
18	2.3	3.2	12	29	29	47	56	3.9	.88	1.6	2.4	e.70
19	2.2	3.1	15	26	30	363	50	3.7	2.0	1.7	1.8	e.65
20	3.0	5.3	17	24	27	915	46	3.9	3.3	1.7	.95	e.60
21	3.1	7.2	20	21	25	304	42	4.4	1.6	1.5	.79	e.70
22	3.0	7.6	27	22	23	178	38	6.2	1.4	1.3	.73	e2.5
23	2.3	8.5	23	318	22	119	35	4.6	1.4	1.2	.66	10
24	2.0	6.7	19	179	21	88	36	3.1	.96	1.2	.63	9.9
25	1.7	5.4	16	102	20	68	35	2.1	1.2	1.3	.60	9.2
26	1.8	6.9	13	68	19	66	31	2.2	3.6	1.6	.54	11
27	1.7	5.0	12	51	100	60	27	2.5	2.8	2.8	1.1	12
28	1.5	3.1	10	45	97	54	29	2.3	1.7	2.5	1.7	5.5
29	1.3	3.6	9.6	70	67	47	28	3.1	1.8	1.8	1.3	3.1
30	1.5	2.9	7.7	101	---	56	25	3.2	1.6	2.1	1.2	2.4
31	1.8	---	7.0	84	---	54	---	2.1	---	2.8	.77	---
TOTAL	328.0	181.6	460.5	1848.2	1104	4196	7039	247.9	56.81	53.3	165.07	81.82
MEAN	10.6	6.05	14.9	59.6	38.1	135	235	8.00	1.89	1.72	5.32	2.73
MAX	173	26	59	318	100	915	2450	22	4.7	2.8	68	12
MIN	1.3	1.8	3.2	3.3	19	25	25	2.1	.87	1.2	.54	.60
CFSM	.27	.15	.38	1.52	.97	3.44	5.97	.20	.05	.04	.14	.07
IN.	.31	.17	.44	1.75	1.05	3.97	6.66	.23	.05	.05	.16	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	10.6	6.05	14.9	98.0	68.0	136	146	21.8	75.0	27.1	4.03	2.27
MAX	10.6	6.05	14.9	136	99.1	136	235	35.7	148	52.6	5.32	2.73
(WY)	2000	2000	2000	1999	1999	1999	2000	1999	1999	1999	2000	2000
MIN	10.6	6.05	14.9	59.6	38.1	135	56.9	8.00	1.89	1.72	2.73	1.81
(WY)	2000	2000	2000	2000	2000	2000	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	21225.17		15762.20			
ANNUAL MEAN	58.2		43.1		43.1	
HIGHEST ANNUAL MEAN					43.1	2000
LOWEST ANNUAL MEAN					43.1	2000
HIGHEST DAILY MEAN	1760	Jun 28	2450	Apr 3	2450	Apr 3 2000
LOWEST DAILY MEAN	.71	Sep 15	.54	Aug 26	.54	Aug 26 2000
ANNUAL SEVEN-DAY MINIMUM	.91	Sep 12	.69	Sep 14	.69	Sep 14 2000
INSTANTANEOUS PEAK FLOW			3190	Apr 4	3190	Apr 4 2000
INSTANTANEOUS PEAK STAGE			18.29	Apr 4	18.29	Apr 4 2000
ANNUAL RUNOFF (CFSM)	1.48		1.10		1.10	
ANNUAL RUNOFF (INCHES)	20.09		14.92		14.89	
10 PERCENT EXCEEDS	134		68		109	
50 PERCENT EXCEEDS	24		5.7		19	
90 PERCENT EXCEEDS	1.7		1.1		1.3	

e Estimated

02423190 BIG BLACK CREEK NEAR LEEDS, 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	1.8	e.50	19	17	---	---	---	---	---	---	---	---
2	1.4	e.55	16	16	---	---	---	---	---	---	---	---
3	1.1	e.60	14	14	---	---	---	---	---	---	---	---
4	.79	e.50	12	14	---	---	---	---	---	---	---	---
5	e.67	e.60	10	14	---	---	---	---	---	---	---	---
6	e5.0	e1.0	9.3	17	---	---	---	---	---	---	---	---
7	e2.5	e3.0	8.4	13	---	---	---	---	---	---	---	---
8	e1.0	18	7.3	47	---	---	---	---	---	---	---	---
9	.74	345	6.8	49	---	---	---	---	---	---	---	---
10	.55	103	5.7	40	---	---	---	---	---	---	---	---
11	.40	41	5.1	37	---	---	---	---	---	---	---	---
12	.31	25	4.5	47	---	---	---	---	---	---	---	---
13	.36	17	4.2	43	---	---	---	---	---	---	---	---
14	.36	12	10	42	---	---	---	---	---	---	---	---
15	e.35	8.1	16	47	---	---	---	---	---	---	---	---
16	e.35	10	15	43	---	---	---	---	---	---	---	---
17	e.34	41	28	40	---	---	---	---	---	---	---	---
18	e.33	33	29	91	---	---	---	---	---	---	---	---
19	e.32	52	28	606	---	---	---	---	---	---	---	---
20	e.31	59	26	424	---	---	---	---	---	---	---	---
21	e.30	41	24	207	---	---	---	---	---	---	---	---
22	e.35	30	22	130	---	---	---	---	---	---	---	---
23	e.40	24	19	95	---	---	---	---	---	---	---	---
24	e.35	22	18	74	---	---	---	---	---	---	---	---
25	e.33	55	16	61	---	---	---	---	---	---	---	---
26	e.35	48	15	53	---	---	---	---	---	---	---	---
27	e.40	36	15	47	---	---	---	---	---	---	---	---
28	e.45	29	20	42	---	---	---	---	---	---	---	---
29	e.50	24	23	44	---	---	---	---	---	---	---	---
30	e.60	22	21	239	---	---	---	---	---	---	---	---
31	e.50	---	18	148	---	---	---	---	---	---	---	---
TOTAL	23.51	1101.85	485.3	2801	---	---	---	---	---	---	---	---
MEAN	.76	36.7	15.7	90.4	---	---	---	---	---	---	---	---
MAX	5.0	345	29	606	---	---	---	---	---	---	---	---
MIN	.30	.50	4.2	13	---	---	---	---	---	---	---	---
CFSM	.02	.93	.40	2.30	---	---	---	---	---	---	---	---
IN.	.02	1.04	.46	2.65	---	---	---	---	---	---	---	---

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

MEAN	5.67	21.4	15.3	95.4	68.0	136	146	21.8	75.0	27.1	4.03	2.27
MAX	10.6	36.7	15.7	136	99.1	136	235	35.7	148	52.6	5.32	2.73
(WY)	2000	2001	2001	1999	1999	1999	2000	1999	1999	1999	2000	2000
MIN	.76	6.05	14.9	59.6	38.1	135	56.9	8.00	1.89	1.72	2.73	1.81
(WY)	2001	2000	2000	2000	2000	2000	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		WATER YEARS 1999 - 2001	
ANNUAL TOTAL	16402.76			
ANNUAL MEAN	44.8		43.1	
HIGHEST ANNUAL MEAN			43.1	2000
LOWEST ANNUAL MEAN			43.1	2000
HIGHEST DAILY MEAN	2450	Apr 3	2450	Apr 3 2000
LOWEST DAILY MEAN	.30	Oct 21	.30	Oct 21 2000
ANNUAL SEVEN-DAY MINIMUM	.33	Oct 15	.33	Oct 15 2000
INSTANTANEOUS PEAK FLOW			3190	Apr 4 2000
INSTANTANEOUS PEAK STAGE			18.29	Apr 4 2000
ANNUAL RUNOFF (CFSM)	1.14		1.10	
ANNUAL RUNOFF (INCHES)	15.53		14.89	
10 PERCENT EXCEEDS	69		102	
50 PERCENT EXCEEDS	8.2		18	
90 PERCENT EXCEEDS	.68		1.1	

e Estimated

MOBILE RIVER BASIN

02423380 CAHABA RIVER NEAR MOUNTAIN BROOK, AL

LOCATION.--Lat 33°28'54", long 86°42'46", in NE$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	62	18	38	232	188	223	77	24	18	24	11
2	16	226	18	35	189	158	1840	74	23	15	17	12
3	16	132	19	39	165	152	7970	72	21	12	227	12
4	17	73	19	184	149	192	6740	64	28	9.7	80	11
5	33	48	24	205	130	153	1760	56	61	8.7	108	12
6	25	37	30	150	117	130	926	49	53	9.1	49	10
7	17	31	35	120	108	117	591	44	40	7.7	29	8.4
8	16	26	28	103	102	107	444	41	31	8.1	23	8.4
9	17	22	28	196	96	100	323	38	28	7.9	19	11
10	672	22	52	731	91	262	245	37	26	7.9	17	11
11	339	21	68	399	89	2770	207	35	23	7.2	116	9.7
12	118	20	52	243	83	1380	242	34	21	6.4	89	8.8
13	69	19	283	178	86	635	215	33	17	9.5	44	9.4
14	48	18	227	137	170	382	250	31	17	8.3	28	9.9
15	37	19	133	115	146	297	286	27	17	7.9	22	8.5
16	31	18	95	103	120	248	229	25	33	8.0	19	9.3
17	26	17	72	114	112	226	200	28	39	7.0	17	8.2
18	22	18	63	117	109	186	183	28	32	6.0	15	7.6
19	18	18	75	105	109	948	163	28	47	5.2	13	6.9
20	22	39	77	98	98	3110	154	30	62	12	12	6.6
21	26	56	96	82	86	1020	151	42	42	12	11	6.2
22	25	41	118	84	82	551	121	51	32	9.6	9.9	6.3
23	19	30	105	837	79	376	110	43	24	7.7	8.9	15
24	18	29	87	588	76	290	114	37	21	7.5	9.3	49
25	16	25	71	342	73	234	111	34	23	6.8	10	31
26	12	24	59	248	70	226	100	37	79	13	10	18
27	12	20	52	189	277	221	96	42	35	30	9.4	14
28	15	20	49	174	336	208	111	38	21	14	9.1	13
29	16	20	46	262	239	174	95	39	20	9.1	9.6	12
30	17	18	44	333	---	414	83	32	20	15	11	11
31	18	---	41	276	---	290	---	26	---	21	11	---
TOTAL	1769	1169	2184	6825	3819	15745	24283	1272	960	327.3	1077.2	367.2
MEAN	57.1	39.0	70.5	220	132	508	809	41.0	32.0	10.6	34.7	12.2
MAX	672	226	283	837	336	3110	7970	77	79	30	227	49
MIN	12	17	18	35	70	100	83	25	17	5.2	8.9	6.2
CFSM	.41	.28	.50	1.57	.94	3.63	5.78	.29	.23	.08	.25	.09
IN.	.47	.31	.58	1.81	1.01	4.18	6.45	.34	.26	.09	.29	.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2000, BY WATER YEAR (WY)

MEAN	93.4	187	221	441	463	503	297	126	155	127	60.9	66.0
MAX	502	675	563	898	1061	1191	809	489	850	469	225	305
(WY)	1996	1993	1993	1998	1990	1996	2000	1991	1997	1989	1992	1992
MIN	7.28	28.2	46.0	36.7	132	105	31.7	30.0	10.6	10.6	10.8	10.2
(WY)	1988	1988	1981	1981	2000	1986	1986	1986	1988	2000	1988	1990

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1981 - 2000	
ANNUAL TOTAL	78268.4		59797.7			
ANNUAL MEAN	214		163		228	
HIGHEST ANNUAL MEAN					388	1996
LOWEST ANNUAL MEAN					70.4	1986
HIGHEST DAILY MEAN	5960	Jun 28	7970	Apr 3	8550	Mar 7 1996
LOWEST DAILY MEAN	9.4	Sep 16	5.2	Jul 19	2.5	Oct 16 1987
ANNUAL SEVEN-DAY MINIMUM	10	Sep 15	7.3	Sep 16	3.6	Oct 13 1987
INSTANTANEOUS PEAK FLOW			10300	Apr 4	12500	Jan 8 1998
INSTANTANEOUS PEAK STAGE			14.58	Apr 4	16.19	Jan 8 1998
ANNUAL RUNOFF (CFSM)	1.53		1.17		1.63	
ANNUAL RUNOFF (INCHES)	20.80		15.89		22.11	
10 PERCENT EXCEEDS	474		254		492	
50 PERCENT EXCEEDS	95		38		91	
90 PERCENT EXCEEDS	16		9.6		14	

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL

LOCATION.--Lat 33°32'56", long 86°33'45", in SE$^1/_4$ 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 mi^2.

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: Aug. 16-21. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.0	30	4.7	6.6	29	17	29	13	4.7	7.5	7.9	4.2
2	6.2	27	4.3	6.6	23	15	307	11	4.5	6.6	7.6	4.1
3	6.3	11	6.5	7.7	25	18	1140	11	4.4	6.1	7.8	3.2
4	8.9	12	4.7	21	22	26	477	10	12	7.3	6.3	3.0
5	7.5	9.0	6.4	11	19	17	142	10	30	6.7	6.2	4.6
6	7.6	8.2	6.0	8.2	18	15	91	7.2	15	5.4	4.6	3.5
7	6.9	8.1	5.4	8.0	23	14	69	8.4	11	5.6	6.0	4.1
8	7.2	9.6	5.8	7.0	21	14	64	6.8	9.7	5.7	5.3	3.7
9	7.3	7.4	6.5	55	18	12	48	7.1	8.3	4.7	5.2	4.7
10	211	7.1	20	117	16	32	40	8.1	8.0	6.0	8.7	4.0
11	23	8.7	8.3	38	15	135	36	6.2	7.6	6.3	18	4.6
12	14	6.6	7.7	29	14	58	59	6.5	7.3	7.9	7.6	4.2
13	15	6.4	66	23	18	38	44	7.2	8.1	6.7	6.3	4.8
14	9.9	7.0	20	17	54	33	58	6.0	7.7	5.5	4.7	4.8
15	10	6.4	13	16	22	26	43	6.0	7.3	5.5	5.9	4.7
16	8.1	6.4	11	17	19	27	33	5.8	8.5	7.9	e5.1	5.4
17	8.2	6.5	10	21	18	22	28	6.9	8.5	5.5	e4.0	5.3
18	9.4	6.7	9.2	18	19	20	26	5.6	7.8	6.5	e4.8	5.4
19	7.7	6.8	14	16	16	255	21	5.3	8.6	6.1	e4.8	4.0
20	9.0	10	10	18	16	204	20	7.5	12	20	e4.0	5.0
21	7.8	8.5	16	13	13	74	20	17	8.8	16	e5.0	4.8
22	7.3	7.9	16	31	13	51	16	10	8.9	8.3	4.1	7.1
23	6.9	8.8	12	158	13	40	18	7.5	9.1	6.8	4.4	7.2
24	7.0	7.8	9.9	56	12	36	18	6.8	8.4	7.2	4.1	7.4
25	5.3	6.5	10	40	12	28	16	6.2	9.6	6.5	4.5	6.9
26	7.7	7.3	9.4	32	11	28	15	5.4	9.4	7.1	5.0	5.5
27	5.6	6.4	9.3	28	56	28	13	6.9	7.4	9.3	4.2	5.2
28	7.0	5.0	8.2	28	24	24	22	5.5	7.2	7.7	4.8	6.0
29	6.5	5.3	8.9	49	19	21	13	6.4	9.4	6.1	5.2	11
30	5.8	4.9	7.6	39	---	79	13	5.7	9.8	14	3.1	14
31	5.6	---	7.3	31	---	36	---	4.9	---	14	4.1	---
TOTAL	461.7	269.3	354.1	966.1	598	1443	2939	237.9	279.0	242.5	179.3	162.4
MEAN	14.9	8.98	11.4	31.2	20.6	46.5	98.0	7.67	9.30	7.82	5.78	5.41
MAX	211	30	66	158	56	255	1140	17	30	20	18	14
MIN	5.3	4.9	4.3	6.6	11	12	13	4.9	4.4	4.7	3.1	3.0
CFSM	.88	.53	.67	1.83	1.21	2.74	5.76	.45	.55	.46	.34	.32
IN.	1.01	.59	.77	2.11	1.31	3.16	6.43	.52	.61	.53	.39	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2000, BY WATER YEAR (WY)

MEAN	18.3	23.5	27.2	70.7	51.8	65.5	47.9	17.8	47.3	23.4	14.1	9.13
MAX	38.6	52.0	36.6	112	79.8	105	98.0	21.6	97.2	38.0	27.5	13.0
(WY)	1996	1996	1996	1998	1998	1996	2000	1997	1999	1997	1998	1996
MIN	7.71	8.98	11.4	31.2	20.6	46.5	22.4	7.67	9.30	7.30	5.78	5.41
(WY)	1999	2000	2000	2000	2000	2000	1999	2000	2000	1995	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1995 - 2000	
ANNUAL TOTAL	11356.9		8132.3			
ANNUAL MEAN	31.1		22.2		35.0	
HIGHEST ANNUAL MEAN					41.2	1996
LOWEST ANNUAL MEAN					22.2	2000
HIGHEST DAILY MEAN	1340	Jun 28	1140	Apr 3	1340	Jun 28 1999
LOWEST DAILY MEAN	4.3	Sep 15	3.0	Sep 4	3.0	Sep 4 2000
ANNUAL SEVEN-DAY MINIMUM	5.1	Nov 28	3.7	Sep 2	3.7	Sep 2 2000
INSTANTANEOUS PEAK FLOW			1650	Apr 3	2960	Jun 28 1999
INSTANTANEOUS PEAK STAGE			10.54	Apr 3	12.92	Jun 28 1999
ANNUAL RUNOFF (CFSM)	1.83		1.31		2.06	
ANNUAL RUNOFF (INCHES)	24.85		17.80		28.00	
10 PERCENT EXCEEDS	54		36		62	
50 PERCENT EXCEEDS	16		8.4		17	
90 PERCENT EXCEEDS	6.2		4.8		6.4	

e Estimated

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.
EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 611 microSiemens, Oct. 17, 1996; minimum, 71 microSiemens, Jan. 8, 1998.
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, 466 microSiemens, Oct. 26; minimum, 89 microSiemens, April 3.
WATER TEMPERATURE: Maximum, 27.0°C, Aug. 10; minimum, 6.5°C, Jan. 27.
DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Mar. 3; minimum, 2.1 mg/L, Feb. 12.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	397	342	354	396	183	347	411	396	404	421	378	407
2	413	346	368	362	210	297	442	382	395	447	396	413
3	423	345	379	379	329	359	442	409	423	452	401	424
4	414	355	375	416	364	401	420	380	397	401	281	345
5	415	334	363	405	372	392	417	389	405	397	299	356
6	402	335	354	405	381	392	399	380	390	408	389	399
7	374	340	357	441	378	401	416	378	395	411	397	404
8	425	360	388	450	387	424	416	377	400	416	394	403
9	428	355	378	434	387	405	413	381	403	397	216	307
10	386	91	197	428	372	401	401	256	360	273	155	214
11	332	210	284	441	393	420	379	326	351	361	272	320
12	401	316	361	441	384	400	395	371	385	394	347	368
13	430	363	394	409	386	399	389	195	265	395	368	382
14	395	362	369	454	381	411	367	324	349	401	380	393
15	430	362	395	450	386	405	396	367	383	420	380	400
16	437	369	388	450	382	404	412	382	401	422	397	411
17	446	373	398	427	385	409	418	393	407	406	366	383
18	440	376	401	427	383	412	422	393	410	390	359	376
19	417	386	404	426	400	417	402	369	392	397	369	388
20	425	367	390	416	362	387	405	356	382	433	353	396
21	435	377	397	416	373	398	408	359	377	403	382	391
22	417	359	386	412	374	396	401	364	381	411	230	378
23	407	382	398	403	376	394	414	392	406	241	164	200
24	448	376	403	416	377	397	415	388	400	316	241	285
25	389	378	384	422	379	398	423	409	416	350	290	329
26	466	374	408	449	380	407	426	402	415	377	322	356
27	406	378	391	435	387	409	430	410	423	383	339	372
28	437	378	397	427	383	401	423	396	414	385	350	369
29	438	377	398	423	382	407	411	381	397	358	294	317
30	414	382	400	426	380	403	424	369	400	357	307	328
31	404	389	397	---	---	---	416	394	406	365	351	358
MONTH	466	91	376	454	183	396	442	195	391	452	155	360

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	376	361	369	383	330	365	365	329	356	423	375	400
2	432	367	380	392	348	376	356	98	191	421	375	391
3	399	375	383	399	300	369	121	89	104	435	373	393
4	405	377	390	359	270	318	229	113	166	399	381	391
5	401	378	391	396	339	371	290	229	262	432	367	388
6	428	378	393	401	362	387	317	289	301	390	375	383
7	408	372	396	402	362	388	335	311	323	426	377	395
8	389	354	367	407	372	392	341	324	330	392	375	384
9	402	359	378	404	376	388	361	338	345	387	377	381
10	409	375	392	392	224	331	363	352	357	423	375	393
11	420	378	399	253	174	213	373	360	365	385	360	378
12	421	378	399	325	253	292	379	249	314	379	366	373
13	423	264	384	344	300	329	362	326	348	435	368	381
14	294	189	267	370	329	355	360	296	331	404	366	386
15	356	294	338	376	350	363	381	337	351	423	371	391
16	388	325	369	386	354	375	381	323	358	374	364	369
17	395	353	379	387	350	375	383	353	368	423	360	387
18	400	343	381	398	363	388	394	357	377	414	357	374
19	399	365	381	397	113	244	398	364	378	387	375	381
20	410	366	391	267	139	202	398	367	384	411	338	371
21	410	381	396	310	267	290	407	368	389	357	269	315
22	414	375	390	333	308	322	421	372	387	385	325	346
23	418	372	397	360	319	341	413	376	394	422	349	369
24	420	372	396	371	323	356	407	371	383	428	363	378
25	421	366	400	374	357	368	411	363	380	428	358	374
26	425	383	397	383	360	374	409	375	389	377	363	370
27	404	171	272	385	348	371	417	332	386	411	362	383
28	345	272	307	388	359	376	394	348	373	379	367	373
29	367	323	351	403	369	388	384	354	372	410	369	386
30	---	---	---	393	189	276	418	376	390	401	380	388
31	---	---	---	355	310	328	---	---	---	388	379	384
MONTH	432	171	374	407	113	342	421	89	338	435	269	379
		JUNE			JULY			AUGUST			SEPTEMBER	
1	393	378	385	424	357	384	367	317	331	437	347	373
2	389	379	385	393	364	385	430	333	364	436	356	376
3	389	379	386	420	354	394	413	351	380	369	355	362
4	387	258	330	425	382	415	418	363	377	373	361	366
5	349	209	274	417	361	394	429	360	379	438	362	390
6	358	285	333	394	378	385	395	366	372	382	357	365
7	376	355	369	443	380	399	440	367	392	439	354	374
8	388	371	382	414	384	398	439	371	391	379	359	365
9	387	354	379	384	376	381	429	373	387	450	360	384
10	389	377	384	409	313	372	456	292	376	450	357	376
11	391	378	386	395	339	370	377	245	308	448	359	386
12	392	381	388	433	377	404	380	302	331	440	364	381
13	437	379	389	377	368	373	404	318	341	404	331	363
14	390	380	386	385	370	377	352	334	341	400	330	343
15	391	380	387	433	366	371	436	352	366	413	332	342
16	392	362	379	433	374	401	433	361	381	401	335	358
17	384	362	378	387	369	377	393	365	374	407	335	349
18	408	380	386	450	377	392	458	368	392	404	339	363
19	388	354	378	399	358	392	444	372	391	344	340	341
20	355	320	336	396	221	357	388	369	374	422	343	357
21	342	314	327	341	249	313	449	373	396	418	346	357
22	364	338	352	396	314	344	438	374	394	418	337	359
23	382	348	363	392	319	338	457	374	396	382	225	341
24	386	362	371	415	331	365	400	376	388	388	313	335
25	386	316	375	374	332	364	420	370	392	399	321	364
26	373	361	366	382	327	351	419	399	411	410	331	356
27	366	343	351	393	315	356	404	371	388	425	344	363
28	403	342	362	426	356	381	379	354	373	426	346	378
29	417	336	381	434	344	361	452	369	396	393	354	373
30	424	336	390	386	304	356	384	354	367	371	310	336
31	---	---	---	362	263	317	442	347	371	---	---	---
MONTH	437	209	368	450	221	373	458	245	375	450	225	363
YEAR	466	89	370									

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	18.6	16.3	17.3	18.1	17.2	17.6	12.4	10.1	11.1	14.3	13.0	13.6
2	19.2	16.5	17.7	17.4	14.3	16.2	12.7	10.1	11.3	15.8	14.0	14.9
3	20.6	17.8	19.0	14.3	12.6	13.6	13.7	11.7	12.8	17.0	15.3	16.2
4	20.7	19.2	19.9	14.3	11.8	13.2	15.5	13.2	14.1	17.0	13.0	15.4
5	19.9	17.5	18.5	14.7	12.2	13.6	14.9	13.9	14.4	13.0	10.6	12.0
6	19.0	16.3	17.5	15.3	12.5	14.1	13.9	11.2	12.9	12.0	9.6	10.8
7	19.0	16.5	17.7	16.3	13.7	15.1	12.7	9.9	11.2	11.9	9.6	10.8
8	20.0	17.7	18.7	17.1	14.7	15.8	12.9	10.6	11.8	12.4	10.5	11.4
9	19.7	18.8	19.2	17.4	14.8	16.2	14.8	12.6	13.9	14.0	12.4	13.3
10	21.5	19.1	20.7	17.3	15.1	16.2	15.1	13.5	14.1	14.0	12.6	13.4
11	21.0	19.5	20.3	17.8	15.8	16.6	14.7	12.8	13.8	14.1	11.8	12.8
12	20.1	18.8	19.5	17.2	14.6	15.9	15.6	13.5	14.6	14.6	12.3	13.3
13	20.7	18.9	19.7	16.4	14.9	15.5	15.7	14.5	15.1	15.8	12.7	14.4
14	20.3	18.4	19.4	17.3	14.3	15.8	14.8	13.0	14.1	12.7	10.9	11.8
15	19.2	17.7	18.5	16.1	14.0	15.0	13.9	12.3	13.0	12.3	9.4	10.9
16	19.9	17.6	18.8	14.8	12.6	13.6	12.6	10.6	11.7	13.4	10.6	12.0
17	20.2	17.5	18.9	14.4	11.9	12.9	12.2	9.8	11.2	13.6	13.0	13.3
18	19.2	17.6	18.4	14.4	11.7	13.0	11.9	11.1	11.6	14.4	13.0	13.7
19	18.4	16.6	17.5	15.9	13.3	14.5	14.0	11.1	12.7	13.0	12.0	12.3
20	17.4	16.3	16.9	16.1	15.0	15.5	14.4	13.2	13.8	12.8	10.3	11.8
21	16.6	14.2	15.5	17.4	15.1	16.1	13.8	11.3	12.4	10.5	8.6	9.7
22	16.9	14.1	15.6	17.6	16.1	16.7	12.1	10.5	11.3	9.5	6.9	8.8
23	16.2	13.9	15.1	18.0	15.6	16.6	11.6	9.5	10.6	8.8	6.6	7.4
24	14.8	12.6	13.6	17.6	15.3	16.4	10.6	9.2	10.1	10.5	8.8	9.4
25	15.1	12.3	13.6	17.0	15.9	16.5	10.3	8.6	9.5	9.9	6.9	8.8
26	15.1	12.7	13.9	16.1	13.6	15.2	11.0	8.3	9.8	9.2	7.6	8.4
27	16.2	13.6	14.8	14.8	12.2	13.4	11.0	9.2	10.2	9.8	6.5	8.6
28	17.0	14.2	15.6	15.0	12.2	13.5	10.9	9.5	10.0	9.2	8.2	8.6
29	17.1	14.4	15.7	14.7	12.3	13.4	11.0	8.1	9.9	8.3	7.5	8.0
30	17.6	15.3	16.3	12.7	10.8	11.7	12.0	8.9	10.7	9.5	8.3	9.0
31	18.4	16.7	17.5	---	---	---	13.2	11.3	12.3	10.3	8.4	9.2
MONTH	21.5	12.3	17.5	18.1	10.8	15.0	15.7	8.1	12.1	17.0	6.5	11.4
		FEBRUARY			MARCH			APRIL			MAY	
1	10.7	8.3	9.5	18.1	14.1	16.0	19.5	15.9	17.5	19.7	16.2	18.1
2	11.1	8.5	9.9	17.6	13.8	15.6	18.3	16.2	17.2	19.8	17.1	18.5
3	12.0	8.2	9.9	16.1	13.1	14.9	18.1	16.2	17.3	20.4	18.0	19.3
4	11.9	9.4	10.4	16.5	13.8	15.0	16.2	14.6	15.5	20.9	18.5	19.8
5	11.7	9.2	10.2	17.1	12.6	14.8	16.3	12.9	14.7	21.7	18.9	20.3
6	11.7	8.2	9.8	18.4	12.5	15.4	18.1	14.5	16.3	21.4	18.9	20.3
7	12.1	8.9	10.3	18.1	13.5	15.7	18.2	16.2	17.0	21.5	18.8	20.3
8	12.7	9.6	11.0	19.0	14.1	16.7	17.1	14.1	15.8	21.5	18.8	20.3
9	13.8	10.5	12.1	17.9	15.7	16.8	16.7	12.9	14.7	21.2	19.1	20.4
10	14.3	10.4	12.5	17.2	16.1	16.5	17.3	13.8	15.5	21.0	19.7	20.3
11	16.1	12.7	14.4	16.2	13.7	15.3	17.3	15.4	16.3	21.3	18.7	20.1
12	16.7	14.4	15.2	15.1	12.1	13.5	16.5	16.0	16.2	22.3	19.9	21.0
13	15.9	13.9	14.8	15.7	11.3	13.4	16.2	15.6	15.9	22.3	20.5	21.4
14	15.9	13.4	14.6	16.6	12.5	14.3	15.6	14.1	14.9	21.2	18.9	20.0
15	15.3	11.9	13.6	17.6	14.4	15.9	17.3	14.9	15.8	20.0	17.5	18.6
16	15.5	13.1	14.3	17.7	16.0	16.6	18.9	15.2	17.0	20.2	17.6	19.0
17	15.2	12.7	14.3	18.4	15.4	16.7	20.1	16.8	18.0	21.3	18.3	19.9
18	16.8	14.8	15.8	16.1	14.1	15.0	20.2	15.9	17.5	21.9	19.5	20.7
19	16.5	13.1	15.3	14.4	12.6	13.4	20.1	15.7	17.8	21.7	20.3	21.0
20	14.7	11.5	13.1	14.8	12.7	13.6	19.6	17.1	18.3	21.5	20.3	20.9
21	14.1	10.7	12.6	16.5	12.6	14.6	18.6	16.0	17.3	22.1	20.7	21.3
22	15.1	11.5	13.4	18.1	14.5	16.0	18.4	14.5	16.4	21.5	19.6	20.7
23	15.9	12.1	14.5	18.8	14.4	16.5	17.0	15.2	16.1	21.7	19.4	20.7
24	17.5	14.2	16.1	19.5	15.6	17.3	18.0	15.6	16.6	22.4	20.3	21.3
25	18.0	14.6	16.4	19.2	16.0	17.5	17.0	15.7	16.3	23.0	20.8	21.7
26	17.4	15.2	16.5	18.7	16.9	17.7	18.9	14.5	16.5	22.0	20.7	21.3
27	17.1	14.5	15.9	18.5	15.5	17.0	18.3	14.6	16.6	23.5	21.3	22.1
28	16.5	12.7	14.6	18.4	14.1	16.3	17.7	16.0	16.8	22.1	20.7	21.5
29	16.6	12.5	14.5	16.1	14.7	15.4	18.7	14.9	16.8	21.1	19.5	20.3
30	---	---	---	16.0	12.4	14.5	20.4	15.4	17.5	21.5	18.8	20.0
31	---	---	---	19.3	14.7	16.7	---	---	---	21.7	19.0	20.3
MONTH	18.0	8.2	13.3	19.5	11.3	15.6	20.4	12.9	16.5	23.5	16.2	20.4

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	22.3	19.2	20.7	22.7	20.0	21.2	23.1	21.7	22.4	23.4	21.5	22.4
2	22.4	19.8	21.0	22.9	19.9	21.2	23.8	21.1	22.3	23.0	21.4	22.3
3	22.2	20.0	21.1	23.1	20.1	21.6	23.9	21.2	22.4	23.3	21.0	22.1
4	21.6	20.7	21.2	23.5	21.3	22.3	23.3	21.5	22.3	23.7	21.1	22.3
5	21.7	20.5	21.1	23.6	21.2	22.3	24.0	20.9	22.2	24.2	21.4	22.7
6	20.7	19.3	20.0	24.1	21.5	22.6	24.2	21.7	22.7	22.3	19.8	20.9
7	20.3	17.7	19.2	24.7	21.5	23.1	24.7	22.0	23.3	20.1	19.2	19.5
8	21.0	18.3	19.8	24.3	21.7	22.9	24.7	22.1	23.4	20.7	19.4	20.0
9	21.5	19.0	20.3	24.3	22.1	23.0	24.8	22.2	23.3	21.5	20.1	20.9
10	22.0	19.7	20.9	24.7	22.0	23.0	27.0	21.7	23.3	21.9	20.4	21.1
11	22.4	20.1	21.3	24.0	22.0	23.0	25.2	23.4	24.2	23.3	20.0	21.5
12	22.7	20.6	21.6	24.8	22.4	23.7	23.6	21.3	22.4	22.1	20.6	21.4
13	23.1	20.9	21.8	24.3	22.7	23.5	23.4	20.2	21.6	22.9	20.8	21.7
14	23.1	21.0	21.9	24.8	23.0	23.7	23.0	20.0	21.3	22.8	21.0	21.9
15	23.3	21.2	22.0	24.6	21.9	23.1	23.7	20.4	22.0	22.0	20.4	21.2
16	22.2	21.1	21.6	24.6	22.5	23.5	24.1	21.3	22.6	21.2	18.6	19.7
17	23.0	20.8	21.8	23.5	20.9	22.1	24.4	21.4	22.7	19.8	17.1	18.5
18	23.3	20.9	22.0	23.3	20.5	21.8	25.1	21.6	23.1	20.3	17.0	18.8
19	22.8	21.4	22.0	23.9	21.3	22.6	24.4	22.1	23.1	20.5	17.1	18.8
20	24.0	21.0	22.6	25.9	21.9	23.4	23.5	20.5	22.0	22.3	19.3	20.6
21	23.7	21.9	22.8	24.8	22.8	23.5	23.8	21.0	22.2	22.3	20.8	21.5
22	23.0	22.0	22.5	24.5	21.8	23.0	23.3	21.1	22.2	22.0	21.0	21.6
23	23.4	21.0	22.1	23.3	21.6	22.5	23.8	20.5	22.4	23.3	20.7	21.4
24	23.3	20.9	22.1	23.3	20.7	22.0	23.5	21.0	22.2	22.6	21.3	21.9
25	22.9	21.1	22.0	22.9	20.8	21.6	23.9	21.6	22.6	22.4	20.2	21.8
26	23.2	20.3	21.6	23.2	20.7	21.8	23.4	21.3	22.4	20.2	17.7	18.6
27	22.8	21.2	22.0	24.0	20.9	22.3	22.2	20.9	21.5	19.2	16.2	17.7
28	22.6	21.3	21.8	24.0	21.0	22.5	23.0	20.8	21.8	19.3	16.5	18.1
29	21.9	21.1	21.5	23.9	21.5	22.5	25.0	21.3	22.9	18.7	16.9	18.0
30	22.0	20.4	21.0	24.0	22.2	23.1	24.3	22.0	23.0	20.7	17.5	19.1
31	---	---	---	23.5	22.5	23.0	23.8	21.5	22.5	---	---	---
MONTH	24.0	17.7	21.4	25.9	19.9	22.6	27.0	20.0	22.5	24.2	16.2	20.6
YEAR	27.0	6.5	17.4									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.4	4.4	5.6	6.4	5.0	5.6	8.9	7.7	8.2	7.0	5.4	6.0
2	6.4	5.1	5.7	6.7	5.3	5.8	8.8	7.5	8.1	6.7	3.9	5.3
3	6.3	4.5	5.7	7.6	5.4	6.1	8.3	6.6	7.5	6.3	3.9	5.1
4	6.2	4.2	5.4	6.8	5.4	6.3	8.8	6.5	7.2	7.1	3.3	5.2
5	6.4	5.3	5.8	6.8	5.8	6.2	6.9	4.7	6.2	8.1	5.5	6.9
6	6.8	5.5	6.2	6.7	5.8	6.2	9.1	5.0	7.8	8.1	6.8	7.3
7	6.8	5.8	6.2	6.4	5.7	6.0	9.5	7.7	8.6	8.4	6.8	7.3
8	6.8	5.2	5.9	6.8	5.3	6.2	9.6	7.8	8.6	8.1	6.6	7.1
9	5.8	5.1	5.4	6.5	5.3	5.8	8.7	6.8	7.8	---	---	---
10	6.4	5.2	5.6	6.4	4.7	5.7	8.2	6.5	7.4	---	---	---
11	6.1	4.5	5.5	6.3	5.0	5.9	8.7	7.0	7.7	---	---	---
12	6.3	5.3	5.8	6.8	5.7	6.1	8.4	6.1	7.5	---	---	---
13	6.5	5.6	6.0	6.8	4.7	6.1	7.6	6.1	7.1	---	---	---
14	6.6	5.6	6.1	7.2	4.7	6.2	8.9	7.4	8.3	---	---	---
15	6.9	5.8	6.5	6.9	5.0	6.2	9.0	8.0	8.4	---	---	---
16	7.0	5.9	6.4	7.5	6.3	6.9	9.4	7.9	8.7	---	---	---
17	7.0	5.7	6.3	8.7	6.2	7.1	9.5	8.4	8.9	---	---	---
18	7.0	5.9	6.5	7.6	5.6	6.7	9.0	7.8	8.6	---	---	---
19	7.3	6.5	6.8	7.4	5.8	6.4	9.8	7.3	8.4	---	---	---
20	7.4	6.4	6.9	6.4	5.6	5.9	8.7	7.0	7.8	---	---	---
21	8.1	6.5	7.1	7.0	5.1	6.0	8.4	6.1	7.9	---	---	---
22	7.1	6.2	6.7	6.9	5.4	6.0	9.2	8.2	8.6	8.2	5.4	6.5
23	7.4	6.3	6.8	7.2	5.6	6.1	9.4	8.1	8.7	9.1	8.2	8.8
24	8.3	6.7	7.4	7.5	5.9	6.4	9.5	8.1	8.7	9.2	8.6	8.8
25	7.9	7.1	7.4	7.0	5.8	6.2	9.5	8.4	8.8	9.9	8.6	9.3
26	8.2	7.1	7.5	8.0	5.8	6.8	8.6	3.3	7.4	---	---	---
27	7.5	6.6	7.1	8.6	6.4	7.5	9.0	7.9	8.3	---	---	---
28	7.0	6.5	6.8	8.5	7.2	7.7	8.8	7.7	8.2	---	---	---
29	7.3	6.0	6.7	8.7	7.3	7.8	10.3	7.3	8.1	---	---	---
30	7.0	5.7	6.4	10.4	7.8	8.3	8.7	7.1	7.7	---	---	---
31	6.4	5.4	5.9	---	---	---	7.7	6.2	7.0	---	---	---
MONTH	8.3	4.2	6.3	10.4	4.7	6.4	10.3	3.3	8.0	---	---	---

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, 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
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	8.5	7.1	7.7	7.3	5.9	6.7	8.6	6.5	7.4
2	10.0	7.5	8.9	9.9	7.6	8.5	7.6	5.8	6.8	7.7	4.9	6.8
3	9.6	8.1	8.9	12.6	4.4	7.3	7.3	6.0	6.7	7.3	6.1	6.6
4	9.7	8.3	8.8	6.7	4.4	5.5	6.7	5.3	6.3	7.2	5.9	6.5
5	9.9	8.3	8.9	11.6	5.8	8.4	6.8	5.5	6.3	7.4	5.7	6.4
6	9.8	8.0	8.8	---	---	---	6.7	5.3	6.1	7.0	5.2	6.2
7	9.5	8.3	8.8	---	---	---	6.6	2.2	5.1	7.1	5.0	6.3
8	9.4	7.7	8.5	---	---	---	7.0	2.2	6.1	7.1	4.0	6.2
9	9.4	7.7	8.3	---	---	---	7.4	6.0	6.8	6.9	5.2	6.2
10	9.4	5.8	7.8	---	---	---	7.1	6.0	6.6	7.1	5.7	6.3
11	8.8	3.4	6.1	---	---	---	7.4	6.2	6.9	7.0	5.2	6.4
12	8.9	2.1	4.9	---	---	---	7.9	6.3	6.6	7.0	5.2	6.2
13	7.2	3.7	6.1	---	---	---	7.1	6.2	6.7	6.9	5.6	6.2
14	7.3	3.9	5.8	---	---	---	7.5	6.6	7.0	7.4	5.9	6.7
15	9.1	6.5	7.7	---	---	---	7.6	6.6	7.1	8.1	6.6	7.4
16	6.7	5.4	6.2	11.5	4.2	6.9	7.3	5.7	6.7	7.7	6.2	6.9
17	8.2	5.1	7.0	11.5	4.1	6.2	7.0	4.0	6.2	8.6	5.2	6.4
18	10.3	4.0	5.9	8.5	5.1	6.5	7.2	6.1	6.5	6.8	5.7	6.2
19	9.0	3.3	6.6	9.1	4.9	7.1	7.0	5.8	6.4	6.7	5.9	6.3
20	9.3	6.9	8.1	8.1	5.1	6.4	6.4	5.4	6.0	6.8	5.4	6.2
21	9.4	7.2	8.1	7.7	4.8	5.8	7.0	5.6	6.4	6.5	5.2	5.7
22	9.5	4.6	7.4	8.4	3.6	5.2	7.7	6.6	7.1	7.0	5.3	6.3
23	9.0	5.5	7.3	5.9	2.5	4.8	7.6	6.8	7.2	7.5	5.8	6.4
24	9.7	3.9	7.0	6.8	3.7	5.2	7.4	6.7	7.0	7.3	5.8	6.2
25	10.2	2.6	6.3	5.4	3.0	4.4	7.8	6.9	7.4	7.1	5.8	6.2
26	8.5	2.5	5.9	6.1	3.7	5.0	8.1	4.0	7.7	6.7	5.7	6.1
27	6.9	4.6	6.1	6.0	4.0	4.8	8.3	6.8	7.7	7.1	5.9	6.4
28	9.6	6.8	8.6	7.2	4.9	5.8	7.8	6.8	7.2	6.7	5.8	6.3
29	10.2	7.5	8.6	7.6	3.8	5.9	8.1	6.9	7.4	7.4	6.3	7.0
30	---	---	---	6.9	5.4	6.0	7.4	6.9	7.1	8.2	6.9	7.4
31	---	---	---	6.9	5.1	6.1	---	---	---	8.0	6.9	7.4
MONTH	---	---	---	---	---	---	8.3	2.2	6.7	8.6	4.0	6.5
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.9	6.8	7.3	8.3	7.4	7.8	5.6	4.4	5.1	6.0	4.5	5.1
2	7.8	6.8	7.2	8.3	7.3	7.7	6.2	4.6	5.2	6.1	4.6	5.3
3	7.7	6.6	7.1	8.5	7.4	7.9	6.2	4.7	5.4	5.7	4.7	5.1
4	7.1	6.1	6.6	8.3	7.4	7.8	6.0	5.0	5.4	5.7	4.7	5.1
5	7.3	6.1	6.4	8.4	7.3	7.8	6.4	4.9	5.6	6.3	4.6	5.5
6	7.7	6.3	7.0	7.7	6.4	7.1	6.5	5.1	5.8	6.3	5.0	5.5
7	7.7	6.5	7.1	7.2	6.2	6.7	6.7	5.4	6.1	6.9	5.6	6.1
8	7.8	6.7	7.2	7.5	6.3	6.8	6.6	5.1	5.9	6.6	5.8	6.2
9	7.9	6.8	7.3	7.4	6.2	6.7	6.6	5.6	6.0	6.9	5.7	6.2
10	7.8	6.7	7.2	7.1	5.9	6.4	8.2	4.4	6.1	6.6	5.3	6.0
11	7.7	6.7	7.1	7.1	5.7	6.4	6.6	5.2	5.8	6.9	5.5	6.1
12	7.7	6.6	7.1	7.2	6.1	6.8	6.5	5.1	5.8	6.4	5.4	5.9
13	7.7	6.6	7.1	7.1	5.8	6.4	6.8	5.2	5.8	7.2	5.3	6.1
14	7.6	6.6	7.1	6.9	5.7	6.2	6.8	5.3	6.0	6.8	5.7	6.3
15	7.5	6.4	6.8	7.0	6.0	6.3	7.0	5.6	6.2	7.1	5.8	6.3
16	7.2	6.3	6.7	7.2	6.0	6.8	7.0	5.8	6.4	7.3	6.6	7.0
17	7.5	6.3	6.9	7.4	6.3	6.8	6.6	5.3	5.8	8.0	6.5	7.1
18	7.4	6.5	6.9	7.9	6.5	6.9	6.4	5.2	5.6	7.8	6.5	7.1
19	8.1	6.5	7.0	7.4	6.4	6.8	6.2	5.3	5.6	7.4	6.4	6.8
20	7.5	6.4	7.0	7.1	6.3	6.7	6.1	5.5	5.8	6.8	5.9	6.3
21	7.4	6.2	6.8	6.6	3.8	5.5	6.6	5.4	5.9	6.5	5.5	6.0
22	7.8	6.2	7.1	5.6	3.7	4.6	6.6	5.7	6.1	6.5	5.5	6.0
23	8.0	6.9	7.4	5.4	4.2	4.8	6.9	5.6	6.1	6.6	5.5	5.9
24	8.1	6.9	7.5	6.0	4.3	5.1	6.3	5.8	6.0	6.5	5.1	5.9
25	8.0	6.1	7.4	5.7	4.6	5.1	6.5	6.0	6.2	6.4	5.1	5.8
26	8.2	7.0	7.7	5.6	4.4	4.9	6.8	6.5	6.6	7.5	5.4	6.6
27	7.9	6.7	7.2	6.1	4.5	5.3	6.6	4.7	6.1	8.6	6.6	7.0
28	7.6	6.7	7.1	6.1	4.5	5.3	6.7	6.0	6.2	7.6	6.7	7.2
29	8.0	7.1	7.5	5.6	4.6	5.0	6.1	4.4	5.5	8.3	7.1	7.6
30	8.5	7.2	8.0	5.7	4.3	5.2	5.3	4.1	4.6	7.9	6.8	7.3
31	---	---	---	5.4	4.3	5.0	6.1	4.4	4.9	---	---	---
MONTH	8.5	6.1	7.1	8.5	3.7	6.3	8.2	4.1	5.8	8.6	4.5	6.2

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 mi^2.

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.--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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.2	29	8.6	9.0	31	21	36	17	8.1	9.0	10	5.8
2	7.6	34	7.7	9.5	25	19	333	15	7.6	7.6	9.8	5.8
3	7.8	13	9.4	11	26	19	1330	16	7.0	7.5	10	4.5
4	11	13	7.9	23	23	30	592	14	14	8.7	8.4	4.4
5	9.2	10	8.8	14	21	20	182	15	33	8.2	9.2	5.8
6	9.4	9.7	9.2	11	19	18	119	11	19	6.9	7.0	4.7
7	9.1	9.1	7.5	11	23	17	89	12	13	7.2	7.9	5.1
8	8.7	12	8.4	9.7	23	17	83	11	12	7.8	7.6	5.0
9	8.2	8.9	8.8	54	19	15	65	11	10	6.3	7.7	5.7
10	226	9.0	22	128	17	32	57	12	9.9	7.5	8.0	5.1
11	32	10	11	41	17	154	50	9.9	9.4	8.7	22	5.6
12	18	9.0	11	32	16	69	69	10	9.0	10	9.0	5.1
13	19	8.4	68	27	17	43	48	9.7	9.7	8.8	6.3	5.2
14	14	8.9	23	21	59	37	67	10	9.3	8.1	5.1	5.2
15	13	8.2	16	19	24	30	52	9.9	8.8	7.6	6.0	4.7
16	10	8.8	13	20	21	32	39	9.8	10	11	5.7	6.2
17	10	8.2	13	24	20	26	34	11	10	8.0	4.4	4.9
18	11	8.3	12	21	20	24	31	9.0	9.2	8.7	5.6	6.1
19	10	9.7	17	19	18	268	27	9.9	9.1	8.6	5.6	4.3
20	11	12	13	20	17	264	26	11	14	22	4.8	4.6
21	10	11	18	16	17	101	25	22	9.8	20	5.8	5.3
22	9.6	10	18	27	17	68	21	14	10	10	6.1	6.9
23	8.8	10	15	171	15	51	22	11	10	8.5	6.1	7.5
24	8.9	11	12	61	14	46	22	10	9.3	8.9	5.2	9.0
25	7.2	8.3	13	41	14	37	20	9.3	11	8.0	5.5	7.5
26	9.7	8.8	12	34	13	36	19	8.3	11	8.5	6.7	6.8
27	7.2	8.9	12	29	59	35	17	9.8	8.1	12	5.6	5.9
28	8.5	8.4	11	29	26	30	25	7.9	7.8	9.2	6.8	6.7
29	8.2	9.3	12	50	22	27	17	9.1	11	7.3	6.7	12
30	7.1	8.1	10	41	---	94	16	8.7	12	14	4.9	15
31	7.2	---	10	33	---	45	---	7.6	---	17	5.2	---
TOTAL	544.6	333.0	438.3	1056.2	653	1725	3533	351.9	332.1	301.6	224.7	186.4
MEAN	17.6	11.1	14.1	34.1	22.5	55.6	118	11.4	11.1	9.73	7.25	6.21
MAX	226	34	68	171	59	268	1330	22	33	22	22	15
MIN	7.1	8.1	7.5	9.0	13	15	16	7.6	7.0	6.3	4.4	4.3
CFSM	.91	.57	.73	1.76	1.16	2.87	6.07	.59	.57	.50	.37	.32
IN.	1.04	.64	.84	2.03	1.25	3.31	6.77	.67	.64	.58	.43	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2000, BY WATER YEAR (WY)

MEAN	19.5	30.7	32.6	63.7	65.1	71.7	47.9	22.9	33.9	29.4	14.3	18.6
MAX	49.2	93.7	66.5	147	163	126	118	56.1	116	99.7	33.8	60.4
(WY)	1996	1993	1993	1998	1990	1996	2000	1991	1999	1989	1998	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
(WY)	1992	2000	1981	1981	2000	1992	1990	1988	1988	1995	1988	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1981 - 2000	
ANNUAL TOTAL	13819.1		9679.8			
ANNUAL MEAN	37.9		26.4		37.7	
HIGHEST ANNUAL MEAN					50.7	1998
LOWEST ANNUAL MEAN					24.6	1992
HIGHEST DAILY MEAN	1490	Jun 28	1330	Apr 3	1510	Jan 7 1998
LOWEST DAILY MEAN	5.8	Sep 25	4.3	Sep 19	4.3	Sep 19 2000
ANNUAL SEVEN-DAY MINIMUM	6.8	Sep 1	5.0	Sep 3	4.9	Sep 24 1981
INSTANTANEOUS PEAK FLOW			1880	Apr 3	3100	Jun 28 1999
INSTANTANEOUS PEAK STAGE			10.22	Apr 3	12.11	Jun 28 1999
ANNUAL RUNOFF (CFSM)	1.95		1.36		1.94	
ANNUAL RUNOFF (INCHES)	26.50		18.56		26.40	
10 PERCENT EXCEEDS	70		41		67	
50 PERCENT EXCEEDS	20		11		20	
90 PERCENT EXCEEDS	8.0		6.2		8.1	

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.
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, 4.5°C, Feb. 3, 1996.
DISSOLVED OXYGEN: Maximum, 14.8 mg/L, Jan. 10-12, 1994; minimum, 2.0 mg/L, Sept. 9, 1988.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 480 microSiemens, Dec. 9, 10; minimum, 91 microSiemens, Apr. 3.
WATER TEMPERATURE: Maximum, 26.0°C, Aug. 11; minimum, 6.7°C, Jan. 23.
DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Dec. 29; minimum, 4.0 mg/L, June 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	438	372	399	445	261	396	449	408	428	437	407	422
2	422	372	397	385	238	308	456	412	428	444	428	436
3	440	390	414	401	353	375	455	422	441	461	429	447
4	448	387	414	430	370	406	446	426	437	441	321	381
5	429	379	404	423	387	406	454	418	433	407	331	367
6	429	371	403	420	405	411	437	404	423	432	398	413
7	426	362	383	427	394	406	435	405	418	428	407	417
8	443	398	422	456	422	442	439	413	428	430	407	420
9	435	383	403	441	407	422	480	386	409	426	226	329
10	444	106	235	434	404	423	480	342	395	274	166	224
11	355	230	296	441	424	432	401	357	381	351	274	315
12	409	324	366	449	405	431	413	381	401	411	351	372
13	440	375	404	440	413	425	413	216	284	400	386	393
14	424	375	394	460	403	425	379	336	360	410	397	403
15	434	384	412	451	419	428	410	379	395	417	392	407
16	441	384	410	452	413	433	431	398	411	431	405	421
17	451	391	409	434	415	425	429	418	423	424	386	403
18	446	400	424	442	387	404	435	420	426	403	375	390
19	433	407	420	470	426	446	421	399	408	409	399	403
20	425	384	408	443	384	418	418	375	399	442	389	411
21	439	389	420	423	385	404	418	375	397	416	397	406
22	430	395	417	430	386	417	406	376	390	422	246	401
23	425	397	412	440	394	421	435	406	420	248	174	209
24	458	396	425	427	392	403	421	403	412	322	248	292
25	454	394	415	430	403	420	434	421	427	362	319	338
26	471	396	424	435	398	418	434	422	427	382	338	364
27	469	396	429	439	400	424	444	429	439	392	360	382
28	450	403	431	445	406	427	442	423	434	393	368	385
29	438	395	415	439	422	431	440	409	426	371	307	336
30	439	413	425	434	404	421	437	413	428	357	322	338
31	440	395	416	---	---	---	437	421	430	377	357	371
MONTH	471	106	401	470	238	415	480	216	412	461	166	374

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	386	367	377	414	342	380	377	355	365	438	407	420
2	401	383	390	408	364	392	375	122	209	438	396	416
3	412	387	395	407	355	393	130	91	107	445	403	417
4	409	395	401	357	288	333	234	114	172	421	406	414
5	413	399	404	402	343	383	289	234	266	451	405	419
6	420	394	404	413	379	401	318	289	304	417	395	407
7	420	393	412	414	381	404	336	317	327	443	397	421
8	403	371	385	420	393	410	343	329	335	430	396	411
9	409	374	389	420	401	412	359	342	351	425	397	412
10	415	386	400	415	285	362	368	359	364	451	401	420
11	427	396	413	325	191	226	378	368	373	437	400	413
12	432	402	417	321	256	294	381	276	333	420	401	412
13	436	293	415	357	313	335	372	340	359	418	401	410
14	308	212	281	375	336	359	373	248	332	458	387	422
15	377	304	350	383	355	375	374	338	355	442	410	427
16	402	348	382	396	360	384	388	347	366	410	386	401
17	413	368	395	400	367	391	393	361	378	450	400	422
18	415	369	399	411	382	399	396	369	386	426	386	401
19	414	378	403	406	107	265	408	381	393	442	404	423
20	424	378	406	271	124	200	408	383	397	429	374	410
21	442	394	418	311	271	291	416	384	398	388	313	353
22	450	415	430	344	311	326	416	391	403	411	321	374
23	452	398	426	367	328	346	420	391	405	442	370	399
24	461	399	423	377	346	367	418	390	403	450	390	411
25	432	404	418	384	373	379	417	382	398	449	399	416
26	441	404	421	391	370	386	414	389	402	416	402	408
27	416	204	294	396	351	383	424	388	410	440	404	423
28	365	287	321	397	374	388	412	360	391	417	397	408
29	374	318	354	411	380	396	400	375	391	431	407	416
30	---	---	---	413	187	285	438	393	401	428	398	417
31	---	---	---	355	315	333	---	---	---	424	396	409
MONTH	461	204	390	420	107	354	438	91	349	458	313	411
	JUNE			JULY			AUGUST			SEPTEMBER		
1	436	398	412	---	---	---	389	345	373	405	368	392
2	462	396	424	---	---	---	431	361	392	405	369	390
3	422	395	407	---	---	---	437	375	405	407	365	383
4	412	315	370	---	---	---	437	364	397	388	369	380
5	358	243	294	---	---	---	441	377	414	427	386	402
6	378	292	343	---	---	---	432	270	362	421	384	404
7	395	369	383	442	410	426	433	352	408	419	383	401
8	408	385	396	450	418	434	---	---	---	425	386	406
9	409	392	400	442	400	422	---	---	---	424	403	413
10	413	390	401	427	363	411	---	---	---	436	396	412
11	413	392	404	428	363	409	---	---	---	442	400	422
12	417	393	409	451	403	431	---	---	---	444	405	427
13	423	394	410	447	391	410	---	---	---	464	413	429
14	438	396	414	440	397	413	---	---	---	452	408	434
15	420	398	411	443	398	420	---	---	---	437	399	420
16	439	395	413	437	375	424	---	---	---	460	424	438
17	421	387	404	428	394	412	---	---	---	429	396	414
18	429	398	410	454	402	424	---	---	---	451	412	432
19	425	396	414	454	414	431	---	---	---	450	362	411
20	432	376	390	438	243	397	448	380	405	421	394	411
21	396	358	378	387	257	335	433	355	397	449	406	428
22	432	391	407	422	356	390	446	408	420	439	406	426
23	440	414	426	413	372	392	428	280	392	439	354	393
24	465	432	446	440	372	402	427	324	394	421	316	375
25	466	401	446	438	387	410	427	383	396	415	380	401
26	---	---	---	424	384	402	413	390	398	427	379	408
27	---	---	---	422	354	396	415	383	397	428	385	405
28	---	---	---	446	386	416	403	369	383	442	400	418
29	---	---	---	437	384	398	409	359	381	440	364	400
30	---	---	---	417	340	393	406	366	388	415	333	370
31	---	---	---	369	286	341	384	357	375	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	464	316	408

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	18.3	15.9	17.2	17.9	17.1	17.7	11.0	9.5	10.1	13.9	12.3	13.2
2	18.8	16.2	17.6	17.1	14.8	16.3	11.2	9.0	10.3	15.3	13.6	14.5
3	20.5	17.7	19.1	14.8	12.7	13.5	13.0	10.9	11.9	16.8	15.2	16.0
4	21.1	19.8	20.4	13.7	11.7	12.8	14.4	12.8	13.5	16.8	13.2	15.3
5	19.8	17.9	18.7	13.9	12.3	13.2	14.4	13.8	14.1	13.2	10.6	11.6
6	18.8	15.8	17.4	14.4	12.6	13.6	14.0	11.1	12.8	10.9	9.3	10.3
7	18.6	17.0	17.9	15.6	13.5	14.7	11.2	9.5	10.4	11.0	9.2	10.2
8	19.7	18.1	18.8	16.1	14.5	15.4	11.6	9.6	10.8	11.9	10.1	10.9
9	20.0	19.3	19.6	16.6	14.6	15.8	14.6	11.6	12.8	13.8	11.9	12.9
10	21.4	19.8	20.7	16.9	15.1	16.0	14.7	13.7	14.0	13.9	12.7	13.5
11	21.0	19.7	20.3	17.1	15.6	16.3	13.9	12.7	13.4	13.7	11.6	12.7
12	20.3	18.8	19.7	16.5	14.7	15.7	15.2	13.3	14.2	14.3	12.0	13.1
13	20.4	19.3	19.7	15.8	14.8	15.3	15.5	14.5	15.1	15.1	13.4	14.3
14	20.0	18.6	19.4	15.9	14.1	15.1	14.6	13.3	13.9	13.4	10.9	11.7
15	19.3	17.6	18.6	15.8	13.7	14.8	13.3	12.1	12.7	11.6	9.2	10.7
16	19.6	18.1	18.9	13.9	12.2	13.1	12.3	10.7	11.3	13.3	10.7	11.7
17	19.8	18.1	19.0	12.9	11.3	12.1	11.4	9.7	10.7	13.6	13.2	13.4
18	19.4	17.9	18.4	13.0	10.7	11.8	11.5	11.0	11.3	14.1	13.2	13.6
19	17.9	16.9	17.5	15.0	13.0	13.9	13.5	11.2	12.4	13.2	12.0	12.3
20	17.7	16.4	17.0	15.8	15.0	15.4	13.9	13.4	13.6	12.3	10.5	11.7
21	16.4	14.6	15.5	16.6	15.5	16.0	13.6	11.4	12.5	10.5	8.6	9.4
22	16.2	14.2	15.3	17.6	16.0	16.6	11.4	10.4	10.9	9.1	7.1	8.8
23	16.2	14.0	14.9	17.1	15.8	16.4	10.8	9.2	10.1	8.8	6.7	7.5
24	14.0	12.3	13.2	16.8	15.7	16.3	10.1	9.2	9.7	10.5	8.8	9.6
25	13.9	11.9	13.0	16.9	16.0	16.4	9.3	8.2	8.8	9.9	8.1	9.0
26	14.9	12.4	13.6	16.0	13.7	14.9	10.1	7.9	9.0	9.1	7.7	8.4
27	15.4	13.0	14.3	13.7	11.8	12.8	9.8	8.9	9.5	9.6	7.7	8.6
28	16.1	14.2	15.3	13.9	11.7	12.8	9.8	9.0	9.4	9.4	8.4	8.7
29	16.1	15.0	15.6	13.6	12.2	12.8	9.8	8.2	9.1	8.7	7.8	8.3
30	16.9	15.2	16.0	12.2	10.4	11.1	11.1	8.5	9.9	9.4	8.4	8.9
31	17.9	16.2	17.2	---	---	---	12.7	10.7	11.7	9.7	8.4	9.1
MONTH	21.4	11.9	17.4	17.9	10.4	14.6	15.5	7.9	11.6	16.8	6.7	11.3
		FEBRUARY			MARCH			APRIL			MAY	
1	10.4	8.2	9.3	17.3	14.3	15.7	18.5	15.7	17.0	18.6	16.6	17.7
2	10.3	8.7	9.6	16.4	13.8	15.4	17.8	16.0	17.0	18.9	17.6	18.3
3	11.2	8.0	9.7	15.7	13.7	14.8	17.8	16.0	17.2	20.0	18.4	19.1
4	11.1	9.2	10.2	15.8	13.9	14.9	16.1	14.6	15.4	20.1	19.0	19.6
5	10.6	8.9	9.8	16.0	12.6	14.5	16.2	12.9	14.6	20.9	19.4	20.2
6	10.8	8.0	9.5	16.5	13.0	15.0	17.8	14.5	16.1	20.8	19.5	20.2
7	11.3	8.6	10.0	16.9	13.7	15.6	17.9	16.0	16.8	20.8	19.3	20.1
8	12.0	9.5	10.7	17.8	14.7	16.4	17.0	14.1	15.8	21.0	19.2	20.2
9	12.7	10.2	11.6	17.4	15.9	16.7	16.5	13.0	14.6	20.9	19.6	20.3
10	13.4	10.4	12.0	17.1	16.1	16.6	17.1	13.8	15.3	20.7	20.0	20.3
11	15.2	12.7	14.1	16.3	13.8	15.2	17.1	15.3	16.2	21.1	18.9	20.1
12	15.8	14.3	14.9	14.8	12.1	13.4	16.6	16.0	16.2	21.9	20.4	21.1
13	15.5	13.7	14.6	15.1	11.9	13.5	16.0	15.6	15.8	22.2	20.8	21.5
14	15.3	13.8	14.6	16.0	12.5	14.2	15.7	13.7	14.8	21.4	19.3	20.1
15	14.4	11.5	13.3	16.8	14.3	15.6	16.6	14.9	15.6	19.4	17.4	18.5
16	14.9	13.0	14.1	17.2	15.7	16.4	18.1	15.2	16.5	19.7	17.7	18.9
17	14.9	13.2	14.1	17.5	15.4	16.4	18.8	16.4	17.5	20.9	18.5	19.8
18	16.4	14.9	15.6	16.0	14.1	15.0	18.7	15.7	17.1	21.7	19.8	20.9
19	16.5	13.3	15.2	14.8	12.6	13.5	18.7	15.6	17.2	21.7	20.7	21.2
20	13.7	11.5	12.7	14.6	12.6	13.5	18.7	16.8	17.8	21.4	20.4	21.0
21	13.6	10.7	12.3	16.3	12.7	14.5	18.6	16.2	17.0	21.7	20.7	21.2
22	14.7	12.0	13.4	17.6	14.5	15.8	17.0	14.7	16.0	21.4	20.3	20.9
23	15.3	13.1	14.2	18.0	14.5	16.1	16.6	15.4	15.9	21.6	19.9	20.8
24	16.9	14.4	15.7	18.6	15.6	16.9	17.2	15.6	16.3	22.3	20.7	21.5
25	17.2	14.9	16.3	18.2	15.9	17.1	16.8	15.5	16.1	22.8	21.1	22.0
26	17.0	15.4	16.3	18.2	16.8	17.4	17.0	14.9	16.1	22.4	21.4	21.8
27	16.7	14.6	15.8	17.5	15.9	16.8	17.2	15.0	16.2	23.3	21.4	22.3
28	15.6	12.8	14.3	17.4	14.4	16.0	17.1	16.0	16.6	22.8	21.4	22.0
29	15.6	12.3	14.1	16.4	14.6	15.3	17.3	15.1	16.4	21.4	19.8	20.5
30	---	---	---	15.9	12.3	14.4	18.3	16.0	17.2	21.2	19.0	20.2
31	---	---	---	18.4	14.7	16.3	---	---	---	21.7	19.4	20.6
MONTH	17.2	8.0	13.0	18.6	11.9	15.4	18.8	12.9	16.3	23.3	16.6	20.4

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	22.3	19.6	21.0	22.9	20.3	21.7	23.9	22.6	23.2	24.0	22.8	23.3
2	22.3	20.4	21.5	23.0	20.4	21.8	23.4	22.7	23.1	23.5	22.5	22.9
3	22.4	20.4	21.5	23.4	20.8	22.2	23.7	22.4	23.1	24.3	22.1	23.0
4	22.0	21.2	21.5	23.6	21.9	22.9	23.6	22.4	23.0	24.6	22.3	23.1
5	21.7	20.8	21.3	24.0	21.9	23.0	23.5	22.0	22.9	24.0	22.6	23.1
6	21.2	19.7	20.2	24.5	22.2	23.4	24.6	22.5	23.6	23.0	20.6	21.9
7	20.1	18.1	19.2	25.1	22.9	23.9	25.1	23.0	24.2	20.6	20.2	20.4
8	20.9	18.8	19.9	24.4	22.5	23.6	25.3	23.5	24.4	21.7	20.3	20.9
9	21.4	19.5	20.5	25.3	23.4	24.2	24.9	23.8	24.3	21.9	21.0	21.5
10	22.1	20.0	21.2	24.7	23.5	24.0	25.3	23.2	24.2	22.5	21.5	22.0
11	22.5	20.5	21.6	24.8	23.1	24.1	26.0	23.4	24.5	23.2	21.1	22.0
12	22.7	20.9	22.0	25.4	23.0	24.3	24.2	22.2	23.0	22.7	22.0	22.3
13	22.8	21.4	22.2	25.3	23.5	24.4	22.9	20.8	22.0	23.1	22.0	22.4
14	23.3	21.5	22.5	25.7	23.5	24.6	23.1	20.8	22.0	23.1	21.9	22.5
15	23.4	21.8	22.6	25.2	23.0	24.2	23.4	21.2	22.5	22.7	20.5	21.8
16	22.7	21.9	22.2	25.2	22.9	24.1	24.7	22.0	23.4	20.7	18.7	19.9
17	23.0	21.4	22.3	23.9	21.9	23.0	25.0	22.7	23.9	20.0	17.5	18.7
18	23.4	21.4	22.5	23.3	21.7	22.5	25.3	23.4	24.4	20.1	17.5	18.8
19	23.1	22.1	22.5	24.4	22.4	23.5	25.5	23.8	24.5	20.8	17.6	19.2
20	23.9	21.5	22.8	25.4	23.3	24.2	24.2	21.9	23.1	22.6	19.9	21.2
21	24.1	22.6	23.4	24.6	22.8	23.8	23.8	22.4	23.0	22.9	21.6	22.1
22	23.7	22.7	23.2	24.5	22.8	23.7	23.9	22.3	23.1	22.5	21.8	22.1
23	23.7	21.5	22.6	23.9	22.5	23.2	23.4	22.1	22.9	22.7	21.7	22.0
24	23.7	21.5	22.7	23.2	22.0	22.6	23.9	22.2	23.1	22.8	21.6	22.2
25	23.3	22.3	22.7	23.3	21.9	22.5	24.3	22.7	23.4	22.6	20.5	22.0
26	23.4	21.2	22.2	23.5	21.9	22.6	23.3	22.1	22.8	20.5	17.6	19.0
27	23.3	21.6	22.5	23.8	21.6	22.7	23.0	21.9	22.4	19.0	16.9	17.8
28	22.8	22.0	22.4	24.0	22.0	23.1	23.5	21.9	22.7	19.4	17.2	18.1
29	22.9	21.8	22.2	24.6	22.7	23.6	24.6	22.3	23.4	18.7	17.3	18.1
30	22.5	20.6	21.5	24.0	22.8	23.5	25.0	23.2	24.0	19.9	17.9	18.7
31	---	---	---	23.8	22.5	23.2	23.9	22.5	23.2	---	---	---
MONTH	24.1	18.1	21.9	25.7	20.3	23.4	26.0	20.8	23.3	24.6	16.9	21.1
YEAR	26.0	6.7	17.5									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	7.0	7.4	7.1	5.9	6.3	8.8	7.5	8.0	9.2	7.9	8.4
2	8.1	7.0	7.5	7.4	6.7	7.0	9.0	7.6	8.1	9.3	7.6	8.2
3	8.0	6.7	7.4	8.2	6.9	7.5	8.3	7.0	7.6	9.0	7.4	8.0
4	7.4	6.3	6.8	8.5	7.4	8.0	8.3	6.6	7.2	8.2	7.3	7.7
5	7.9	7.0	7.3	8.2	7.6	7.8	7.5	6.5	6.9	8.9	7.5	8.1
6	8.4	7.2	7.7	8.3	7.3	7.8	8.3	6.6	7.3	9.3	8.1	8.6
7	8.4	7.2	7.7	7.9	7.0	7.4	9.2	7.6	8.3	9.3	8.2	8.6
8	8.3	6.8	7.4	8.1	6.9	7.4	9.5	8.0	8.5	9.4	8.2	8.6
9	6.9	6.4	6.7	7.6	6.7	7.0	8.9	7.4	8.0	8.3	8.0	8.1
10	7.9	6.8	7.2	7.5	6.6	6.9	8.0	7.1	7.7	8.1	7.8	8.0
11	7.6	6.9	7.2	7.7	6.6	7.0	8.4	7.5	7.8	---	---	---
12	7.8	7.1	7.4	7.6	6.7	7.0	8.8	7.4	7.9	---	---	---
13	7.7	7.1	7.5	7.7	6.7	7.1	8.1	7.4	7.8	---	---	---
14	7.7	7.1	7.4	8.0	6.8	7.3	8.6	7.9	8.2	---	---	---
15	8.2	7.0	7.5	8.0	6.8	7.3	9.1	8.1	8.5	---	---	---
16	7.7	6.8	7.2	8.7	7.4	8.0	9.7	8.3	8.9	---	---	---
17	7.5	6.8	7.0	9.1	7.9	8.4	10.0	8.9	9.3	---	---	---
18	7.7	6.7	7.2	9.1	7.9	8.4	9.5	8.7	9.1	---	---	---
19	8.1	7.1	7.5	8.6	7.0	7.7	9.7	8.3	9.0	---	---	---
20	7.8	7.1	7.4	7.6	6.4	6.8	9.0	7.9	8.4	---	---	---
21	8.5	7.5	8.0	7.6	6.2	6.7	8.9	8.3	8.6	---	---	---
22	8.5	7.4	8.0	7.5	6.0	6.5	9.8	8.9	9.3	7.0	6.6	6.8
23	8.4	7.4	7.9	7.4	5.9	6.4	10.2	9.2	9.6	6.9	6.3	6.4
24	9.1	8.0	8.6	7.4	5.9	6.5	10.2	9.2	9.6	6.9	6.5	6.7
25	8.9	8.3	8.5	6.9	5.2	6.0	10.6	9.5	9.9	7.0	6.5	6.7
26	8.9	8.2	8.5	7.4	5.6	6.4	10.5	9.5	9.9	7.0	6.6	6.7
27	8.6	7.7	8.2	8.1	6.6	7.2	10.4	9.5	9.8	7.1	6.6	6.8
28	8.3	7.5	7.8	8.1	6.7	7.3	10.5	9.3	9.8	7.0	6.6	6.8
29	8.0	7.1	7.6	8.1	6.6	7.2	12.3	9.1	9.8	6.8	6.6	6.7
30	7.9	6.9	7.4	8.4	6.8	7.5	10.3	8.7	9.3	7.0	6.6	6.8
31	7.2	6.3	6.8	---	---	---	9.7	8.3	8.8	7.0	6.7	6.8
MONTH	9.1	6.3	7.5	9.1	5.2	7.2	12.3	6.5	8.6	---	---	---

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, 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
		FEBRUARY			MARCH			APRIL			MAY	
1	12.1	6.7	8.3	10.6	8.1	9.1	7.9	6.9	7.3	9.6	7.9	8.6
2	10.1	9.2	9.6	11.2	8.0	9.3	7.6	6.9	7.2	9.1	8.1	8.5
3	10.2	9.2	9.6	10.6	8.1	9.0	7.3	6.7	7.0	8.9	8.0	8.3
4	10.1	9.2	9.6	9.3	8.0	8.6	7.7	7.2	7.5	8.8	7.8	8.2
5	10.6	9.5	10.0	10.4	8.0	9.0	8.4	7.6	8.0	8.6	7.6	8.1
6	11.0	9.7	10.2	10.5	7.9	9.0	8.1	7.3	7.8	8.5	7.5	7.9
7	11.0	9.9	10.3	10.7	7.9	9.0	7.8	7.3	7.5	8.5	7.5	7.9
8	10.8	9.7	10.2	10.4	7.6	8.7	8.2	7.3	7.7	8.5	7.5	7.9
9	10.9	9.3	10.1	9.7	7.5	8.3	8.6	7.8	8.3	8.4	7.5	7.8
10	10.9	9.3	10.0	8.3	7.3	7.9	8.4	7.7	8.0	8.1	7.2	7.7
11	10.5	8.8	9.5	8.8	8.3	8.6	8.0	7.5	7.8	8.1	6.7	7.7
12	10.5	8.8	9.4	9.8	8.8	9.3	7.6	7.2	7.4	8.2	7.2	7.6
13	10.3	9.0	9.5	10.1	8.6	9.2	7.7	7.2	7.5	8.0	7.0	7.4
14	9.6	9.1	9.4	10.5	8.7	9.3	8.2	7.5	7.8	8.5	7.3	7.9
15	11.0	9.2	10.0	10.1	8.1	8.9	8.0	7.5	7.7	9.0	7.8	8.3
16	10.4	9.1	9.7	9.0	8.0	8.4	7.9	7.1	7.6	8.8	7.7	8.2
17	11.0	8.9	9.7	9.9	7.9	8.6	7.6	7.0	7.3	8.6	7.6	8.0
18	10.4	8.8	9.5	10.0	7.9	8.9	7.9	7.2	7.5	8.5	7.4	7.9
19	10.7	8.6	9.5	9.8	8.2	9.0	8.0	7.1	7.6	8.2	7.4	7.7
20	11.9	9.4	10.4	9.2	8.9	9.0	7.7	7.2	7.4	8.2	6.7	7.6
21	11.9	9.7	10.6	9.5	8.4	9.1	7.9	7.1	7.6	7.8	6.5	7.1
22	11.8	9.5	10.4	9.2	8.0	8.6	8.4	7.7	8.0	8.0	6.5	7.2
23	11.7	9.1	10.1	8.8	7.7	8.3	8.3	7.7	8.0	8.3	7.3	7.7
24	11.2	8.6	9.6	8.9	7.1	8.0	8.3	7.8	8.0	8.2	7.3	7.7
25	11.3	7.9	9.4	8.6	7.2	7.9	8.6	7.6	8.1	8.1	7.2	7.6
26	10.7	7.6	9.1	8.4	6.6	7.7	8.9	8.2	8.5	8.1	7.2	7.5
27	9.2	8.2	8.9	8.1	7.1	7.5	9.0	8.0	8.5	8.4	7.2	7.8
28	11.0	8.9	9.7	8.7	7.1	7.7	8.6	8.0	8.3	8.1	7.2	7.6
29	11.2	8.7	9.8	8.4	7.1	7.7	8.9	8.1	8.4	8.7	7.7	8.2
30	---	---	---	8.6	7.3	7.8	8.9	8.0	8.4	8.8	6.4	7.8
31	---	---	---	7.9	7.0	7.5	---	---	---	7.4	6.3	6.8
MONTH	12.1	6.7	9.7	11.2	6.6	8.5	9.0	6.7	7.8	9.6	6.3	7.8
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	6.3	6.7	8.9	7.7	8.3	6.9	5.9	6.3	6.5	5.5	5.9
2	7.4	6.1	6.6	9.0	7.8	8.3	6.9	5.3	5.9	6.4	5.4	5.8
3	7.4	6.1	6.6	9.1	7.7	8.4	6.1	5.2	5.6	6.6	5.3	5.8
4	6.4	5.7	6.0	8.9	7.9	8.3	6.3	5.4	5.7	6.9	5.3	5.9
5	6.5	5.6	5.9	9.0	7.8	8.3	6.5	5.4	5.9	6.7	5.4	5.9
6	6.8	5.6	6.0	9.2	6.5	7.9	6.5	5.2	5.8	6.2	5.6	5.9
7	7.0	5.3	6.0	7.5	5.9	6.7	6.5	5.1	5.8	6.6	5.9	6.3
8	7.0	5.1	5.9	6.8	5.6	6.2	6.5	5.3	5.7	7.0	6.2	6.5
9	7.0	5.1	5.9	6.3	4.9	5.6	6.3	5.4	5.7	7.2	6.2	6.5
10	7.0	4.9	5.7	---	---	---	6.6	5.5	5.9	7.2	6.2	6.6
11	6.9	4.8	5.8	---	---	---	5.8	4.9	5.3	7.4	6.3	6.8
12	6.9	4.7	5.6	---	---	---	6.3	5.1	6.0	7.1	6.2	6.7
13	6.7	4.6	5.6	---	---	---	7.1	6.0	6.4	7.9	6.3	7.1
14	6.3	4.6	5.3	---	---	---	7.2	6.0	6.5	7.5	6.8	7.2
15	6.0	4.2	4.8	---	---	---	7.1	5.9	6.4	7.7	6.8	7.2
16	5.0	4.2	4.4	---	---	---	7.1	5.6	6.3	8.3	7.1	7.7
17	6.1	4.2	4.7	---	---	---	---	---	---	8.5	7.6	8.0
18	5.5	4.1	4.8	---	---	---	---	---	---	8.5	7.7	8.1
19	8.3	4.0	6.0	---	---	---	---	---	---	8.3	7.6	7.9
20	7.9	6.9	7.4	---	---	---	---	---	---	7.8	7.0	7.5
21	7.7	6.8	7.1	---	---	---	---	---	---	7.7	6.9	7.2
22	7.7	6.9	7.3	7.5	6.2	6.8	---	---	---	7.5	6.7	7.0
23	8.2	7.3	7.7	7.8	6.5	7.0	---	---	---	7.4	6.8	7.0
24	8.2	7.4	7.7	7.9	6.5	7.1	---	---	---	7.1	6.3	6.7
25	8.3	6.9	7.6	8.0	6.5	7.0	---	---	---	7.1	6.3	6.7
26	8.5	7.0	7.9	7.9	6.4	7.0	---	---	---	8.1	6.7	7.5
27	8.3	7.3	7.8	7.6	6.3	6.8	---	---	---	8.5	7.7	8.1
28	8.2	7.4	7.7	7.8	6.2	6.9	---	---	---	8.5	7.8	8.1
29	8.2	7.5	7.8	7.7	6.2	6.7	---	---	---	8.8	7.8	8.4
30	8.9	7.6	8.2	7.0	5.7	6.3	6.9	5.4	5.9	8.8	7.9	8.3
31	---	---	---	6.7	5.6	6.3	6.3	5.2	5.7	---	---	---
MONTH	8.9	4.0	6.4	---	---	---	---	---	---	8.8	5.3	7.0

02423425 CAHABA RIVER NEAR CAHABA HEIGHTS, AL

LOCATION.--Lat 33°24'56", long 86°44'23", in NW$^1/_4$ 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 mi^2.
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: Oct. 28, 29, Feb. 19-22, May 30 to June 2, 6. Records fair. An average of 82 ft^3/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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.1	93	16	9.0	207	168	329	33	e5.1	11	14	6.6
2	7.2	204	15	9.1	160	149	2010	49	e4.6	6.9	13	5.8
3	4.7	99	16	6.6	113	143	9200	21	4.1	6.5	137	8.6
4	21	44	26	127	75	292	10900	14	5.3	4.9	32	6.2
5	9.0	15	30	174	55	200	2750	20	13	6.1	41	4.9
6	5.6	7.5	29	89	43	152	1060	10	e12	6.3	19	6.2
7	6.8	29	42	57	33	110	731	11	8.0	5.0	7.1	7.5
8	8.0	11	37	45	20	95	584	9.8	4.9	4.8	8.1	6.8
9	15	13	27	197	20	84	465	13	4.0	5.3	22	6.4
10	561	19	55	728	14	423	369	11	5.7	5.9	16	16
11	329	13	61	424	13	2650	316	8.9	5.1	5.4	42	6.2
12	74	6.2	28	233	16	1560	384	10	3.9	5.7	76	5.3
13	24	12	287	143	32	734	366	12	3.9	6.6	9.5	7.1
14	7.3	15	210	79	104	499	377	7.0	3.6	6.9	9.3	10
15	6.2	14	87	50	91	376	420	7.1	3.6	6.8	8.3	9.3
16	13	11	53	27	64	304	347	7.0	26	6.8	9.8	10
17	16	12	30	46	62	246	285	8.4	11	6.1	7.3	9.5
18	17	20	18	57	48	197	239	7.0	13	6.8	7.6	11
19	10	17	21	46	e33	994	189	7.4	16	6.4	7.9	12
20	12	39	20	41	e28	3440	153	12	27	14	6.2	12
21	17	22	45	21	e20	1190	152	18	9.4	40	6.2	12
22	14	11	59	15	e15	714	110	8.4	5.0	21	5.9	16
23	12	12	52	684	27	516	96	9.2	8.4	7.1	7.1	17
24	14	10	37	573	18	394	108	6.5	6.7	7.6	7.7	33
25	15	10	23	323	15	313	98	13	5.1	27	7.4	11
26	31	12	16	210	12	284	81	10	19	14	7.1	12
27	12	10	9.7	144	239	272	64	9.1	17	17	7.9	8.6
28	e8.5	15	5.6	145	344	250	84	13	8.2	9.7	9.5	6.2
29	e13	11	7.7	236	224	199	69	7.6	8.5	9.7	6.2	4.1
30	42	16	5.9	316	---	504	53	e5.7	7.4	16	5.8	3.2
31	30	---	5.7	255	---	448	---	e10	---	40	6.3	---
TOTAL	1363.4	822.7	1374.6	5509.7	2145	17900	32389	389.1	274.5	343.3	570.2	290.5
MEAN	44.0	27.4	44.3	178	74.0	577	1080	12.6	9.15	11.1	18.4	9.68
MAX	561	204	287	728	344	3440	10900	49	27	40	137	33
MIN	4.7	6.2	5.6	6.6	12	84	53	5.7	3.6	4.8	5.8	3.2
CFSM	.22	.14	.22	.88	.37	2.87	5.37	.06	.05	.06	.09	.05
IN.	.25	.15	.25	1.02	.40	3.31	5.99	.07	.05	.06	.11	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2000, BY WATER YEAR (WY)

MEAN	105	142	315	489	476	753	693	266	208	79.3	53.8	59.3
MAX	503	511	1370	1189	979	1783	2112	761	916	321	255	406
(WY)	1978	1978	1984	1998	1983	1976	1979	1983	1999	1999	1975	1979
MIN	1.14	1.39	6.69	6.93	74.0	181	66.9	9.25	8.64	3.94	1.97	2.45
(WY)	1979	1979	1981	1981	2000	1985	1978	1981	1981	1977	1977	1978

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1975 - 2000	
ANNUAL TOTAL	92820.8		63372.0			
ANNUAL MEAN	254		173		300	
HIGHEST ANNUAL MEAN					470	1983
LOWEST ANNUAL MEAN					103	1981
HIGHEST DAILY MEAN	9980	Jun 29	10900	Apr 4	19300	Apr 13 1979
LOWEST DAILY MEAN	3.7	Sep 24	3.2	Sep 30	.10	Oct, Nov 1978
ANNUAL SEVEN-DAY MINIMUM	7.3	Aug 11	4.3	Jun 9	.10	Oct 26 1978
INSTANTANEOUS PEAK FLOW			13500	Apr 4	23400	Apr 13 1979
INSTANTANEOUS PEAK STAGE			22.28	Apr 4	28.86	Apr 13 1979
ANNUAL RUNOFF (CFSM)	1.27		.86		1.50	
ANNUAL RUNOFF (INCHES)	17.18		11.73		20.31	
10 PERCENT EXCEEDS	561		325		709	
50 PERCENT EXCEEDS	70		16		70	
90 PERCENT EXCEEDS	10		6.2		4.1	

e Estimated

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL

LOCATION.--Lat 33°22'09", long 86°47'03", in NE$^1/_4$ 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 mi^2.

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.--Estimated daily discharges: July 21-25. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.3	156	9.4	15	246	178	359	45	15	13	58	7.6
2	7.2	303	6.2	18	190	147	2750	62	14	12	83	7.6
3	6.3	132	6.1	14	141	150	9280	39	12	8.4	130	6.9
4	70	55	6.0	136	103	362	12500	22	12	7.9	79	8.0
5	19	25	12	214	77	218	5560	26	24	6.7	36	6.8
6	10	10	17	121	61	173	1670	19	24	7.1	43	6.2
7	7.5	17	9.1	80	45	131	1070	18	18	6.9	11	7.7
8	7.9	13	15	62	34	91	793	18	15	5.8	8.5	7.9
9	15	7.0	9.8	324	32	73	573	18	12	5.8	35	7.7
10	967	7.9	48	1230	28	884	429	21	11	6.2	60	11
11	590	6.9	22	616	23	3540	376	17	13	6.6	17	13
12	129	7.7	22	293	22	2430	451	15	13	5.5	93	6.1
13	59	6.2	492	197	44	1080	443	16	10	8.1	21	5.6
14	25	9.4	304	116	103	656	427	15	9.3	6.6	10	6.9
15	13	10	143	75	107	442	487	16	9.9	9.1	8.3	7.6
16	17	11	84	47	71	339	408	10	67	11	9.9	6.0
17	16	7.0	51	72	67	278	316	9.9	48	8.6	10	6.3
18	18	6.2	42	80	63	222	271	9.7	18	7.5	7.2	5.4
19	13	8.8	55	76	40	1400	220	12	23	7.1	7.4	5.1
20	15	49	44	70	34	4730	191	20	47	86	11	5.7
21	16	42	82	47	25	1940	188	42	19	e140	9.4	5.9
22	15	15	94	39	17	994	155	22	11	e38	7.7	5.0
23	14	10	79	841	25	648	118	16	9.5	e29	6.9	5.7
24	11	9.5	60	822	24	445	138	14	9.3	e25	8.0	9.5
25	17	7.7	43	386	20	352	122	18	8.5	e25	9.2	18
26	17	9.4	44	245	15	313	97	36	10	50	8.3	11
27	16	8.2	25	172	290	313	79	22	27	13	8.1	6.5
28	9.3	8.3	17	171	398	277	99	25	32	12	8.6	6.8
29	8.6	8.6	16	308	236	220	89	19	31	9.3	8.9	3.8
30	23	6.3	16	366	---	594	71	15	14	23	7.3	2.5
31	20	---	16	302	---	537	---	29	---	114	7.4	---
TOTAL	2180.1	973.1	1889.6	7555	2581	24157	39730	686.6	586.5	714.2	828.1	219.8
MEAN	70.3	32.4	61.0	244	89.0	779	1324	22.1	19.5	23.0	26.7	7.33
MAX	967	303	492	1230	398	4730	12500	62	67	140	130	18
MIN	6.3	6.2	6.0	14	15	73	71	9.7	8.5	5.5	6.9	2.5
CFSM	.31	.14	.27	1.08	.39	3.45	5.86	.10	.09	.10	.12	.03
IN.	.36	.16	.31	1.24	.42	3.98	6.54	.11	.10	.12	.14	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2000, BY WATER YEAR (WY)

MEAN	130	256	317	762	691	852	482	155	249	175	66.6	91.1
MAX	690	900	756	1469	1819	1524	1324	714	1219	709	329	390
(WY)	1996	1993	1993	1998	1990	1996	2000	1991	1997	1989	1992	1992
MIN	5.33	18.5	61.0	170	89.0	359	108	11.4	4.61	13.0	10.2	3.22
(WY)	1992	1991	2000	1991	2000	1992	1990	1992	1988	1995	1990	1990

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1988 - 2000	
ANNUAL TOTAL	108009.9		82101.0			
ANNUAL MEAN	296		224		354	
HIGHEST ANNUAL MEAN					545	1996
LOWEST ANNUAL MEAN					205	1992
HIGHEST DAILY MEAN	8380	Jun 29	12500	Apr 4	12500	Apr 4 2000
LOWEST DAILY MEAN	5.5	Sep 24	2.5	Sep 30	2.1	Sep 28 1990
ANNUAL SEVEN-DAY MINIMUM	7.3	Nov 28	5.6	Sep 17	2.4	Nov 10 1991
INSTANTANEOUS PEAK FLOW			13300	Apr 4	13300	Apr 4 2000
INSTANTANEOUS PEAK STAGE			34.38	Apr 4	34.38	Apr 4 2000
ANNUAL RUNOFF (CFSM)	1.31		.99		1.57	
ANNUAL RUNOFF (INCHES)	17.78		13.51		21.28	
10 PERCENT EXCEEDS	717		390		823	
50 PERCENT EXCEEDS	92		22		93	
90 PERCENT EXCEEDS	9.7		7.0		8.0	

e Estimated

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.
EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 418 microSiemens, Oct. 13, 1993; minimum observed, 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, 15.0 mg/L, Feb. 23, 2000; minimum, 0.5 mg/L, Sept. 28, 1995.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 333 microSiemens, June 15, 16; minimum, 98 microSiemens, Apr. 13.
WATER TEMPERATURE: Maximum, 31.6°C, July 12; minimum, 4.4°C, Feb. 3.
DISSOLVED OXYGEN: Maximum, 15.0 mg/L, Feb. 23; minimum, 3.9 mg/L, July 22, 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	248	225	238	299	136	258	272	264	267	217	215	216
2	260	247	252	227	182	217	276	272	274	223	216	220
3	264	197	249	245	226	235	278	273	275	221	220	220
4	257	129	190	251	241	245	282	277	279	258	161	213
5	229	181	209	241	231	236	297	281	286	258	222	225
6	258	229	246	232	230	231	290	283	287	226	208	215
7	269	258	263	237	151	230	286	280	281	218	212	214
8	291	268	275	234	227	229	306	283	293	227	217	224
9	292	275	281	238	229	233	315	306	312	232	131	200
10	279	116	213	251	238	244	314	200	245	195	152	162
11	299	197	270	259	251	255	280	227	259	169	152	161
12	295	242	267	269	259	263	289	280	287	170	166	168
13	242	213	224	279	269	274	288	131	210	177	169	173
14	215	212	213	288	279	283	255	217	235	190	176	183
15	219	212	216	288	281	285	271	225	256	198	190	194
16	222	218	220	281	276	278	275	264	271	211	198	205
17	228	220	224	281	279	280	271	263	267	213	189	200
18	229	213	222	286	280	284	263	240	256	198	187	192
19	217	211	214	291	283	286	246	228	238	203	196	199
20	227	215	219	297	212	275	261	237	253	207	197	202
21	235	220	229	290	212	273	259	233	247	215	206	210
22	255	235	250	291	289	290	254	245	252	221	213	218
23	253	248	250	291	289	291	245	236	239	213	161	179
24	259	253	256	293	287	291	236	232	233	180	153	166
25	257	255	256	287	278	282	234	226	229	153	149	151
26	260	251	257	278	268	274	229	216	223	155	151	152
27	255	250	252	269	261	265	235	223	232	162	155	159
28	271	255	263	261	257	259	240	235	238	170	162	167
29	282	271	277	262	259	261	248	213	231	168	164	166
30	291	282	286	265	262	263	215	213	214	166	164	165
31	298	291	295	---	---	---	215	212	214	167	164	166
MONTH	299	116	244	299	136	262	315	131	254	258	131	190

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	168	165	166	204	188	196	181	169	174	213	206	209
2	168	165	167	188	175	180	182	129	149	217	203	212
3	169	165	167	199	167	190	130	98	109	227	207	223
4	170	167	169	203	134	192	114	101	105	229	227	228
5	176	170	171	202	195	199	123	114	119	232	229	230
6	178	172	175	212	199	204	126	117	122	232	227	229
7	183	175	179	214	205	209	132	125	129	234	227	231
8	191	183	186	215	206	212	140	132	136	246	234	241
9	192	190	191	221	213	216	144	139	141	251	246	248
10	204	192	197	214	113	178	159	144	150	264	234	246
11	214	204	210	157	112	137	163	158	160	248	230	238
12	218	214	216	141	120	132	164	153	160	252	248	250
13	219	212	215	147	140	143	162	158	160	258	252	255
14	217	201	210	155	143	148	166	162	164	260	257	258
15	222	206	216	162	155	157	168	164	166	261	255	257
16	211	200	207	173	161	167	167	162	164	269	261	266
17	207	199	202	184	172	178	173	167	170	279	267	272
18	215	199	209	190	179	185	175	170	172	283	274	279
19	218	214	216	190	111	158	178	175	176	278	275	277
20	218	211	215	135	113	122	179	171	175	287	278	281
21	220	211	215	141	127	134	180	175	177	284	267	274
22	224	220	222	152	141	147	182	177	179	284	267	277
23	223	218	221	157	151	154	189	181	184	289	284	287
24	224	219	222	165	157	160	221	187	192	290	287	289
25	233	220	227	171	165	168	200	187	195	291	286	288
26	247	233	242	176	171	175	204	198	201	292	270	282
27	246	161	203	184	176	180	210	204	206	271	253	265
28	212	185	195	184	179	182	217	209	213	268	251	258
29	204	188	193	195	184	189	209	203	206	280	268	275
30	---	---	---	186	158	175	206	203	205	284	276	282
31	---	---	---	170	160	167	---	---	---	292	281	288
MONTH	247	161	201	221	111	172	221	98	165	292	203	258
		JUNE			JULY			AUGUST			SEPTEMBER	
1	291	284	287	266	246	257	210	111	187	300	295	298
2	293	286	290	280	265	273	219	117	191	305	300	302
3	298	292	295	277	265	272	270	125	193	311	304	306
4	304	294	297	271	264	268	249	231	238	311	309	310
5	298	276	287	272	261	265	247	243	246	312	310	311
6	280	269	275	275	259	270	269	247	256	312	310	310
7	278	267	270	279	178	273	281	269	277	312	310	311
8	286	270	280	287	279	284	290	280	286	315	311	313
9	292	285	289	292	287	290	294	237	284	316	313	314
10	297	289	294	301	292	295	239	197	224	322	315	319
11	304	294	299	301	297	298	260	229	251	316	314	315
12	314	304	310	302	297	300	310	260	290	314	312	313
13	321	313	318	304	300	302	272	252	258	312	309	310
14	324	319	322	306	303	305	256	251	253	312	309	311
15	333	320	322	316	303	307	256	252	254	320	310	313
16	333	160	255	307	293	304	257	253	255	325	300	314
17	291	186	262	303	282	290	259	251	254	332	308	317
18	298	291	294	310	303	307	254	252	253	332	310	318
19	307	281	296	306	303	305	255	252	254	321	298	308
20	305	190	247	308	137	279	259	252	255	307	294	300
21	265	251	258	261	137	218	276	258	264	301	288	294
22	270	257	264	302	253	281	281	275	279	299	287	292
23	272	262	266	312	302	308	277	274	276	303	289	298
24	280	265	273	306	288	297	277	273	275	310	295	304
25	280	270	274	289	279	287	275	271	274	312	299	306
26	280	265	272	279	206	224	271	269	270	328	302	310
27	271	261	265	241	228	237	270	268	269	318	303	310
28	278	109	246	249	239	246	276	269	272	315	301	310
29	247	210	227	251	211	246	284	276	281	315	304	310
30	248	219	232	256	185	234	289	284	287	---	---	---
31	---	---	---	254	117	200	296	289	293	---	---	---
MONTH	333	109	279	316	117	275	310	111	258	---	---	---

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	21.1	18.5	19.7	18.1	16.8	17.2	9.1	7.6	8.3	9.1	7.9	8.5
2	20.8	17.5	19.3	17.4	15.8	16.7	8.4	7.2	7.8	11.2	9.1	10.1
3	22.9	18.5	20.5	15.8	13.5	14.5	9.7	7.7	8.8	13.8	11.2	12.5
4	22.4	20.6	21.5	13.5	11.7	12.5	11.2	9.1	10.0	15.5	11.7	13.7
5	21.6	19.5	20.7	12.9	11.5	12.3	12.0	10.6	11.3	11.7	8.4	9.5
6	21.0	18.3	19.4	13.0	11.3	12.2	11.3	9.7	10.8	9.4	8.0	8.7
7	21.0	17.8	19.3	13.9	12.1	12.9	9.7	8.1	8.8	9.1	7.6	8.4
8	21.1	18.7	19.8	14.8	13.1	13.9	9.2	7.8	8.4	9.1	7.9	8.5
9	20.7	20.0	20.3	15.5	14.0	14.6	10.5	9.0	9.6	13.1	9.1	10.8
10	21.4	20.6	21.0	15.7	14.0	14.8	13.4	10.5	11.9	11.9	10.4	11.2
11	21.5	20.6	21.0	16.0	14.6	15.2	12.2	11.3	11.8	11.1	10.3	10.7
12	21.1	20.5	20.8	15.5	14.3	14.9	12.9	11.1	11.8	11.0	9.9	10.5
13	21.4	20.6	21.0	15.1	14.1	14.6	14.4	12.5	13.5	12.0	10.7	11.3
14	21.8	20.3	21.0	15.2	13.7	14.4	12.5	11.6	12.0	10.7	8.8	9.6
15	20.8	19.5	20.2	14.6	13.2	14.1	11.8	10.9	11.4	8.8	7.3	8.1
16	21.0	19.1	20.0	13.2	11.7	12.5	10.9	9.2	9.8	9.2	7.9	8.6
17	21.2	19.8	20.4	11.9	10.7	11.3	9.2	7.9	8.5	11.0	9.2	10.3
18	20.1	18.8	19.7	11.6	9.6	10.7	9.1	8.5	8.8	11.1	10.6	10.9
19	19.3	18.2	18.7	12.8	10.7	11.8	10.6	8.9	9.6	10.8	9.9	10.1
20	18.4	16.8	17.8	13.9	12.3	13.2	11.8	10.6	11.3	10.0	8.5	9.5
21	16.8	15.3	16.1	14.9	13.9	14.4	11.5	9.8	10.8	8.5	6.4	7.3
22	16.2	14.7	15.4	15.3	14.2	14.7	9.8	8.6	9.1	6.8	6.2	6.4
23	15.4	14.1	14.9	15.4	14.4	14.9	8.6	7.1	7.8	7.5	6.6	7.1
24	14.2	12.7	13.4	16.0	14.7	15.3	7.6	6.6	7.1	7.4	6.8	7.0
25	13.1	11.8	12.4	16.2	15.0	15.5	6.7	5.5	6.1	6.9	6.1	6.5
26	13.5	11.6	12.4	15.0	13.1	14.2	7.8	5.0	6.4	6.5	5.1	5.6
27	14.0	12.1	13.0	13.1	11.6	12.3	6.4	5.0	5.7	5.6	4.5	5.2
28	15.0	12.9	13.9	12.4	10.8	11.5	6.1	5.3	5.6	5.3	4.8	5.0
29	15.4	13.1	14.3	11.6	10.4	11.2	6.0	4.6	5.4	5.3	5.0	5.2
30	15.8	14.0	14.9	10.4	9.1	9.6	6.7	5.0	5.9	5.5	5.0	5.2
31	16.8	15.6	16.2	---	---	---	7.9	6.7	7.2	5.7	4.8	5.2
MONTH	22.9	11.6	18.0	18.1	9.1	13.6	14.4	4.6	9.1	15.5	4.5	8.6
		FEBRUARY			MARCH			APRIL			MAY	
1	5.9	4.6	5.3	15.1	13.7	14.3	17.4	15.9	16.7	20.5	18.3	19.4
2	6.0	4.9	5.5	14.9	13.3	14.1	17.3	16.7	16.9	21.0	18.9	20.0
3	6.2	4.4	5.3	14.8	13.1	14.1	17.3	16.3	16.8	22.1	20.1	21.1
4	7.1	5.3	6.1	15.1	13.8	14.5	16.3	15.4	15.9	23.3	20.9	22.1
5	6.7	5.1	5.9	15.1	13.1	14.2	15.4	14.5	15.0	23.7	21.9	22.8
6	6.3	4.6	5.5	15.5	13.1	14.4	15.9	14.5	15.2	24.5	22.3	23.3
7	6.9	5.1	6.0	15.9	14.1	15.1	16.9	15.8	16.3	24.6	22.4	23.5
8	8.3	5.7	6.9	16.9	13.8	15.5	16.7	15.1	16.2	25.2	22.6	23.8
9	9.0	6.6	7.7	16.8	15.4	16.2	15.6	14.1	14.8	25.2	23.0	23.9
10	9.8	7.3	8.5	16.7	15.4	16.1	15.7	13.9	14.8	23.9	23.0	23.5
11	11.7	9.1	10.3	15.7	14.3	15.2	16.0	14.9	15.4	24.5	22.3	23.4
12	12.7	11.1	11.9	14.3	13.2	13.6	16.0	15.4	15.7	26.4	23.5	24.7
13	13.1	11.7	12.4	13.5	12.3	12.9	15.9	15.5	15.7	26.6	24.4	25.3
14	13.9	12.4	13.1	14.0	12.4	13.1	15.7	15.1	15.3	25.7	23.1	24.6
15	12.5	10.2	11.3	14.9	13.1	14.0	15.9	15.0	15.3	24.0	21.7	22.7
16	12.3	10.6	11.5	15.5	14.4	14.9	17.1	15.1	16.1	24.1	21.4	22.7
17	12.9	11.6	12.2	16.4	14.7	15.5	18.5	16.1	17.2	25.1	21.2	23.0
18	14.9	12.9	14.0	15.3	14.2	14.8	18.6	16.4	17.5	26.1	22.4	24.1
19	15.1	12.8	14.3	14.7	13.0	13.9	19.4	16.5	17.9	25.5	23.7	24.6
20	12.8	11.2	12.0	13.7	13.1	13.5	19.5	18.0	18.7	24.9	23.9	24.4
21	12.0	9.9	11.1	14.3	13.0	13.7	19.3	17.7	18.5	25.1	23.6	24.3
22	12.4	10.3	11.6	15.6	13.9	14.7	19.0	16.6	17.7	25.5	23.2	24.3
23	13.8	11.6	12.7	16.5	14.5	15.5	18.2	16.4	17.1	25.8	23.6	24.6
24	15.8	13.0	14.4	17.5	15.3	16.4	17.9	16.4	17.1	27.0	24.4	25.4
25	16.2	14.2	15.4	17.4	15.9	16.8	18.0	16.5	17.3	27.9	25.1	26.2
26	16.6	15.0	15.9	17.8	16.8	17.3	18.8	16.2	17.5	26.6	25.2	26.1
27	16.3	14.0	15.5	18.1	16.8	17.3	18.5	16.7	17.7	28.3	25.6	26.8
28	15.2	12.5	14.0	17.8	15.7	16.8	18.1	17.5	17.9	27.1	25.8	26.5
29	14.5	12.7	13.8	16.9	15.6	16.1	18.6	16.4	17.7	25.9	24.0	25.1
30	---	---	---	16.2	13.8	15.3	19.9	17.6	18.7	26.2	23.1	24.5
31	---	---	---	17.0	14.9	15.9	---	---	---	25.8	23.1	24.3
MONTH	16.6	4.4	10.7	18.1	12.3	15.0	19.9	13.9	16.7	28.3	18.3	23.9

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	25.9	23.3	24.6	27.5	24.4	25.8	27.2	25.5	26.4	27.7	26.1	26.8
2	27.4	23.0	25.1	28.2	24.8	26.3	27.3	24.5	26.2	27.8	25.5	26.5
3	28.1	24.0	25.9	27.9	24.9	26.3	27.3	24.5	25.7	28.8	25.2	26.8
4	26.0	24.9	25.4	28.8	25.2	26.9	27.0	25.8	26.4	28.9	25.4	27.1
5	---	---	---	29.5	25.6	27.4	27.9	25.2	26.5	28.8	26.0	27.1
6	24.7	22.8	23.6	30.3	26.1	27.9	29.1	26.6	27.8	26.6	24.0	25.2
7	24.9	21.6	23.2	31.0	27.0	28.6	30.2	27.1	28.6	24.0	22.6	23.2
8	25.6	21.9	23.7	30.5	26.8	28.5	30.9	27.6	29.0	24.1	22.4	23.2
9	26.4	22.4	24.4	30.3	27.3	28.7	31.1	27.7	28.8	25.3	23.3	24.2
10	27.6	23.4	25.4	31.0	27.5	28.8	29.5	27.7	28.5	25.9	23.9	24.7
11	27.9	24.3	26.0	31.5	27.5	29.2	29.2	27.0	28.0	26.2	23.9	25.0
12	28.4	24.9	26.4	31.6	27.8	29.5	28.2	26.5	27.3	26.0	24.4	25.2
13	27.6	25.3	26.5	31.3	28.0	29.4	27.6	25.1	26.3	26.5	24.6	25.4
14	28.8	25.2	26.7	31.3	27.9	29.4	27.8	24.8	26.2	26.8	24.7	25.6
15	---	---	---	30.7	27.4	28.8	28.7	24.9	26.6	26.6	24.2	25.3
16	25.6	23.9	25.2	30.9	27.2	28.8	28.9	25.4	27.0	25.0	22.1	23.3
17	26.7	25.3	25.9	29.8	26.5	28.0	---	---	---	22.9	20.2	21.6
18	27.5	25.4	26.5	29.1	26.0	27.4	---	---	---	23.6	19.3	21.3
19	27.6	26.2	26.9	29.3	26.3	27.8	30.6	27.5	28.9	23.4	19.5	21.4
20	27.9	25.7	26.9	30.9	25.9	28.2	29.7	26.9	28.2	24.5	21.2	22.7
21	28.4	26.4	27.4	29.6	25.9	27.9	28.8	26.4	27.3	25.3	23.1	24.0
22	28.3	26.8	27.5	29.0	27.1	28.4	28.9	26.0	27.2	24.5	23.8	24.1
23	30.1	25.7	27.6	29.1	27.1	27.9	28.8	25.7	27.1	25.4	23.5	24.3
24	29.9	25.8	27.5	29.0	26.1	27.4	---	---	---	25.8	23.6	24.7
25	28.3	26.3	27.0	29.0	25.9	27.1	29.4	26.8	28.0	25.2	23.0	24.6
26	28.6	25.4	26.8	27.5	25.6	26.5	28.2	26.6	27.4	23.0	19.8	21.5
27	27.8	25.9	26.8	28.2	25.5	26.8	28.1	25.6	26.7	21.7	18.8	20.1
28	27.8	25.7	26.7	28.9	26.2	27.4	28.0	25.6	26.7	21.6	18.2	19.7
29	27.1	25.3	26.4	28.7	26.1	27.2	29.5	25.8	27.5	22.1	17.8	19.6
30	26.6	24.2	25.3	28.4	25.7	26.8	29.5	26.3	27.8	22.5	18.3	20.1
31	---	---	---	27.2	25.4	26.4	28.8	26.1	27.3	---	---	---
MONTH	---	---	---	31.6	24.4	27.8	---	---	---	28.9	17.8	23.8

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.7	5.7	6.2	8.0	7.3	7.7	9.2	8.2	8.6	12.5	11.3	11.9
2	7.4	5.8	6.5	8.3	7.9	8.1	9.0	8.0	8.7	12.2	10.8	11.5
3	7.7	5.9	6.6	8.9	8.3	8.7	9.3	7.3	8.4	11.6	10.0	10.9
4	7.1	5.8	6.4	9.0	8.5	8.8	9.7	7.4	8.6	10.4	8.5	9.4
5	7.1	5.9	6.4	8.6	8.4	8.5	9.0	7.4	8.4	11.9	9.9	11.2
6	7.3	6.4	6.7	8.5	7.9	8.3	9.0	8.0	8.5	11.9	11.1	11.3
7	7.9	6.3	7.0	8.5	7.7	8.2	8.6	7.4	8.2	12.4	10.9	11.6
8	7.6	6.1	6.8	8.2	7.7	8.0	9.5	7.9	8.7	12.7	11.0	11.7
9	6.7	5.7	6.2	8.0	7.2	7.7	9.0	5.9	7.6	11.3	9.5	10.3
10	7.9	6.3	7.3	7.7	7.1	7.5	9.1	8.0	8.4	10.6	9.8	10.3
11	8.0	7.8	7.9	7.4	6.7	7.1	8.7	7.8	8.2	10.8	10.5	10.7
12	7.9	7.5	7.7	7.3	6.6	7.0	8.8	8.2	8.5	10.8	10.4	10.7
13	7.5	7.0	7.3	7.6	6.4	7.0	8.8	8.5	8.7	10.4	10.3	10.4
14	7.2	6.5	6.9	7.5	6.3	6.9	9.2	8.6	8.9	11.1	10.4	10.8
15	6.9	5.4	6.4	7.4	6.6	7.0	8.8	8.5	8.6	11.5	10.9	11.2
16	6.9	6.2	6.7	8.0	6.8	7.6	8.6	8.2	8.4	11.2	10.6	11.0
17	6.9	5.6	6.6	8.4	7.6	7.9	8.5	8.0	8.2	10.6	10.0	10.2
18	7.2	6.4	6.9	8.8	7.0	7.8	8.1	7.9	8.3	10.1	9.8	9.9
19	7.5	6.5	7.1	8.4	7.2	7.9	8.0	7.7	8.3	10.4	9.8	10.0
20	7.7	6.6	7.4	8.6	7.7	8.2	7.9	7.4	7.6	10.8	9.5	10.3
21	7.9	6.8	7.4	8.2	7.5	7.8	7.5	7.2	7.3	11.6	10.6	11.1
22	7.5	7.0	7.3	7.8	6.8	7.3	7.7	7.2	7.4	11.6	11.3	11.4
23	7.7	7.1	7.4	7.4	6.3	6.9	7.5	7.0	7.2	11.9	11.1	11.5
24	8.1	7.5	7.9	7.8	6.7	7.3	7.4	6.9	7.1	---	---	---
25	8.5	7.9	8.3	7.8	6.9	7.3	7.2	6.7	6.9	11.9	11.7	11.9
26	8.7	8.4	8.6	7.7	6.9	7.3	7.1	6.6	6.8	12.5	11.9	12.3
27	8.7	8.3	8.5	8.2	6.4	7.7	---	---	---	12.8	12.4	12.6
28	8.9	8.0	8.3	8.6	7.9	8.2	---	---	---	12.8	12.5	12.6
29	8.5	7.7	8.2	9.0	8.1	8.7	---	---	---	12.8	12.6	12.7
30	8.4	7.9	8.1	9.1	8.3	8.7	13.5	12.5	13.0	12.9	12.7	12.8
31	8.2	7.6	7.9	---	---	---	13.1	12.0	12.5	13.0	12.7	12.8
MONTH	8.9	5.4	7.3	9.1	6.3	7.8	---	---	---	---	---	---

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, 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
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	12.6	12.8	10.7	9.4	10.0	10.9	10.3	10.7	10.1	9.2	9.6
2	13.0	12.6	12.8	11.0	8.9	10.0	10.5	9.4	10.1	---	---	---
3	13.1	12.5	12.9	10.7	8.6	9.8	9.8	8.8	9.4	---	---	---
4	12.7	12.4	12.5	9.8	8.6	9.5	---	---	---	---	---	---
5	13.0	12.4	12.7	10.6	9.6	10.0	---	---	---	9.1	8.1	8.6
6	13.4	12.7	13.0	10.7	9.6	10.0	---	---	---	8.9	7.8	8.3
7	13.2	12.8	13.0	10.6	9.4	9.9	---	---	---	8.7	7.0	8.2
8	13.1	12.3	12.7	10.6	9.1	9.7	---	---	---	8.6	7.5	8.1
9	12.8	12.0	12.4	9.9	8.5	9.2	---	---	---	8.6	7.7	8.1
10	12.6	11.2	12.0	8.9	6.8	8.3	---	---	---	8.3	7.3	7.7
11	12.1	10.7	11.4	9.5	8.3	8.9	9.5	9.2	9.4	8.3	7.2	7.7
12	11.7	9.8	10.9	10.2	9.5	10.0	9.4	9.2	9.3	8.3	7.3	7.7
13	11.2	9.2	10.5	10.5	10.2	10.3	9.4	9.3	9.4	8.2	7.2	7.6
14	11.3	9.3	10.3	10.4	10.1	10.3	9.6	9.3	9.4	8.3	6.9	7.8
15	12.8	10.6	11.6	10.2	9.5	10.0	9.7	9.5	9.6	8.6	7.6	8.2
16	12.7	10.7	11.6	9.8	9.0	9.6	9.6	9.2	9.4	9.3	7.7	8.5
17	12.3	10.3	11.1	9.7	8.9	9.4	9.3	9.0	9.1	9.7	7.6	8.4
18	11.3	9.8	10.4	10.0	9.5	9.8	9.2	9.0	9.1	9.9	7.7	8.6
19	12.3	9.4	10.7	10.3	9.6	10.0	9.3	8.8	9.1	9.3	7.6	8.3
20	13.8	9.9	11.7	10.5	10.2	10.4	9.3	8.7	9.0	8.3	7.6	8.0
21	13.8	10.2	12.2	10.7	10.4	10.6	9.3	8.6	9.0	8.5	7.5	8.0
22	14.2	9.6	12.3	10.5	10.0	10.3	9.7	9.2	9.3	8.4	7.0	7.7
23	15.0	8.8	12.6	10.2	9.8	10.1	9.5	9.2	9.3	8.5	7.2	7.8
24	13.6	9.2	11.7	9.8	9.4	9.7	9.5	9.1	9.3	8.4	7.3	7.8
25	12.5	8.9	11.0	9.6	9.0	9.4	9.7	9.2	9.4	8.7	6.1	7.6
26	11.8	8.3	10.0	9.3	8.6	9.0	9.9	9.3	9.5	7.9	6.5	7.4
27	10.9	9.1	9.7	9.0	7.7	8.6	10.2	9.2	9.6	7.9	6.9	7.4
28	10.5	8.5	10.0	---	---	---	10.1	9.0	9.6	7.8	6.4	7.3
29	11.0	8.8	10.0	---	---	---	10.3	9.4	9.8	8.2	6.4	7.5
30	---	---	---	11.6	10.5	11.3	10.2	9.3	9.8	8.6	7.1	7.9
31	---	---	---	11.5	10.8	11.3	---	---	---	8.7	7.7	8.0
MONTH	15.0	8.3	11.6	---	---	---	---	---	---	---	---	---
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.6	7.5	8.0	7.4	6.2	6.7	5.9	4.8	5.5	8.0	5.1	6.3
2	9.9	7.3	8.3	7.9	6.3	6.9	6.2	4.4	5.2	8.5	5.4	6.7
3	9.9	7.1	8.4	8.2	6.3	7.1	5.6	4.1	4.8	8.4	5.3	6.8
4	9.2	7.2	7.9	9.0	6.3	7.5	5.9	4.8	5.3	8.5	5.4	6.8
5	---	---	---	9.3	6.3	7.5	6.1	4.4	5.1	8.6	5.4	6.9
6	8.7	6.9	6.9	8.8	5.9	7.0	6.7	4.8	5.6	7.0	5.5	6.2
7	8.9	7.5	8.1	8.6	5.6	6.7	6.4	4.4	5.5	6.9	5.5	6.1
8	9.3	7.5	8.3	8.5	5.5	6.8	6.7	4.6	5.5	7.7	5.7	6.6
9	9.6	7.3	8.3	8.2	5.2	6.6	7.2	4.5	5.5	8.1	5.7	6.9
10	10.0	7.2	8.4	8.7	5.0	6.5	5.5	4.6	5.0	8.5	5.9	7.1
11	9.7	7.1	8.2	8.7	5.3	6.7	6.3	4.2	5.1	7.8	6.2	7.0
12	9.8	7.1	8.0	9.2	5.3	6.9	6.3	4.8	5.5	7.6	6.0	6.8
13	9.1	6.8	7.7	8.7	5.3	6.7	7.4	5.3	6.0	7.7	5.5	6.6
14	9.5	6.5	7.7	8.8	5.1	6.7	7.1	5.1	6.1	7.9	6.0	6.8
15	---	---	---	8.7	5.1	6.5	7.8	5.6	6.4	7.9	4.9	6.6
16	7.5	6.1	6.7	8.1	4.9	6.4	7.8	4.8	6.3	7.6	4.8	5.9
17	7.7	7.1	7.4	8.1	4.3	5.9	---	---	---	8.3	5.2	6.3
18	7.6	6.7	7.2	8.8	5.2	6.5	8.2	5.9	7.0	8.9	5.6	6.8
19	7.2	5.2	6.3	---	---	---	8.6	5.8	7.1	8.9	5.7	6.7
20	6.3	5.0	5.6	9.1	5.3	6.9	8.9	6.2	7.3	7.8	5.3	6.3
21	6.2	5.2	5.7	6.2	5.4	5.6	8.7	6.2	7.1	7.6	5.0	6.0
22	6.2	4.3	5.4	5.6	3.9	5.0	8.8	6.1	7.3	6.5	4.7	5.4
23	7.4	4.3	5.7	6.0	4.0	5.1	8.7	6.1	7.3	6.3	4.2	5.0
24	7.1	5.3	6.0	7.1	5.0	5.6	8.3	6.2	7.3	6.2	4.0	5.0
25	7.2	5.2	5.9	7.3	4.6	5.8	8.5	6.0	7.2	5.3	4.2	4.8
26	7.3	5.2	6.1	6.0	4.4	5.1	8.1	6.0	6.9	6.8	5.0	5.6
27	7.4	5.6	6.5	6.8	3.9	5.7	8.1	5.5	6.6	8.8	6.0	6.9
28	7.2	5.8	6.4	7.7	4.1	6.0	8.1	5.5	6.5	9.0	6.0	7.1
29	6.6	5.1	5.9	7.7	5.3	6.3	8.2	5.5	6.7	9.9	6.1	7.5
30	6.7	5.3	5.8	7.6	5.0	5.9	8.4	4.9	6.6	9.2	6.1	7.6
31	---	---	---	6.1	5.0	5.4	8.4	5.3	6.5	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	9.9	4.0	6.4

MOBILE RIVER BASIN

02423500 CAHABA RIVER NEAR ACTON, AL

LOCATION.--Lat 33°21'48", long 86°48'47", in SE$^1/_4$ 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 mi^2.
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: Aug. 28-30 and Sept. 27-30. Records good except those estimated, which are fair. An average of 82 ft^3/s is diverted above station by Birmingham Water Works Board, and is not included in record except about 7 ft^3/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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	209	29	41	286	207	408	60	27	30	130	22
2	23	348	26	44	220	167	2900	73	24	27	217	22
3	21	135	26	41	163	166	9800	56	23	24	145	20
4	98	63	26	170	122	465	14300	40	23	24	100	23
5	33	38	34	256	99	253	6860	42	38	23	55	20
6	26	26	41	145	83	193	1770	36	40	23	63	20
7	23	33	30	103	70	157	1090	34	31	23	32	22
8	23	34	35	87	58	112	841	35	29	23	26	25
9	31	26	32	419	57	95	639	35	26	22	44	27
10	1060	26	77	1310	53	1060	486	43	25	22	80	28
11	628	25	47	707	48	3570	423	36	26	23	37	35
12	128	26	48	354	47	2540	523	34	26	23	95	25
13	64	24	647	234	65	1090	508	33	25	24	43	24
14	38	27	380	141	118	717	489	33	24	23	27	25
15	27	28	166	100	126	503	553	33	25	26	25	27
16	29	28	103	73	90	382	465	29	108	31	26	25
17	28	25	74	97	86	308	354	28	69	26	26	25
18	30	25	71	103	84	247	298	28	34	25	23	23
19	26	26	90	102	66	1530	237	29	39	25	23	22
20	28	69	73	97	58	4890	202	36	67	130	27	22
21	28	66	112	74	49	1990	200	65	37	188	25	24
22	27	38	118	67	41	1000	159	42	28	52	24	23
23	25	31	106	813	47	701	122	34	26	41	23	24
24	23	31	87	866	48	506	142	31	26	33	24	25
25	27	27	69	448	44	403	131	31	26	33	26	40
26	25	28	71	280	39	356	104	51	28	74	25	28
27	28	28	55	190	365	354	88	36	42	36	24	e26
28	23	27	47	192	461	312	106	37	53	35	e22	e24
29	22	29	45	380	270	242	98	32	57	32	e21	e22
30	30	26	44	426	---	622	82	29	33	65	e21	e20
31	30	---	43	353	---	601	---	40	---	289	22	---
TOTAL	2676	1572	2852	8713	3363	25739	44378	1201	1085	1475	1501	738
MEAN	86.3	52.4	92.0	281	116	830	1479	38.7	36.2	47.6	48.4	24.6
MAX	1060	348	647	1310	461	4890	14300	73	108	289	217	40
MIN	21	24	26	41	39	95	82	28	23	22	21	20
CFSM	.38	.23	.40	1.22	.50	3.61	6.43	.17	.16	.21	.21	.11
IN.	.43	.25	.46	1.41	.54	4.16	7.18	.19	.18	.24	.24	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

MEAN	71.5	201	364	642	760	784	520	189	139	165	103	80.6
MAX	760	1880	1922	1717	1974	1652	1479	768	1197	1236	812	429
(WY)	1996	1949	1984	1949	1990	1951	2000	1991	1997	1940	1941	1992
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	116740		95293			
ANNUAL MEAN	320		260		333	
HIGHEST ANNUAL MEAN					652	1949
LOWEST ANNUAL MEAN					60.2	1986
HIGHEST DAILY MEAN	9090	Jun 29	14300	Apr 4	18900	Dec 28 1942
LOWEST DAILY MEAN	21	Sep 24, Oct 3	20	Sep 3, 5	.00	Many days
ANNUAL SEVEN-DAY MINIMUM	24	Sep 22	21	Aug 31	.00	Sep 1 1954
INSTANTANEOUS PEAK FLOW			15000	Apr 4	25500	Dec 28 1942
INSTANTANEOUS PEAK STAGE			34.40	Apr 4	44.25	Dec 29 1942
ANNUAL RUNOFF (CFSM)	1.39		1.13		1.45	
ANNUAL RUNOFF (INCHES)	18.88		15.41		19.66	
10 PERCENT EXCEEDS	749		462		800	
50 PERCENT EXCEEDS	106		41		83	
90 PERCENT EXCEEDS	26		23		6.9	

e Estimated

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 NW$^1/_4$ 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 mi^2.

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: Sept. 23-28 (1999 water year), Oct. 1-3 (2000 water year). Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.2	6.0	8.8	22	240	62	94	13	17	47	12	5.9
2	8.0	6.5	8.9	62	134	51	74	13	19	36	12	5.9
3	7.6	7.1	9.3	61	96	103	61	13	16	28	11	6.2
4	9.3	6.9	9.9	42	72	71	50	13	14	22	11	5.8
5	8.1	7.1	10	34	62	59	50	14	14	19	10	5.6
6	7.8	6.9	12	30	52	108	53	86	9.4	18	9.7	5.6
7	15	6.9	13	30	40	77	48	39	7.6	24	9.0	5.7
8	12	9.9	22	28	34	62	39	27	7.9	18	8.7	6.0
9	8.6	14	16	45	67	112	39	21	7.6	16	8.9	6.5
10	8.2	33	14	37	116	86	39	19	7.8	17	9.2	7.5
11	8.0	14	23	32	65	72	31	18	7.0	20	8.9	7.2
12	8.0	6.5	16	30	55	56	26	18	7.4	72	8.5	6.9
13	7.9	6.2	21	28	47	125	23	19	6.9	32	8.8	7.0
14	7.8	77	15	30	41	256	22	16	7.2	21	8.2	7.0
15	7.5	26	14	32	38	134	90	15	20	17	7.5	6.7
16	7.3	18	13	29	54	93	39	14	14	97	7.8	6.2
17	6.4	13	12	27	81	72	29	13	12	150	7.9	6.7
18	7.0	11	12	29	73	60	24	21	10	58	8.0	7.4
19	7.3	9.5	13	25	56	51	21	16	9.9	36	8.4	7.8
20	7.1	8.6	13	24	47	46	19	14	9.6	27	9.9	8.0
21	7.1	8.0	12	24	41	48	17	13	9.2	26	9.9	12
22	7.1	7.8	22	23	35	40	16	13	8.9	18	10	14
23	7.7	8.4	25	122	32	35	14	16	9.9	15	9.5	e10
24	6.9	9.0	94	57	30	34	14	13	20	14	10	e8.0
25	6.9	13	37	49	27	60	15	12	30	13	9.5	e7.5
26	6.6	8.2	27	49	25	53	15	12	82	12	8.9	e7.0
27	6.7	7.8	23	48	49	45	30	11	261	12	8.4	e6.8
28	6.8	8.0	46	43	97	41	22	11	293	12	8.2	e8.0
29	6.9	8.3	36	86	---	37	17	11	117	12	8.3	33
30	6.6	8.8	27	326	---	36	15	11	84	13	8.2	18
31	6.5	---	24	555	---	101	---	19	---	13	6.6	---
TOTAL	242.9	381.4	648.9	2059	1806	2286	1046	564	1139.3	935	282.9	255.9
MEAN	7.84	12.7	20.9	66.4	64.5	73.7	34.9	18.2	38.0	30.2	9.13	8.53
MAX	15	77	94	555	240	256	94	86	293	150	12	33
MIN	6.4	6.0	8.8	22	25	34	14	11	6.9	12	6.6	5.6
CFSM	.31	.50	.82	2.59	2.52	2.88	1.36	.71	1.48	1.18	.36	.33
IN.	.35	.55	.94	2.99	2.62	3.32	1.52	.82	1.66	1.36	.41	.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 1999, BY WATER YEAR (WY)

MEAN	7.84	12.7	20.9	66.4	64.5	73.7	34.9	18.2	38.0	30.2	9.13	8.53
MAX	7.84	12.7	20.9	66.4	64.5	73.7	34.9	18.2	38.0	30.2	9.13	8.53
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
MIN	7.84	12.7	20.9	66.4	64.5	73.7	34.9	18.2	38.0	30.2	9.13	8.53
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

SUMMARY STATISTICS	FOR 1999 WATER YEAR		WATER YEARS 1998 - 1999	
ANNUAL TOTAL	11647.3			
ANNUAL MEAN	31.9		31.9	
HIGHEST ANNUAL MEAN			31.9	1999
LOWEST ANNUAL MEAN			31.9	1999
HIGHEST DAILY MEAN	555	Jan 31	555	Jan 31 1999
LOWEST DAILY MEAN	5.6	Sep 5, 6	5.6	Sep 5, 6 1999
ANNUAL SEVEN-DAY MINIMUM	5.8	Sep 1	5.8	Sep 1 1999
INSTANTANEOUS PEAK FLOW	724	Jan 31	724	Jan 31 1999
INSTANTANEOUS PEAK STAGE	6.95	Jan 31	6.95	Jan 31 1999
ANNUAL RUNOFF (CFSM)	1.25		1.25	
ANNUAL RUNOFF (INCHES)	16.92		16.94	
10 PERCENT EXCEEDS	72		72	
50 PERCENT EXCEEDS	15		15	
90 PERCENT EXCEEDS	7.0		7.0	

e Estimated

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

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	e11	46	7.4	9.7	23	27	39	17	8.5	7.9	11	5.0
2	e9.0	23	7.2	9.6	20	24	534	16	8.6	7.5	14	4.7
3	e7.0	11	7.0	9.7	18	22	1410	15	8.5	7.3	12	4.8
4	26	9.1	7.5	25	17	30	974	19	9.4	7.3	9.6	4.6
5	8.9	8.6	9.6	12	15	26	243	24	13	7.1	8.8	4.6
6	8.0	8.1	10	11	14	22	141	24	10	6.9	8.0	4.4
7	7.6	7.9	8.9	10	14	19	98	17	9.2	7.1	6.6	4.9
8	8.6	7.5	9.8	10	13	18	77	15	8.6	6.6	6.2	5.0
9	11	8.5	11	20	13	18	58	15	8.3	6.5	6.2	4.5
10	73	8.6	29	79	13	133	47	15	8.2	6.9	7.9	4.2
11	14	10	11	28	13	280	38	14	8.0	7.1	7.7	6.7
12	8.7	e8.5	11	19	12	143	54	13	7.7	6.6	6.6	10
13	7.6	e8.0	70	18	13	90	41	12	7.4	6.7	6.7	5.2
14	6.9	e7.7	18	14	17	69	43	12	7.9	6.4	6.7	3.2
15	6.4	e7.5	14	13	14	50	37	12	8.9	5.8	5.4	3.1
16	6.2	e7.4	12	12	14	42	34	11	30	7.3	6.0	2.8
17	6.1	e7.2	12	17	13	36	31	11	10	6.8	6.0	2.7
18	5.8	e7.1	14	15	14	31	28	11	7.8	6.5	5.7	3.2
19	6.2	e7.0	15	17	26	270	26	10	7.6	6.7	5.7	3.5
20	7.4	23	12	18	18	339	23	10	7.6	14	5.6	3.4
21	7.2	12	20	16	17	150	25	14	7.4	15	5.3	3.0
22	7.2	12	14	17	17	100	22	11	6.7	7.1	5.0	3.6
23	6.8	10	13	43	16	74	22	11	6.5	6.7	5.4	4.1
24	6.8	9.3	12	35	14	60	23	11	6.0	6.7	5.0	4.2
25	6.8	8.2	11	28	12	52	21	11	6.2	7.5	4.8	4.6
26	6.6	7.9	10	23	13	49	19	11	6.7	7.1	4.7	4.2
27	6.6	7.2	10	20	63	50	18	9.8	6.0	6.1	4.6	4.4
28	6.7	6.5	11	22	36	43	18	9.1	21	7.4	4.5	4.3
29	6.6	7.3	10	38	31	38	17	9.0	13	9.4	4.6	4.2
30	6.5	7.3	9.4	31	---	49	16	8.9	8.8	25	4.7	4.5
31	6.8	---	9.6	27	---	44	---	8.6	---	15	4.7	---
TOTAL	320.0	319.4	426.4	667.0	533	2398	4177	407.4	283.5	258.0	205.7	131.6
MEAN	10.3	10.6	13.8	21.5	18.4	77.4	139	13.1	9.45	8.32	6.64	4.39
MAX	73	46	70	79	63	339	1410	24	30	25	14	10
MIN	5.8	6.5	7.0	9.6	12	18	16	8.6	6.0	5.8	4.5	2.7
CFSM	.40	.42	.54	.84	.72	3.02	5.44	.51	.37	.33	.26	.17
IN.	.47	.46	.62	.97	.77	3.48	6.07	.59	.41	.37	.30	.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

MEAN	9.08	11.7	17.3	44.0	41.0	75.5	87.0	15.7	23.7	19.2	7.88	6.46
MAX	10.3	12.7	20.9	66.4	64.5	77.4	139	18.2	38.0	30.2	9.13	8.53
(WY)	2000	1999	1999	1999	1999	2000	2000	1999	1999	1999	1999	1999
MIN	7.84	10.6	13.8	21.5	18.4	73.7	34.9	13.1	9.45	8.32	6.64	4.39
(WY)	1999	2000	2000	2000	2000	1999	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1998 - 2000	
ANNUAL TOTAL	11439.9		10127.0			
ANNUAL MEAN	31.3		27.7		29.8	
HIGHEST ANNUAL MEAN					31.9	1999
LOWEST ANNUAL MEAN					27.7	2000
HIGHEST DAILY MEAN	555	Jan 31	1410	Apr 3	1410	Apr 3 2000
LOWEST DAILY MEAN	5.6	Sep 5, 6	2.7	Sep 17	2.7	Sep 17 2000
ANNUAL SEVEN-DAY MINIMUM	5.8	Sep 1	3.1	Sep 15	3.1	Sep 15 2000
INSTANTANEOUS PEAK FLOW			1650	Apr 4	1650	Apr 4 2000
INSTANTANEOUS PEAK STAGE			10.89	Apr 4	10.89	Apr 4 2000
ANNUAL RUNOFF (CFSM)	1.22		1.08		1.16	
ANNUAL RUNOFF (INCHES)	16.62		14.72		15.81	
10 PERCENT EXCEEDS	72		41		58	
50 PERCENT EXCEEDS	14		10		13	
90 PERCENT EXCEEDS	7.0		5.1		6.5	

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 1999 TO SEPTEMBER 2000

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-SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	OXYGEN, CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	WATER WHOLE LAB (STAND-ARD UNITS) (00403)
OCT												
05...	1130	18.8	22.5	756	2.28	8.6	328	329	7.5	81	7.7	8.0
14...	1000	19.6	20.5	755	2.16	7.4	364	358	7.5	83	8.0	8.1
21...	1015	14.8	14.0	758	2.16	7.4	366	365	8.6	85	8.1	8.1
28...	1100	13.9	19.0	761	2.17	7.6	372	374	9.5	92	8.1	8.1
NOV												
03...	1000	13.2	9.5	760	2.26	6.0	285	283	8.7	83	8.0	7.6
16...	0820	12.3	9.5	--	2.30	6.5	368	365	8.0	--	8.1	8.0
DEC												
01...	0900	8.5	7.0	775	2.31	6.5	372	369	8.9	75	8.0	8.0
13...	1100	15.1	18.5	746	2.87	51	252	253	8.3	84	7.8	7.5
JAN												
04...	1030	15.4	15.0	753	2.41	26	240	230	7.3	74	7.9	7.5
25...	1015	7.1	1.0	751	2.47	28	243	245	9.9	83	7.7	7.7
FEB												
09...	1015	9.3	10.0	759	2.33	14	324	326	10.4	91	8.2	8.0
24...	0950	14.4	18.5	761	2.29	14	298	312	9.8	96	8.1	7.7
MAR												
09...	1155	17.1	25.5	761	2.35	14	267	278	9.2	96	7.7	8.1
11...	0115	16.4	18.0	753	4.73	349	109	112	9.0	93	6.6	7.3
19...	1230	13.2	16.4	748	4.12	199	134	141	8.8	85	6.7	7.5
APR												
03...	1200	17.8	18.5	752	10.12	1410	70	72	7.8	83	7.0	7.4
20...	0940	17.8	19.0	754	2.44	26	268	276	7.7	82	7.4	7.9
MAY												
15...	1020	18.9	20.5	759	2.27	8.4	340	359	6.5	70	8.1	8.1
JUN												
08...	1030	20.4	25.0	754	2.25	8.3	369	368	7.0	79	8.2	8.0
JUL												
05...	1100	23.9	31.0	756	2.17	7.3	383	380	6.7	80	7.8	8.0
AUG												
21...	1245	25.2	30.5	759	2.09	4.8	362	385	6.1	75	8.0	8.0
SEP												
25...	1120	24.2	24.3	751	2.15	3.6	364	375	5.9	72	7.9	8.0

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)
OCT											
05...	0	161	132	--	--	--	--	2.0	2.0	.21	.17
14...	0	174	143	--	--	--	--	2.0	1.6	.52	.15
21...	0	181	148	--	--	--	--	2.0	1.9	--	--
28...	0	184	151	--	--	--	--	2.1	2.1	--	--
NOV											
03...	0	137	112	--	--	--	--	1.6	1.6	--	--
16...	0	186	153	--	--	--	--	1.5	1.5	--	--
DEC											
01...	0	193	158	--	--	--	--	1.9	1.9	--	--
13...	0	124	102	--	--	--	--	1.4	1.2	.56	.27
JAN											
04...	0	122	100	K1400	2000	--	--	.96	.86	--	--
25...	0	120	98	120	95	--	--	1.2	1.1	--	--
FEB											
09...	0	164	135	K32	60	--	--	2.0	2.0	.11	.10
24...	0	158	129	--	--	--	--	1.7	1.6	--	--
MAR											
09...	0	140	114	--	110	--	--	--	1.6	--	.13
11...	0	44	36	4500	4100	--	--	1.6	.91	1.0	.28
19...	0	63	52	14000	5900	--	--	1.7	1.1	.88	.31
APR											
03...	0	26	22	7900	5800	--	--	.63	.39	--	--
20...	0	140	120	120	120	--	--	1.1	--	.19	--
MAY											
15...	0	189	155	100	83	K1	<1	1.6	1.5	--	--
JUN											
08...	0	191	156	--	150	--	--	3.5	3.4	--	--
JUL											
05...	0	191	156	230	170	--	--	3.7	3.6	--	--
AUG											
21...	0	192	157	--	93	--	--	2.7	2.6	.26	.22
SEP											
25...	0	189	155	--	K100	--	--	2.1	2.1	.29	.25

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 1999 TO SEPTEMBER 2000

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
OCT											
05...	.021	<.010	--	.19	.23	1.77	.03	--	--	.696	.230
14...	.035	<.010	--	.18	.56	1.44	.05	--	--	.583	.204
21...	<.020	<.010	--	.17	.23	1.77	--	--	--	.696	.249
28...	<.020	<.010	--	.16	.19	1.93	--	--	--	.871	.294
NOV											
03...	<.020	<.010	--	.22	.28	1.35	--	--	--	.613	.259
16...	<.020	<.010	--	.14	.21	1.33	--	--	--	.721	.281
DEC											
01...	<.020	<.010	--	.13	.16	1.73	--	--	--	.877	.374
13...	.020	<.010	--	.29	.58	.865	.03	--	--	.304	.199
JAN											
04...	<.020	<.010	--	.21	.31	.654	--	--	--	.261	.146
25...	<.020	<.010	--	.11	.21	.962	--	--	--	.215	.110
FEB											
09...	.021	<.010	--	.12	.14	1.90	.03	--	--	.540	.200
24...	<.020	<.010	--	.14	.18	1.49	--	--	--	.524	.183
MAR											
09...	.030	<.010	--	.16	<.10	1.47	.04	--	--	.297	.144
11...	.175	.010	.448	.45	1.2	.458	.23	1.98	.033	.104	.257
19...	.118	<.010	--	.42	1.0	.681	.15	--	--	.215	.229
APR											
03...	<.020	<.010	--	.23	.47	.163	--	--	--	.037	.092
20...	.020	<.010	--	E.10	.22	.879	.03	--	--	.209	.096
MAY											
15...	<.020	<.010	--	.15	.19	1.38	--	--	--	.552	.167
JUN											
08...	<.020	.012	3.27	.16	.26	3.28	--	14.5	.039	.969	.374
JUL											
05...	<.020	.013	3.42	.20	.25	3.43	--	15.1	.043	.911	.332
AUG											
21...	.023	.010	2.38	.24	.29	2.39	.03	10.5	.033	.721	.275
SEP											
25...	.028	.012	1.80	.28	.32	1.82	.04	7.98	.039	.356	.160

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	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											
05...	.217	.227	2.3	<.2	140	5	43.7	6.81	9.0	.3	12
14...	.207	.190	2.0	.2	160	16	50.6	7.86	10.8	.4	13
21...	.231	.227	1.7	.3	160	13	51.1	8.23	11.4	.4	13
28...	.168	.284	1.5	.2	160	7	50.0	7.91	12.2	.4	14
NOV											
03...	.230	.200	3.2	.4	120	3	36.1	6.19	9.6	.4	15
16...	.300	.235	1.9	.2	160	11	51.5	8.42	10.8	.4	12
DEC											
01...	.334	.286	1.6	.2	160	4	51.3	8.23	10.7	.4	12
13...	.122	.099	3.9	1.1	120	15	38.0	5.42	3.5	.1	6
JAN											
04...	.104	.085	3.8	.8	110	15	36.0	6.05	3.8	.2	7
25...	.094	.070	1.9	.2	110	14	36.5	5.14	4.6	.2	8
FEB											
09...	.184	.176	1.5	<.2	150	13	47.9	6.80	6.9	.2	9
24...	.194	.171	1.5	.2	140	7	44.0	6.52	8.1	.3	11
MAR											
09...	.128	.097	1.7	.2	130	12	40.6	6.09	5.9	.2	9
11...	.049	.034	5.0	6.0	47	11	14.4	2.72	1.9	.1	8
19...	.083	.070	3.7	2.1	60	8	18.4	3.39	2.0	.1	7
APR											
03...	.022	.012	5.1	2.1	29	7	8.37	1.91	1.4	.1	9
20...	.084	.068	1.4	<.2	130	17	43.5	5.55	4.1	.2	6
MAY											
15...	.212	.180	1.6	.3	150	--	49.4	7.03	8.8	.3	11
JUN											
08...	.328	.316	1.7	.3	150	--	48.7	7.30	13.2	.5	16
JUL											
05...	.326	.297	2.1	<.2	150	--	47.8	7.60	14.6	.5	17
AUG											
21...	.288	.235	2.2	.3	150	--	48.4	8.15	17.3	.6	19
SEP											
25...	.136	.116	2.3	.3	150	--	49.6	7.37	13.3	.5	15

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 1999 TO SEPTEMBER 2000

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT											
05...	2.3	7.5	10.2	.1	7.7	<10	27	186	175	4.30	.25
14...	2.6	12.3	10.7	.1	8.5	E10	42	204	196	4.08	.28
21...	2.4	8.6	10.2	.1	8.7	E10	35	221	198	4.42	.30
28...	2.5	8.7	9.9	.1	8.1	E10	27	207	199	4.24	.28
NOV											
03...	2.7	7.9	12.4	.1	6.5	20	27	159	156	2.58	.22
16...	2.5	10.4	E.3	.1	8.2	E10	33	203	--	--	--
DEC											
01...	2.2	9.6	11.5	.1	7.6	10	22	210	205	3.69	.29
13...	2.4	4.6	7.5	<.1	5.9	20	13	141	133	19.3	.19
JAN											
04...	2.2	4.4	9.5	<.1	5.0	30	26	139	130	9.68	.19
25...	1.4	5.1	7.5	<.1	6.9	30	21	140	131	10.4	.19
FEB											
09...	1.7	6.6	9.6	.1	6.2	20	23	183	176	7.02	.25
24...	1.7	6.9	8.8	<.1	5.8	20	25	186	167	6.83	.25
MAR											
09...	1.5	5.6	8.5	<.1	6.0	20	27	160	150	6.26	.22
11...	1.9	2.5	6.8	<.1	3.9	60	18	75	58	70.7	.10
19...	1.7	3.2	6.0	<.1	4.1	50	21	87	73	46.7	.12
APR											
03...	1.4	1.6	4.9	<.1	4.3	50	21	46	37	175	.06
20...	1.1	4.2	6.2	<.1	6.8	20	23	155	144	10.9	.21
MAY											
15...	2.0	7.3	9.7	<.1	7.4	E10	25	198	191	4.46	.27
JUN											
08...	2.0	7.8	9.9	.1	7.5	E10	20	211	206	4.71	.29
JUL											
05...	2.5	8.5	10.2	.1	7.6	E10	30	223	209	4.42	.30
AUG											
21...	3.0	11.4	11.6	.2	9.0	E10	37	229	215	2.96	.31
SEP											
25...	3.1	9.8	11.6	.2	8.7	<10	24	214	205	2.09	.29

DATE	TIME	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	LEAD, DISSOLVED (UG/L AS PB) (01049)
NOV									
03...	1000	<2.0	23	<1	<1.0	<.8	<1	<1	<1

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV								
03...	2	1	<1	3	<1	6	<2.4	<1

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 1999 TO SEPTEMBER 2000

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)	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)
OCT											
05...	<.007	<.002	.095	E.006	<.004	<.003	<.002	<.006	E.003	<.004	<.001
14...	<.007	<.002	.504	E.012	<.004	<.003	<.002	<.006	<.004	<.004	<.001
21...	<.007	<.002	.102	E.006	<.004	<.003	<.002	<.006	<.004	<.004	<.001
28...	<.007	<.002	.077	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001
NOV											
03...	<.007	<.002	1.62	E.008	<.004	<.003	<.002	<.006	<.004	<.004	<.001
DEC											
01...	<.007	<.002	.082	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JAN											
04...	<.007	<.002	1.30	<.018	<.004	<.003	<.002	<.006	.011	<.004	<.001
FEB											
09...	<.007	<.002	.132	E.003	<.004	<.003	<.002	<.006	E.003	<.004	<.001
MAR											
09...	<.007	<.002	.132	E.003	<.004	<.003	<.002	<.006	E.003	<.004	<.001
11...	<.007	<.002	1.99	E.003	<.004	<.003	<.002	<.006	.005	<.004	<.001
19...	<.007	<.002	1.54	<.018	<.004	<.003	<.002	<.006	.004	<.004	<.001
APR											
03...	<.007	<.002	.208	<.018	<.004	<.003	<.002	<.006	.007	<.004	<.001
20...	<.007	<.002	.061	E.009	<.004	<.003	<.002	<.006	<.004	<.004	<.001
MAY											
15...	<.007	<.002	.029	E.004	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUN											
08...	<.007	<.002	.032	E.006	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUL											
05...	<.007	<.002	.025	E.007	<.004	<.003	<.002	<.006	E.003	<.004	<.001
AUG											
21...	<.007	<.002	.018	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001
SEP											
25...	<.007	<.002	.021	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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)	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)
OCT											
05...	<.002	<.005	<.004	.007	<.002	<.002	<.004	<.003	<.002	<.004	<.002
14...	<.002	.027	<.004	.019	<.002	<.002	<.004	<.003	<.002	<.004	<.002
21...	<.002	<.005	<.004	E.009	<.002	<.002	<.004	<.003	<.002	<.004	<.002
28...	<.002	<.005	<.004	.006	<.002	<.002	<.004	<.003	<.002	<.004	<.002
NOV											
03...	<.002	<.005	<.004	.041	<.002	<.002	<.004	<.003	<.002	<.004	<.002
DEC											
01...	<.002	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JAN											
04...	<.002	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
FEB											
09...	<.002	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
MAR											
09...	<.002	<.005	<.004	.008	<.002	<.002	<.004	<.003	<.002	<.004	<.002
11...	.007	<.005	<.004	.044	<.002	<.002	<.004	<.003	.007	<.004	<.002
19...	.006	<.005	<.004	.013	<.002	<.002	<.004	<.003	.005	<.004	<.002
APR											
03...	<.005	<.005	<.004	.087	<.002	<.002	<.004	<.003	<.002	<.004	<.002
20...	.005	<.005	<.004	.005	<.002	<.002	<.004	<.003	E.003	<.004	<.002
MAY											
15...	E.003	<.005	<.004	.005	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUN											
08...	.005	<.005	<.004	.015	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUL											
05...	<.002	<.005	<.004	.010	<.002	<.002	<.004	<.003	<.002	<.004	<.002
AUG											
21...	<.002	<.005	<.004	.008	<.002	<.002	<.004	<.003	<.002	<.004	<.002
SEP											
25...	<.002	.005	<.004	.008	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 1999 TO SEPTEMBER 2000

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)	PEB-EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	MOL-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	ETHO-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	BEN-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	CARBO-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	TER-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	PRON-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
OCT											
05...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
14...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
21...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
28...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NOV											
03...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
DEC											
01...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JAN											
04...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
FEB											
09...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
MAR											
09...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
11...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	E.004	<.003	<.013	<.003
19...	<.007	<.002	<.006	<.002	<.004	.006	<.003	<.002	<.003	<.013	<.015
APR											
03...	<.007	<.002	<.006	<.005	<.004	<.004	<.003	E.003	<.003	<.013	.066
20...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
MAY											
15...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUN											
08...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUL											
05...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
AUG											
21...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
SEP											
25...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003

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)
OCT											
05...	<.017	<.001	<.004	E.080	<.002	<.002	<.004	<.003	<.013	<.001	<.005
14...	<.017	<.001	<.004	E.008	<.002	<.002	<.004	<.003	<.013	<.001	<.005
21...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	--	<.001	<.005
28...	<.017	<.001	<.004	E.005	<.002	<.002	<.004	<.003	<.013	<.001	<.005
NOV											
03...	<.017	<.001	<.004	E.37	<.002	<.002	<.004	<.003	<.013	<.001	<.005
DEC											
01...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JAN											
04...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
FEB											
09...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAR											
09...	<.017	<.001	<.004	E.014	<.002	<.002	<.004	<.003	<.013	<.001	<.005
11...	<.017	<.001	<.004	E.017	<.002	<.002	.034	<.003	<.013	<.001	<.005
19...	<.017	<.001	<.004	E.013	<.002	<.002	.029	<.003	<.013	<.001	<.005
APR											
03...	<.017	<.001	<.004	E.063	<.002	<.002	.045	<.003	<.013	<.001	<.005
20...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAY											
15...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUN											
08...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUL											
05...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	--	<.001	<.005
AUG											
21...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
SEP											
25...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

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 1999 TO SEPTEMBER 2000

DATE	DI-BROMO-METHANE WATER 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-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)
OCT											
05...	<.05	<.05	<.06	<.1	<.06	<.2	E.05	E.01	<.04	<1	<.03
NOV											
03...	<.05	<.05	<.06	<.1	<.06	<.2	E.07	E.02	E.01	<1	<.03
16...	<.05	<.05	<.06	<.1	<.06	<.2	E.06	E.03	E.01	<1	<.03
DEC											
01...	<.05	<.05	<.06	<.1	<.06	<.2	.13	E.03	<.04	<1	<.03
13...	<.05	<.05	<.06	<.1	<.06	<.2	E.05	E.02	E.01	<1	<.03
JAN											
04...	<.05	<.05	<.06	<.1	<.06	<.2	E.06	E.03	<.04	<1	<.03
25...	<.05	E.02	<.06	<.1	<.06	<.2	.11	E.03	E.02	<1	<.03
FEB											
09...	<.05	E.02	<.06	<.1	<.06	<.2	.13	E.06	E.05	<1	<.03
24...	<.05	.19	<.06	<.1	<.06	M	.49	E.02	<.04	<1	<.03
MAR											
09...	<.05	E.01	<.06	<.1	<.06	<.2	E.07	<.05	<.04	<1	<.03
11...	<.05	<.05	<.06	<.1	<.06	<.2	E.04	E.04	E.02	<1	<.03
APR											
03...	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.02	<.04	<1	<.03
20...	<.05	E.03	<.06	<.1	<.06	<.2	.11	E.02	<.04	<1	<.03
MAY											
15...	<.05	<.05	<.06	<.1	<.06	<.2	E.07	E.02	<.04	<1	<.03
JUN											
08...	<.05	E.03	<.06	<.1	<.06	<.2	.14	E.02	<.04	<1	<.03
JUL											
05...	<.05	<.05	<.06	<.1	<.06	<.2	.12	E.03	<.04	<1	<.03
AUG											
21...	<.05	<.05	<.06	<.1	<.06	<.2	E.07	E.03	<.04	<1	<.03
SEP											
25...	<.05	<.05	<.06	<.1	<.06	<.2	.10	<.05	<.04	<1	<.03

DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	ETHYL-BENZENE TOTAL (UG/L) (34371)	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)
OCT											
05...	<.1	<.03	<.2	<.3	<.5	<.4	M	<.09	<.07	<.04	<.03
NOV											
03...	<.1	<.03	<.2	<.3	<.5	<.4	M	<.09	<.07	<.04	M
16...	<.1	<.03	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
DEC											
01...	<.1	<.03	<.2	<.3	<.5	<.4	M	<.09	<.07	<.04	<.03
13...	<.1	<.03	<.2	<.3	<.5	<.4	M	<.09	<.07	<.04	<.03
JAN											
04...	<.1	<.03	<.2	<.3	<.5	<.4	M	<.09	<.07	<.04	<.03
25...	<.1	<.03	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
FEB											
09...	<.1	E.01	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
24...	<.1	<.03	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
MAR											
09...	<.1	<.03	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
11...	<.1	<.03	<.2	<.3	<.5	<.4	<.1	<.09	<.07	<.04	<.03
APR											
03...	<.1	<.03	<.2	<.3	<.5	<.4	6.3	<.09	<.07	<.04	<.03
20...	<.1	<.03	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
MAY											
15...	<.1	<.03	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
JUN											
08...	<.1	<.03	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
JUL											
05...	<.1	<.03	<.2	<.3	<.5	<.4	E.1	<.09	<.07	<.04	<.03
AUG											
21...	<.1	<.03	<.2	<.3	<.5	<.4	.1	<.09	<.07	<.04	<.03
SEP											
25...	<.1	<.03	<.2	<.3	<.5	<.4	.1	<.09	<.07	<.04	<.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 1999 TO SEPTEMBER 2000

DATE	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)	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)
OCT											
05...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
NOV											
03...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
16...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
DEC											
01...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
13...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
JAN											
04...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
25...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
FEB											
09...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
24...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
MAR											
09...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
11...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
APR											
03...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
20...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
MAY											
15...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
JUN											
08...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
JUL											
05...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
AUG											
21...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09
SEP											
25...	<.06	<.09	<.05	<.07	<.03	<.2	<.05	<.05	<.3	<.2	<.09

DATE	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)	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)
OCT											
05...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
NOV											
03...	<.09	<.1	E.02	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
16...	<.09	<.1	E.02	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
DEC											
01...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
13...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
JAN											
04...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
25...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
FEB											
09...	<.09	<.1	E.01	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
24...	<.09	<.1	E.01	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
MAR											
09...	<.09	<.1	E.01	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
11...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
APR											
03...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
20...	<.09	<.1	E.01	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
MAY											
15...	<.09	<.1	E.02	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
JUN											
08...	<.09	<.1	E.01	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
JUL											
05...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
AUG											
21...	<.09	<.1	<.04	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7
SEP											
25...	<.09	<.1	E.01	<.1	<1	<.2	<.2	<.1	<.05	<.1	<.7

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 1999 TO SEPTEMBER 2000

DATE	METHAC-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)	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)
OCT											
05...	<.2	<.07	<.04	<.7	E.01	<.04	<.03	<.05	<.1	<.06	<.1
NOV											
03...	<.2	<.07	E.02	<.7	E.01	<.04	<.03	<.05	<.1	<.06	<.1
16...	<.2	<.07	E.02	<.7	E.01	<.04	<.03	<.05	<.1	<.06	<.1
DEC											
01...	<.2	<.07	<.04	<.7	E.02	<.04	<.03	<.05	<.1	<.06	<.1
13...	<.2	<.07	<.04	<.7	E.01	<.04	<.03	<.05	<.1	<.06	<.1
JAN											
04...	<.2	<.07	<.04	<.7	E.01	<.04	<.03	<.05	<.1	<.06	<.1
25...	<.2	<.07	E.01	<.7	E.01	E.01	<.03	<.05	<.1	<.06	<.1
FEB											
09...	<.2	<.07	E.01	<.7	E.01	<.04	<.03	<.05	<.1	M	<.1
24...	<.2	<.07	E.02	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1
MAR											
09...	<.2	<.07	E.01	<.7	E.01	<.04	<.03	<.05	<.1	<.06	<.1
11...	<.2	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1
APR											
03...	<.2	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1
20...	<.2	<.07	E.01	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1
MAY											
15...	<.2	<.07	E.02	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1
JUN											
08...	<.2	<.07	E.02	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1
JUL											
05...	<.2	<.07	E.02	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1
AUG											
21...	<.2	<.07	E.03	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1
SEP											
25...	<.2	<.07	E.03	<.7	<.04	<.04	<.03	<.05	<.1	<.06	<.1

DATE	BENZENE 124-TRI METHYL UNFILT 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)	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)
OCT										
05...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
NOV										
03...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
16...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
DEC										
01...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
13...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
JAN										
04...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
25...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
FEB										
09...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
24...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
MAR										
09...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
11...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
APR										
03...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
20...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
MAY										
15...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
JUN										
08...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
JUL										
05...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
AUG										
21...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06
SEP										
25...	<.06	<.03	<.04	<.04	<.04	<.06	<.04	<.2	<.03	<.06

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 1999 TO SEPTEMBER 2000

DATE	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)
OCT										
05...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
NOV										
03...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.2	<.4
16...	E.01	<.1	<.2	<.03	<.3	<.04	<.06	M	<.2	<.4
DEC										
01...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
13...	E.01	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.2	<.4
JAN										
04...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
25...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	.3	<.2	<.4
FEB										
09...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	.2	<.2	<.4
24...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.2	<.4
MAR										
09...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	E.1	<.2	<.4
11...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
APR										
03...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
20...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	.2	<.2	<.4
MAY										
15...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
JUN										
08...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
JUL										
05...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
AUG										
21...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.4
SEP										
25...	<.07	<.1	<.2	<.03	<.3	<.04	<.06	<.2	<.2	<.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-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHYL-ETHYL-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)
OCT										
05...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NOV										
03...	E1	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
16...	E2	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
DEC										
01...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
13...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
JAN										
04...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
25...	<7	<.04	<.2	M	<.6	<2	<.3	<2	<.2	<.06
FEB										
09...	E1	<.04	<.2	M	<.6	<2	<.3	<2	<.2	E.03
24...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
MAR										
09...	E1	<.04	<.2	M	<.6	<2	<.3	<2	<.2	<.06
11...	E3	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
APR										
03...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
20...	<7	<.04	<.2	M	<.6	<2	<.3	<2	<.2	<.06
MAY										
15...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
JUN										
08...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
JUL										
05...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
AUG										
21...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
SEP										
25...	<7	<.04	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
05...	1130	8.6	7	.16	96
14...	1000	7.4	6	.12	93
21...	1015	7.4	4	.08	93
28...	1100	7.6	5	.10	95
NOV					
03...	1000	6.0	13	.21	91
16...	0820	6.5	8	.14	87
DEC					
01...	0900	6.5	5	.09	75
13...	1100	51	60	8.2	96
JAN					
04...	1030	26	20	1.4	95
25...	1015	28	8	.60	78
FEB					
09...	1015	14	4	.15	68
24...	0950	14	4	.15	85
MAR					
11...	0115	349	243	229	85
19...	1230	199	143	77	90
APR					
03...	1200	1410	68	259	80
20...	0940	26	8	.56	89
MAY					
15...	1020	8.4	9	.20	91
JUN					
08...	1030	8.3	7	.16	91
JUL					
05...	1100	7.3	8	.16	97
AUG					
21...	1245	4.8	8	.10	93
SEP					
25...	1120	3.6	10	.10	80

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 mi^2.
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: Apr. 17 to May 10. Records good except for period of estimated record, which is 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 ft^3/s.

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	52	223	53	74	425	333	539	e110	54	53	330	34
2	45	612	55	70	350	272	3930	e140	47	49	213	34
3	45	264	52	70	283	236	10800	e125	43	45	296	35
4	288	147	52	302	225	620	17400	e115	47	41	182	33
5	100	93	57	323	185	380	11300	e110	57	39	84	36
6	58	69	85	223	160	286	2630	e100	91	38	86	31
7	51	64	63	172	142	262	1630	e90	61	37	58	32
8	48	78	60	143	120	198	1190	e92	55	35	45	37
9	58	62	69	445	114	172	840	e95	49	33	41	36
10	1350	62	169	1820	107	1310	636	e110	45	32	123	35
11	928	63	108	992	101	4150	586	91	47	33	62	47
12	255	62	89	506	98	3550	819	84	46	33	95	44
13	137	61	952	367	112	1640	684	76	44	33	80	35
14	94	62	520	254	195	974	642	71	40	32	43	38
15	72	61	270	183	195	659	696	65	42	31	40	36
16	64	60	180	143	153	541	600	63	233	44	36	31
17	66	57	128	177	146	459	e500	62	180	36	40	31
18	59	54	111	207	147	379	e410	63	72	32	34	31
19	56	56	199	192	164	2200	e350	60	66	31	31	29
20	54	118	139	213	125	5920	e290	61	125	31	35	30
21	59	146	213	164	104	3020	e290	117	78	337	34	31
22	56	84	220	144	92	1540	e240	93	65	82	33	32
23	50	66	192	832	90	973	e185	71	56	57	31	31
24	46	61	156	1200	101	684	e210	64	57	37	32	34
25	46	60	124	591	91	564	e190	60	52	36	33	47
26	45	57	111	407	81	519	e160	72	60	78	37	37
27	49	58	99	307	580	517	e140	74	69	44	35	33
28	43	55	84	285	608	478	e150	65	82	41	36	29
29	39	57	80	547	428	382	e140	62	155	34	36	28
30	43	53	83	578	---	700	e130	55	76	59	32	25
31	56	---	76	504	---	761	---	63	---	275	34	---
TOTAL	4412	3025	4849	12435	5722	34679	58307	2579	2194	1818	2327	1022
MEAN	142	101	156	401	197	1119	1944	83.2	73.1	58.6	75.1	34.1
MAX	1350	612	952	1820	608	5920	17400	140	233	337	330	47
MIN	39	53	52	70	81	172	130	55	40	31	31	25
CFSM	.42	.30	.47	1.20	.59	3.34	5.80	.25	.22	.18	.22	.10
IN.	.49	.34	.54	1.38	.64	3.85	6.47	.29	.24	.20	.26	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2000, BY WATER YEAR (WY)

MEAN	289	387	487	1358	963	1379	924	226	564	302	139	82.9
MAX	901	1100	746	2174	1667	2174	1944	354	1499	499	260	147
(WY)	1996	1996	1996	1998	1998	1996	2000	1997	1997	1999	1998	1996
MIN	60.0	101	156	401	197	1081	399	83.2	73.1	58.6	61.2	34.1
(WY)	1999	2000	2000	2000	2000	1999	1999	2000	2000	2000	1999	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1996 - 2000	
ANNUAL TOTAL	167122		133369			
ANNUAL MEAN	458		364		590	
HIGHEST ANNUAL MEAN					790	1996
LOWEST ANNUAL MEAN					364	2000
HIGHEST DAILY MEAN	8920	Jun 29	17400	Apr 4	17400	Apr 4 2000
LOWEST DAILY MEAN	37	Sep 23-25	25	Sep 30	25	Sep 30 2000
ANNUAL SEVEN-DAY MINIMUM	43	Sep 22	31	Sep 16	31	Sep 16 2000
INSTANTANEOUS PEAK FLOW			18200	Apr 4	18200	Apr 4 2000
INSTANTANEOUS PEAK STAGE			30.97	Apr 4	30.97	Apr 4 2000
ANNUAL RUNOFF (CFSM)	1.37		1.09		1.76	
ANNUAL RUNOFF (INCHES)	18.56		14.81		23.94	
10 PERCENT EXCEEDS	1070		609		1360	
50 PERCENT EXCEEDS	180		82		213	
90 PERCENT EXCEEDS	52		34		54	

e Estimated

02423630 SHADES CREEK NEAR GREENWOOD, AL

LOCATION.--Lat 33°19'34", long 86°56'59", in SW$^1/_4$ 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 mi^2.
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: May 1-5, Aug. 15 to Sept. 6. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	43	8.5	18	131	80	119	e28	7.6	16	176	e3.7
2	5.0	390	8.3	17	106	65	1520	e32	8.3	10	160	e3.3
3	3.6	75	8.5	17	87	56	4740	e26	7.2	7.5	403	e2.8
4	151	32	8.5	233	75	309	3960	e22	6.3	6.2	51	e3.0
5	48	25	9.3	105	62	125	804	e19	67	5.4	40	e2.8
6	14	17	28	55	53	89	317	18	69	4.9	21	e2.4
7	7.7	15	18	42	50	70	227	17	19	4.8	14	2.1
8	5.3	13	11	35	46	60	215	16	12	4.8	11	2.4
9	6.9	12	9.3	194	42	53	157	15	9.1	4.3	9.9	2.5
10	645	12	63	1110	38	709	121	16	7.5	4.2	8.9	3.0
11	518	11	52	291	37	3170	102	16	6.6	4.1	9.7	3.2
12	51	10	21	151	35	1030	239	15	6.0	4.1	12	2.5
13	31	9.9	492	121	33	301	193	14	5.7	4.2	8.1	2.5
14	22	9.9	167	89	198	212	196	12	5.6	3.9	7.8	2.2
15	16	9.7	67	66	79	163	203	11	6.6	3.8	e7.5	2.1
16	14	9.7	42	58	53	138	133	10	61	19	e7.0	2.1
17	13	9.5	31	85	46	120	109	9.8	109	14	e7.4	2.3
18	11	9.5	27	115	45	89	89	10	23	7.6	e7.0	1.9
19	9.4	9.6	90	75	54	1030	75	9.8	14	4.9	e6.5	1.6
20	9.4	41	53	97	45	2750	61	9.4	124	4.8	e7.0	1.7
21	30	91	91	64	37	458	66	21	27	194	e7.5	1.7
22	15	24	108	55	34	260	54	25	14	27	e6.5	1.4
23	10	15	55	367	32	187	44	16	11	12	e6.0	2.6
24	8.3	12	40	223	32	147	53	12	8.4	7.3	e5.5	19
25	7.5	11	33	140	30	121	53	11	7.4	7.2	e6.0	20
26	7.2	10	28	107	28	130	40	39	18	15	e7.5	8.3
27	7.3	9.8	26	81	330	135	37	46	26	18	e6.0	5.7
28	8.2	9.6	24	86	175	135	64	23	22	13	e5.8	3.7
29	7.2	9.2	21	312	104	82	47	25	66	9.6	e5.5	2.1
30	6.9	8.6	20	271	---	244	35	12	39	55	e4.7	1.6
31	6.7	---	19	166	---	187	---	9.1	---	339	e4.2	---
TOTAL	1705.6	964.0	1679.4	4846	2117	12705	14073	565.1	813.3	835.6	1040.0	116.2
MEAN	55.0	32.1	54.2	156	73.0	410	469	18.2	27.1	27.0	33.5	3.87
MAX	645	390	492	1110	330	3170	4740	46	124	339	403	20
MIN	3.6	8.6	8.3	17	28	53	35	9.1	5.6	3.8	4.2	1.4
CFSM	.76	.44	.75	2.16	1.01	5.67	6.49	.25	.37	.37	.46	.05
IN.	.88	.50	.86	2.49	1.09	6.54	7.24	.29	.42	.43	.54	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2000, BY WATER YEAR (WY)

MEAN	55.7	69.8	143	259	205	350	233	131	78.7	63.0	57.6	59.9
MAX	282	228	475	447	552	800	763	387	245	150	307	275
(WY)	1978	1978	1968	1975	1971	1980	1979	1976	1999	1971	1967	1979
MIN	9.86	22.6	31.1	31.7	62.2	74.5	36.6	18.2	23.8	27.0	8.25	3.87
(WY)	1999	1979	1981	1981	1968	1967	1967	2000	1977	2000	1999	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1965 - 2000	
ANNUAL TOTAL	40084.4		41460.2			
ANNUAL MEAN	110		113		142	
HIGHEST ANNUAL MEAN					193	1980
LOWEST ANNUAL MEAN					82.2	1981
HIGHEST DAILY MEAN	2320	Jan 31	4740	Apr 3	8510	Apr 13 1979
LOWEST DAILY MEAN	2.5	Sep 20	1.4	Sep 22	1.4	Sep 22 2000
ANNUAL SEVEN-DAY MINIMUM	2.6	Sep 14	1.8	Sep 16	1.8	Sep 16 2000
INSTANTANEOUS PEAK FLOW			6110	Apr 3	10900	Apr 13 1979
INSTANTANEOUS PEAK STAGE			14.84	Apr 3	15.19	Apr 13 1979
ANNUAL RUNOFF (CFSM)	1.52		1.57		1.97	
ANNUAL RUNOFF (INCHES)	20.62		21.33		26.70	
10 PERCENT EXCEEDS	243		195		289	
50 PERCENT EXCEEDS	36		21		55	
90 PERCENT EXCEEDS	4.7		4.8		20	

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 mi^2.

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. 11-14, July 8-22, and Sept. 18-21. Records good. An average of 82 ft^3/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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	334	375	234	337	1270	1020	1340	597	262	374	990	189
2	267	1310	230	326	1120	899	4420	553	268	302	847	185
3	228	1250	227	318	1010	799	22300	523	251	262	1170	183
4	229	715	231	1050	919	833	34100	516	247	247	901	182
5	632	481	235	1300	810	1200	22800	469	285	235	593	178
6	452	386	252	961	715	895	8810	476	328	223	388	175
7	291	331	269	744	655	758	4360	460	413	217	344	177
8	255	293	309	620	616	693	3340	420	327	e210	308	184
9	269	279	277	615	570	596	2710	395	273	e205	259	185
10	437	275	308	3310	542	607	2170	385	253	e202	271	185
11	e2650	257	446	3700	524	6270	1850	376	237	e205	358	185
12	e1700	248	489	1820	501	9000	1880	387	228	e220	334	180
13	e770	244	1250	1260	486	4030	2480	361	224	e240	258	191
14	e450	245	2240	1080	521	2340	1920	330	226	e220	301	220
15	359	243	1130	905	826	1730	1950	304	227	e210	246	194
16	299	233	798	771	672	1390	1800	288	289	e205	213	176
17	275	226	610	709	571	1240	1550	285	519	e200	201	166
18	255	221	509	765	545	1100	1350	276	636	e196	192	e160
19	247	212	540	814	550	4040	1210	270	431	e194	185	e158
20	242	242	719	793	642	15300	1100	275	341	e191	180	e158
21	238	329	703	816	537	8930	1040	562	423	e192	170	e162
22	228	551	925	689	480	4020	1010	618	372	e640	167	184
23	246	369	858	775	448	2690	915	490	299	398	171	178
24	229	297	691	2090	429	2040	875	376	270	265	172	176
25	220	271	585	1610	432	1650	892	327	256	239	182	186
26	218	260	501	1160	412	1430	837	325	303	249	182	181
27	217	248	449	982	638	1400	727	318	343	225	200	202
28	217	246	425	895	1850	1470	681	401	351	299	252	199
29	218	246	386	1180	1270	1230	679	322	341	254	210	177
30	216	238	361	2000	---	1120	674	300	454	262	200	169
31	216	---	347	1590	---	1630	---	281	---	444	193	---
TOTAL	13104	11121	17534	35985	20561	82350	131770	12266	9677	8025	10638	5425
MEAN	423	371	566	1161	709	2656	4392	396	323	259	343	181
MAX	2650	1310	2240	3700	1850	15300	34100	618	636	640	1170	220
MIN	216	212	227	318	412	596	674	270	224	191	167	158
CFSM	.41	.36	.55	1.13	.69	2.59	4.28	.39	.31	.25	.33	.18
IN.	.47	.40	.64	1.30	.74	2.98	4.77	.44	.35	.29	.39	.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1901 - 2000, BY WATER YEAR (WY)

MEAN	492	890	1581	2680	3323	3567	2712	1398	816	752	600	510
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1901 - 2000	
ANNUAL TOTAL	457639		358456			
ANNUAL MEAN	1254		979		1593	
HIGHEST ANNUAL MEAN					2827	1949
LOWEST ANNUAL MEAN					425	1935
HIGHEST DAILY MEAN	23200	Jan 31	34100	Apr 4	71700	Feb 22 1961
LOWEST DAILY MEAN	212	Sep 19, Nov 19	158	Sep 19, 20	90	Oct 24-29 1904
ANNUAL SEVEN-DAY MINIMUM	213	Sep 17	166	Sep 16	94	Oct 23 1904
INSTANTANEOUS PEAK FLOW			36300	Apr 4	83600	Mar 29 1951
INSTANTANEOUS PEAK STAGE			29.09	Apr 4	36.63	Apr 8 1938
ANNUAL RUNOFF (CFSM)	1.22		.95		1.55	
ANNUAL RUNOFF (INCHES)	16.58		12.98		21.08	
10 PERCENT EXCEEDS	2670		1640		3260	
50 PERCENT EXCEEDS	691		374		696	
90 PERCENT EXCEEDS	228		192		237	

e Estimated

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

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	1.57	1.58	1.15	1.52	4.07	3.37	4.21	2.50	1.44	1.58	3.12	.80
2	1.31	3.95	1.14	1.48	3.65	3.01	7.64	2.38	1.45	1.34	2.73	.78
3	1.14	3.91	1.13	1.45	3.33	2.77	23.18	2.30	1.38	1.19	3.66	.77
4	1.14	2.56	1.14	3.49	3.06	2.87	28.59	2.28	1.36	1.13	2.91	.77
5	2.50	1.95	1.16	4.10	2.79	3.85	25.35	2.15	1.48	1.08	2.07	.75
6	1.99	1.67	1.22	3.19	2.57	3.00	16.73	2.17	1.62	1.02	1.50	.74
7	1.40	1.50	1.28	2.64	2.42	2.67	9.02	2.12	1.88	.99	1.36	.75
8	1.26	1.37	1.42	2.33	2.32	2.51	7.49	2.00	1.60	---	1.24	.78
9	1.31	1.32	1.31	2.31	2.20	2.27	6.57	1.93	1.41	---	1.07	.78
10	1.91	1.30	1.42	6.83	2.12	2.29	5.71	1.90	1.33	---	1.10	.78
11	---	1.24	1.84	8.15	2.07	9.94	5.16	1.87	1.27	---	1.40	.78
12	---	1.21	1.97	5.10	2.01	14.49	5.21	1.90	1.23	---	1.32	.76
13	---	1.19	3.76	4.03	1.97	8.78	6.21	1.82	1.20	---	1.06	.81
14	---	1.20	5.87	3.55	2.06	5.99	5.29	1.72	1.20	---	1.22	.92
15	1.58	1.19	3.66	3.03	2.83	4.95	5.33	1.63	1.20	---	1.02	.82
16	1.39	1.15	2.77	2.70	2.46	4.31	5.07	1.58	1.41	---	.89	.74
17	1.30	1.12	2.30	2.55	2.20	4.00	4.62	1.57	2.08	---	.85	.70
18	1.23	1.11	2.03	2.69	2.13	3.60	4.23	1.54	2.41	---	.81	---
19	1.20	1.07	2.12	2.80	2.15	6.98	3.94	1.52	1.85	---	.78	---
20	1.18	1.18	2.58	2.76	2.38	20.89	3.70	1.53	1.56	---	.76	---
21	1.17	1.48	2.54	2.81	2.11	16.12	3.56	2.40	1.80	---	.72	---
22	1.13	2.14	3.10	2.50	1.95	8.66	3.50	2.55	1.64	---	.71	.78
23	1.20	1.62	2.91	2.72	1.86	6.54	3.28	2.21	1.40	1.52	.72	.75
24	1.14	1.38	2.51	5.57	1.80	5.49	3.18	1.87	1.29	1.09	.73	.74
25	1.10	1.29	2.24	4.72	1.81	4.81	3.22	1.71	1.23	.99	.77	.78
26	1.09	1.25	2.01	3.77	1.75	4.39	3.09	1.70	1.39	1.02	.77	.77
27	1.09	1.21	1.86	3.25	2.36	4.32	2.83	1.67	1.51	.94	.84	.85
28	1.09	1.20	1.79	2.99	5.15	4.46	2.72	1.93	1.53	1.21	1.04	.84
29	1.09	1.20	1.67	3.74	4.03	3.96	2.71	1.66	1.49	1.05	.88	.75
30	1.09	1.17	1.59	5.43	---	3.67	2.70	1.58	1.83	1.07	.84	.71
31	1.08	---	1.55	4.69	---	4.74	---	1.51	---	1.63	.81	---
MEAN	---	1.56	2.10	3.51	2.54	5.80	7.13	1.91	1.52	---	1.28	---
MAX	---	3.95	5.87	8.15	5.15	20.89	28.59	2.55	2.41	---	3.66	---
MIN	---	1.07	1.13	1.45	1.75	2.27	2.70	1.51	1.20	---	.71	---

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
OCT											
12...	1200	21.6	27.0	762	3.63	1060	154	152	7.9	90	7.5
25...	1130	14.6	14.5	767	1.10	228	266	266	10.5	103	8.3
NOV											
15...	1130	15.1	11.1	760	1.19	250	254	251	11.3	113	8.2
DEC											
09...	1045	10.1	20.0	766	1.31	267	295	300	12.9	114	8.4
JAN											
06...	1115	10.6	14.5	769	3.20	970	233	230	11.2	100	8.0
FEB											
01...	1045	6.0	10.5	766	4.10	1400	174	177	11.6	93	7.7
MAR											
13...	0830	12.8	14.0	767	9.20	4640	117	120	10.3	97	6.7
20...	1245	13.3	10.7	759	21.62	15500	87	92	9.3	89	6.8
APR											
04...	1300	16.5	20.5	762	29.05	36100	74	78	9.6	98	6.5
18...	1130	18.3	23.0	761	4.21	1340	191	199	8.8	94	7.6
MAY											
25...	1115	26.0	30.0	758	>1.71	328	244	248	7.8	97	8.0
JUN											
14...	0850	26.1	32.5	763	1.20	225	285	282	8.8	109	8.3
JUL											
18...	0900	27.1	24.5	763	.83	197	276	287	5.9	74	7.9
AUG											
14...	1135	26.8	36.0	765	1.26	300	227	226	10.2	127	8.4
SEP											
12...	1455	25.8	32.5	759	.76	175	303	296	8.9	110	8.3

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)
OCT										
12...	7.6	0	58	48	--	--	1.1	.78	.47	.19
25...	8.2	0	122	100	--	--	.50	--	--	--
NOV										
15...	8.2	0	120	98	--	--	.32	--	--	--
DEC										
09...	8.2	1	130	109	--	--	.73	--	--	--
JAN										
06...	7.9	0	98	80	860	550	.69	.56	--	--
FEB										
01...	7.7	0	61	50	100	--	.80	.71	.18	.10
MAR										
13...	6.9	0	45	37	K1100	730	.90	.61	.54	.25
20...	7.8	0	34	26	5000	8000	1.4	.51	1.1	.25
APR										
04...	7.3	0	28	23	3700	5000	.84	.41	.66	.24
18...	8.1	0	83	68	K33	K28	.53	--	--	--
MAY										
25...	7.9	0	119	97	--	--	.50	.35	--	--
JUN										
14...	8.1	2	143	121	0	K20	--	--	--	--
JUL										
18...	8.1	0	154	126	--	14	--	--	--	--
AUG										
14...	8.1	1	118	98	--	46	.55	.33	--	--
SEP										
12...	8.3	0	156	128	--	K21	.31	.20	--	--

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
OCT										
12...	.031	<.010	.22	.50	.556	.04	.132	.156	.061	.043
25...	<.020	<.010	E.10	.13	.369	--	.040	.026	.021	.013
NOV										
15...	<.020	<.010	E.10	.16	.161	--	.031	.041	.026	.010
DEC										
09...	<.020	<.010	E.10	.17	.558	--	.080	.041	.041	.026
JAN										
06...	<.020	<.010	.12	.26	.436	--	.169	.107	.059	.055
FEB										
01...	.035	<.010	.12	.22	.584	.05	.101	.076	.052	.033
MAR										
13...	.023	<.010	.28	.56	.338	.03	.046	.160	.020	.015
20...	.031	<.010	.28	1.2	.230	.04	.061	.273	.019	.020
APR										
04...	.020	<.010	.26	.68	.155	.03	--	.197	.013	<.010
18...	<.020	<.010	E.10	.12	.410	--	.058	<.008	.027	.019
MAY										
25...	<.020	<.010	.12	.27	.227	--	--	.036	.010	<.010
JUN										
14...	<.020	<.010	.13	.49	<.050	--	--	.032	E.005	<.010
JUL										
18...	<.020	<.010	.19	.23	<.050	--	--	.034	.008	<.010
AUG										
14...	<.020	<.010	.17	.38	.165	--	.034	.059	.017	.011
SEP										
12...	<.020	<.010	.13	.23	.074	--	--	.024	.006	<.010

DATE	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
OCT										
12...	3.6	1.8	63	15	17.2	4.80	3.5	.2	9	8.4
25...	1.9	.3	120	19	30.5	10.4	4.9	.2	8	2.0
NOV										
15...	1.9	.4	120	20	30.9	9.91	3.6	.1	6	1.7
DEC										
09...	1.6	.2	140	30	36.0	11.8	6.8	.3	9	2.0
JAN										
06...	9.9	.4	100	20	27.8	7.57	6.2	.3	12	2.0
FEB										
01...	3.3	.2	74	24	19.5	6.18	4.4	.2	11	1.5
MAR										
13...	3.8	3.2	50	13	13.4	3.91	3.1	.2	11	1.6
20...	4.5	5.3	36	8	9.47	2.91	1.9	.1	10	1.5
APR										
04...	4.6	5.6	31	8	8.34	2.35	1.4	.1	9	1.5
18...	2.2	.3	85	17	23.0	6.82	3.7	.2	8	1.4
MAY										
25...	2.5	.4	110	14	28.9	9.66	5.1	.2	9	1.8
JUN										
14...	1.6	1.1	130	6	31.9	11.5	5.5	.2	9	1.9
JUL										
18...	1.8	.5	130	3	31.5	12.2	5.6	.2	9	1.7
AUG										
14...	2.5	.7	99	0	25.0	8.85	4.5	.2	9	1.7
SEP										
12...	1.6	.5	130	6	33.1	12.6	6.6	.2	10	1.9

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT										
12...	3.5	12.8	.1	4.5	10	E1	89	86	255	.12
25...	5.7	17.9	<.1	5.5	10	16	147	139	90.5	.20
NOV										
15...	4.0	19.0	<.1	4.9	30	22	141	134	95.2	.19
DEC										
09...	7.9	22.3	<.1	4.6	30	12	160	159	115	.22
JAN										
06...	6.4	20.9	<.1	5.2	20	8	134	126	351	.18
FEB										
01...	4.4	16.3	.1	6.6	40	13	103	92	389	.14
MAR										
13...	2.5	12.4	<.1	6.4	40	E1	82	67	1030	.11
20...	2.1	9.0	<.1	4.9	60	15	63	50	2640	.09
APR										
04...	1.5	7.0	<.1	4.5	60	46	47	41	4580	.06
18...	3.7	16.6	<.1	6.2	20	11	114	104	412	.16
MAY										
25...	5.0	17.6	<.1	6.0	30	3	139	134	123	.19
JUN										
14...	5.3	16.8	<.1	3.0	E10	<2	152	148	92.3	.21
JUL										
18...	5.2	15.4	<.1	4.7	<10	<2	155	152	82.4	.21
AUG										
14...	4.0	12.7	<.1	5.4	<10	<2	126	122	102	.17
SEP										
12...	6.0	17.0	<.1	6.4	E10	5	161	161	76.1	.22

DATE	TIME	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	LEAD, DISSOLVED (UG/L AS PB) (01049)
NOV									
15...	1130	<2.0	33	<1	<1.0	<.8	<1	<1	<1

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV								
15...	1	<1	<1	1	<1	3	<2.4	<1

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
OCT											
12...	<.007	<.002	1.14	E.010	<.004	<.003	<.002	<.006	.025	<.004	<.001
25...	<.007	<.002	.162	E.004	<.004	<.003	<.002	<.007	<.004	<.004	<.001
NOV											
15...	<.007	<.002	.829	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001
DEC											
09...	<.007	<.002	.159	E.008	<.004	<.003	<.002	E.002	<.004	<.004	<.001
JAN											
06...	<.007	<.002	.292	E.006	<.004	<.003	<.002	E.003	E.003	<.004	<.001
FEB											
01...	<.007	<.002	.667	E.004	<.004	<.003	<.002	<.006	.008	<.004	<.001
MAR											
13...	<.007	<.002	.304	<.018	<.004	<.003	<.002	<.006	.008	<.004	<.001
20...	<.007	<.002	.280	<.018	<.004	<.003	<.002	<.006	.015	<.004	<.001
APR											
04...	<.007	<.002	.098	E.004	<.004	<.003	<.002	<.006	.013	<.004	<.001
18...	<.007	<.002	.032	E.011	<.004	<.003	<.002	<.006	.006	<.004	<.001
MAY											
25...	<.007	<.002	.059	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUN											
14...	<.007	<.002	.022	E.005	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUL											
18...	<.007	<.002	.015	E.006	<.004	<.003	<.002	<.006	<.004	<.004	<.001
AUG											
14...	<.007	<.002	.011	E.006	<.004	<.003	<.002	<.006	<.004	<.004	<.001
SEP											
12...	<.007	<.002	.012	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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)	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)
OCT											
12...	.007	<.005	<.004	.051	<.002	<.002	<.004	<.003	.005	<.004	<.002
25...	<.002	<.005	<.004	.005	<.002	<.002	<.004	<.003	E.001	<.004	<.002
NOV											
15...	<.002	<.005	<.004	.017	<.002	<.002	<.004	<.003	<.002	<.004	<.002
DEC											
09...	<.002	<.005	<.004	E.003	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JAN											
06...	.007	<.005	<.004	E.003	<.002	<.002	<.004	<.003	<.002	<.004	<.002
FEB											
01...	<.002	<.005	<.004	E.004	<.002	<.002	<.004	<.003	<.002	<.004	<.002
MAR											
13...	<.002	<.005	<.004	.014	<.002	<.002	<.004	<.003	<.002	<.004	<.002
20...	.007	<.005	<.004	.020	<.002	<.002	<.004	<.003	E.001	<.004	<.002
APR											
04...	E.004	<.005	<.004	.041	<.002	<.002	<.004	<.003	<.002	<.004	<.002
18...	<.005	<.005	<.004	.010	<.002	<.002	<.004	<.003	<.002	<.004	<.002
MAY											
25...	<.002	<.005	<.004	.004	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUN											
14...	.004	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUL											
18...	<.002	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
AUG											
14...	<.002	<.005	<.004	.012	<.002	<.002	<.004	<.003	<.002	<.004	<.002
SEP											
12...	<.002	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	PEB-EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	MOL-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	ETHO-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	BEN-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	CARBO-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	TER-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	PRON-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
OCT											
12...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
25...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NOV											
15...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
DEC											
09...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JAN											
06...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
FEB											
01...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	.033
MAR											
13...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	.005
20...	<.007	<.002	<.006	<.002	<.004	E.003	<.003	<.002	<.003	<.013	.007
APR											
04...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	.004
18...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	.011
MAY											
25...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	.010
JUN											
14...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUL											
18...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
AUG											
14...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
SEP											
12...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003

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)
OCT											
12...	<.017	<.001	<.004	E.020	<.002	<.002	.010	<.003	<.013	<.001	<.005
25...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
NOV											
15...	<.017	<.001	<.004	E.002	<.002	<.002	<.004	<.003	<.013	<.001	<.005
DEC											
09...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	--	<.001	<.005
JAN											
06...	<.017	<.001	<.004	E.005	<.002	<.002	<.004	<.003	--	<.001	<.005
FEB											
01...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAR											
13...	<.017	<.001	<.004	E.006	<.002	<.002	<.004	<.003	<.013	<.001	<.005
20...	<.017	<.001	<.004	E.007	<.002	<.002	.019	<.003	<.020	<.001	<.005
APR											
04...	<.017	<.001	<.004	E.028	<.002	<.002	.025	<.003	<.013	<.001	<.005
18...	<.017	<.001	<.004	<.003	<.002	<.002	<.008	<.003	<.013	<.001	<.005
MAY											
25...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	--	<.001	<.005
JUN											
14...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUL											
18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
AUG											
14...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
SEP											
12...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

MOBILE RIVER BASIN

02424000 CAHABA RIVER AT CENTREVILLE, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
12...	1200	1060	39	112	96
25...	1130	228	3	1.8	88
NOV					
15...	1130	250	7	4.7	95
DEC					
09...	1045	267	3	2.2	91
JAN					
06...	1115	970	75	196	30
FEB					
01...	1045	1400	12	45	90
MAR					
13...	0830	4640	134	1680	64
20...	1245	15500	280	11700	62
APR					
04...	1300	36100	348	33900	82
18...	1130	1340	6	22	90
MAY					
25...	1115	328	11	9.7	94
JUN					
14...	0850	225	12	7.3	85
JUL					
18...	0900	197	10	5.3	95
AUG					
14...	1135	300	17	14	92
SEP					
12...	1455	175	10	4.7	82

MOBILE RIVER BASIN

02424590 CAHABA RIVER NEAR SUTTLE, AL

LOCATION.--Lat 32°31'45", long 87°11'56", in NW$^1/_4$ 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 Marion, and 31.0 mi upstream from mouth.
DRAINAGE AREA.--1,480 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	546	526	512	649	2020	1560	2270	1060	526	520	487	278
2	560	936	503	637	1690	1290	2050	992	499	515	840	273
3	560	1750	503	628	1500	1150	6770	942	487	448	988	270
4	670	1630	503	699	1350	1120	13600	902	482	407	1070	267
5	677	1100	513	1660	1240	1160	20100	882	497	384	1010	265
6	879	843	531	1960	1130	1420	26900	841	568	370	692	264
7	837	720	543	1340	1050	1150	27000	820	598	358	539	274
8	629	650	542	1080	988	1010	20300	804	600	351	447	275
9	585	605	569	1060	948	947	10800	762	558	345	409	279
10	863	577	578	2250	905	869	4280	729	491	335	379	282
11	1170	566	607	4980	866	1540	3120	712	460	330	384	278
12	2830	550	708	4250	848	7090	2590	695	442	325	504	275
13	1610	534	960	2310	825	9050	2650	693	428	332	490	275
14	1030	528	2080	1770	817	5050	2920	666	417	335	393	293
15	807	522	2610	1520	820	2900	2430	634	426	328	365	299
16	703	518	1540	1300	1030	2240	2390	607	465	320	358	293
17	636	515	1140	1160	958	1950	2180	583	592	313	325	271
18	588	503	946	1090	869	1750	1950	571	668	308	306	260
19	553	494	904	1100	863	2660	1780	561	813	304	297	256
20	533	511	941	1150	855	9950	1660	551	659	310	288	254
21	520	572	1110	1120	903	13500	1560	816	639	313	280	255
22	511	664	1170	1120	827	15700	1500	1080	572	305	274	255
23	498	794	1290	1110	770	10800	1440	973	567	445	267	262
24	498	692	1190	1260	737	4340	1380	811	486	493	265	275
25	496	607	1010	2350	716	3160	1330	678	446	378	265	269
26	482	570	900	1840	705	2640	1310	618	423	330	265	281
27	477	548	820	1470	790	2420	1250	624	460	317	269	299
28	476	535	763	1330	1210	2420	1160	649	462	330	274	281
29	477	522	731	1560	2060	2290	1100	644	488	332	314	285
30	476	518	694	2030	---	2020	1080	592	491	355	310	275
31	475	---	666	2570	---	1890	---	544	---	372	287	---
TOTAL	22652	20600	28077	50353	30290	117036	170850	23036	15710	11208	13641	8218
MEAN	731	687	906	1624	1044	3775	5695	743	524	362	440	274
MAX	2830	1750	2610	4980	2060	15700	27000	1080	813	520	1070	299
MIN	475	494	503	628	705	869	1080	544	417	304	265	254
CFSM	.49	.46	.61	1.10	.71	2.55	3.85	.50	.35	.24	.30	.19
IN.	.57	.52	.71	1.27	.76	2.94	4.29	.58	.39	.28	.34	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2000, BY WATER YEAR (WY)

MEAN	857	1452	1982	4130	4836	4894	2975	1660	1447	1481	731	782
MAX	2736	3648	4254	8699	13980	7341	5695	6464	3624	5783	1017	1822
(WY)	1996	1993	1993	1998	1990	1990	2000	1991	1997	1989	1992	1992
MIN	313	521	700	1624	1044	1216	1389	594	327	362	354	274
(WY)	1988	1988	1988	2000	2000	1988	1988	1988	1988	2000	1988	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1987 - 2000	
ANNUAL TOTAL	671003		511671			
ANNUAL MEAN	1838		1398		2258	
HIGHEST ANNUAL MEAN					3421	1990
LOWEST ANNUAL MEAN					968	1988
HIGHEST DAILY MEAN	22500	Feb 2	27000	Apr 7	64100	Feb 18 1990
LOWEST DAILY MEAN	382	Aug 23	254	Sep 20	254	Sep 20 2000
ANNUAL SEVEN-DAY MINIMUM	397	Sep 17	259	Sep 17	259	Sep 17 2000
INSTANTANEOUS PEAK FLOW			29900	Apr 6	67900	Feb 18 1990
INSTANTANEOUS PEAK STAGE			36.50	Apr 6	41.09	Feb 18 1990
ANNUAL RUNOFF (CFSM)	1.24		.94		1.53	
ANNUAL RUNOFF (INCHES)	16.87		12.86		20.73	
10 PERCENT EXCEEDS	3660		2280		4730	
50 PERCENT EXCEEDS	962		665		1170	
90 PERCENT EXCEEDS	442		292		463	

MOBILE RIVER BASIN

02425000 CAHABA RIVER NEAR MARION JUNCTION, AL

LOCATION.--Lat 32°26'38", long 87°10'49", in SE$^1/_4$SW$^1/_4$ 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 mi^2.

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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	559	632	581	786	2770	2060	2870	1200	649	596	539	311
2	558	1200	570	774	2230	1640	2730	1110	613	621	873	305
3	586	2090	568	762	1940	1430	6710	1050	594	539	1160	301
4	653	2220	568	836	1750	1440	14400	1000	594	482	1160	296
5	796	1430	584	1810	1580	1420	19700	978	606	447	1300	292
6	902	1040	622	2550	1440	1820	26000	939	714	432	849	294
7	992	825	639	1800	1330	1460	30400	906	780	413	673	307
8	705	734	644	1370	1240	1270	26700	896	785	401	544	308
9	636	677	658	1420	1190	1170	17000	852	751	393	488	311
10	1460	640	677	3800	1140	1080	6190	811	654	385	447	315
11	1310	623	696	5720	1090	1510	4050	793	602	374	446	312
12	3260	603	796	5910	1070	7050	3430	772	582	368	551	307
13	2250	587	1140	3540	1040	10300	3310	765	569	365	619	304
14	1330	578	2150	2490	1050	7170	3840	738	546	382	495	325
15	1010	575	3480	2080	1030	3850	3220	699	555	365	428	326
16	871	569	2140	1800	1220	2980	3090	668	585	357	425	330
17	786	568	1490	1580	1200	2610	2850	642	778	348	383	303
18	722	559	1200	1440	1090	2350	2520	625	836	340	352	287
19	672	551	1150	1440	1070	3080	2240	615	991	336	340	281
20	626	576	1180	1550	1090	10500	2050	602	832	335	328	280
21	592	659	1460	1510	1120	14500	1890	802	775	345	315	282
22	573	766	1570	1490	1040	17000	1770	1250	685	336	307	285
23	561	909	1670	1510	958	14600	1700	1240	695	417	299	289
24	545	828	1560	1610	910	6230	1620	1040	601	607	294	305
25	546	714	1300	2860	883	4100	1570	847	542	455	293	305
26	532	660	1170	2440	861	3440	1540	747	503	378	292	304
27	526	632	1070	1890	1080	3150	1460	742	523	357	296	337
28	524	616	955	1890	1390	3080	1330	774	547	368	303	320
29	523	598	888	2350	2600	3110	1240	820	572	361	333	319
30	522	588	843	2550	---	2720	1200	754	573	401	356	314
31	523	---	808	3370	---	2560	---	680	---	412	323	---
TOTAL	26651	24247	34827	66928	38402	140680	198620	26357	19632	12716	15811	9155
MEAN	860	808	1123	2159	1324	4538	6621	850	654	410	510	305
MAX	3260	2220	3480	5910	2770	17000	30400	1250	991	621	1300	337
MIN	522	551	568	762	861	1080	1200	602	503	335	292	280
CFSM	.49	.46	.64	1.22	.75	2.57	3.75	.48	.37	.23	.29	.17
IN.	.56	.51	.73	1.41	.81	2.96	4.18	.56	.41	.27	.33	.19

MOBILE RIVER BASIN

02425000 CAHABA RIVER NEAR MARION JUNCTION, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

MEAN	894	1357	2758	4706	5286	6254	5002	2523	1581	1467	1273	908
MAX	3394	5006	10360	12890	15960	14970	17100	7528	4407	6355	14280	2455
(WY)	1996	1949	1984	1972	1990	1980	1979	1991	1997	1940	1939	1974
MIN	341	484	530	816	1324	1363	645	690	348	410	279	230
(WY)	1988	1982	1939	1981	2000	1988	1986	1988	1988	2000	1954	1954

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	820775		614026			
ANNUAL MEAN	2249		1678		2823	
HIGHEST ANNUAL MEAN					4489	1983
LOWEST ANNUAL MEAN					932	1986
HIGHEST DAILY MEAN	25800	Feb 3	30400	Apr 7	77800	Aug 17 1939
LOWEST DAILY MEAN	419	Sep 19	280	Sep 20	224	Sep 16 1954
ANNUAL SEVEN-DAY MINIMUM	422	Sep 19	287	Sep 17	227	Sep 12 1954
INSTANTANEOUS PEAK FLOW			31000	Apr 7	83400	Aug 16 1939
INSTANTANEOUS PEAK STAGE			35.25	Apr 7	42.95	Aug 16 1939
ANNUAL RUNOFF (CFSM)	1.27		.95		1.60	
ANNUAL RUNOFF (INCHES)	17.29		12.93		21.72	
10 PERCENT EXCEEDS	4480		3010		6440	
50 PERCENT EXCEEDS	1230		786		1420	
90 PERCENT EXCEEDS	532		326		512	

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

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
06...	1230	25.0	26000	237	16600
06...	1235	50.0	26000	382	26800
06...	1240	75.0	26000	437	30700
12...	1020	25.0	3540	78	746
12...	1030	50.0	3540	126	1200
12...	1035	75.0	3540	73	698

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 mi^2.
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.--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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	71	56	87	281	204	188	75	19	25	23	11
2	40	203	56	85	224	167	166	62	18	21	27	15
3	37	181	58	82	192	143	227	48	18	17	36	35
4	39	101	60	138	174	445	780	46	17	15	36	26
5	45	78	60	127	157	282	463	43	20	15	27	18
6	56	68	82	114	142	187	240	41	21	14	24	16
7	49	63	120	96	135	150	181	39	19	14	19	17
8	42	59	92	88	131	131	151	38	18	13	17	25
9	45	57	79	89	128	121	128	36	17	13	16	26
10	174	56	76	814	122	115	115	35	16	22	15	22
11	662	55	79	915	119	132	109	33	15	19	14	20
12	238	54	75	245	116	186	101	32	15	16	16	18
13	138	54	132	162	119	170	98	31	14	15	18	17
14	106	54	245	138	320	130	603	29	14	15	15	18
15	80	55	152	124	211	116	416	28	14	16	13	23
16	65	54	106	121	154	112	214	27	17	15	12	22
17	57	54	89	117	134	130	154	26	19	13	11	18
18	52	53	87	113	127	125	122	25	32	12	11	16
19	48	56	367	110	124	541	102	25	35	11	10	16
20	46	64	463	116	116	1940	90	24	28	11	10	15
21	45	83	380	109	107	654	82	25	23	11	11	15
22	45	94	517	98	101	316	77	24	21	11	11	15
23	44	79	251	242	98	225	70	24	19	10	10	17
24	42	72	168	677	96	186	71	23	17	10	10	18
25	41	66	137	460	95	161	80	22	16	11	9.8	18
26	41	64	120	262	92	170	75	21	16	11	9.5	17
27	41	61	110	191	575	325	67	20	33	10	9.8	16
28	41	60	103	284	622	354	63	23	31	11	11	16
29	41	59	97	1050	293	219	58	21	24	16	10	15
30	40	58	92	571	---	180	64	23	23	14	11	14
31	40	---	89	381	---	239	---	20	---	19	11	---
TOTAL	2529	2186	4598	8206	5305	8556	5355	989	609	446	484.1	555
MEAN	81.6	72.9	148	265	183	276	178	31.9	20.3	14.4	15.6	18.5
MAX	662	203	517	1050	622	1940	780	75	35	25	36	35
MIN	37	53	56	82	92	112	58	20	14	10	9.5	11
CFSM	.31	.28	.57	1.01	.70	1.06	.68	.12	.08	.06	.06	.07
IN.	.36	.31	.66	1.17	.76	1.22	.76	.14	.09	.06	.07	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2000, BY WATER YEAR (WY)

MEAN	141	318	455	739	795	808	337	253	196	156	91.7	178
MAX	504	1328	1144	1371	1566	1632	667	1200	442	439	255	1176
(WY)	1996	1993	1993	1998	1990	1990	1993	1991	1997	1994	1992	1998
MIN	31.2	40.2	54.7	234	183	276	139	31.9	20.3	14.4	15.6	18.5
(WY)	1991	1991	1991	1991	2000	2000	1992	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1990 - 2000	
ANNUAL TOTAL	85830		39818.1			
ANNUAL MEAN	235		109		370	
HIGHEST ANNUAL MEAN					543	1998
LOWEST ANNUAL MEAN					109	2000
HIGHEST DAILY MEAN	6730	Mar 15	1940	Mar 20	19700	Sep 30 1998
LOWEST DAILY MEAN	25	Sep 17	9.5	Aug 26	9.5	Aug 26 2000
ANNUAL SEVEN-DAY MINIMUM	26	Sep 13	10	Aug 23	10	Aug 23 2000
INSTANTANEOUS PEAK FLOW			2740	Mar 20	28600	Sep 30 1998
INSTANTANEOUS PEAK STAGE			13.65	Mar 20	24.73	Sep 30 1998
ANNUAL RUNOFF (CFSM)	.90		.42		1.42	
ANNUAL RUNOFF (INCHES)	12.23		5.68		19.28	
10 PERCENT EXCEEDS	411		239		727	
50 PERCENT EXCEEDS	89		56		122	
90 PERCENT EXCEEDS	35		14		36	

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 NE$^1/_4$SE$^1/_4$ 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 mi^2.
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: Apr. 5-12. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5450	6090	12400	8450	27600	21600	19600	10100	7250	5640	5510	6120
2	5560	7540	11200	7910	23500	15000	21600	8480	6910	5420	4920	5870
3	5340	8400	9360	9410	12400	14300	36800	8830	7060	5800	5630	6030
4	5590	12800	8420	8720	18200	7940	68800	9370	7300	5390	5720	5110
5	6390	11500	7870	7490	12000	9340	e80900	9360	7150	5500	5860	5500
6	7640	8920	7530	9600	11500	8360	e100000	9370	7110	5450	5830	5310
7	6170	7990	7370	13700	13000	11600	e111000	9460	6920	5960	5720	5540
8	6930	7610	7640	9930	14800	15000	e116000	9060	7600	5870	5770	5320
9	8900	7100	14900	8130	13500	10600	e116000	10600	7120	5680	5840	5420
10	9150	7730	12000	14300	11100	8760	e110000	12200	7020	5750	5870	5620
11	23300	7490	8800	40200	8540	11700	e93700	9790	7110	5720	6050	5700
12	16300	8100	6900	44500	7180	26200	e61800	8240	6300	5770	5880	5970
13	14000	7320	7680	23000	6930	24100	56800	7500	5860	5870	6130	5630
14	12800	6920	15700	17000	9370	26800	44500	7000	5400	5980	6050	5600
15	8900	7190	14000	20100	10500	29500	30000	8780	5870	5950	5940	5680
16	6310	7820	14900	12400	16100	29300	22700	8070	5990	6030	6070	6110
17	6090	7340	16300	8610	18900	29500	19800	7810	6010	6080	6180	6270
18	7270	6760	13100	9570	20700	27500	19600	6620	5800	6020	6030	6070
19	6580	8500	9820	13000	14000	17700	28400	6880	5540	6160	5970	6120
20	6890	7240	10000	12700	9670	46500	13200	6930	6000	6150	5870	6160
21	6870	7420	7210	12200	8600	91100	9910	7020	5610	5910	6050	6090
22	6970	7620	10500	9900	9300	95600	9020	7700	6040	5910	5990	6020
23	6540	7380	21700	11900	16300	92800	8860	8440	6220	6040	5880	6060
24	6030	7230	16200	27300	12600	80800	12400	7940	5770	6130	5890	5950
25	6780	8750	12000	29700	8890	48500	19900	8180	6470	6140	5950	6140
26	6160	8530	11000	29400	6950	29800	13400	9880	5390	5870	6160	6080
27	6270	8020	10300	28200	7740	23800	10300	10500	5860	5930	6200	6420
28	7120	7010	10200	19100	13300	17500	8180	9450	5620	5960	6060	6340
29	14200	7500	9670	26800	22900	17100	8530	8640	5600	5840	6170	6540
30	6100	7240	8920	27500	---	18300	9330	9060	5470	5770	6290	6330
31	6090	---	9280	25700	---	19400	---	8300	---	5950	6130	---
TOTAL	254690	237060	342870	546420	386070	926000	1281030	269560	189370	181640	183610	177120
MEAN	8216	7902	11060	17630	13310	29870	42700	8695	6312	5859	5923	5904
MAX	23300	12800	21700	44500	27600	95600	116000	12200	7600	6160	6290	6540
MIN	5340	6090	6900	7490	6930	7940	8180	6620	5390	5390	4920	5110
CFSM	.38	.37	.52	.82	.62	1.39	1.99	.40	.29	.27	.28	.27
IN.	.44	.41	.59	.95	.67	1.60	2.22	.47	.33	.31	.32	.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2000, BY WATER YEAR (WY)

MEAN	16660	23410	35530	50240	58890	67970	52770	29180	19570	17130	12800	11200
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1976 - 2000	
ANNUAL TOTAL	7650880		4975440			
ANNUAL MEAN	20960		13590		32820	
HIGHEST ANNUAL MEAN					48670	1990
LOWEST ANNUAL MEAN					13590	2000
HIGHEST DAILY MEAN	139000	Feb 5	116000	Apr 8	255000	Mar 25 1990
LOWEST DAILY MEAN	5260	Sep 30	4920	Aug 2	3890	Sep 21 1986
ANNUAL SEVEN-DAY MINIMUM	5620	Sep 28	5400	Sep 4	4190	Sep 16 1986
INSTANTANEOUS PEAK FLOW			118000	Apr 9	255000	Mar 25 1990
INSTANTANEOUS PEAK STAGE			43.18	Apr 9	57.59	Mar 25 1990
ANNUAL RUNOFF (CFSM)	.98		.63		1.53	
ANNUAL RUNOFF (INCHES)	13.25		8.62		20.77	
10 PERCENT EXCEEDS	47000		25800		86000	
50 PERCENT EXCEEDS	12000		7820		17700	
90 PERCENT EXCEEDS	6590		5770		7280	

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 NE$^1/_4$SE$^1/_4$ 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 mi^2.
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, 42.48 ft, Apr. 9; minimum, 4.98 ft, Aug. 2.

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	6.22	6.91	10.27	9.22	19.49	16.56	15.80	9.90	7.72	6.28	6.04	5.97
2	6.19	7.87	10.69	8.78	18.62	14.23	16.74	9.28	7.36	6.11	5.64	6.12
3	6.18	8.36	10.03	9.47	13.94	13.75	20.50	9.13	7.45	6.27	6.05	6.80
4	6.28	10.50	9.18	9.49	14.36	10.82	29.73	9.51	7.30	6.12	6.08	6.30
5	6.73	11.38	8.60	8.72	13.29	10.28	36.36	9.46	7.26	6.07	6.04	6.21
6	7.31	9.69	8.42	9.40	11.87	9.59	39.20	9.62	7.27	6.03	6.02	6.04
7	6.80	8.68	8.11	11.54	12.04	10.52	40.88	9.63	7.00	6.04	6.04	6.02
8	7.06	8.27	8.14	10.98	13.04	12.39	41.95	9.37	7.25	6.05	6.02	6.02
9	8.49	7.82	11.37	9.41	12.90	11.57	42.42	9.96	7.35	6.04	6.02	6.03
10	9.03	8.02	12.09	11.04	11.71	9.98	41.88	10.93	7.37	6.07	6.00	6.00
11	15.17	7.99	9.78	20.53	10.08	10.53	39.40	10.38	7.35	6.01	6.09	6.00
12	15.16	8.09	8.30	24.36	8.83	16.85	34.72	9.28	6.94	6.04	6.01	6.13
13	12.85	7.85	8.47	19.78	8.30	17.95	31.45	8.39	6.21	6.08	6.00	6.12
14	12.38	7.58	11.48	16.17	9.28	18.40	28.32	7.99	6.03	6.08	6.01	6.04
15	10.15	7.57	12.91	15.95	10.31	19.86	24.08	8.55	6.11	6.06	5.99	6.00
16	8.16	7.97	12.68	13.77	12.80	20.15	21.20	8.47	6.18	6.07	5.99	5.99
17	7.20	7.95	13.37	10.69	14.79	20.22	18.98	8.15	6.28	6.06	6.05	5.96
18	7.39	7.46	12.77	10.15	15.63	19.70	18.32	7.60	6.26	6.00	6.13	5.99
19	7.20	8.20	11.28	11.45	14.55	16.51	20.19	7.55	6.25	6.01	6.06	5.97
20	7.21	8.18	10.43	11.77	11.45	22.83	16.64	7.44	6.37	6.02	6.01	6.00
21	7.20	8.04	9.11	11.86	10.00	31.78	13.22	7.50	6.33	6.05	6.03	6.00
22	7.36	8.18	9.99	10.78	9.74	33.83	11.90	7.80	6.40	6.04	6.01	5.98
23	7.39	8.06	14.61	10.77	12.45	32.84	10.76	8.25	6.43	6.02	6.02	6.04
24	6.69	7.76	14.83	16.92	12.75	31.88	11.57	8.16	6.42	6.00	6.01	5.97
25	7.15	8.64	12.55	19.78	10.45	28.29	14.90	8.36	6.49	6.02	5.96	5.96
26	7.02	8.87	11.56	20.05	8.75	23.17	13.74	9.17	6.42	5.97	6.00	5.98
27	6.95	8.63	10.75	19.77	8.78	20.11	11.37	9.57	6.58	6.03	6.03	5.99
28	7.34	7.99	10.44	17.20	10.72	17.17	9.89	9.26	6.46	5.97	5.99	5.99
29	11.58	8.01	10.11	17.99	16.08	15.83	9.31	8.74	6.37	6.03	5.95	6.03
30	8.28	7.88	9.57	19.64	---	15.44	9.27	8.83	6.33	5.97	5.92	5.99
31	7.19	---	9.61	18.89	---	15.93	---	8.32	---	6.03	5.97	---
MEAN	8.30	8.28	10.69	14.07	12.31	18.35	23.16	8.86	6.72	6.05	6.01	6.05
MAX	15.17	11.38	14.83	24.36	19.49	33.83	42.42	10.93	7.72	6.28	6.13	6.80
MIN	6.18	6.91	8.11	8.72	8.30	9.59	9.27	7.44	6.03	5.97	5.64	5.96

CAL YR 1999	MEAN 14.83	MAX 46.61	MIN 6.18
WTR YR 2000	MEAN 10.73	MAX 42.42	MIN 5.64

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 mi^2.
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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
OCT											
19...	1000	24.2	25.0	767	7110	192	189	8.2	97	7.8	7.7
NOV											
08...	1400	19.2	26.0	769	10200	187	184	10.7	115	7.7	7.6
DEC											
16...	1430	14.7	17.0	770	16100	187	191	10.6	103	7.8	7.8
JAN											
19...	1245	13.3	16.5	765	15900	190	186	11.3	108	7.8	7.7
FEB											
16...	1330	11.8	23.5	770	17600	180	181	12.7	116	7.3	7.0
MAR											
16...	1000	17.2	22.0	762	30400	188	194	10.1	105	7.1	8.0
APR											
10...	1410	17.6	24.5	771	113000	123	126	8.5	88	6.5	7.5
MAY											
01...	1345	21.5	29.0	771	12000	147	153	10.7	120	7.2	7.8
JUN											
06...	0855	28.1	23.0	768	6970	171	170	6.4	81	7.8	7.3
JUL											
11...	1430	31.6	37.0	765	6450	212	197	7.8	106	7.4	7.7
AUG											
08...	1045	30.5	--	--	6290	236	237	8.4	--	7.9	7.9
SEP											
19...	1400	28.2	30.0	766	6270	229	221	8.6	110	7.7	7.7

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 1999 TO SEPTEMBER 2000

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)
OCT											
19...	0	63	52	--	--	.47	.45	--	--	<.020	<.010
NOV											
08...	0	60	49	--	--	.50	.40	--	--	<.020	<.010
DEC											
16...	0	69	57	--	--	.57	.37	.40	.19	.032	<.010
JAN											
19...	0	66	54	K10	K26	.58	.39	.35	.16	.031	<.010
FEB											
16...	0	62	51	--	--	.57	.31	--	--	<.020	<.010
MAR											
16...	0	65	54	--	--	.60	.31	--	--	<.020	<.010
APR											
10...	0	46	37	24	30	.67	.50	.43	.25	.046	<.010
MAY											
01...	0	55	45	K2	K2	.51	.29	--	--	<.020	<.010
JUN											
06...	0	62	51	--	--	.54	.37	.37	.20	.060	<.010
JUL											
11...	0	78	64	--	--	.56	.40	.41	.26	.079	.014
AUG											
08...	0	85	70	--	--	--	--	--	--	<.020	.012
SEP											
19...	0	72	62	--	K3	--	--	--	--	<.020	<.010

DATE	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
OCT											
19...	--	.33	.35	.120	--	--	--	.107	.080	.048	.035
NOV											
08...	--	.22	.32	.176	--	--	--	.074	.078	.037	.024
DEC											
16...	--	.23	.43	.147	.04	--	--	.061	.059	.021	.020
JAN											
19...	--	.19	.38	.199	.04	--	--	.074	.074	.031	.024
FEB											
16...	--	.17	.43	.140	--	--	--	.052	.076	.024	.017
MAR											
16...	--	.18	.47	.128	--	--	--	.046	.072	.020	.015
APR											
10...	--	.30	.47	.199	.06	--	--	.034	.116	.018	.011
MAY											
01...	--	.20	.42	.091	--	--	--	--	.063	.015	<.010
JUN											
06...	--	.26	.43	.109	.08	--	--	.067	.084	.037	.022
JUL											
11...	.050	.34	.49	.064	.10	.221	.046	.077	.071	E.046	.025
AUG											
08...	--	.24	.55	<.050	--	--	.039	.077	.101	.049	.025
SEP											
19...	--	.18	.28	<.050	--	--	--	.098	.074	.046	.032

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 1999 TO SEPTEMBER 2000

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)	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										
19...	3.6	.5	50	--	14.0	3.55	16.7	1	41	2.3
NOV										
08...	3.3	.5	48	--	13.6	3.31	17.9	1	44	2.2
DEC										
16...	3.8	.4	49	--	13.6	3.59	17.3	1	42	2.0
JAN										
19...	4.9	.4	50	--	14.8	3.25	16.3	1	40	2.2
FEB										
16...	5.0	.4	51	--	14.8	3.32	14.5	.9	37	2.2
MAR										
16...	4.5	1.3	55	1	15.5	3.87	15.4	.9	37	2.2
APR										
10...	4.3	.7	42	4	12.1	2.88	6.5	.4	24	1.7
MAY										
01...	4.6	.6	47	2	13.7	3.02	10.7	.7	32	1.7
JUN										
06...	4.0	.8	47	--	13.6	3.08	14.3	.9	39	1.9
JUL										
11...	5.2	1.1	55	--	16.0	3.53	18.0	1	41	2.2
AUG										
08...	4.0	.8	52	--	15.2	3.36	25.9	2	50	2.9
SEP										
19...	3.9	.5	53	--	15.4	3.58	23.6	1	48	2.6

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										
19...	11.4	16.8	<.1	6.4	E10	8	110	103	2110	.15
NOV										
08...	9.6	16.4	.1	6.3	10	18	117	100	3220	.16
DEC										
16...	9.8	15.7	<.1	5.6	E10	5	112	102	4870	.15
JAN										
19...	9.2	16.7	<.1	4.9	30	4	118	101	5070	.16
FEB										
16...	8.5	17.1	<.1	4.8	40	7	114	96	5420	.16
MAR										
16...	9.5	17.5	<.1	3.1	20	E1	110	100	9030	.15
APR										
10...	4.2	9.4	<.1	5.0	40	2	78	65	23800	.11
MAY										
01...	6.9	12.0	<.1	3.4	60	3	89	79	2880	.12
JUN										
06...	8.0	14.6	<.1	3.4	20	6	97	90	1830	.13
JUL										
11...	8.4	16.9	<.1	5.7	E10	8	121	110	2110	.16
AUG										
08...	10.9	24.1	<.1	4.7	E10	17	144	129	2450	.20
SEP										
19...	12.0	24.6	<.1	4.2	10	9	130	121	2200	.18

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 1999 TO SEPTEMBER 2000

DATE	TIME	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
NOV									
08...	1400	<2.0	29	<1	<1.0	<.8	<1	<1	<1

DATE	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
NOV								
08...	1	<1	<1	1	<1	12	<2.4	<1

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
NOV											
08...	<.007	<.002	.045	<.018	<.009	<.003	<.002	<.006	<.004	<.004	<.001
APR											
10...	<.007	<.002	.061	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001
MAY											
01...	<.007	<.002	.060	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUN											
06...	<.007	<.002	.046	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUL											
11...	<.007	<.002	.045	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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)	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)
NOV											
08...	.007	.014	<.004	.009	<.002	<.002	<.004	<.003	.014	<.004	<.002
APR											
10...	.012	<.005	<.004	.010	<.002	<.002	<.004	<.003	<.002	<.004	<.002
MAY											
01...	.009	<.005	<.004	.007	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUN											
06...	.009	<.005	<.004	E.004	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUL											
11...	.007	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002

MOBILE RIVER BASIN

02429500 ALABAMA RIVER AT CLAIBORNE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	PEB-EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	MOL-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	ETHO-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	BEN-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	CARBO-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	TER-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	PRON-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
NOV											
08...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
APR											
10...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.010
MAY											
01...	<.007	<.002	<.006	<.030	<.004	<.004	<.003	<.002	<.010	<.013	<.003
JUN											
06...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.006
JUL											
11...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003

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)	PENDI-DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	NAPROP-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PRO-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	METHYL PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PER-AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
NOV											
08...	<.017	<.010	<.004	<.003	<.002	<.002	<.010	<.003	<.013	<.001	<.005
APR											
10...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.200	<.001	<.005
MAY											
01...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUN											
06...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUL											
11...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.050	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
19...	1000	7110	2	38	86
NOV					
08...	1400	10200	9	248	97
DEC					
16...	1430	16100	12	522	96
JAN					
19...	1245	15900	12	515	91
FEB					
16...	1330	17600	12	570	80
MAR					
16...	1000	30400	24	1970	73
APR					
10...	1410	113000	93	28400	73
MAY					
01...	1345	12000	13	421	75
JUL					
11...	1430	6450	79	1370	79
AUG					
08...	1045	6290	12	204	77
SEP					
19...	1400	6270	9	152	86

02429500 ALABAMA RIVER AT CLAIBORNE, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
06...	1910	25.0	104000	289	81200
06...	1920	50.0	104000	316	88700
06...	1930	75.0	104000	372	104000
12...	1625	25.0	59800	45	7270
12...	1635	50.0	59800	55	8880
12...	1645	75.0	59800	63	10200

MOBILE RIVER BASIN

02438000 BUTTAHATCHEE RIVER BELOW HAMILTON, AL

LOCATION.--Lat 34°06'22", long 87°59'22", in NE$^1/_4$ 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 mi^2.
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.
REVISED 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.--Estimated daily discharges: Dec. 10-Jan. 5, May 17-25, June 1-4, 8-13. Records good 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51	157	91	e120	388	229	246	233	e84	88	39	19
2	47	484	91	e120	321	204	5060	214	e76	70	47	19
3	45	195	92	e200	283	191	8390	204	e70	60	83	19
4	43	114	93	e400	258	196	6540	189	e65	54	54	18
5	41	87	109	e300	223	177	2120	207	99	50	63	18
6	41	77	133	217	203	160	1350	175	105	46	60	18
7	41	74	112	179	191	151	993	157	95	43	52	23
8	45	71	102	164	182	144	977	145	e84	40	47	40
9	76	69	99	477	173	148	737	137	e76	37	40	36
10	113	66	e200	564	168	238	611	134	e68	35	39	34
11	106	66	e150	339	164	1010	530	127	e62	34	33	32
12	76	66	e200	265	159	584	527	121	e58	40	32	36
13	63	67	e600	226	169	407	1210	118	e55	103	29	34
14	59	68	e400	189	313	333	1350	112	50	65	27	30
15	56	67	e250	168	251	291	944	107	71	50	25	26
16	54	66	e200	162	208	289	732	104	76	49	24	23
17	55	66	e170	239	194	350	614	e100	74	42	24	21
18	54	66	e150	308	210	296	513	e95	104	39	23	21
19	53	68	e130	250	240	608	438	e90	127	38	22	20
20	54	108	e120	221	217	1380	386	e85	120	37	21	21
21	53	120	e120	190	194	813	360	e82	98	40	21	33
22	54	103	e150	215	185	577	327	e80	289	38	20	39
23	53	89	e200	450	176	459	300	e78	221	67	20	46
24	52	104	e180	415	170	393	333	e77	116	71	20	41
25	54	143	e170	326	167	343	305	e76	82	50	19	39
26	54	158	e160	274	159	317	254	135	68	43	20	37
27	56	126	e150	233	329	386	232	106	63	38	24	33
28	58	108	e140	232	310	341	461	119	78	35	23	31
29	56	100	e140	595	254	284	332	109	161	33	21	29
30	55	96	e130	718	---	277	267	100	134	40	20	28
31	56	---	e130	497	---	267	---	92	---	42	19	---
TOTAL	1774	3249	5162	9253	6459	11843	37439	3908	2929	1517	1011	864
MEAN	57.2	108	167	298	223	382	1248	126	97.6	48.9	32.6	28.8
MAX	113	484	600	718	388	1380	8390	233	289	103	83	46
MIN	41	66	91	120	159	144	232	76	50	33	19	18
CFSM	.21	.39	.60	1.08	.80	1.38	4.51	.46	.35	.18	.12	.10
IN.	.24	.44	.69	1.24	.87	1.59	5.03	.52	.39	.20	.14	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2000, BY WATER YEAR (WY)

MEAN	122	271	838	840	1017	989	955	605	258	194	135	120
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	36.9	68.6	88.6	111	223	303	333	126	77.2	46.8	32.6	28.8
(WY)	1964	1954	1966	1956	2000	1966	1992	2000	1952	1952	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1951 - 2000	
ANNUAL TOTAL	156009		85408			
ANNUAL MEAN	427		233		522	
HIGHEST ANNUAL MEAN					1093	1991
LOWEST ANNUAL MEAN					233	2000
HIGHEST DAILY MEAN	13000	Jan 23	8390	Apr 3	23000	Dec 23 1990
LOWEST DAILY MEAN	35	Aug 31-Sep 3	18	Sep 4-6	18	Sep 4-6 2000
ANNUAL SEVEN-DAY MINIMUM	36	Aug 30	19	Aug 31	19	Aug 31 2000
INSTANTANEOUS PEAK FLOW			13300	Apr 3	49500	Mar 16 1973
INSTANTANEOUS PEAK STAGE			20.29	Apr 3	35.49	Mar 16 1973
ANNUAL RUNOFF (CFSM)	1.54		.84		1.89	
ANNUAL RUNOFF (INCHES)	20.95		11.47		25.62	
10 PERCENT EXCEEDS	981		402		1100	
50 PERCENT EXCEEDS	170		106		220	
90 PERCENT EXCEEDS	43		32		64	

e Estimated

MOBILE RIVER BASIN

02444160 TOMBIGBEE RIVER AT BEVILL LOCK AND DAM NEAR PICKENSVILLE, AL

LOCATION.--Lat 33°12'38", long 88°17'19", in NW$^1/_4$ 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 mi^2.
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.--No estimated daily discharges. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	668	3180	744	1920	3910	4110	4090	3840	870	2650	560	414
2	738	3250	755	1220	3400	3670	35900	2410	1110	779	550	467
3	765	547	1900	3070	2190	3740	85200	2680	1320	1490	585	422
4	774	826	1060	9830	4180	2560	106000	3130	2900	1670	789	396
5	751	2420	1550	4540	2330	2290	118000	2250	1400	636	852	388
6	696	1130	1260	4450	2930	2050	114000	1380	2230	645	695	345
7	674	1300	2810	4900	2270	3540	84400	2590	1160	785	687	360
8	1240	1220	597	2630	2340	1260	41000	2480	1300	735	526	447
9	2530	855	1080	4840	1480	3550	26400	945	815	765	574	517
10	2600	1380	2330	5120	2750	3430	16700	2560	882	749	645	463
11	1440	1400	2300	4860	3060	17500	11700	2350	1280	778	758	592
12	884	743	2550	4360	1450	14100	9380	658	1290	806	815	581
13	879	2210	4490	3420	2770	12300	13000	2660	1270	1360	761	659
14	1960	730	3510	2030	4500	9630	25500	805	764	703	574	713
15	753	868	4320	2910	4030	6260	16000	1410	640	748	596	673
16	827	1420	2570	2160	3080	6560	16400	1630	793	1590	554	681
17	800	731	1750	3300	3010	5530	14600	1250	1570	612	474	594
18	1510	750	2780	3620	6880	5120	9050	772	2080	662	503	541
19	744	776	2320	4570	4940	11900	7130	875	3460	582	550	498
20	753	2000	1880	4460	4510	24700	6190	2370	1940	682	617	445
21	774	1240	2560	3730	3500	16300	5470	2040	2690	665	495	519
22	783	1310	1890	4400	2920	16100	3780	677	2410	763	455	580
23	920	1260	1850	4280	2310	13600	4500	648	1570	761	410	547
24	808	1520	2500	4260	2990	8260	5160	769	2970	622	346	570
25	820	1690	923	3990	3450	6600	3540	1480	1080	675	411	616
26	850	926	2130	3550	1660	5730	5000	1480	931	639	558	632
27	875	2010	740	1860	6870	4830	2740	1200	2290	648	383	715
28	859	1170	1670	2630	6650	4820	4500	2510	1870	519	452	551
29	807	2160	994	3600	4930	3940	3020	1120	2120	777	378	561
30	920	1370	1220	5270	---	3980	3740	1260	2450	1260	528	593
31	913	---	1600	4910	---	4780	---	945	---	618	418	---
TOTAL	31315	42392	60633	120690	101290	232740	802090	53174	49455	27374	17499	16080
MEAN	1010	1413	1956	3893	3493	7508	26740	1715	1648	883	564	536
MAX	2600	3250	4490	9830	6880	24700	118000	3840	3460	2650	852	715
MIN	668	547	597	1220	1450	1260	2740	648	640	519	346	345
CFSM	.18	.25	.34	.68	.61	1.31	4.65	.30	.29	.15	.10	.09
IN.	.20	.27	.39	.78	.66	1.51	5.19	.34	.32	.18	.11	.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2000, BY WATER YEAR (WY)

MEAN	2457	5195	13800	15280	17370	15640	15080	11690	6449	3644	2076	1560
MAX	6530	14060	42160	29990	40590	27680	44220	70040	29030	15340	4533	3504
(WY)	1985	1987	1984	1989	1991	1995	1983	1991	1997	1994	1998	1996
MIN	694	780	1956	2060	3493	5447	2128	1489	789	883	564	485
(WY)	1988	1982	2000	1981	2000	1985	1986	1992	1988	2000	2000	1984

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1981 - 2000	
ANNUAL TOTAL	2986175		1554732			
ANNUAL MEAN	8181		4248		9148	
HIGHEST ANNUAL MEAN					19390	1991
LOWEST ANNUAL MEAN					3369	1988
HIGHEST DAILY MEAN	84100	Jan 24	118000	Apr 5	178000	Feb 23 1991
LOWEST DAILY MEAN	537	Aug 23	345	Sep 6	196	Oct 22 1982
ANNUAL SEVEN-DAY MINIMUM	614	Aug 18	399	Sep 1	319	Sep 25 1984
INSTANTANEOUS PEAK FLOW			120000	Apr 5	178000	Feb 23 1991
INSTANTANEOUS PEAK STAGE			140.45	Apr 6	144.33	Feb 23 1991
ANNUAL RUNOFF (CFSM)	1.42		.74		1.59	
ANNUAL RUNOFF (INCHES)	19.32		10.06		21.62	
10 PERCENT EXCEEDS	21600		5870		22500	
50 PERCENT EXCEEDS	2570		1480		3780	
90 PERCENT EXCEEDS	712		561		777	

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 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1998 to current year.
GAGE.--Water-stage recorder. Datum of gage is 140 ft above sea level (from topographic map).
REMARKS.--Estimated daily discharges: Dec. 20-22, Apr. 4-9. Records good except those estimated, which are poor.
REVISIONS.--Peak and peak above base discharges of the 1999 water year are revised as follows: Jan. 23, 1999, gage height, 15.51 ft, 3,400 ft^3/s; Jan. 30, 1999, gage height, 16.29 ft, 3,710 ft^3/s; June 28, 1999, gage height, 14.34 ft, 2,940 ft^3/s.

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	.00	.00	.29	.11	17	3.3	2.4	.95	.00	1.2	.00	.00
2	.00	.00	.24	.22	9.5	2.1	1710	.92	.00	.56	.00	.00
3	.00	.00	.28	1.6	5.9	1.5	3450	.80	.00	.34	.00	.00
4	.00	.00	.26	551	4.8	1.4	e1100	1.0	.00	.17	.00	.00
5	.00	.00	.21	42	3.1	1.2	e150	1.7	.01	.11	.00	.00
6	.00	.00	.15	16	2.1	.78	e75	.94	.00	.04	.00	.00
7	.00	.00	.13	9.0	1.8	.55	e50	.78	.00	.01	.00	.00
8	.00	.00	.10	6.9	1.7	.44	e40	.52	.00	.00	.00	.00
9	.00	.00	.11	76	1.7	.37	e35	.41	.00	.00	.00	.00
10	15	.00	.35	124	1.3	7.0	30	.35	.00	.00	.00	.00
11	14	.00	.56	34	1.5	288	19	.34	.00	.00	.00	.00
12	4.4	.00	1.3	14	1.3	50	36	.34	.00	.00	.00	.00
13	1.8	.00	273	12	1.4	13	117	.30	.00	.00	.00	.00
14	.90	.00	51	9.4	17	6.8	83	.25	.00	.00	.00	.00
15	.26	.00	17	5.2	6.9	4.8	41	.20	.00	.00	.00	.00
16	.01	.00	7.1	3.3	3.6	4.2	23	.14	.00	.00	.00	.00
17	.00	.00	2.9	1.7	2.6	3.9	11	.08	.00	.00	.00	.00
18	.00	.00	1.8	1.5	2.3	4.3	11	.01	.00	.00	.00	.00
19	.00	.00	9.2	3.1	14	172	6.8	.00	.14	.00	.00	.00
20	.00	.00	e14	11	8.0	137	5.5	.03	.02	.00	.00	.00
21	.00	.00	e20	5.5	3.8	29	4.4	.01	.00	.00	.00	.00
22	.00	.00	e40	3.3	2.4	9.4	3.2	.01	.00	.00	.00	.00
23	.00	.00	15	13	4.5	4.4	3.1	.00	.00	.00	.00	.00
24	.00	.44	8.1	11	2.6	2.9	2.5	.00	.10	.00	.00	.00
25	.00	4.5	4.0	5.3	1.1	2.0	2.8	.05	7.3	.00	.00	.00
26	.00	2.8	2.3	3.0	.87	1.6	2.1	.03	1.4	.00	.00	.00
27	.00	3.0	1.3	1.7	45	2.0	1.5	.00	.19	.00	.00	.00
28	.00	1.2	.75	51	17	2.4	1.6	.00	.14	.00	.00	.00
29	.00	.68	.32	362	6.4	2.3	1.6	.00	11	.00	.00	.00
30	.00	.36	.21	124	---	3.7	1.2	.00	4.5	.00	.00	.00
31	.00	---	.15	34	---	3.0	---	.00	---	.00	.00	---
TOTAL	36.37	12.98	472.11	1535.83	191.17	765.34	7019.7	10.16	24.80	2.43	0.00	0.00
MEAN	1.17	.43	15.2	49.5	6.59	24.7	234	.33	.83	.078	.000	.000
MAX	15	4.5	273	551	45	288	3450	1.7	11	1.2	.00	.00
MIN	.00	.00	.10	.11	.87	.37	1.2	.00	.00	.00	.00	.00
CFSM	.02	.01	.29	.94	.13	.47	4.45	.01	.02	.00	.00	.00
IN.	.03	.01	.33	1.09	.14	.54	4.96	.01	.02	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	.59	.22	44.7	192	28.8	86.7	131	15.4	61.4	16.6	.011	.000
MAX	1.17	.43	74.2	334	51.8	149	234	30.6	122	33.1	.022	.000
(WY)	2000	2000	1999	1999	1999	1999	2000	1999	1999	1999	1999	1999
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	23420.20		10070.89			
ANNUAL MEAN	64.2		27.5		48.2	
HIGHEST ANNUAL MEAN					69.0	1999
LOWEST ANNUAL MEAN					27.5	2000
HIGHEST DAILY MEAN	3000	Jan 30	3450	Apr 3	3450	Apr 3 2000
LOWEST DAILY MEAN	.00	Many days	.00	Many days	.00	Many days
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 6	.00	Several times	.00	Several times
INSTANTANEOUS PEAK FLOW			3700	Apr 3	3710	Jan 30 1999
INSTANTANEOUS PEAK STAGE			16.26	Apr 3	16.29	Jan 30 1999
ANNUAL RUNOFF (CFSM)	1.22		.52		.92	
ANNUAL RUNOFF (INCHES)	16.56		7.12		12.46	
10 PERCENT EXCEEDS	100		17		49	
50 PERCENT EXCEEDS	1.9		.16		.41	
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 1999 TO SEPTEMBER 2000

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)
OCT											
12...	1245	25.2	--	756	1.53	3.5	477	466	7.4	91	7.8
20...	1100	18.9	--	765	1.14	.06	601	595	5.8	62	7.5
NOV											
02...	1020	18.3	25.5	754	1.16	.08	737	726	7.3	79	7.7
DEC											
09...	1200	13.1	--	757	1.17	.08	728	711	9.3	89	7.7
JAN											
19...	1200	10.7	--	755	1.35	4.0	394	388	11.9	108	8.4
FEB											
14...	1230	16.9	--	761	1.69	20	489	495	10.9	113	8.3
MAR											
23...	1100	21.5	--	762	1.42	4.7	379	383	13.1	149	8.6
APR											
02...	1415	18.4	--	755	12.98	2550	159	187	9.2	99	8.0
13...	1415	15.7	--	755	2.70	128	367	364	10.1	103	8.0
26...	1200	18.9	--	761	1.38	.50	505	497	9.7	105	8.2
MAY											
18...	1830	29.2	27.0	760	1.18	.10	610	605	5.5	72	7.9
JUN											
27...	1245	31.3	33.0	759	1.30	.12	562	553	11.2	153	8.3

DATE	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)	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											
12...	7.8	0	100	82	4.7	4.9	--	--	<.020	.154	3.79
20...	7.2	0	120	98	--	--	--	--	<.020	<.010	--
NOV											
02...	7.7	0	113	94	--	--	--	--	<.020	<.010	--
DEC											
09...	7.9	0	145	120	--	--	--	--	<.020	<.010	--
JAN											
19...	8.0	0	99	81	.81	.50	--	--	<.020	<.010	--
FEB											
14...	8.2	0	124	102	--	--	--	--	<.020	<.010	--
MAR											
23...	8.3	0	121	99	1.7	1.6	--	--	<.020	.033	.878
APR											
02...	8.0	0	65	53	6.2	4.4	2.3	.54	.173	.032	3.63
13...	7.9	0	132	108	1.8	1.3	1.1	.62	.050	.034	.621
26...	7.9	0	133	109	--	--	--	--	<.020	<.010	--
MAY											
18...	7.9	2	104	89	--	--	.90	.54	.023	<.010	--
JUN											
27...	8.4	4	74	67	1.9	1.8	--	--	<.020	.095	1.05

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
OCT										
12...	.96	.78	3.95	--	16.8	.506	.159	.131	.090	.052
20...	.68	1.0	<.050	--	--	--	.037	.223	.033	.012
NOV										
02...	.49	.88	<.050	--	--	--	--	.081	.023	<.010
DEC										
09...	.56	.56	<.050	--	--	--	--	.037	.015	<.010
JAN										
19...	.44	.75	.057	--	--	--	.040	.086	.019	.013
FEB										
14...	.46	.74	<.050	--	--	--	--	.128	.019	<.010
MAR										
23...	.66	.81	.911	--	3.89	.108	.064	.121	.044	.021
APR										
02...	.71	2.5	3.66	.22	16.1	.105	.199	1.32	.082	.065
13...	.67	1.1	.655	.06	2.75	.112	.132	.317	.075	.043
26...	.52	.56	<.050	--	--	--	--	.058	.018	<.010
MAY										
18...	.56	.92	<.050	.03	--	--	--	.105	.017	<.010
JUN										
27...	.63	.74	1.14	--	4.63	.312	--	.069	.013	<.010

DATE	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
OCT										
12...	11	.7	190	110	70.6	3.14	9.2	.3	9	7.5
20...	11	.7	260	160	96.1	4.81	13.8	.4	10	9.5
NOV										
02...	8.5	1.0	320	230	119	5.71	13.4	.3	8	9.0
DEC										
09...	8.7	.3	290	180	109	5.58	22.7	.6	14	8.1
JAN										
19...	6.4	1.7	150	71	56.7	2.57	14.7	.5	17	3.5
FEB										
14...	6.9	1.5	180	79	67.8	2.71	19.1	.6	18	3.6
MAR										
23...	8.7	1.0	160	59	59.3	2.47	11.5	.4	13	3.4
APR										
02...	6.7	>4.0	71	18	26.5	1.16	3.1	.2	8	2.7
13...	8.2	3.1	150	40	55.9	2.16	10.4	.4	13	3.6
26...	7.2	.8	190	84	71.8	3.21	16.1	.5	15	4.2
MAY										
18...	8.1	1.7	230	140	83.4	4.42	26.1	.8	20	5.2
JUN										
27...	7.3	1.1	230	160	85.0	3.86	16.7	.5	13	5.2

MOBILE RIVER BASIN

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT										
12...	50.3	49.7	.3	9.7	E10	6	315	267	2.99	.43
20...	63.4	93.9	.3	3.0	30	61	391	344	.06	.53
NOV										
02...	48.4	206	.2	1.6	10	27	521	459	.11	.71
DEC										
09...	77.8	120	.3	.9	<10	14	460	415	.10	.63
JAN										
19...	37.7	53.3	.2	2.2	E10	E2	258	220	2.79	.35
FEB										
14...	43.4	67.1	.2	.8	10	12	300	266	16.2	.41
MAR										
23...	25.1	44.1	.3	3.1	30	6	238	213	3.01	.32
APR										
02...	7.4	8.8	.2	4.2	40	<2	112	103	771	.15
13...	21.7	22.5	.3	5.2	10	6	224	190	77.4	.30
26...	34.4	64.0	.4	.8	10	5	300	260	.41	.41
MAY										
18...	56.7	109	.3	1.4	<10	<2	390	339	.11	.53
JUN										
27...	36.9	137	.3	1.7	<10	3	388	332	.13	.53

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	PROMETON, WATER, DISS, REC (UG/L) (04037)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DISSOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLORPYRIFOS DISSOLVED (UG/L) (38933)	LINDANE DISSOLVED (UG/L) (39341)	DIELDRIN DISSOLVED (UG/L) (39381)
OCT											
12...	<.007	<.002	.026	<.018	.018	<.003	<.002	<.006	<.004	<.004	<.001
20...	<.007	<.002	.027	<.018	.034	<.003	<.002	<.006	<.004	<.004	<.001
NOV											
02...	<.007	<.002	.012	<.018	.033	<.003	<.002	<.006	<.004	<.004	<.001
DEC											
09...	<.007	<.002	.033	<.018	.015	<.003	<.002	<.006	<.004	<.004	<.001
JAN											
19...	<.007	<.002	.030	<.018	.013	<.003	<.002	<.006	<.004	<.004	<.001
FEB											
14...	<.007	<.002	.010	<.018	.007	<.003	<.002	<.006	<.004	<.004	<.001
MAR											
23...	<.007	<.002	.037	<.018	.006	<.003	<.002	<.006	.015	<.004	<.001
APR											
02...	<.007	<.002	--	<.018	.012	<.003	<.002	<.006	.211	<.004	<.001
13...	<.007	<.002	.044	<.018	<.004	<.003	<.002	<.006	.027	<.004	<.001
26...	<.007	<.002	.026	<.018	.008	<.003	<.002	<.006	<.004	<.004	<.001
MAY											
18...	<.007	<.002	.013	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUN											
27...	<.007	<.002	.006	<.018	.018	<.003	<.002	<.006	<.004	<.004	<.001

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
OCT											
12...	.036	<.005	<.004	<.002	<.002	<.007	<.004	<.003	<.004	<.004	<.002
20...	.025	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
NOV											
02...	.019	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
DEC											
09...	.011	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JAN											
19...	.056	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
FEB											
14...	.034	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
MAR											
23...	.336	<.005	<.004	E.003	<.002	<.002	<.004	<.003	<.002	<.004	<.002
APR											
02...	1.93	.019	<.004	.005	<.002	<.002	<.004	<.003	<.002	<.004	<.002
13...	.087	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
26...	.044	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
MAY											
18...	.040	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUN											
27...	.036	<.005	<.004	<.002	<.002	<.002	.130	<.003	<.002	<.004	<.002

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)	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)
OCT											
12...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
20...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NOV											
02...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
DEC											
09...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	E.001	<.003	<.013	<.003
JAN											
19...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
FEB											
14...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
MAR											
23...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
APR											
02...	<.007	<.002	<.006	<.007	<.004	<.004	<.003	<.002	<.003	<.013	<.003
13...	E.023	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
26...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
MAY											
18...	<.007	<.002	<.006	<.009	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUN											
27...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003

02444490 BOGUE CHITTO CREEK NEAR MEMPHIS, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
OCT											
12...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.080	<.001	<.005
20...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
NOV											
02...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
DEC											
09...	<.017	<.001	<.004	<.003	<.002	E.002	<.004	<.003	<.013	<.001	<.005
JAN											
19...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
FEB											
14...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAR											
23...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
APR											
02...	<.017	<.001	<.004	E.035	<.002	<.002	.260	<.003	<.013	<.001	<.005
13...	<.017	<.001	<.004	<.003	<.002	<.002	.021	<.003	<.013	<.001	<.005
26...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAY											
18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUN											
27...	<.017	<.001	<.004	<.003	<.002	<.002	.060	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
12...	1245	3.5	11	.10	96
20...	1100	.06	4	.00	88
NOV					
02...	1020	.08	13	.00	18
DEC					
09...	1200	.08	11	.00	94
JAN					
19...	1200	4.0	17	.18	44
FEB					
14...	1230	20	69	3.7	58
MAR					
23...	1100	4.7	26	.33	91
APR					
02...	1415	2550	1150	7920	89
13...	1415	128	211	73	85
26...	1200	.50	6	.01	80
MAY					
18...	1830	.10	33	.01	71
JUN					
27...	1245	.12	16	.01	89

MOBILE RIVER BASIN

02444500 TOMBIGBEE RIVER NEAR COCHRANE, AL

LOCATION.--Lat 33°04'52", long 88°14'16", in NW$^1/_4$ 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 mi^2.
PERIOD OF RECORD.--October 1938 to March 1978. April 1978 to September 1978 (high-water discharge only). October 1981 to current year (gage heights only). Monthly discharge only for period October to December 1938, published in WSP 1304. Gage-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 ft^3/s, 19.62 in/yr.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 166,000 ft^3/s, Mar. 21, 1973; maximum gage height, 137.22 ft, Mar. 21, 1973; minimum discharge, 165 ft^3/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, 128.30 ft, Apr. 6; minimum gage height, 108.77 ft, Aug. 29.

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	109.03	109.49	109.18	109.43	109.67	109.62	109.60	109.51	109.32	109.52	109.28	108.86
2	109.08	109.33	109.27	109.30	109.55	109.52	112.60	109.40	109.36	109.34	109.22	108.87
3	109.16	109.24	109.39	109.53	109.51	109.54	121.08	109.47	109.42	109.39	109.16	108.87
4	109.21	109.28	109.40	110.11	109.57	109.44	125.50	109.55	109.48	109.47	109.16	108.86
5	109.24	109.53	109.40	109.59	109.42	109.45	127.38	109.47	109.39	109.37	109.19	108.85
6	109.24	109.36	109.27	109.60	109.54	109.39	128.22	109.43	109.35	109.28	109.27	108.84
7	109.23	109.32	109.53	109.62	109.44	109.54	127.86	109.50	109.35	109.24	109.23	108.83
8	109.25	109.43	109.29	109.53	109.48	109.48	124.23	109.48	109.47	109.25	109.22	108.84
9	109.49	109.27	109.32	109.60	109.42	109.57	117.89	109.33	109.42	109.23	109.21	108.84
10	109.49	109.35	109.50	109.55	109.57	109.49	112.40	109.46	109.33	109.18	109.29	108.86
11	109.29	109.55	109.42	109.76	109.51	110.64	110.84	109.53	109.43	109.17	109.46	108.88
12	109.49	109.26	109.44	109.62	109.35	110.68	110.21	109.35	109.51	109.16	109.42	108.91
13	109.55	109.46	109.48	109.56	109.56	110.41	110.45	109.50	109.37	109.24	109.39	108.97
14	109.38	109.24	109.54	109.48	109.59	110.13	112.68	109.29	109.33	109.29	109.33	109.04
15	109.34	109.27	109.58	109.56	109.58	109.76	111.20	109.43	109.26	109.25	109.29	109.08
16	109.37	109.42	109.49	109.49	109.49	109.75	111.09	109.39	109.24	109.31	109.23	109.07
17	109.39	109.46	109.30	109.57	109.39	109.59	110.85	109.41	109.37	109.40	109.17	109.09
18	109.47	109.44	109.40	109.47	109.79	109.63	110.05	109.44	109.53	109.25	109.12	109.07
19	109.51	109.41	109.48	109.50	109.48	110.21	109.84	109.46	109.52	109.24	109.10	109.06
20	109.33	109.51	109.42	109.41	109.56	112.15	109.76	109.50	109.38	109.23	109.09	109.04
21	109.29	109.45	109.45	109.39	109.51	111.27	109.62	109.31	109.50	109.23	109.05	109.01
22	109.26	109.54	109.37	109.61	109.45	110.89	109.52	109.39	109.39	109.21	109.01	109.02
23	109.23	109.46	109.39	109.48	109.43	110.59	109.55	109.37	109.49	109.18	108.99	109.06
24	109.22	109.50	109.44	109.47	109.49	109.88	109.67	109.40	109.53	109.17	108.96	109.07
25	109.21	109.46	109.32	109.48	109.52	109.81	109.46	109.44	109.45	109.15	108.94	109.06
26	109.24	109.45	109.53	109.43	109.30	109.63	109.61	109.41	109.37	109.17	108.89	109.03
27	109.26	109.50	109.41	109.40	109.72	109.59	109.36	109.40	109.49	109.14	108.88	109.03
28	109.27	109.30	109.53	109.53	109.79	109.66	109.57	109.52	109.44	109.13	108.85	109.03
29	109.30	109.41	109.43	109.60	109.60	109.56	109.50	109.38	109.42	109.10	108.82	109.03
30	109.32	109.34	109.48	109.74	---	109.57	109.48	109.37	109.52	109.26	108.83	108.98
31	109.33	---	109.43	109.70	---	109.59	---	109.32	---	109.35	108.85	---
MEAN	109.31	109.40	109.42	109.55	109.53	109.94	113.64	109.43	109.41	109.25	109.13	108.97
MAX	109.55	109.55	109.58	110.11	109.79	112.15	128.22	109.55	109.53	109.52	109.46	109.09
MIN	109.03	109.24	109.18	109.30	109.30	109.39	109.36	109.29	109.24	109.10	108.82	108.83

CAL YR 1999	MEAN 110.28	MAX 123.69	MIN 109.03
WTR YR 2000	MEAN 109.74	MAX 128.22	MIN 108.82

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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	93	124	165	861	550	829	441	97	77	54	28
2	69	169	117	159	905	578	1140	447	94	74	46	28
3	68	201	112	158	988	553	5000	405	90	83	44	27
4	68	214	108	488	1080	503	8270	354	85	97	46	26
5	64	264	106	737	1110	436	10400	319	86	91	102	25
6	60	281	107	724	990	398	11100	292	96	78	118	25
7	57	224	110	736	748	399	9550	271	121	68	97	26
8	56	172	114	771	560	383	6760	253	140	62	78	27
9	67	140	116	832	463	351	4880	236	130	57	70	27
10	150	124	131	886	406	364	3630	223	112	54	66	29
11	262	112	155	800	363	1070	2800	214	98	51	64	30
12	275	105	163	750	331	1720	2310	201	89	49	59	34
13	247	103	264	773	318	2490	2040	192	84	47	57	38
14	207	103	310	808	391	3090	1760	183	79	45	59	37
15	160	99	299	789	393	4300	1430	172	79	43	57	35
16	124	95	327	656	380	4150	1270	162	74	42	52	32
17	105	93	375	490	383	3150	1130	154	74	40	46	30
18	93	93	339	392	391	2290	1120	144	80	40	46	29
19	85	93	290	362	372	2020	1190	136	80	37	47	28
20	80	98	263	387	347	2470	1180	131	98	37	41	27
21	78	107	258	432	349	2280	1090	135	119	40	37	27
22	73	116	275	457	377	1890	977	136	122	40	34	28
23	70	130	279	493	385	1960	856	138	115	39	33	27
24	68	127	286	503	355	2450	770	132	101	39	33	27
25	67	125	267	472	323	3120	705	126	102	38	32	27
26	68	125	245	499	300	2660	637	121	117	39	31	28
27	68	130	224	545	353	2110	591	115	107	38	30	30
28	68	132	203	572	444	1550	552	111	94	35	30	31
29	67	131	189	746	497	1220	493	108	86	34	29	31
30	67	129	179	858	---	995	441	105	81	36	28	35
31	67	---	171	851	---	893	---	101	---	53	28	---
TOTAL	3127	4128	6506	18291	15163	52393	84901	6258	2930	1603	1594	879
MEAN	101	138	210	590	523	1690	2830	202	97.7	51.7	51.4	29.3
MAX	275	281	375	886	1110	4300	11100	447	140	97	118	38
MIN	56	93	106	158	300	351	441	101	74	34	28	25
CFSM	.19	.26	.40	1.12	.99	3.20	5.36	.38	.18	.10	.10	.06
IN.	.22	.29	.46	1.29	1.07	3.69	5.98	.44	.21	.11	.11	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2000, BY WATER YEAR (WY)

MEAN	160	440	929	1428	1737	1719	1493	802	355	307	203	179
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1928 - 2000	
ANNUAL TOTAL	279089		197773			
ANNUAL MEAN	765		540		805	
HIGHEST ANNUAL MEAN					1621	1991
LOWEST ANNUAL MEAN					282	1988
HIGHEST DAILY MEAN	10500	Jan 27	11100	Apr 6	23500	Feb 23 1961
LOWEST DAILY MEAN	50	Sep 24, 25	25	Sep 5, 6	13	Sep 19 1954
ANNUAL SEVEN-DAY MINIMUM	52	Sep 20	26	Sep 3	15	Sep 14 1954
INSTANTANEOUS PEAK FLOW			11300	Apr 6	27800	Feb 23 1961
INSTANTANEOUS PEAK STAGE			15.92	Apr 6	18.83	Feb 23 1961
ANNUAL RUNOFF (CFSM)	1.45		1.02		1.52	
ANNUAL RUNOFF (INCHES)	19.66		13.93		20.71	
10 PERCENT EXCEEDS	1660		1120		1960	
50 PERCENT EXCEEDS	279		131		370	
90 PERCENT EXCEEDS	67		34		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 NE$^1/_4$ 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 mi^2.
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.--No estimated daily discharges. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	488	4210	508	2620	6650	4900	5850	4540	775	2010	520	189
2	458	2560	580	609	5260	4510	26600	2710	760	1320	570	371
3	595	614	1100	1770	4570	4100	92800	3700	1320	641	521	253
4	674	618	1820	11300	4660	3300	125000	2730	2230	1510	550	254
5	676	1800	1130	5240	3140	2920	142000	2690	1370	764	506	287
6	589	1850	1650	6400	4120	2380	137000	2380	2710	620	608	216
7	746	681	2420	5860	3130	3370	136000	3340	704	580	518	285
8	720	2210	969	3000	3880	1940	125000	2540	834	528	524	263
9	2880	833	750	5970	1870	4120	81800	1070	1240	606	484	344
10	2420	659	1920	6260	2710	3650	34600	2920	690	590	561	313
11	1500	1700	2830	7340	4220	16000	22500	2050	783	514	815	361
12	978	858	1350	5270	989	19100	15900	872	1120	504	780	378
13	1070	1760	5880	5580	2780	15300	15700	3070	1480	575	677	291
14	2520	1120	3230	2350	4990	13100	31100	724	712	686	660	380
15	731	615	5020	4040	4740	9390	22500	960	758	621	494	464
16	780	899	2760	2600	2890	7830	20000	1580	558	695	563	431
17	868	766	1780	3540	3580	8110	19400	1460	760	859	562	462
18	893	828	4080	2710	7330	8020	11500	785	1740	669	446	385
19	1250	793	1370	3950	4890	13400	9150	772	3600	505	431	365
20	783	2000	2370	2830	4970	30100	7040	3210	2450	531	510	402
21	2200	985	3680	2020	4550	25100	7040	886	1870	560	403	451
22	719	1360	1420	3850	2680	20800	4410	1270	1990	574	426	409
23	667	1600	2940	3550	3710	18500	5020	624	1340	636	322	391
24	801	1840	2840	4200	3340	11300	6710	741	2800	533	258	405
25	585	1450	650	2740	3520	9930	4690	1000	935	446	337	406
26	631	1590	2270	3620	1410	8050	5630	2190	1540	490	475	567
27	707	1730	1260	2900	6420	7280	3860	638	1390	510	377	478
28	659	1850	1670	4750	8840	7170	4770	2990	1650	435	355	450
29	598	1030	1450	5190	5310	5980	3900	715	2010	488	181	452
30	755	2470	865	8790	---	6900	3980	1760	2110	597	308	439
31	695	---	1800	7990	---	5370	---	611	---	657	298	---
TOTAL	30636	43279	64362	138839	121149	301920	1131450	57528	44229	21254	15040	11142
MEAN	988	1443	2076	4479	4178	9739	37720	1856	1474	686	485	371
MAX	2880	4210	5880	11300	8840	30100	142000	4540	3600	2010	815	567
MIN	458	614	508	609	989	1940	3860	611	558	435	181	189
CFSM	.14	.20	.29	.62	.58	1.35	5.22	.26	.20	.09	.07	.05
IN.	.16	.22	.33	.71	.62	1.55	5.82	.30	.23	.11	.08	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2000, BY WATER YEAR (WY)

MEAN	2717	6322	15630	20650	22120	22760	21650	14830	7705	4344	2261	2270
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1978 - 2000	
ANNUAL TOTAL	3663162		1980828			
ANNUAL MEAN	10040		5412	11920		
HIGHEST ANNUAL MEAN					24850	1991
LOWEST ANNUAL MEAN					3814	1988
HIGHEST DAILY MEAN	109000	Feb 1	142000	Apr 5	190000	Feb 25 1991
LOWEST DAILY MEAN	446	Aug 19	181	Aug 29	93	Oct 6 1984
ANNUAL SEVEN-DAY MINIMUM	484	Aug 18	265	Aug 29	200	Sep 30 1978
INSTANTANEOUS PEAK FLOW			151000	Apr 6	190000	Feb 25 1991
INSTANTANEOUS PEAK STAGE			114.63	Apr 7	120.74	Apr 15 1979
ANNUAL RUNOFF (CFSM)	1.39		.75		1.65	
ANNUAL RUNOFF (INCHES)	18.85		10.19		22.39	
10 PERCENT EXCEEDS	27300		8000		29900	
50 PERCENT EXCEEDS	2990		1520		4720	

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 mi^2.
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: June 13 to July 19, July 21-28. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	82	76	83	108	631	201	723	227	101	e107	82	45
2	108	77	82	106	461	172	1890	208	95	e113	77	43
3	108	75	81	109	397	170	9300	199	91	e110	77	42
4	116	75	80	749	340	169	13100	204	93	e105	76	41
5	99	77	80	1430	280	163	12800	232	97	e107	72	41
6	95	73	79	614	231	154	12800	209	96	e88	70	41
7	92	70	78	305	193	148	13000	183	96	e78	69	42
8	85	72	78	231	168	140	12500	171	98	e72	69	42
9	89	73	79	218	152	136	11700	159	99	e70	68	42
10	128	74	80	436	140	143	10500	148	96	e71	66	44
11	380	74	80	747	131	663	8750	141	92	e77	69	50
12	268	73	81	487	125	1080	6240	136	91	e84	81	55
13	173	72	341	294	123	643	3820	133	e87	e76	87	53
14	128	80	708	232	133	424	3080	125	e80	e73	71	51
15	109	74	411	220	182	331	3350	116	e81	e71	70	51
16	103	71	242	201	216	295	2330	109	e90	e81	64	55
17	97	71	178	172	188	265	1650	104	e93	e78	56	58
18	87	71	154	158	155	237	1390	102	e135	e72	52	54
19	80	70	152	153	146	365	1080	98	e255	68	54	49
20	76	71	146	148	158	1310	804	95	e440	69	52	47
21	74	74	149	169	173	1470	625	94	e245	e125	47	47
22	73	76	230	171	168	903	510	95	e165	e110	44	47
23	72	83	349	153	148	675	435	120	e145	e103	43	48
24	72	90	232	157	140	623	381	142	e135	e98	53	47
25	70	88	168	170	130	475	341	140	e115	e90	52	48
26	70	89	145	163	124	370	316	140	e105	e78	47	49
27	69	94	134	148	137	315	289	135	e100	e70	45	51
28	70	97	129	150	266	287	263	120	e125	e72	44	50
29	72	94	123	586	247	297	246	111	e150	82	43	49
30	71	86	117	1420	---	509	238	107	e125	85	43	49
31	70	---	112	1010	---	974	---	107	---	89	44	---
TOTAL	3286	2340	5181	11415	6083	14107	134451	4410	3816	2672	1887	1431
MEAN	106	78.0	167	368	210	455	4482	142	127	86.2	60.9	47.7
MAX	380	97	708	1430	631	1470	13100	232	440	125	87	58
MIN	69	70	78	106	123	136	238	94	80	68	43	41
CFSM	.10	.07	.15	.34	.19	.41	4.09	.13	.12	.08	.06	.04
IN.	.11	.08	.18	.39	.21	.48	4.56	.15	.13	.09	.06	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

MEAN	261	603	1641	2983	3483	3392	3174	1414	589	634	311	290
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	389830		191079			
ANNUAL MEAN	1068		522		1553	
HIGHEST ANNUAL MEAN					3967	1983
LOWEST ANNUAL MEAN					327	1963
HIGHEST DAILY MEAN	18500	Feb 3	13100	Apr 4	136000	Apr 14 1979
LOWEST DAILY MEAN	65	Sep 26	41	Sep 4-6	22	Sep 24 1954
ANNUAL SEVEN-DAY MINIMUM	66	Sep 21	42	Sep 3	23	Sep 23 1954
INSTANTANEOUS PEAK FLOW			13200	Apr 4	156000	Apr 14 1979
INSTANTANEOUS PEAK STAGE			35.75	Apr 4	48.58	Apr 14 1979
ANNUAL RUNOFF (CFSM)	.97		.48 1.42			
ANNUAL RUNOFF (INCHES)	13.22		6.48		19.24	
10 PERCENT EXCEEDS	2540		624		4860	
50 PERCENT EXCEEDS	173		108		348	
90 PERCENT EXCEEDS	74		52		76	

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 mi^2.
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 ft^3/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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.10	.00	.78	32	21	28	1.3	.07	.89	.03	.00
2	.00	.23	.00	.82	18	16	177	1.2	.04	.56	.00	.00
3	.00	.23	.00	.81	11	12	3070	1.2	.02	.38	.00	.00
4	.00	.22	.00	176	7.8	9.2	6060	1.0	.00	.27	.00	.00
5	.00	.22	.00	103	5.8	8.7	2900	.95	.24	.24	.00	.00
6	.00	.22	.00	28	4.7	6.6	634	.83	.49	.20	.00	.00
7	.00	.22	.00	12	4.5	5.2	684	.75	.48	.17	.00	.00
8	.00	.21	.00	6.5	4.0	4.3	699	.60	.46	.19	.00	.00
9	.07	.20	.00	7.9	4.2	3.3	410	.42	.41	.18	.00	.00
10	1.5	.20	.00	128	3.4	3.9	88	.36	.36	.16	.00	.00
11	.99	.21	.00	116	4.1	78	43	.46	.25	.15	.00	.00
12	.78	.21	.62	43	5.0	98	34	.24	.22	.14	.00	.00
13	.70	.21	14	20	5.7	61	233	.16	.17	.11	.00	.00
14	.71	.22	1.4	13	20	34	238	.09	.20	.09	.00	.00
15	.66	.20	.89	12	19	23	134	.05	.24	.07	.00	.00
16	.58	.15	.72	8.8	15	18	77	.06	.27	.05	.00	.00
17	.50	.11	.64	6.1	14	13	54	.11	.24	.03	.00	.00
18	.46	.09	.63	4.5	11	12	41	.12	.22	.05	.00	.00
19	.43	.08	.70	4.2	42	305	24	.00	.32	.00	.00	.00
20	.41	.08	.79	3.9	93	507	16	.00	.62	.00	.00	.00
21	.38	.08	1.0	4.4	46	197	11	.00	.99	1.8	.00	.00
22	.35	.07	.88	3.8	27	90	13	.00	.98	2.1	.00	.00
23	.33	.06	.88	3.7	18	51	5.0	.00	.82	.69	.00	.00
24	.29	.06	.79	3.2	13	34	4.3	.00	.75	.09	.00	.00
25	.26	.05	.74	3.2	9.4	28	3.4	.07	.73	.00	.00	.00
26	.24	.04	.70	3.0	7.8	57	2.5	.08	.75	.00	.00	.00
27	.23	.03	.68	2.9	30	124	1.8	.06	.74	.00	.00	.00
28	.22	.02	.68	4.5	50	101	1.7	.05	.84	.00	.00	.00
29	.20	.01	.68	57	32	49	1.8	.05	6.8	.00	.00	.00
30	.18	.01	.68	87	---	38	1.4	.08	1.2	.02	.00	.00
31	.16	---	.69	57	---	34	---	.08	---	.17	.00	---
TOTAL	10.63	4.04	28.79	925.01	557.4	2042.2	15689.9	10.37	19.92	8.80	0.03	0.00
MEAN	.34	.13	.93	29.8	19.2	65.9	523	.33	.66	.28	.001	.000
MAX	1.5	.23	14	176	93	507	6060	1.3	6.8	2.1	.03	.00
MIN	.00	.01	.00	.78	3.4	3.3	1.4	.00	.00	.00	.00	.00
CFSM	.00	.00	.01	.19	.12	.42	3.31	.00	.00	.00	.00	.00
IN.	.00	.00	.01	.22	.13	.48	3.69	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2000, BY WATER YEAR (WY)

MEAN	9.62	79.8	184	565	518	453	388	174	72.0	31.0	35.7	2.34
MAX	49.6	335	550	1561	983	867	938	1296	377	184	150	10.6
(WY)	1996	1993	1998	1998	1991	1996	1991	1991	1997	1994	1992	1992
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1991 - 2000	
ANNUAL TOTAL	56441.22		19297.09			
ANNUAL MEAN	155		52.7		208	
HIGHEST ANNUAL MEAN					338	1991
LOWEST ANNUAL MEAN					52.7	2000
HIGHEST DAILY MEAN	13500	Jan 31	6060	Apr 4	16000	Jan 8 1998
LOWEST DAILY MEAN	.00	Several days	.00	Many days	.00	Many days
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 22	.00	Oct 1	.00	Several times
INSTANTANEOUS PEAK FLOW			6750	Apr 4	21900	Jan 8 1998
INSTANTANEOUS PEAK STAGE			20.36	Apr 4	24.20	Jan 8 1998
ANNUAL RUNOFF (CFSM)	.98		.33		1.32	
ANNUAL RUNOFF (INCHES)	13.29		4.54		17.88	
10 PERCENT EXCEEDS	162		44		421	
50 PERCENT EXCEEDS	.94		.38		11	
90 PERCENT EXCEEDS	.01		.00		.11	

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 mi^2.
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: Feb. 14-18, Apr. 13-20, July 30, 31, Sept. 12-14. Records good except those of estimated period, which are 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	.71	3.3	.29	1.6	5.7	5.8	9.2	6.6	1.9	1.7	.80	.01
2	.71	2.9	.41	1.4	4.7	5.0	57	5.8	1.8	1.5	.60	.15
3	.67	.55	.28	1.4	4.4	5.1	698	5.8	1.7	1.3	.51	.06
4	.65	.41	.28	8.8	3.9	5.8	451	5.2	2.1	1.2	1.6	.01
5	.62	.36	.86	1.4	3.4	4.2	110	4.8	3.0	1.1	.46	.55
6	.50	.39	.59	.96	3.2	4.3	66	4.6	2.0	1.0	.29	1.7
7	.51	.31	.41	.79	3.2	4.3	52	4.4	1.6	.97	.22	1.5
8	.43	.27	.43	.78	3.5	3.3	50	4.3	1.7	.79	.22	1.3
9	1.1	.29	.39	2.0	3.3	3.1	42	4.2	1.7	.85	.31	.94
10	3.1	.28	1.0	5.3	2.5	22	37	4.1	1.6	.78	.27	.43
11	.86	.20	.53	2.2	2.4	76	34	4.0	1.2	.66	.31	.16
12	.64	.49	1.8	1.6	2.8	30	33	3.9	1.0	.54	.18	e.20
13	.56	.40	5.1	1.8	10	19	e30	3.6	1.4	.45	.22	e.17
14	.55	.65	1.2	1.5	e15	15	e26	3.4	1.2	.46	.19	e.13
15	.47	.66	.60	1.4	e10	12	e21	3.3	2.3	.39	.17	.10
16	.50	.80	.55	2.0	e7.0	13	e18	3.4	1.9	.38	.05	.06
17	.46	1.6	.54	2.2	e4.2	12	e23	3.2	2.3	.41	.04	.07
18	.58	1.6	.53	2.4	e4.5	9.9	e20	3.1	9.0	.56	.04	.08
19	.87	1.3	.55	1.9	3.7	312	e17	3.8	3.0	.49	.07	.06
20	.97	1.5	.45	1.7	3.1	242	e15	10	.96	.51	.10	.24
21	.82	1.1	1.2	1.5	3.7	60	13	3.7	.77	.43	.05	1.7
22	.83	.67	.93	3.2	3.5	38	11	3.6	2.4	.44	.06	.15
23	.78	.34	.75	7.1	2.3	29	10	4.0	1.5	.41	.07	1.4
24	.76	.27	.78	4.2	2.8	21	14	3.5	.95	.45	.02	.68
25	.89	.25	.74	3.5	2.4	18	11	3.2	4.0	.77	.06	.21
26	.84	.31	.74	3.1	2.1	17	9.4	3.7	2.4	1.3	.02	.07
27	.90	.29	.88	2.8	17	19	9.4	3.1	1.5	.59	.32	.02
28	.56	.30	1.8	3.0	8.4	15	11	2.9	1.4	.52	.42	.01
29	1.3	.25	2.1	11	6.8	12	8.4	2.5	4.7	.44	.22	.36
30	1.2	.23	1.9	8.7	---	11	7.2	2.3	2.3	e.62	.11	.47
31	1.0	---	1.7	6.8	---	10	---	2.1	---	e.78	.11	---
TOTAL	25.34	22.27	30.31	98.03	149.5	1053.8	1913.6	126.1	65.28	22.79	8.11	12.99
MEAN	.82	.74	.98	3.16	5.16	34.0	63.8	4.07	2.18	.74	.26	.43
MAX	3.1	3.3	5.1	11	17	312	698	10	9.0	1.7	1.6	1.7
MIN	.43	.20	.28	.78	2.1	3.1	7.2	2.1	.77	.38	.02	.01
CFSM	.06	.06	.08	.24	.40	2.61	4.91	.31	.17	.06	.02	.03
IN.	.07	.06	.09	.28	.43	3.02	5.48	.36	.19	.07	.02	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2000, BY WATER YEAR (WY)

MEAN	10.5	10.1	16.2	46.8	41.4	44.0	35.8	16.0	17.7	7.56	3.19	8.08
MAX	35.7	30.3	32.8	75.3	73.6	67.1	71.8	51.8	86.3	22.3	8.76	49.2
(WY)	1996	1996	1997	1998	1998	1994	1998	1997	1997	1997	1996	1996
MIN	.42	.49	.98	3.16	5.16	28.3	14.6	4.07	2.18	.74	.26	.43
(WY)	1999	1999	2000	2000	2000	1999	1997	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1992 - 2000	
ANNUAL TOTAL	5691.04		3528.12			
ANNUAL MEAN	15.6		9.64		21.3	
HIGHEST ANNUAL MEAN					30.1	1997
LOWEST ANNUAL MEAN					9.64	2000
HIGHEST DAILY MEAN	699	Jan 23	698	Apr 3	1040	Jan 7 1998
LOWEST DAILY MEAN	.20	Nov 11	.01	Sep 1, 4, 28	.01	Sep 1, 4, 28 2000
ANNUAL SEVEN-DAY MINIMUM	.27	Nov 24	.05	Aug 20	.05	Aug 20 2000
INSTANTANEOUS PEAK FLOW			*1620	Apr 3	*2470	May 3 1997
INSTANTANEOUS PEAK STAGE			9.24	Apr 3	11.37	May 3 1997
ANNUAL RUNOFF (CFSM)	1.20		.74		1.64	
ANNUAL RUNOFF (INCHES)	16.29		10.10		22.31	
10 PERCENT EXCEEDS	31		14		44	
50 PERCENT EXCEEDS	6.1		1.5		8.0	
90 PERCENT EXCEEDS	.54		.22		.79	

e Estimated
* From rating curve extended above 100 ft^3/s on basis of slope-area measurement

MOBILE RIVER BASIN

02449840 DUCK RIVER NEAR BERLIN, AL

LOCATION.--Lat 34°10'19", long 86°41'42", in NE$^1/_4$ 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 mi^2.
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. Missing data are due to equipment malfunctions or water elevation below orifice for the periods Oct. 1 to Jan. 19, Apr. 17-20, 26-28, May 12-15, July 23-30, Aug. 12-14, Aug. 16 to Sept. 12.
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, 13.17 ft, Apr. 3; minimum, not determined, stream has periods of no flow.

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	---	---	---	---	4.23	4.20	4.07	3.95	3.11	3.68	2.18	---
2	---	---	---	---	4.18	4.14	5.27	3.93	2.96	3.60	2.16	---
3	---	---	---	---	4.15	4.12	7.85	3.92	2.79	3.54	2.16	---
4	---	---	---	---	4.12	4.16	5.95	3.93	2.77	3.43	2.17	---
5	---	---	---	---	4.06	4.09	5.05	3.87	2.96	3.08	2.16	---
6	---	---	---	---	4.03	4.04	4.80	3.83	3.10	2.81	2.15	---
7	---	---	---	---	4.01	4.00	4.62	3.80	3.11	2.71	2.12	---
8	---	---	---	---	4.00	3.98	4.55	3.78	3.32	2.51	2.10	---
9	---	---	---	---	3.98	3.98	4.43	3.74	3.16	2.42	2.07	---
10	---	---	---	---	3.96	4.04	4.34	3.73	2.94	2.35	2.07	---
11	---	---	---	---	3.96	4.87	4.30	3.70	2.74	2.27	2.17	---
12	---	---	---	---	3.97	4.56	4.32	---	2.55	2.24	---	---
13	---	---	---	---	3.98	4.42	4.34	---	2.46	2.20	---	2.37
14	---	---	---	---	4.37	4.34	4.35	---	2.41	2.17	---	2.21
15	---	---	---	---	4.16	4.28	4.37	---	2.39	2.14	2.04	2.18
16	---	---	---	---	4.12	4.28	4.30	3.55	2.60	2.15	---	2.14
17	---	---	---	---	4.08	4.28	---	3.54	2.92	2.11	---	2.12
18	---	---	---	---	4.10	4.20	---	3.51	2.91	2.10	---	2.09
19	---	---	---	---	4.13	6.88	---	3.48	3.18	2.09	---	2.07
20	---	---	---	3.97	4.06	5.77	---	3.58	3.03	2.07	---	2.07
21	---	---	---	3.91	4.02	5.00	4.12	3.68	2.82	2.07	---	2.31
22	---	---	---	4.00	4.00	4.75	4.07	3.66	3.01	2.04	---	2.30
23	---	---	---	4.88	3.99	4.58	4.04	3.62	3.80	---	---	2.29
24	---	---	---	4.61	3.98	4.46	4.11	3.60	3.61	---	---	2.29
25	---	---	---	4.44	3.96	4.38	4.12	3.60	3.53	---	---	2.28
26	---	---	---	4.32	3.95	4.33	---	3.65	3.31	---	---	2.24
27	---	---	---	4.24	4.39	4.32	---	3.64	2.96	---	---	2.21
28	---	---	---	4.20	4.32	4.24	---	3.59	3.13	---	---	2.20
29	---	---	---	4.31	4.24	4.15	4.05	3.53	3.94	---	---	2.19
30	---	---	---	4.36	---	4.19	3.98	3.44	3.80	---	---	2.19
31	---	---	---	4.29	---	4.13	---	3.25	---	2.28	---	---
MEAN	---	---	---	---	4.09	4.42	---	---	3.04	---	---	---
MAX	---	---	---	---	4.39	6.88	---	---	3.94	---	---	---
MIN	---	---	---	---	3.95	3.98	---	---	2.39	---	---	---

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 mi^2.
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.--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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	31	19	36	498	484	499	287	57	142	55	20
2	22	319	20	35	435	425	3640	261	53	92	39	17
3	21	112	27	34	382	375	14800	241	50	72	38	18
4	22	46	24	532	354	437	15000	218	49	60	36	19
5	30	32	23	344	312	383	4180	199	61	51	32	18
6	23	31	26	172	275	327	2660	172	86	43	29	16
7	20	29	28	122	259	295	1930	154	80	41	26	19
8	20	25	25	100	247	276	1640	140	60	37	23	22
9	23	21	23	215	231	264	1270	131	53	34	22	18
10	56	22	36	1300	218	418	1030	128	50	30	23	18
11	80	22	73	761	210	2300	864	118	46	29	21	17
12	40	22	42	447	212	1360	810	105	44	31	20	17
13	27	22	180	352	230	927	807	101	41	29	19	134
14	23	21	181	303	765	739	855	92	47	26	19	53
15	21	21	111	238	531	624	768	82	58	25	20	27
16	20	20	74	212	412	571	660	74	46	27	20	20
17	20	20	58	253	364	717	729	72	81	34	20	17
18	19	20	48	245	333	546	681	65	73	27	20	16
19	16	21	46	220	372	7120	550	62	70	22	21	16
20	18	24	42	198	349	11100	482	110	82	21	25	15
21	18	27	46	176	300	3450	515	105	66	20	23	43
22	19	34	62	166	280	2270	436	100	64	20	20	56
23	19	26	62	1040	266	1670	377	81	102	19	18	46
24	19	23	52	1020	254	1290	464	88	81	19	19	70
25	18	24	49	672	241	1050	495	81	68	17	20	54
26	17	24	46	517	226	946	394	263	83	17	19	29
27	19	24	43	415	728	931	329	173	74	19	21	22
28	24	24	40	359	786	829	427	109	55	20	20	20
29	21	23	39	518	562	655	422	87	221	19	21	18
30	20	21	38	726	---	626	335	73	290	25	20	16
31	19	---	37	583	---	589	---	63	---	131	20	---
TOTAL	759	1131	1620	12311	10632	43994	58049	4035	2291	1199	749	891
MEAN	24.5	37.7	52.3	397	367	1419	1935	130	76.4	38.7	24.2	29.7
MAX	80	319	181	1300	786	11100	15000	287	290	142	55	134
MIN	16	20	19	34	210	264	329	62	41	17	18	15
CFSM	.07	.10	.14	1.09	1.00	3.89	5.30	.36	.21	.11	.07	.08
IN.	.08	.12	.17	1.25	1.08	4.48	5.92	.41	.23	.12	.08	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2000, BY WATER YEAR (WY)

MEAN	171	370	798	1405	1534	1515	1064	534	265	282	161	130
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1929 - 2000	
ANNUAL TOTAL	209951		137661			
ANNUAL MEAN	575		376		682	
HIGHEST ANNUAL MEAN					1063	1973
LOWEST ANNUAL MEAN					280	1986
HIGHEST DAILY MEAN	15700	Jan 23	15000	Apr 4	45900	Feb 16 1990
LOWEST DAILY MEAN	16	Oct 19	15	Sep 20	3.0	Sep 28 1931
ANNUAL SEVEN-DAY MINIMUM	18	Oct 19	18	Oct 19	3.1	Sep 28 1931
INSTANTANEOUS PEAK FLOW			36700	Apr 3	66500	Feb 16 1990
INSTANTANEOUS PEAK STAGE			19.14	Apr 3	25.04	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.58		1.03		1.87	
ANNUAL RUNOFF (INCHES)	21.40		14.03		25.38	
10 PERCENT EXCEEDS	1490		727		1620	
50 PERCENT EXCEEDS	183		59		229	
90 PERCENT EXCEEDS	21		19		19	

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 mi^2.
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: June 6, July 26, 27, Sept. 12-14. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	28	26	48	669	659	670	416	77	238	110	18
2	22	127	26	49	582	580	3260	367	64	148	55	17
3	27	251	26	49	513	521	9550	338	60	109	40	16
4	29	101	30	505	464	580	22400	310	61	78	40	17
5	28	53	37	630	412	556	12400	282	84	63	42	17
6	30	38	38	312	360	466	3810	252	e97	55	31	18
7	29	34	37	213	327	405	2500	221	114	47	27	17
8	23	35	37	168	311	365	2030	201	87	43	26	16
9	23	30	39	183	292	345	1670	185	67	40	24	20
10	46	27	44	1170	274	834	1350	180	59	39	23	21
11	80	26	55	1240	261	4530	1110	168	57	36	21	20
12	84	29	83	642	257	2370	995	154	52	33	20	e18
13	47	23	187	485	266	1480	970	140	51	31	17	e19
14	32	29	326	416	919	1110	1100	130	42	34	15	e150
15	28	29	197	324	809	906	1040	116	54	31	14	51
16	26	27	132	280	584	792	868	105	65	30	15	30
17	25	27	91	288	509	927	866	95	53	33	15	21
18	24	25	72	317	452	773	927	92	111	35	16	17
19	22	26	68	285	483	4910	725	83	86	34	16	15
20	25	31	62	255	504	16000	634	158	84	24	16	15
21	19	34	66	234	415	7100	626	191	90	22	16	21
22	19	36	84	216	376	2970	579	160	81	25	23	40
23	20	41	95	694	352	2120	506	132	97	22	18	64
24	21	38	86	1350	334	1650	548	108	110	23	15	66
25	22	31	72	853	312	1360	645	121	93	23	16	78
26	21	32	66	653	291	1200	543	248	85	e22	17	58
27	20	32	60	535	786	1140	448	431	92	e21	16	35
28	21	31	61	457	1190	1110	520	197	95	20	23	26
29	21	29	55	627	792	876	583	143	90	23	23	22
30	27	28	52	1030	---	780	489	111	342	40	20	20
31	22	---	50	810	---	782	---	91	---	101	19	---
TOTAL	908	1328	2360	15318	14096	60197	74362	5926	2600	1523	789	963
MEAN	29.3	44.3	76.1	494	486	1942	2479	191	86.7	49.1	25.5	32.1
MAX	84	251	326	1350	1190	16000	22400	431	342	238	110	150
MIN	19	23	26	48	257	345	448	83	42	20	14	15
CFSM	.06	.09	.16	1.01	1.00	3.99	5.09	.39	.18	.10	.05	.07
IN.	.07	.10	.18	1.17	1.08	4.60	5.68	.45	.20	.12	.06	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2000, BY WATER YEAR (WY)

MEAN	330	568	992	1735	1823	1969	1499	759	442	283	116	178
MAX	1973	2375	2635	3188	6623	5629	3809	2659	3104	2005	657	658
(WY)	1978	1978	1984	1982	1990	1980	1979	1991	1997	1989	1985	1980
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1977 - 2000	
ANNUAL TOTAL	263294		180370			
ANNUAL MEAN	721		493		887	
HIGHEST ANNUAL MEAN					1305	1980
LOWEST ANNUAL MEAN					368	1986
HIGHEST DAILY MEAN	12300	Jan 23	22400	Apr 4	44000	Feb 16 1990
LOWEST DAILY MEAN	18	Sep 17	14	Aug 15	13	Aug 15 1977
ANNUAL SEVEN-DAY MINIMUM	20	Oct 21	15	Aug 14	15	Sep 11 1980 Aug 14 2000
INSTANTANEOUS PEAK FLOW			25100	Apr 4	51700	Feb 16 1990
INSTANTANEOUS PEAK STAGE			33.16	Apr 4	42.90	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.48		1.01		1.82	
ANNUAL RUNOFF (INCHES)	20.11		13.78		24.73	
10 PERCENT EXCEEDS	1800		910		2030	
50 PERCENT EXCEEDS	240		83		350	
90 PERCENT EXCEEDS	25		20		28	

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 mi^2.
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: Oct. 27 to Nov. 2. Records good except those of estimated periods, which are poor.

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	4.6	e10	8.6	10	126	103	62	71	8.6	11	5.7	.88
2	3.9	e60	8.2	10	90	80	2070	63	7.5	8.5	5.7	.77
3	3.6	17	8.4	14	72	68	4420	55	7.4	7.3	8.7	.71
4	3.7	9.2	8.6	192	62	65	2390	49	11	6.7	8.7	.65
5	3.9	6.7	9.2	76	48	53	845	43	17	6.1	11	.68
6	3.9	5.7	11	44	40	46	494	40	15	5.4	8.4	1.1
7	4.3	5.1	9.9	33	37	40	335	34	11	5.2	6.1	1.3
8	6.6	4.8	8.5	28	35	37	286	30	8.3	4.7	5.2	1.2
9	13	4.6	8.5	112	32	37	223	28	7.5	4.2	4.7	1.2
10	18	4.3	20	159	30	44	195	27	6.9	4.0	5.0	1.4
11	11	4.8	20	82	30	659	170	24	6.4	3.8	5.5	1.3
12	6.7	5.8	19	53	28	338	213	22	5.9	3.7	3.7	1.3
13	4.5	6.0	326	46	28	213	709	20	6.7	4.4	2.6	1.3
14	4.0	6.2	95	34	68	154	945	17	7.5	4.3	1.5	1.2
15	3.6	6.0	44	29	58	123	522	15	6.7	4.6	1.3	1.1
16	3.6	6.0	28	28	50	137	349	14	12	7.8	1.3	.99
17	3.7	5.9	22	30	47	202	270	13	16	5.6	1.3	.87
18	3.9	6.0	18	29	51	153	209	12	15	3.9	1.2	.75
19	3.8	6.2	17	27	65	1450	171	12	20	3.8	1.1	.67
20	3.7	12	15	25	67	1890	144	12	26	3.8	.87	.63
21	3.8	18	16	21	62	649	138	13	61	4.5	.80	2.8
22	3.9	11	17	25	59	384	115	13	41	3.9	.79	2.2
23	3.8	8.5	15	127	54	268	99	12	30	4.2	.75	2.8
24	3.7	9.6	14	140	49	205	102	12	18	4.4	.68	8.9
25	3.7	15	13	93	45	163	92	15	13	4.2	.66	4.4
26	3.7	20	12	64	42	141	69	19	11	3.5	.72	3.0
27	e3.9	16	12	48	149	131	62	14	9.0	3.2	.83	2.5
28	e4.0	12	12	42	144	113	136	18	9.9	3.0	.81	2.0
29	e3.9	10	11	148	122	89	110	15	14	3.5	.94	1.5
30	e3.8	9.1	11	248	---	78	85	11	17	4.4	.98	1.5
31	e3.8	---	11	176	---	68	---	9.9	---	4.8	.91	---
TOTAL	156.0	321.5	848.9	2193	1790	8181	16030	752.9	446.3	152.4	98.44	51.60
MEAN	5.03	10.7	27.4	70.7	61.7	264	534	24.3	14.9	4.92	3.18	1.72
MAX	18	60	326	248	149	1890	4420	71	61	11	11	8.9
MIN	3.6	4.3	8.2	10	28	37	62	9.9	5.9	3.0	.66	.63
CFSM	.05	.12	.30	.77	.67	2.87	5.80	.26	.16	.05	.03	.02
IN.	.06	.13	.34	.89	.72	3.30	6.47	.30	.18	.06	.04	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2000, BY WATER YEAR (WY)

MEAN	37.9	92.8	230	324	327	370	258	190	80.9	35.9	17.9	29.3
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	3.64	5.22	27.4	28.9	61.7	57.8	26.3	18.4	2.65	4.92	3.18	1.72
(WY)	1969	1979	2000	1986	2000	1988	1986	1988	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1967 - 2000	
ANNUAL TOTAL	55601.6		31022.04			
ANNUAL MEAN	152		84.8		165	
HIGHEST ANNUAL MEAN					277	1980
LOWEST ANNUAL MEAN					52.6	1986
HIGHEST DAILY MEAN	8270	Jan 23	4420	Apr 3	15200	Mar 16 1973
LOWEST DAILY MEAN	2.1	Sep 17, 18	.63	Sep 20	.63	Sep 20 2000
ANNUAL SEVEN-DAY MINIMUM	2.4	Sep 15	.75	Aug 21	.75	Aug 21 2000
INSTANTANEOUS PEAK FLOW			6970	Apr 3	20300	Mar 16 1973
INSTANTANEOUS PEAK STAGE			25.04	Apr 3	44.27	Mar 16 1973
ANNUAL RUNOFF (CFSM)	1.65		.92		1.80	
ANNUAL RUNOFF (INCHES)	22.46		12.53		24.41	
10 PERCENT EXCEEDS	338		150		364	
50 PERCENT EXCEEDS	30		12		49	
90 PERCENT EXCEEDS	3.7		1.4		5.7	

e Estimated

02450825 CLEAR CREEK AT NEW HOPE CHURCH NEAR POPLAR SPRING, AL

LOCATION.--Lat 34°04'52", long 87°25'22", in NE$^1/_4$SE$^1/_4$ 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 mi^2.
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: Oct. 30 to Nov. 2, May 5-8. 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 ft^3/s. Flood of Mar. 5, 1983 reached gage height of 15.74 ft, discharge, 9,680 ft^3/s.

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	28	e60	36	41	184	101	100	102	33	48	24	9.8
2	27	e200	34	39	143	91	1530	100	31	41	79	9.0
3	25	99	34	44	123	83	4580	97	31	36	56	9.1
4	25	55	34	168	110	81	2940	90	37	32	49	8.9
5	24	44	37	128	93	73	833	e86	57	30	69	11
6	23	41	44	88	83	66	553	e78	68	27	35	9.9
7	24	39	44	73	79	62	425	e75	45	26	28	11
8	24	38	39	65	75	59	379	e72	37	24	24	14
9	53	37	36	266	70	59	310	69	33	23	20	15
10	99	35	57	319	68	128	264	67	31	22	19	16
11	65	36	72	167	67	380	225	63	28	23	17	14
12	37	35	56	116	65	261	223	59	27	24	15	13
13	29	36	407	95	63	178	343	56	31	35	15	15
14	25	36	206	79	105	140	528	52	37	31	15	14
15	23	34	111	67	91	119	412	49	34	22	14	13
16	24	34	80	64	76	127	336	48	73	25	13	11
17	24	36	66	72	75	186	302	46	83	21	13	10
18	24	35	59	79	74	145	252	44	57	18	12	10
19	24	35	58	72	91	827	211	42	61	17	10	9.7
20	24	41	55	68	84	1370	186	47	100	15	9.5	9.7
21	24	78	59	65	76	554	220	54	102	15	9.0	31
22	25	52	72	71	73	378	174	57	195	15	9.8	51
23	24	39	62	241	70	286	156	50	170	17	10	30
24	24	39	56	219	68	221	158	48	83	20	9.5	22
25	24	51	52	147	66	179	149	45	60	19	9.5	21
26	25	61	48	117	65	167	121	44	51	15	9.5	20
27	25	55	48	97	151	161	112	46	46	13	11	18
28	26	46	47	89	140	146	159	45	44	12	11	16
29	26	41	45	279	113	123	134	51	63	22	11	13
30	e25	37	45	362	---	123	112	41	63	36	11	13
31	e26	---	43	252	---	110	---	36	---	33	9.7	---
TOTAL	925	1505	2142	4049	2641	6984	16427	1859	1811	757	647.5	468.1
MEAN	29.8	50.2	69.1	131	91.1	225	548	60.0	60.4	24.4	20.9	15.6
MAX	99	200	407	362	184	1370	4580	102	195	48	79	51
MIN	23	34	34	39	63	59	100	36	27	12	9.0	8.9
CFSM	.30	.50	.68	1.29	.90	2.23	5.42	.59	.60	.24	.21	.15
IN.	.34	.55	.79	1.49	.97	2.57	6.05	.68	.67	.28	.24	.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2000, BY WATER YEAR (WY)

MEAN	73.0	139	210	392	333	316	284	185	162	97.1	55.5	39.3
MAX	142	237	322	741	607	424	548	644	650	163	120	77.9
(WY)	1998	1981	1997	1999	1994	1994	2000	1997	1997	1998	1998	1996
MIN	29.8	50.2	69.1	98.7	91.1	225	160	60.0	58.4	24.4	20.9	15.6
(WY)	2000	2000	2000	1981	2000	2000	1997	2000	1981	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1981 - 2000	
ANNUAL TOTAL	66830		40215.6			
ANNUAL MEAN	183		110		190	
HIGHEST ANNUAL MEAN					294	1997
LOWEST ANNUAL MEAN					110	2000
HIGHEST DAILY MEAN	9830	Jan 23	4580	Apr 3	9830	Jan 23 1999
LOWEST DAILY MEAN	16	Aug 31 to Sep 4	8.9	Sep 4	8.9	Sep 4 2000
ANNUAL SEVEN-DAY MINIMUM	16	Aug 30	9.5	Aug 20	9.5	Aug 20 2000
INSTANTANEOUS PEAK FLOW			6580	Apr 3	11500	Jan 23 1999
INSTANTANEOUS PEAK STAGE			12.04	Apr 3	17.74	Jan 23 1999
ANNUAL RUNOFF (CFSM)	1.81		1.09		1.88	
ANNUAL RUNOFF (INCHES)	24.61		14.81		25.53	
10 PERCENT EXCEEDS	361		202		391	
50 PERCENT EXCEEDS	84		50		101	
90 PERCENT EXCEEDS	23		14		28	

e Estimated

MOBILE RIVER BASIN

02453000 BLACKWATER CREEK NEAR MANCHESTER, AL

LOCATION.--Lat 33°54'30", long 87°15'25", in SE$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	36	49	54	344	222	218	144	27	68	129	5.5
2	14	38	46	52	263	190	1230	126	25	50	67	6.0
3	14	170	44	55	211	166	3080	115	23	37	47	5.8
4	16	138	44	471	182	172	3830	128	24	30	33	7.0
5	17	89	45	309	158	176	4420	107	27	26	30	6.6
6	17	65	45	178	139	153	4180	94	36	24	44	6.3
7	17	53	46	121	124	135	2230	92	37	23	33	5.5
8	18	47	52	93	112	121	830	83	34	21	28	5.4
9	20	44	52	147	105	113	636	75	30	20	29	5.2
10	25	42	59	488	100	357	493	68	27	19	28	6.0
11	27	41	58	418	95	2030	407	64	24	18	21	4.4
12	38	40	89	253	94	1680	360	60	22	16	19	3.7
13	26	39	93	184	97	880	388	55	20	16	17	3.5
14	18	39	185	147	157	515	539	50	20	21	15	3.9
15	15	38	199	117	156	387	625	46	20	21	12	4.2
16	14	38	127	99	143	329	518	42	23	21	9.6	4.4
17	13	38	94	104	120	315	440	39	27	21	8.1	4.1
18	12	38	80	137	108	317	408	37	52	19	6.9	3.9
19	12	38	71	146	146	1560	337	36	54	17	6.2	3.5
20	12	44	67	134	157	2790	285	37	195	17	5.4	3.0
21	14	46	77	113	143	2580	254	35	271	16	4.7	5.0
22	16	53	77	100	125	2010	230	35	156	14	4.3	4.1
23	17	65	86	167	113	910	203	37	88	13	3.9	3.6
24	19	58	81	282	107	542	214	36	72	12	3.5	3.3
25	20	53	72	261	101	422	218	40	54	13	3.0	4.2
26	20	53	65	204	96	354	186	45	40	12	2.7	7.3
27	21	66	61	163	295	343	157	35	35	11	2.9	6.4
28	22	69	58	144	351	364	182	33	32	11	3.5	5.5
29	22	61	57	261	284	302	208	31	44	11	3.9	5.0
30	24	54	56	497	---	262	175	30	75	13	4.1	4.8
31	25	---	55	475	---	250	---	29	---	14	4.8	---
TOTAL	579	1693	2290	6374	4626	20947	27481	1884	1614	645	629.5	147.1
MEAN	18.7	56.4	73.9	206	160	676	916	60.8	53.8	20.8	20.3	4.90
MAX	38	170	199	497	351	2790	4420	144	271	68	129	7.3
MIN	12	36	44	52	94	113	157	29	20	11	2.7	3.0
CFSM	.10	.31	.41	1.14	.88	3.73	5.06	.34	.30	.11	.11	.03
IN.	.12	.35	.47	1.31	.95	4.31	5.65	.39	.33	.13	.13	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

MEAN	55.3	171	346	621	750	723	554	273	140	118	66.6	61.1
MAX	245	1424	1428	1638	1886	2005	1902	1581	1212	961	231	392
(WY)	1996	1958	1968	1949	1961	1980	1964	1991	1997	1940	1939	1946
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	94470.0		68909.6			
ANNUAL MEAN	259		188		321	
HIGHEST ANNUAL MEAN					578	1991
LOWEST ANNUAL MEAN					141	1941
HIGHEST DAILY MEAN	4140	Jan 25	4420	Apr 5	10400	Feb 23 1961
LOWEST DAILY MEAN	5.6	Sep 5	2.7	Aug 26	1.3	Oct 25 1938
ANNUAL SEVEN-DAY MINIMUM	6.3	Sep 1	3.3	Aug 23	1.7	Oct 20 1963
INSTANTANEOUS PEAK FLOW			4550	Apr 5	10600	Feb 23 1961
INSTANTANEOUS PEAK STAGE			8.61	Apr 5	13.10	Feb 23 1961
ANNUAL RUNOFF (CFSM)	1.43		1.04		1.77	
ANNUAL RUNOFF (INCHES)	19.42		14.16		24.10	
10 PERCENT EXCEEDS	577		355		822	
50 PERCENT EXCEEDS	77		52		108	
90 PERCENT EXCEEDS	12		6.0		15	

MOBILE RIVER BASIN

02453500 MULBERRY FORK AT CORDOVA, AL

LOCATION.--Lat 33°45'27", long 87°10'13", in NW$^1/_4$ 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 mi^2.
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.
GAGE.--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, 19.58 ft, Apr. 4; minimum, 10.24 ft, May 14.

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	10.88	---	---	11.20	11.52	11.41	11.04	11.58	11.36	11.07	11.27	10.99
2	10.91	---	---	11.21	11.39	11.32	12.24	11.46	11.28	11.00	11.30	10.98
3	10.87	---	---	11.27	11.48	11.21	16.37	11.01	11.09	10.99	11.30	10.92
4	10.83	---	11.00	11.45	11.51	11.40	19.23	10.80	10.98	11.03	11.12	10.88
5	10.91	---	10.97	11.46	11.51	11.49	18.18	10.83	11.10	11.03	11.17	10.91
6	10.87	---	10.97	11.34	11.49	11.43	14.93	10.97	11.24	11.08	11.21	10.99
7	10.83	---	10.95	11.12	11.40	11.41	13.26	11.08	11.30	11.13	11.24	11.04
8	10.88	---	10.97	11.12	11.16	11.39	13.71	11.16	11.31	11.09	11.27	11.07
9	10.92	---	10.99	11.10	11.12	11.37	13.60	11.11	11.34	11.06	11.31	11.04
10	11.01	---	11.07	11.49	11.18	11.96	13.53	11.15	11.25	11.07	11.31	10.99
11	10.92	---	11.12	11.38	11.16	14.69	13.24	11.11	11.09	11.08	11.29	10.96
12	10.89	---	11.15	11.04	11.17	12.38	13.20	11.03	11.05	11.08	11.16	10.96
13	10.90	---	11.32	11.26	11.24	11.76	12.66	10.85	10.98	11.02	11.09	10.96
14	10.88	---	11.29	11.25	11.42	11.57	11.88	10.62	11.01	10.97	11.03	10.95
15	---	---	11.22	11.40	11.43	11.40	12.17	10.47	11.01	10.93	10.92	10.93
16	---	---	11.20	11.46	11.33	11.06	12.23	10.46	11.02	10.90	10.92	10.81
17	---	---	11.24	11.28	11.24	11.15	12.06	10.48	10.95	10.91	10.95	10.73
18	---	---	11.28	11.40	11.10	11.49	11.98	10.45	10.93	10.96	10.97	10.73
19	---	---	11.41	11.40	11.07	13.77	11.98	10.45	11.05	11.04	10.89	10.76
20	---	---	11.35	11.44	11.18	17.61	11.92	10.54	11.22	11.12	10.82	10.74
21	---	---	11.29	11.43	11.27	15.21	11.83	10.70	11.29	11.26	10.80	10.73
22	---	---	---	11.45	11.22	12.37	11.52	10.80	11.20	11.20	10.89	10.79
23	---	---	---	11.44	11.41	11.72	11.08	10.82	11.10	11.17	11.02	10.91
24	---	---	---	11.70	11.41	11.62	11.00	10.88	11.00	11.10	11.08	10.89
25	---	---	---	11.52	11.33	11.50	11.18	11.04	11.01	10.95	11.08	10.87
26	---	---	---	11.59	11.28	11.47	11.50	11.33	11.03	10.84	10.99	10.80
27	---	---	---	11.27	11.13	11.44	11.45	11.52	11.01	10.85	10.95	10.89
28	---	---	---	11.22	11.43	11.40	11.59	11.49	10.96	10.98	10.95	10.94
29	---	---	---	11.49	11.53	11.32	11.65	11.34	10.99	11.06	11.00	10.94
30	---	---	11.22	11.54	---	11.26	11.57	11.31	11.06	11.06	11.03	10.84
31	---	---	11.18	11.41	---	11.24	---	11.34	---	11.21	11.04	---
MEAN	---	---	---	11.36	11.31	11.99	12.79	10.97	11.11	11.04	11.08	10.90
MAX	---	---	---	11.70	11.53	17.61	19.23	11.58	11.36	11.26	11.31	11.07
MIN	---	---	---	11.04	11.07	11.06	11.00	10.45	10.93	10.84	10.80	10.73

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 mi^2.
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: Jan. 9, 10, 22, 23, 28-30, Mar. 9-11, 18-21, 30, Apr. 1-4, 13, 14, May 8-13, June 12-15. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.4	18	18	19	295	195	e245	106	25	15	127	7.8
2	10	190	15	19	221	156	e800	96	24	15	166	7.7
3	10	146	14	19	179	139	e4800	96	23	14	55	7.5
4	9.7	53	16	857	156	216	e6400	92	23	14	36	7.1
5	11	34	15	445	134	179	3040	81	25	14	26	6.7
6	9.8	24	15	190	115	139	801	75	36	13	24	8.3
7	9.3	20	19	123	105	119	559	72	32	13	22	8.6
8	9.4	17	15	92	100	112	473	e67	28	12	18	10
9	11	16	8.9	e180	92	e95	426	e62	24	12	15	12
10	15	17	18	e550	87	e1000	344	e57	21	12	14	12
11	22	17	24	328	82	e5600	303	e54	20	12	13	11
12	14	17	29	191	82	2700	273	e52	e19	12	12	9.9
13	13	16	34	139	81	634	e280	e49	e18	12	11	9.1
14	17	16	53	113	169	435	e380	45	e17	12	11	8.2
15	16	16	53	88	151	345	340	42	e17	10	10	7.3
16	15	15	36	77	118	297	297	40	18	9.9	9.9	6.1
17	15	17	27	84	107	270	263	38	19	9.9	9.6	5.2
18	14	19	25	217	98	e229	245	37	28	10	9.6	4.2
19	13	19	30	204	128	e2000	204	36	52	11	9.4	3.6
20	14	18	27	157	163	e4800	177	39	23	9.8	9.2	3.8
21	13	23	30	127	134	e1700	158	40	20	11	9.1	5.0
22	15	23	50	e120	120	615	147	36	20	9.6	9.1	5.6
23	15	22	51	e200	106	453	135	35	23	9.0	9.0	5.7
24	14	21	42	297	97	367	135	34	20	8.8	8.9	6.6
25	13	19	33	215	91	312	146	34	19	8.5	8.8	5.8
26	13	18	27	169	81	289	122	50	18	8.9	8.5	6.2
27	15	16	25	138	307	294	107	40	17	8.7	8.5	6.0
28	14	16	23	e120	420	318	141	33	16	8.2	8.4	5.1
29	13	16	22	e400	260	263	168	30	17	8.1	8.5	4.4
30	12	16	21	e800	---	e280	127	28	16	7.9	8.4	4.0
31	13	---	20	426	---	306	---	27	---	9.3	8.0	---
TOTAL	407.6	895	835.9	7104	4279	24857	22036	1623	678	340.6	702.9	210.5
MEAN	13.1	29.8	27.0	229	148	802	735	52.4	22.6	11.0	22.7	7.02
MAX	22	190	53	857	420	5600	6400	106	52	15	166	12
MIN	9.3	15	8.9	19	81	95	107	27	16	7.9	8.0	3.6
CFSM	.09	.21	.19	1.60	1.03	5.61	5.14	.37	.16	.08	.16	.05
IN.	.11	.23	.22	1.85	1.11	6.47	5.73	.42	.18	.09	.18	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2000, BY WATER YEAR (WY)

MEAN	70.4	164	305	647	484	626	388	200	169	92.2	53.5	39.1
MAX	187	384	508	1017	824	1140	735	545	829	246	118	113
(WY)	1996	1993	1996	1998	1994	1994	2000	1997	1997	1997	1998	1996
MIN	9.53	29.8	27.0	229	148	386	118	52.4	22.6	11.0	19.0	7.02
(WY)	1994	2000	2000	2000	2000	1993	1997	2000	2000	2000	1999	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1993 - 2000	
ANNUAL TOTAL	71615.7		63969.5			
ANNUAL MEAN	196		175		269	
HIGHEST ANNUAL MEAN					355	1997
LOWEST ANNUAL MEAN					175	2000
HIGHEST DAILY MEAN	4880	Jan 24	6400	Apr 4	9170	Mar 29 1994
LOWEST DAILY MEAN	5.1	Sep 7	3.6	Sep 19	3.6	Sep 19 2000
ANNUAL SEVEN-DAY MINIMUM	7.7	Sep 24	4.7	Sep 17	4.7	Sep 17 2000
INSTANTANEOUS PEAK FLOW			6650	Apr 4	10600	Mar 28 1994
INSTANTANEOUS PEAK STAGE			23.14	Apr 4	29.48	Mar 28 1994
ANNUAL RUNOFF (CFSM)	1.37		1.22		1.88	
ANNUAL RUNOFF (INCHES)	18.63		16.64		25.56	
10 PERCENT EXCEEDS	421		299		541	
50 PERCENT EXCEEDS	54		24		108	
90 PERCENT EXCEEDS	12		8.8		17	

e Estimated

MOBILE RIVER BASIN

02454995 GRAVES CREEK BELOW BLOUNTSVILLE, AL

LOCATION.--Lat 34°02'42", long 86°34'19", in SE$^1/_4$ sec. 30, T. 11 S., R. 1 E., Blount County, Hydrologic Unit 03160111, on right bank 2.7 mi southeast of Blountsville, and 1.1 mi from mouth.
DRAINAGE AREA.--13.0 mi^2.
PERIOD OF RECORD.--October 1997 to April 2000 (discontinued).
GAGE.--Water-stage recorder. Datum of gage is 725 ft above sea level (from topographic map).
REMARKS.--No estimated daily discharges. Records good.
EXTREMES FOR OCTOBER 1, 1999 TO APRIL 30, 2000.--Maximum discharge, 1,140 ft^3/s, Apr. 3, gage height, 6.84 ft; minimum daily discharge, 1.4 ft^3/s, Nov. 30, Dec. 1.

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	2.3	4.5	1.4	6.7	13	11	17	---	---	---	---	---
2	2.5	6.8	2.1	5.0	11	9.3	117	---	---	---	---	---
3	2.8	3.6	2.3	4.7	10	9.5	571	---	---	---	---	---
4	2.9	2.7	2.4	26	9.2	11	506	---	---	---	---	---
5	2.3	2.1	3.9	7.8	8.2	9.8	117	---	---	---	---	---
6	2.5	2.1	3.1	5.1	8.1	7.8	73	---	---	---	---	---
7	2.4	2.8	3.4	4.4	7.6	7.2	56	---	---	---	---	---
8	2.4	2.4	2.9	4.3	7.1	6.5	52	---	---	---	---	---
9	3.2	2.0	2.8	8.7	7.0	6.5	42	---	---	---	---	---
10	5.4	2.1	4.1	25	7.1	26	34	---	---	---	---	---
11	3.5	2.0	4.1	11	7.5	117	32	---	---	---	---	---
12	2.8	2.1	5.3	7.3	8.1	44	34	---	---	---	---	---
13	2.5	3.2	20	6.6	9.4	29	31	---	---	---	---	---
14	2.6	3.3	11	6.0	15	21	32	---	---	---	---	---
15	2.5	2.4	7.0	6.7	9.8	16	31	---	---	---	---	---
16	2.6	2.1	5.9	6.2	8.2	21	26	---	---	---	---	---
17	3.1	2.4	5.1	8.1	7.6	31	31	---	---	---	---	---
18	2.8	2.5	5.7	7.1	8.2	19	23	---	---	---	---	---
19	2.5	2.4	6.4	6.3	10	221	20	---	---	---	---	---
20	2.6	3.2	5.6	5.9	6.9	269	17	---	---	---	---	---
21	2.6	2.7	7.1	5.9	6.0	76	32	---	---	---	---	---
22	2.6	3.1	6.7	8.6	5.4	50	21	---	---	---	---	---
23	2.7	2.7	6.1	24	5.3	41	18	---	---	---	---	---
24	3.2	2.7	6.5	15	6.5	34	27	---	---	---	---	---
25	2.6	2.6	5.9	11	4.7	30	27	---	---	---	---	---
26	2.1	3.3	5.6	9.0	5.1	29	19	---	---	---	---	---
27	2.6	3.4	4.5	7.7	42	30	15	---	---	---	---	---
28	2.6	2.8	3.9	8.4	21	25	24	---	---	---	---	---
29	2.6	1.7	3.6	31	14	20	17	---	---	---	---	---
30	3.0	1.4	3.8	27	---	18	14	---	---	---	---	---
31	3.4	---	5.0	17	---	16	---	---	---	---	---	---
TOTAL	86.2	83.1	163.2	333.5	289.0	1261.6	2076	---	---	---	---	---
MEAN	2.78	2.77	5.26	10.8	9.97	40.7	69.2	---	---	---	---	---
MAX	5.4	6.8	20	31	42	269	571	---	---	---	---	---
MIN	2.1	1.4	1.4	4.3	4.7	6.5	14	---	---	---	---	---
CFSM	.21	.21	.40	.83	.77	3.13	5.32	---	---	---	---	---
IN.	.25	.24	.47	.95	.83	3.61	5.94	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

MEAN	9.38	5.75	14.4	50.5	44.0	49.4	57.6	21.7	26.9	8.80	4.67	2.61
MAX	23.2	11.6	22.1	85.3	77.2	60.3	74.8	23.6	40.8	13.6	5.55	3.18
(WY)	1998	1998	1998	1998	1998	1998	1998	1999	1999	1999	1999	1999
MIN	2.15	2.77	5.26	10.8	9.97	40.7	28.9	19.9	13.0	4.05	3.79	2.05
(WY)	1999	2000	2000	2000	2000	2000	1999	1998	1998	1998	1998	1998

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		WATER YEARS 1998 - 2000	
ANNUAL TOTAL	8325.7			
ANNUAL MEAN	22.8		28.2	
HIGHEST ANNUAL MEAN			32.8	1998
LOWEST ANNUAL MEAN			23.7	1999
HIGHEST DAILY MEAN	507	Jun 28	902	Jan 7 1998
LOWEST DAILY MEAN	1.4	Nov 30, Dec 1	1.4	Nov, Dec 1999
ANNUAL SEVEN-DAY MINIMUM	2.0	Nov 28	1.8	Sep 4 1998
INSTANTANEOUS PEAK FLOW			1830	Jan 7 1998
INSTANTANEOUS PEAK STAGE			7.48	Jan 7 1998
ANNUAL RUNOFF (CFSM)	1.75		2.17	
ANNUAL RUNOFF (INCHES)	23.82		29.52	
10 PERCENT EXCEEDS	49		55	
50 PERCENT EXCEEDS	8.3		9.4	
90 PERCENT EXCEEDS	2.6		2.4	

MOBILE RIVER BASIN

02455000 LOCUST FORK NEAR CLEVELAND, AL

LOCATION.--Lat 34°01'28", long 86°34'27", in NE$^1/_4$ 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 mi^2.
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: Apr. 16-20. Records good.

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	12	12	14	24	336	356	323	196	31	100	21	17
2	12	29	13	26	287	302	1180	167	28	55	298	15
3	12	135	14	25	250	265	6630	153	28	40	164	14
4	13	56	14	100	229	262	11500	150	29	31	63	13
5	13	30	16	306	203	268	4370	136	35	25	42	12
6	13	22	18	155	180	227	2220	118	132	22	27	12
7	14	17	19	104	166	199	1480	105	110	21	21	11
8	13	15	20	79	155	184	1170	92	62	16	17	9.9
9	14	15	19	95	149	173	933	80	45	14	14	8.7
10	21	14	22	462	141	201	752	74	37	14	13	10
11	23	12	26	491	137	2030	645	71	34	13	13	11
12	38	12	27	282	131	1790	594	67	30	12	12	10
13	28	11	51	211	132	1210	550	62	31	10	11	12
14	21	11	43	170	187	738	527	57	26	9.0	11	12
15	17	11	35	143	280	558	495	51	23	8.4	10	12
16	14	11	31	132	225	481	e490	47	24	7.8	9.9	11
17	13	12	28	139	193	636	e560	43	28	9.6	9.1	11
18	12	12	27	133	182	519	e520	41	35	8.5	7.9	9.8
19	9.9	13	29	123	184	1170	e450	40	38	8.0	6.8	9.3
20	8.7	18	26	114	194	5650	e370	123	260	8.3	6.4	9.7
21	8.9	16	27	102	185	2810	458	231	103	7.8	5.9	11
22	10	15	30	104	165	1500	383	148	64	7.4	6.0	39
23	9.7	15	29	288	158	993	300	90	47	6.4	5.5	46
24	9.4	16	31	531	148	773	313	72	50	6.2	5.4	32
25	9.4	16	32	374	140	630	382	66	40	5.6	5.7	47
26	8.8	17	32	287	132	555	332	64	34	5.7	5.8	40
27	9.0	16	30	235	313	518	247	56	26	6.6	6.7	29
28	11	15	25	205	691	484	291	51	24	6.4	9.2	23
29	10	15	23	239	460	408	364	46	41	8.7	21	19
30	9.9	14	23	398	---	373	251	41	126	10	28	19
31	9.8	---	23	400	---	364	---	35	---	24	22	---
TOTAL	427.5	623	797	6477	6333	26627	39080	2773	1621	527.4	898.3	535.4
MEAN	13.8	20.8	25.7	209	218	859	1303	89.5	54.0	17.0	29.0	17.8
MAX	38	135	51	531	691	5650	11500	231	260	100	298	47
MIN	8.7	11	13	24	131	173	247	35	23	5.6	5.4	8.7
CFSM	.05	.07	.08	.69	.72	2.83	4.30	.30	.18	.06	.10	.06
IN.	.05	.08	.10	.80	.78	3.27	4.80	.34	.20	.06	.11	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2000, BY WATER YEAR (WY)

MEAN	138	285	626	1085	1166	1184	892	409	183	177	111	99.2
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1937 - 2000	
ANNUAL TOTAL	148712.9		86719.6			
ANNUAL MEAN	407		237		525	
HIGHEST ANNUAL MEAN					873	1949
LOWEST ANNUAL MEAN					237	2000
HIGHEST DAILY MEAN	6030	Jun 28	11500	Apr 4	33900	Dec 28 1942
LOWEST DAILY MEAN	8.6	Sep 17	5.4	Aug 24	2.3	* Sep 15 1954
ANNUAL SEVEN-DAY MINIMUM	9.3	Oct 20	5.8	Aug 20	2.8	* Sep 10 1954
INSTANTANEOUS PEAK FLOW			14500	Apr 4	47000	Dec 28 1942
INSTANTANEOUS PEAK STAGE			12.78	Apr 4	19.20	Dec 28 1942
ANNUAL RUNOFF (CFSM)	1.34		.78		1.73	
ANNUAL RUNOFF (INCHES)	18.26		10.65		23.54	
10 PERCENT EXCEEDS	1010		486		1260	
50 PERCENT EXCEEDS	136		34		183	
90 PERCENT EXCEEDS	12		9.7		17	

e Estimated
* Minimum discharge prior to Oct. 1, 1943 not determined.

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL

LOCATION.--Lat 33°42'40", long 86°41'46", in SW$^1/_4$ 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 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1988 to current year. June 1979 to June 1988 in files of Barton Laboratory, Jefferson County Commission.
GAGE.--Water-stage recorder. Datum of gage is 501.69 ft above sea level (levels by Jefferson County Engineering Department).
REMARKS.--No estimated daily discharges. Water-discharge records good.
REVISIONS.--Daily discharges for several days during water years 1990, 1993, 1996-98 and annual peak discharges and peaks above base for water years 1989-99 have been revised and supercede those previously published. The daily discharge revisions and peak revisions are given in the tables below.

Daily discharge revisions.--

Date	Discharge	Date	Discharge	Date	Discharge
02-16-90	1,970	10-05-05	1,320	03-07-96	1,600
03-16-90	1,160	01-26-96	1,740	06-14-97	1,360
01-12-93	1,200	01-27-96	1,030	01-07-98	1,740
10-03-95	1,090	03-06-96	1,940		

Annual peak discharges and peaks above base revisions.--

Date	Discharge	Gage height	Date	Discharge	Gage height	Date	Discharge	Gage height
11-04-88	1,010	7.11	03-24-94	1,420	7.63	06-14-97	4,040	10.99
11-20-88	1,550	7.81	03-27-94	1,420	7.63	06-22-97	2,490	9.17
02-28-89	1,080	7.19	06-08-94	1,530	7.79	07-09-97	1,660	7.98
06-19-89	1,050	7.15	09-23-94	1,120	7.24	07-22-97	1,100	7.21
11-22-89	1,200	7.35	11-28-94	1,290	7.47	01-07-98	5,190	12.13
02-03-90	1,920	8.37	03-08-95	1,130	7.26	04-08-98	2,520	9.21
02-10-90	1,480	7.72	03-06-96	5,540	12.45	04-18-98	1,680	8.01
02-16-90	3,740	10.67	10-03-95	3,600	10.51	07-03-98	1,820	8.23
03-16-90	1,840	8.26	10-05-95	2,820	9.60	08-08-98	1,630	7.93
05-05-91	1,670	7.99	11-07-95	1,630	7.94	08-14-98	1,530	7.78
06-07-92	745	6.76	01-26-96	4,170	11.12	08-15-98	1,440	7.65
01-12-93	2,290	8.91	03-07-96	3,570	10.48	01-23-99	1,480	7.71
05-17-93	1,500	7.75	05-28-96	1,240	7.40	06-28-99	1,330	7.51
07-27-94	2,080	8.61	08-01-96	1,010	7.11			

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL--Continued

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	11	53	14	11	31	32	56	35	18	15	12	8.3
2	9.9	44	14	11	28	29	346	34	18	14	12	8.5
3	11	22	13	11	26	29	1820	33	18	14	12	8.7
4	54	18	11	57	24	33	714	31	22	14	12	8.2
5	19	16	13	23	23	29	251	30	26	14	14	8.1
6	15	14	12	19	22	26	166	29	22	13	12	8.0
7	14	13	9.5	16	21	25	131	28	20	13	10	8.3
8	14	13	9.7	16	20	24	110	27	19	17	10	8.3
9	16	13	9.6	20	19	23	84	25	18	16	13	8.1
10	105	12	14	46	18	518	73	25	18	17	20	8.1
11	31	14	11	31	18	2200	67	24	17	15	26	8.0
12	24	15	11	26	18	279	66	23	16	13	14	8.3
13	23	15	40	25	56	179	58	23	16	12	11	11
14	21	15	21	21	58	121	65	22	16	12	11	8.6
15	20	14	17	19	36	91	56	21	16	12	10	8.2
16	19	12	15	19	32	89	52	21	18	12	9.8	7.9
17	19	11	14	22	28	74	49	21	19	11	9.5	7.9
18	17	11	14	21	27	66	47	21	17	11	9.3	7.9
19	15	11	15	19	25	610	45	21	16	11	9.0	7.9
20	14	15	14	18	22	390	44	22	15	11	8.9	7.8
21	14	13	18	17	20	169	43	26	15	11	8.8	8.4
22	13	12	16	19	19	132	41	23	15	11	8.8	10
23	13	11	15	46	18	100	41	21	15	10	8.6	22
24	13	12	14	35	18	84	41	20	14	10	8.6	27
25	13	14	13	31	17	74	39	20	39	10	8.5	13
26	13	28	13	27	17	69	38	21	21	11	8.4	10
27	13	24	13	24	57	68	38	20	16	11	8.8	9.0
28	13	23	13	25	37	62	39	24	16	10	8.7	8.4
29	12	16	12	35	34	57	37	21	18	10	8.5	8.1
30	12	15	12	35	---	72	36	19	16	13	8.2	7.8
31	12	---	11	34	---	61	---	18	---	15	8.3	---
TOTAL	612.9	519	441.8	779	789	5815	4693	749	550	389	339.7	289.8
MEAN	19.8	17.3	14.3	25.1	27.2	188	156	24.2	18.3	12.5	11.0	9.66
MAX	105	53	40	57	58	2200	1820	35	39	17	26	27
MIN	9.9	11	9.5	11	17	23	36	18	14	10	8.2	7.8
CFSM	.72	.63	.52	.92	.99	6.85	5.71	.88	.67	.46	.40	.35
IN.	.83	.70	.60	1.06	1.07	7.89	6.37	1.02	.75	.53	.46	.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2000, BY WATER YEAR (WY)

MEAN	29.4	33.4	38.6	82.3	82.0	107	67.6	40.5	43.4	35.0	23.2	21.8
MAX	123	68.4	77.2	171	274	204	156	97.6	157	70.6	50.0	35.0
(WY)	1996	1996	1995	1996	1990	1996	2000	1991	1997	1997	1998	1989
MIN	12.4	15.1	14.3	25.1	27.2	39.0	32.7	19.2	18.3	12.5	11.0	9.66
(WY)	1994	1999	2000	2000	2000	1992	1992	1992	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1988 - 2000	
ANNUAL TOTAL	12898.5		15967.2			
ANNUAL MEAN	35.3		43.6		49.8	
HIGHEST ANNUAL MEAN					75.3	1996
LOWEST ANNUAL MEAN					20.4	1988
HIGHEST DAILY MEAN	401	Jun 28	2200	Mar 11	2200	Mar 11 2000
LOWEST DAILY MEAN	9.5	Dec 7	7.8	Sep 20, 30	7.8	Sep 20, 30 2000
ANNUAL SEVEN-DAY MINIMUM	10	Sep 9	8.0	Sep 15	8.0	Sep 15 2000
INSTANTANEOUS PEAK FLOW			10100	Mar 11	10100	Mar 11 2000
INSTANTANEOUS PEAK STAGE			16.17	Mar 11	16.17	Mar 11 2000
ANNUAL RUNOFF (CFSM)	1.29		1.59		1.82	
ANNUAL RUNOFF (INCHES)	17.51		21.68		24.67	
10 PERCENT EXCEEDS	60		57		82	
50 PERCENT EXCEEDS	26		18		31	
90 PERCENT EXCEEDS	11		9.0		14	

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.--None.
EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 366 microSiemens, April 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; minimum, 3.2 mg/L, May 8, 2000.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 331 microSiemens, Aug. 23; minimum, 67 microSiemens, Mar. 10, 11, and Apr. 3.
WATER TEMPERATURE: Maximum, 27.2°C, July 20; minimum, 5.2°C, Dec. 26, Jan. 27.
DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Jan. 3, July 19; minimum, 3.2 mg/L, May 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	303	295	299	309	126	270	305	290	298	324	311	318
2	304	295	300	281	170	245	305	297	301	324	311	319
3	306	292	299	311	281	298	307	294	301	324	302	318
4	294	115	226	318	310	313	311	301	306	302	158	241
5	299	275	289	319	310	315	314	295	306	313	287	301
6	303	294	300	320	311	316	311	302	307	317	310	314
7	307	299	304	320	309	315	314	306	310	324	314	319
8	309	298	304	321	310	316	317	304	311	324	313	319
9	308	295	302	320	310	315	318	304	312	320	292	307
10	301	103	242	320	308	315	311	281	299	309	197	252
11	298	268	286	320	308	314	311	299	305	310	287	299
12	301	294	298	313	303	309	316	284	308	315	305	310
13	303	294	299	311	299	307	284	196	249	316	287	306
14	302	293	299	309	300	305	315	284	300	317	308	313
15	302	291	298	309	301	306	321	311	316	319	310	316
16	302	293	299	314	305	309	323	311	319	321	311	317
17	302	293	299	315	306	311	323	311	319	320	301	312
18	302	294	299	317	306	312	324	310	316	320	315	317
19	311	294	302	317	303	311	314	302	309	322	313	318
20	306	299	303	317	282	302	321	308	315	323	311	318
21	308	299	304	309	293	302	321	301	309	323	312	319
22	309	301	304	315	302	310	319	307	312	323	299	317
23	308	300	305	318	308	314	323	314	319	299	217	258
24	308	300	304	318	306	313	324	312	319	308	283	299
25	307	298	303	314	302	309	324	314	319	312	303	308
26	308	298	303	310	283	292	324	313	318	315	306	311
27	307	297	303	296	284	290	323	312	318	317	307	313
28	306	297	302	292	284	289	322	311	317	315	302	309
29	307	296	301	300	291	295	323	311	318	308	278	294
30	308	298	302	302	292	298	323	307	315	305	284	296
31	308	296	302	---	---	---	322	307	316	306	299	304
MONTH	311	103	296	321	126	304	324	196	309	324	158	305

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	308	299	305	298	288	294	277	267	273	289	274	283
2	311	301	307	301	289	297	275	79	209	290	275	284
3	313	302	309	303	265	295	152	67	125	291	279	286
4	313	301	308	295	246	280	175	130	156	292	278	287
5	314	302	309	298	285	294	199	175	187	293	280	288
6	316	302	310	300	285	294	215	199	207	294	281	288
7	316	300	309	309	285	297	228	215	222	294	282	289
8	316	302	310	304	286	298	237	223	230	294	282	289
9	316	300	310	306	290	301	244	237	240	295	286	292
10	317	301	310	307	67	221	251	244	247	297	287	293
11	318	300	310	149	67	122	258	251	254	298	288	294
12	319	303	313	181	149	167	261	256	258	299	289	295
13	319	99	290	203	181	193	266	261	263	300	289	295
14	267	154	226	224	203	214	268	235	254	298	289	295
15	287	267	275	241	224	232	267	254	262	298	286	293
16	295	287	289	247	216	239	272	265	268	297	285	293
17	299	291	295	263	239	255	274	265	271	297	274	286
18	304	286	298	269	261	266	275	265	272	284	272	280
19	305	295	301	269	95	192	278	269	274	283	274	280
20	307	295	303	197	153	179	280	267	276	283	276	280
21	309	297	304	216	197	207	282	271	278	282	270	275
22	311	295	305	232	216	225	283	269	278	281	271	277
23	312	295	305	246	232	239	283	274	279	282	273	278
24	313	295	306	254	246	250	283	275	279	283	268	279
25	314	297	307	261	254	258	285	273	281	283	274	280
26	315	299	308	266	260	262	286	273	281	283	274	279
27	312	164	238	267	260	264	287	271	281	281	266	278
28	289	271	280	272	266	268	284	272	278	277	266	273
29	294	283	289	274	268	272	287	274	282	284	273	278
30	---	---	---	275	238	256	289	273	283	283	271	279
31	---	---	---	275	263	269	---	---	---	283	273	279
MONTH	319	99	298	309	67	248	289	67	252	300	266	285
	JUNE			JULY			AUGUST			SEPTEMBER		
1	283	272	278	273	247	269	301	284	295	312	296	304
2	282	270	277	280	255	271	304	293	299	310	295	302
3	281	270	277	276	265	272	308	291	301	311	294	303
4	282	267	276	277	264	272	308	293	301	309	291	301
5	276	260	267	278	245	271	303	287	296	308	287	298
6	276	259	269	279	258	273	306	289	299	305	290	297
7	271	257	266	330	245	275	307	290	300	304	292	298
8	270	256	266	281	250	274	308	290	300	303	291	298
9	280	260	268	282	266	276	308	269	298	303	289	297
10	273	259	266	284	269	277	298	196	276	303	287	295
11	271	251	265	288	265	277	295	211	264	301	286	293
12	273	250	265	289	275	283	307	294	299	299	255	290
13	271	258	266	291	275	284	311	297	305	288	267	277
14	272	258	266	290	274	284	312	298	306	295	280	287
15	271	257	266	292	276	285	314	292	305	296	281	288
16	270	257	265	292	277	286	307	290	300	296	279	288
17	268	255	262	294	275	285	307	288	299	295	281	288
18	267	251	262	293	277	286	307	289	299	293	281	287
19	267	254	263	294	278	288	307	287	298	293	280	287
20	269	253	263	300	268	290	311	287	299	295	280	287
21	272	256	264	298	283	290	311	261	298	293	273	286
22	271	257	265	318	276	290	308	237	296	288	269	280
23	276	253	266	297	279	288	331	290	302	292	166	263
24	274	259	267	296	277	288	310	289	300	283	174	251
25	273	87	223	298	279	290	310	283	299	294	283	288
26	273	215	256	296	265	285	309	291	300	297	288	294
27	270	263	267	291	273	283	310	294	302	303	286	297
28	272	265	269	296	278	288	309	290	302	308	288	298
29	273	261	267	311	276	289	315	295	304	302	292	297
30	271	251	267	293	258	281	312	294	303	301	289	295
31	---	---	---	294	244	271	311	295	304	---	---	---
MONTH	283	87	265	330	244	281	331	196	298	312	166	290
YEAR	331	67	286									

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	18.1	14.4	16.4	17.4	16.6	17.1	9.7	7.2	8.5	13.9	12.0	12.9
2	19.0	15.3	17.2	16.6	12.9	15.3	10.2	7.5	9.1	14.9	12.8	13.8
3	20.5	17.5	18.9	12.9	10.4	11.7	11.8	9.1	10.6	16.7	14.4	15.8
4	21.8	19.5	20.6	12.7	9.5	11.3	13.9	11.4	12.6	16.7	11.4	14.1
5	19.7	16.3	17.9	13.5	10.4	12.1	13.9	12.7	13.3	11.4	9.0	10.1
6	18.3	14.2	16.5	14.1	10.9	12.8	12.9	9.3	11.6	9.8	7.4	8.8
7	18.9	15.7	17.4	15.4	12.3	14.1	9.8	7.3	8.7	10.0	7.4	8.9
8	19.9	17.3	18.6	15.8	13.4	14.8	10.9	7.5	9.3	11.3	8.6	9.9
9	19.6	18.9	19.3	16.3	13.8	15.2	13.9	10.9	12.4	13.8	11.3	12.9
10	21.1	19.1	20.3	16.5	13.9	15.3	14.1	12.9	13.5	13.9	11.7	13.3
11	20.6	18.5	19.7	16.8	14.8	15.8	13.3	11.2	12.4	12.8	10.2	11.7
12	19.9	17.8	19.0	15.9	13.2	14.8	14.7	11.6	13.0	13.4	10.8	12.2
13	20.4	18.7	19.5	15.3	13.6	14.5	15.7	13.7	14.9	15.0	11.5	13.6
14	20.2	17.6	18.8	15.7	12.8	14.4	13.7	11.0	12.4	11.5	8.9	9.8
15	18.9	16.0	17.6	15.1	12.2	13.6	11.8	9.9	10.9	10.0	7.3	8.9
16	20.2	17.2	18.6	12.4	10.2	11.5	9.9	7.9	9.1	12.5	8.9	10.5
17	19.7	17.0	18.5	11.8	9.4	10.8	9.6	6.9	8.5	13.3	12.5	12.9
18	18.8	16.6	17.6	12.0	9.2	10.7	10.3	8.7	9.6	13.9	12.1	13.2
19	17.2	15.3	16.3	14.3	11.0	12.6	12.9	10.3	11.7	12.1	10.9	11.3
20	16.7	14.8	15.9	15.3	13.7	14.4	13.9	12.5	13.0	11.5	8.5	10.5
21	15.2	12.2	13.9	16.4	14.5	15.4	12.7	9.4	10.9	8.5	6.4	7.4
22	15.7	12.3	14.1	17.2	14.6	15.8	9.4	7.9	8.7	8.4	6.9	7.3
23	15.0	12.4	13.6	16.6	14.3	15.5	8.8	6.5	7.8	9.2	8.0	8.7
24	12.8	10.1	11.6	16.4	14.2	15.4	8.7	6.7	7.7	9.5	7.7	8.9
25	13.0	9.8	11.5	15.6	14.6	15.1	7.2	5.4	6.4	8.2	6.1	7.3
26	13.9	10.6	12.3	14.7	12.3	13.9	8.1	5.2	6.7	7.5	5.5	6.6
27	15.1	11.9	13.5	12.6	10.0	11.6	8.3	6.4	7.4	8.2	5.2	6.9
28	15.9	12.9	14.4	13.1	10.3	12.0	8.3	7.0	7.6	7.8	6.8	7.4
29	16.1	13.6	14.9	12.5	10.7	11.7	8.7	5.9	7.4	8.1	7.3	7.7
30	16.9	14.0	15.4	10.8	8.3	9.5	10.3	6.9	8.8	9.1	7.8	8.4
31	18.1	16.0	17.0	---	---	---	12.7	9.9	11.4	9.2	6.9	8.1
MONTH	21.8	9.8	16.7	17.4	8.3	13.6	15.7	5.2	10.2	16.7	5.2	10.3
	FEBRUARY			MARCH			APRIL			MAY		
1	9.8	6.6	8.3	17.3	13.6	15.2	19.2	14.9	17.1	19.9	15.5	17.8
2	9.7	6.8	8.4	16.2	12.5	14.4	18.1	16.0	17.0	20.2	16.7	18.5
3	10.1	6.2	8.5	14.9	12.3	13.7	17.9	15.6	16.5	20.5	18.0	19.2
4	10.5	8.0	9.2	16.2	13.1	14.5	16.1	13.8	15.1	22.1	18.2	20.0
5	9.9	7.3	8.5	16.3	11.4	13.9	17.0	12.5	14.6	22.3	18.4	20.3
6	9.4	5.9	7.9	17.0	11.5	14.3	18.5	13.8	15.9	22.3	18.5	20.4
7	10.7	7.1	9.0	17.5	12.4	15.1	18.1	15.1	16.4	22.3	18.2	20.3
8	11.5	8.3	10.1	18.5	13.4	16.0	16.5	12.7	14.7	23.0	18.5	20.7
9	12.4	8.8	10.8	18.1	15.0	16.5	16.8	11.4	13.8	22.6	18.9	20.6
10	13.0	9.2	11.3	16.8	14.7	15.7	17.4	12.4	14.9	21.2	19.5	20.3
11	15.7	12.6	14.0	15.1	12.7	14.4	17.0	14.5	15.7	22.4	18.4	20.4
12	15.1	13.3	14.3	14.8	11.7	13.0	16.0	15.2	15.6	23.7	19.8	21.6
13	15.0	12.5	13.6	15.4	11.1	13.0	15.6	14.7	15.1	23.4	20.3	21.7
14	15.3	12.5	14.0	16.3	11.6	13.8	15.2	13.9	14.6	22.0	17.9	19.9
15	14.2	10.2	12.4	16.9	13.5	15.2	16.8	14.6	15.5	20.9	16.0	18.5
16	15.1	12.5	13.7	16.8	15.1	15.8	19.1	14.2	16.6	21.2	17.0	19.1
17	14.3	12.4	13.4	16.2	14.1	15.1	20.1	16.0	17.7	22.4	17.8	20.1
18	16.9	14.2	15.6	15.6	12.7	14.2	19.4	14.5	16.9	23.4	19.5	21.4
19	16.5	11.7	14.4	14.0	12.3	13.1	20.4	14.6	17.4	22.5	20.2	21.3
20	13.4	10.2	11.7	14.5	12.8	13.5	19.9	16.3	18.1	21.4	19.8	20.6
21	13.5	8.8	11.3	16.8	11.8	14.1	18.7	15.3	16.6	22.1	19.7	20.7
22	14.6	10.4	12.5	17.9	13.4	15.4	18.5	13.4	15.9	22.7	19.0	20.8
23	15.6	11.8	13.8	18.5	13.3	15.8	16.3	14.4	15.5	22.6	19.3	21.0
24	17.9	13.5	15.8	19.0	14.4	16.5	17.6	15.2	16.2	23.8	20.3	21.9
25	17.5	14.0	16.0	18.5	14.9	16.7	17.3	15.0	15.9	23.9	21.1	22.4
26	17.4	14.1	16.0	18.3	15.9	17.0	18.6	13.8	16.2	22.8	20.7	21.7
27	16.8	14.1	15.5	17.3	14.5	16.0	19.0	13.8	16.5	25.3	21.0	22.8
28	15.7	11.6	13.7	17.8	12.8	15.3	17.6	15.4	16.5	22.9	21.0	22.0
29	15.8	11.2	13.6	15.3	13.4	14.4	18.8	14.1	16.5	22.4	19.1	20.7
30	---	---	---	16.8	13.6	15.0	20.0	14.7	17.4	23.0	18.2	20.5
31	---	---	---	19.4	14.1	16.6	---	---	---	23.7	18.9	21.2
MONTH	17.9	5.9	12.3	19.4	11.1	14.9	20.4	11.4	16.1	25.3	15.5	20.6

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	22.9	19.1	21.1	24.6	19.8	22.1	25.7	22.3	23.8	24.3	22.2	23.3
2	23.8	19.4	21.6	24.8	19.9	22.4	23.8	22.4	23.0	23.9	22.0	22.9
3	24.2	20.0	22.1	24.9	20.7	22.8	24.5	21.4	22.8	24.9	21.4	23.0
4	22.4	20.5	21.2	25.0	21.6	23.3	24.8	21.8	23.2	25.6	21.8	23.6
5	20.7	19.9	20.3	25.6	21.5	23.6	25.9	21.2	23.4	25.2	22.5	23.8
6	21.2	18.6	19.8	26.3	22.1	24.1	26.2	22.4	24.3	23.6	20.5	22.0
7	21.9	16.7	19.3	27.1	22.8	24.8	26.7	23.0	24.8	20.5	19.5	20.0
8	22.9	17.7	20.2	26.1	22.1	24.2	26.7	23.6	25.1	21.7	19.9	20.7
9	22.8	18.8	20.9	26.2	23.0	24.6	26.2	23.4	24.6	22.4	20.8	21.6
10	23.8	19.7	21.7	25.2	23.4	24.4	26.8	22.6	24.4	22.8	21.2	21.9
11	24.7	20.2	22.4	27.0	22.6	24.6	25.6	22.6	24.1	24.0	20.5	22.1
12	24.7	20.7	22.7	26.8	23.2	25.0	25.1	21.1	23.0	22.8	21.3	22.1
13	23.8	21.3	22.6	26.6	23.1	24.9	24.5	20.1	22.2	23.9	21.3	22.6
14	24.8	21.1	22.8	27.2	23.1	25.1	24.6	19.9	22.2	24.4	21.6	22.8
15	24.7	21.5	22.9	26.6	22.3	24.6	25.2	20.6	22.8	23.3	20.5	21.8
16	23.3	21.6	22.4	27.0	22.6	24.7	25.9	21.5	23.6	20.8	17.5	19.2
17	23.9	21.0	22.4	25.1	21.4	23.4	26.5	22.3	24.4	20.1	15.9	18.0
18	24.2	21.1	22.7	24.4	21.3	22.9	26.3	22.9	24.6	20.6	16.1	18.3
19	23.8	21.5	22.6	26.6	22.0	24.2	26.6	23.1	24.7	21.4	16.9	19.0
20	24.9	21.1	22.9	27.2	23.3	25.1	25.4	21.0	23.3	22.9	19.6	21.1
21	25.3	21.5	23.3	26.4	23.0	24.6	24.8	21.8	23.2	23.5	21.2	22.3
22	24.6	22.0	23.3	26.3	22.8	24.4	25.0	21.6	23.2	22.7	21.4	22.0
23	25.8	20.8	23.2	24.9	22.5	23.7	24.7	21.6	23.1	22.8	21.0	21.8
24	24.8	21.0	23.1	24.8	21.4	23.1	25.2	21.8	23.5	23.9	21.1	22.5
25	23.7	21.3	22.3	24.7	21.5	23.2	25.5	22.1	23.7	22.9	19.3	21.7
26	24.9	20.9	22.6	24.6	21.9	23.2	23.8	21.5	22.8	19.3	16.8	17.9
27	24.7	21.5	23.1	24.7	21.1	23.0	23.2	21.1	22.1	18.8	14.7	16.8
28	23.8	22.0	22.9	25.1	21.6	23.4	24.0	21.3	22.7	19.2	15.4	17.2
29	22.7	21.3	21.9	25.5	22.2	23.9	25.5	21.8	23.5	19.3	15.6	17.4
30	23.3	19.7	21.4	25.3	22.7	23.9	26.1	22.7	24.3	20.2	16.8	18.3
31	---	---	---	25.6	22.4	23.7	24.6	22.2	23.6	---	---	---
MONTH	25.8	16.7	22.1	27.2	19.8	23.9	26.8	19.9	23.5	25.6	14.7	20.9
YEAR	27.2	5.2	17.1									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.6	6.7	8.2	8.0	5.9	7.1	12.8	10.9	11.8	12.8	10.4	11.3
2	10.0	7.5	8.4	8.0	7.0	7.6	12.7	11.0	11.8	12.3	10.1	10.9
3	10.2	7.2	8.6	9.8	8.0	8.8	13.0	10.2	11.4	13.9	9.1	10.4
4	9.0	6.9	8.3	9.4	7.8	8.8	12.4	9.4	10.7	10.4	8.3	9.9
5	9.5	7.1	8.3	9.4	7.7	8.6	11.5	9.3	9.9	11.1	9.2	10.4
6	10.1	7.5	8.6	9.4	7.7	8.5	12.1	9.2	10.3	10.9	8.6	10.2
7	10.1	7.1	8.5	9.3	7.5	8.3	12.7	9.9	11.2	10.7	9.1	10.0
8	9.5	7.0	8.0	9.4	7.1	8.1	13.2	10.5	11.6	11.4	9.6	10.3
9	8.6	7.1	7.9	9.3	6.1	7.7	12.5	9.3	10.7	9.8	8.8	9.3
10	9.0	7.0	8.3	9.1	6.1	7.6	11.4	9.0	10.0	9.3	8.5	9.0
11	9.2	8.1	8.7	8.6	6.8	7.6	12.2	9.3	10.3	9.4	8.1	9.1
12	9.6	8.3	8.8	9.1	7.0	8.0	12.3	8.9	10.4	9.9	8.5	9.1
13	9.6	8.3	8.8	9.8	7.4	8.3	9.6	8.9	9.3	9.1	7.7	8.5
14	10.9	7.7	8.7	9.7	7.5	8.3	11.5	9.5	10.2	9.8	8.4	8.8
15	10.7	8.3	9.3	9.2	7.3	8.1	12.6	10.1	11.1	---	---	---
16	12.3	8.3	9.3	10.0	8.3	8.9	12.8	10.4	11.7	---	---	---
17	11.7	8.3	9.3	10.5	8.6	9.2	13.1	10.0	11.8	---	---	---
18	9.9	7.9	8.7	10.6	8.6	9.3	13.0	11.1	11.8	---	---	---
19	10.6	8.0	9.1	10.8	8.5	9.5	13.1	10.4	11.5	---	---	---
20	10.1	8.1	8.8	9.9	8.0	8.7	13.0	10.3	11.1	10.3	8.9	9.5
21	10.5	8.1	9.2	10.3	7.7	8.8	11.9	10.4	11.3	9.4	8.1	8.8
22	10.2	8.5	9.2	10.7	6.8	8.8	13.0	10.1	11.9	8.1	7.0	7.5
23	10.4	8.2	9.2	11.0	6.8	8.5	12.9	10.2	12.1	7.2	6.4	6.7
24	10.9	8.8	9.6	11.0	7.4	9.1	13.4	11.6	12.4	7.7	6.1	7.0
25	10.8	9.0	9.7	10.6	8.3	9.3	13.7	12.2	12.8	7.4	6.2	7.1
26	10.6	8.9	9.6	11.0	9.1	10.0	13.2	10.8	12.4	7.1	6.4	7.0
27	10.1	8.3	9.1	11.2	10.0	10.5	13.7	12.0	12.6	7.4	6.5	6.8
28	10.3	7.8	8.6	11.3	10.1	10.6	13.6	12.0	12.5	---	---	---
29	9.6	7.3	8.3	11.7	9.9	10.6	13.0	11.1	12.1	---	---	---
30	9.5	7.2	8.1	12.8	10.7	11.6	13.3	11.0	12.0	---	---	---
31	9.6	6.4	7.7	---	---	---	13.4	10.7	11.8	---	---	---
MONTH	12.3	6.4	8.7	12.8	5.9	8.8	13.7	8.9	11.4	---	---	---

MOBILE RIVER BASIN

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, 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
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	10.9	8.3	9.5	10.9	8.8	9.6	---	---	---
2	---	---	---	12.8	8.3	9.6	9.9	9.1	9.5	---	---	---
3	---	---	---	10.9	8.5	9.6	11.3	7.7	10.2	---	---	---
4	11.9	10.3	11.0	10.0	8.8	9.1	---	---	---	---	---	---
5	12.1	10.1	10.8	11.7	8.6	9.5	---	---	---	8.9	7.1	6.9
6	11.5	9.8	10.6	12.0	8.3	9.6	---	---	---	9.0	7.2	7.4
7	12.1	9.2	10.3	13.3	7.4	9.8	---	---	---	9.1	7.3	7.9
8	11.6	8.9	10.0	12.8	7.0	9.1	---	---	---	8.8	3.2	6.8
9	12.0	8.7	9.8	11.9	7.0	8.6	---	---	---	8.6	4.9	7.2
10	12.6	8.5	9.9	---	---	---	---	---	---	9.1	5.6	7.9
11	12.0	8.0	9.4	---	---	---	---	---	---	9.1	5.5	7.4
12	10.8	6.9	8.8	---	---	---	---	---	---	8.4	4.8	7.0
13	11.3	7.7	9.3	---	---	---	---	---	---	8.3	5.1	7.1
14	9.5	7.0	8.7	---	---	---	---	---	---	8.6	4.5	7.2
15	10.0	5.6	8.8	---	---	---	---	---	---	9.2	5.1	7.6
16	10.5	8.3	9.3	---	---	---	---	---	---	9.0	5.6	7.6
17	10.1	8.6	9.2	---	---	---	---	---	---	9.4	5.1	7.4
18	10.9	8.3	9.2	8.7	6.6	8.0	---	---	---	8.4	5.9	7.3
19	11.4	8.4	9.6	9.1	8.4	8.9	---	---	---	8.8	6.6	7.8
20	11.6	7.9	9.8	9.3	8.5	9.0	---	---	---	9.2	7.6	8.2
21	12.2	7.9	9.8	9.3	6.1	8.4	---	---	---	8.6	7.5	7.9
22	11.3	8.6	9.9	9.7	5.7	8.6	---	---	---	9.0	6.4	7.7
23	11.3	8.3	9.5	9.6	6.1	8.5	---	---	---	9.0	6.9	8.0
24	12.2	7.7	9.1	9.7	7.6	8.7	---	---	---	8.8	6.9	7.9
25	11.2	7.6	8.8	9.7	7.9	8.9	---	---	---	8.7	7.5	7.9
26	10.8	7.4	8.8	9.7	8.9	9.2	---	---	---	9.7	7.7	8.4
27	9.8	6.7	8.5	9.6	8.8	9.3	---	---	---	9.1	7.0	7.9
28	10.0	7.6	9.1	10.1	8.8	9.6	---	---	---	9.1	7.7	8.3
29	10.0	7.9	9.2	11.2	9.5	10.1	---	---	---	9.2	7.4	8.3
30	---	---	---	10.4	8.8	9.7	---	---	---	9.6	8.2	8.6
31	---	---	---	10.4	8.8	9.4	---	---	---	9.7	8.3	8.7
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.7	8.4	8.9	10.3	6.6	8.9	9.3	7.0	7.8	10.8	8.2	9.2
2	10.0	8.3	8.9	10.5	7.1	9.1	9.4	7.2	8.0	10.7	8.6	9.5
3	10.1	8.2	8.9	10.6	5.2	8.6	9.8	7.4	8.3	10.7	8.7	9.5
4	9.8	8.4	9.0	10.8	8.1	9.6	9.8	7.5	8.2	11.0	8.6	9.5
5	10.1	9.0	9.5	10.9	8.3	9.6	10.0	7.3	8.5	11.2	8.6	9.6
6	10.7	7.6	9.0	10.9	6.1	9.2	9.9	7.2	8.2	10.9	8.9	9.6
7	9.1	5.5	7.7	---	---	---	9.9	7.1	8.2	10.8	9.2	9.8
8	8.9	6.3	7.9	---	---	---	9.7	7.1	8.1	11.2	9.1	9.8
9	8.7	7.0	8.0	---	---	---	9.8	7.2	8.1	11.0	8.9	9.7
10	8.7	7.0	8.0	---	---	---	10.1	7.4	8.4	11.2	8.7	9.8
11	8.6	7.3	8.0	---	---	---	9.3	7.8	8.4	11.2	9.0	9.9
12	8.8	7.3	8.0	10.2	6.4	7.6	9.8	7.9	8.6	11.1	9.0	9.9
13	8.8	7.4	7.9	10.2	6.3	7.5	10.3	7.9	8.8	11.2	8.7	9.8
14	8.9	7.2	8.1	10.6	6.0	7.6	10.2	7.9	8.8	11.2	8.7	9.5
15	8.5	7.3	8.0	10.5	6.0	7.5	10.2	7.3	8.6	10.9	8.7	9.6
16	8.9	7.9	8.3	10.4	6.0	7.4	8.8	6.6	7.8	11.0	8.8	9.8
17	9.3	7.9	8.5	11.4	6.2	7.8	8.3	6.6	7.4	11.1	5.6	10.0
18	9.0	7.8	8.3	10.9	6.3	7.5	8.4	6.5	7.2	10.9	8.0	9.9
19	9.3	7.9	8.3	13.9	6.3	9.7	8.1	6.1	7.0	10.8	6.7	8.8
20	9.0	7.8	8.4	---	---	---	8.9	6.7	7.5	8.5	6.3	7.3
21	8.9	6.3	8.0	---	---	---	8.4	6.8	7.3	8.3	6.2	6.9
22	10.3	7.0	8.5	---	---	---	8.6	6.6	7.3	8.1	6.3	6.8
23	9.6	5.9	7.9	---	---	---	8.5	6.6	7.2	8.2	6.5	7.0
24	9.3	7.0	8.1	---	---	---	8.5	6.1	7.0	7.7	6.8	7.2
25	9.2	6.2	8.1	---	---	---	8.3	6.2	6.9	8.0	6.9	7.3
26	9.0	6.4	8.1	---	---	---	8.1	6.3	7.0	9.5	8.0	8.7
27	9.4	7.4	8.4	---	---	---	8.1	6.5	7.1	9.8	8.7	9.2
28	9.6	7.4	8.6	---	---	---	8.3	6.1	6.9	9.9	8.8	9.2
29	8.6	6.3	8.0	---	---	---	7.9	5.9	6.8	10.1	8.8	9.3
30	10.7	6.7	9.0	---	---	---	8.0	6.0	6.8	10.2	8.6	9.2
31	---	---	---	---	---	---	10.0	6.2	7.9	---	---	---
MONTH	10.7	5.5	8.3	---	---	---	10.3	5.9	7.7	11.2	5.6	9.0

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 mi^2.
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: June 6-9. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65	89	83	109	1070	1260	1320	568	149	154	72	33
2	63	274	79	107	896	996	3720	498	136	187	70	34
3	60	243	78	119	769	853	20300	453	124	169	74	59
4	60	214	79	499	681	935	31400	420	124	129	364	53
5	98	249	80	749	603	875	30000	392	150	112	219	50
6	93	175	79	641	534	789	14700	368	e200	98	142	48
7	79	129	83	426	483	687	5990	341	e300	87	113	46
8	83	105	85	324	446	607	4040	311	e205	80	89	45
9	81	92	90	405	416	556	3060	289	e185	76	75	44
10	93	87	107	1660	393	3100	2480	273	161	74	69	44
11	215	79	116	1790	378	15500	2090	256	138	74	60	42
12	141	76	129	1200	360	9500	1840	240	124	71	64	42
13	144	74	337	818	350	4430	1700	227	114	72	63	65
14	116	72	405	636	944	2980	1610	210	106	67	51	111
15	109	71	299	521	886	2180	1680	192	101	62	44	78
16	98	73	221	449	782	1760	1470	180	126	58	43	51
17	89	74	171	440	647	1590	1310	172	136	53	39	40
18	78	72	148	463	560	1560	1310	164	113	54	39	37
19	71	71	144	442	544	4900	1190	157	202	53	39	35
20	67	91	145	412	571	14800	1020	153	215	50	34	34
21	62	97	148	371	555	10500	903	159	162	42	32	34
22	60	109	165	345	510	5210	862	206	240	42	31	41
23	57	104	166	463	466	3390	802	276	198	41	30	71
24	53	102	162	977	433	2660	755	226	163	42	31	77
25	49	94	154	1110	409	2240	726	193	149	40	29	162
26	48	91	141	847	388	1990	714	407	145	40	27	136
27	57	92	135	677	932	1900	667	517	138	43	26	111
28	65	98	132	594	1950	1830	659	270	125	47	27	105
29	64	96	126	764	1700	1570	664	214	131	47	29	87
30	65	91	120	1160	---	1520	657	182	132	56	31	71
31	65	---	114	1240	---	1520	---	164	---	70	31	---
TOTAL	2548	3384	4521	20758	19656	104188	139639	8678	4692	2290	2087	1886
MEAN	82.2	113	146	670	678	3361	4655	280	156	73.9	67.3	62.9
MAX	215	274	405	1790	1950	15500	31400	568	300	187	364	162
MIN	48	71	78	107	350	556	657	153	101	40	26	33
CFSM	.09	.13	.16	.76	.77	3.80	5.26	.32	.18	.08	.08	.07
IN.	.11	.14	.19	.87	.83	4.38	5.87	.36	.20	.10	.09	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2000, BY WATER YEAR (WY)

MEAN	372	908	1598	2855	3185	3393	2395	1241	557	482	265	333
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1929 - 2000	
ANNUAL TOTAL	415437		314327			
ANNUAL MEAN	1138		859		1453	
HIGHEST ANNUAL MEAN					2440	1949
LOWEST ANNUAL MEAN					585	1986
HIGHEST DAILY MEAN	16900	Jun 29	31400	Apr 4	54000	Feb 23 1961
LOWEST DAILY MEAN	48	Sep 18, Oct 26	26	Aug 27	18	Sep 28 1931
ANNUAL SEVEN-DAY MINIMUM	54	Sep 15	28	Aug 23	20	Sep 30 1931
INSTANTANEOUS PEAK FLOW			32500	Apr 4	* 55300	Jan 7 1949
INSTANTANEOUS PEAK STAGE			35.68	Apr 4	48.60	Feb 23 1961
ANNUAL RUNOFF (CFSM)	1.29		.97		1.64	
ANNUAL RUNOFF (INCHES)	17.46		13.21		22.31	
10 PERCENT EXCEEDS	2920		1580		3410	
50 PERCENT EXCEEDS	369		149		528	
90 PERCENT EXCEEDS	70		45		77	

* 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 SW$^1/_4$ 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 mi^2.
PERIOD OF RECORD.--May 1996 to current year.
GAGE.--Water-stage recorder. Datum of gage is 580 ft above sea level, from topographic map.
REMARKS.--Estimated daily discharges: July 27-29, 30, Aug. 1-2. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.8	75	7.1	6.4	17	13	29	16	9.6	5.5	e7.2	4.6
2	6.6	28	7.0	6.0	16	13	240	15	8.3	4.8	e110	4.6
3	6.4	11	6.8	5.8	14	14	1080	15	6.9	4.8	15	4.5
4	42	8.9	6.4	67	14	19	238	14	9.7	4.5	11	4.2
5	8.4	8.1	8.7	15	14	13	92	14	9.3	4.5	9.2	4.0
6	7.7	7.7	8.0	11	13	13	59	13	7.4	4.4	6.6	4.6
7	7.3	7.5	7.2	11	13	12	43	13	6.8	4.4	6.2	4.9
8	7.2	7.4	7.0	11	12	12	42	13	6.6	4.3	5.9	4.6
9	8.8	7.1	6.8	17	12	11	31	13	6.3	4.0	31	4.5
10	172	7.0	16	53	11	637	26	13	6.1	4.1	19	4.4
11	10	7.4	7.2	17	11	601	24	12	6.0	4.0	13	4.3
12	8.0	7.0	7.2	13	11	77	30	12	6.0	4.0	6.8	3.8
13	7.8	7.1	53	12	26	51	24	12	6.2	4.0	6.5	6.2
14	7.6	6.9	11	11	27	38	39	12	6.0	3.9	6.1	3.4
15	7.6	7.6	8.1	11	14	32	25	11	6.9	4.1	5.9	3.4
16	7.2	7.1	7.3	11	12	31	22	11	9.5	4.6	5.9	3.5
17	7.1	7.1	7.0	15	12	28	21	11	7.6	4.4	5.9	3.6
18	7.2	7.0	7.7	12	11	25	20	11	7.1	4.3	5.8	3.4
19	7.3	6.8	9.6	11	12	400	19	10	7.3	4.1	5.2	3.3
20	9.1	18	7.2	11	12	113	19	12	7.0	4.1	5.3	3.1
21	7.7	7.9	15	11	11	61	19	15	6.9	5.8	5.6	8.1
22	7.5	7.0	9.7	19	11	45	18	11	7.4	5.1	5.5	7.5
23	7.6	6.8	8.3	105	11	37	18	11	6.9	4.7	5.4	14
24	7.5	6.8	8.0	27	10	32	18	10	6.8	4.3	5.6	9.7
25	7.3	6.8	7.9	21	10	29	17	11	79	7.1	6.0	5.7
26	7.0	7.1	7.5	17	9.8	28	17	14	15	8.5	5.1	4.5
27	6.8	7.0	7.5	15	59	32	17	11	13	e6.0	5.2	3.0
28	6.6	6.9	7.3	18	17	26	21	19	13	e4.9	4.8	3.0
29	6.5	6.9	7.3	40	14	25	17	11	13	e8.3	4.4	2.9
30	6.3	7.1	6.8	26	---	63	16	10	8.6	29	4.3	2.9
31	6.4	---	6.5	20	---	32	---	10	---	e15	4.4	---
TOTAL	429.3	320.0	298.1	646.2	436.8	2563	2301	386	316.2	185.5	343.8	144.2
MEAN	13.8	10.7	9.62	20.8	15.1	82.7	76.7	12.5	10.5	5.98	11.1	4.81
MAX	172	75	53	105	59	637	1080	19	79	29	110	14
MIN	6.3	6.8	6.4	5.8	9.8	11	16	10	6.0	3.9	4.3	2.9
CFSM	.74	.57	.52	1.12	.81	4.45	4.12	.67	.57	.32	.60	.26
IN.	.86	.64	.60	1.29	.87	5.13	4.60	.77	.63	.37	.69	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2000, BY WATER YEAR (WY)

MEAN	12.6	13.9	17.8	43.0	34.0	52.4	46.5	21.0	27.6	21.5	19.7	11.0
MAX	16.0	19.1	21.6	71.6	63.1	82.7	76.7	30.5	57.8	33.1	47.8	15.9
(WY)	1998	1998	1999	1998	1998	2000	2000	1998	1997	1996	1998	1996
MIN	8.45	10.7	9.62	20.8	15.1	34.3	20.0	12.5	10.5	5.98	7.64	4.81
(WY)	1999	2000	2000	2000	2000	1997	1999	2000	2000	2000	1999	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1996 - 2000	
ANNUAL TOTAL	7699.8		8370.1			
ANNUAL MEAN	21.1		22.9		26.7	
HIGHEST ANNUAL MEAN					36.4	1998
LOWEST ANNUAL MEAN					21.7	1999
HIGHEST DAILY MEAN	572	Jun 28	1080	Apr 3	1080	Apr 3 2000
LOWEST DAILY MEAN	6.0	Sep 28	2.9	Sep 29, 30	2.9	Sep 29, 30 2000
ANNUAL SEVEN-DAY MINIMUM	6.6	Sep 22	3.4	Sep 14	3.4	Sep 14 2000
INSTANTANEOUS PEAK FLOW			7220	Mar 10	7220	Mar 10 2000
INSTANTANEOUS PEAK STAGE			10.08	Mar 10	10.08	Mar 10 2000
ANNUAL RUNOFF (CFSM)	1.13		1.23		1.44	
ANNUAL RUNOFF (INCHES)	15.40		16.74		19.51	
10 PERCENT EXCEEDS	36		31		43	
50 PERCENT EXCEEDS	12		9.0		14	
90 PERCENT EXCEEDS	6.8		4.5		7.0	

e Estimated

MOBILE RIVER BASIN

02456998 BARTON BRANCH NEAR TARRANT CITY, AL

LOCATION.--Lat 33°36'38", long 86°33'33", in SW$^1/_4$ 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 mi^2.
PERIOD OF RECORD.--May 27, 1996 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 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	71	1.1	.97	3.3	1.7	5.7	3.5	1.7	1.4	1.3	.83
2	1.2	8.7	1.1	.97	3.1	1.4	161	3.3	1.6	1.4	2.7	.83
3	1.3	1.9	1.1	1.2	2.8	6.1	403	2.8	1.7	1.2	1.5	.86
4	25	1.4	1.2	39	2.4	3.5	89	2.6	1.9	1.1	1.2	.79
5	1.2	1.2	1.8	2.4	2.3	2.0	34	2.5	4.8	1.2	1.2	.79
6	1.1	1.1	1.3	1.7	2.3	1.8	21	2.4	2.2	1.2	1.2	.79
7	.97	1.0	1.0	1.5	2.1	1.7	15	2.3	2.0	1.2	1.2	.83
8	.97	1.1	.99	1.5	2.1	1.7	18	2.2	2.0	1.2	1.2	.80
9	2.0	1.0	1.0	3.9	1.8	1.7	11	2.1	2.0	1.4	4.8	.81
10	84	1.0	8.6	20	1.7	251	9.0	2.3	2.0	1.2	31	.80
11	3.4	.97	1.2	2.9	1.7	175	8.3	2.0	1.9	1.0	5.0	.79
12	2.2	.97	3.0	2.2	1.7	12	16	2.0	2.2	1.0	1.3	.80
13	2.0	1.0	33	1.9	26	8.0	8.7	2.0	2.3	1.0	1.2	.79
14	1.7	1.3	2.1	1.7	10	5.9	27	2.0	2.4	1.0	1.2	.79
15	1.7	1.3	1.4	1.5	2.3	4.8	9.8	1.9	2.0	1.0	.97	.83
16	1.7	1.2	1.2	1.5	2.1	5.2	8.4	1.9	2.0	2.1	.97	.95
17	1.7	1.2	1.0	3.5	2.0	3.8	7.8	1.8	2.0	1.2	.97	1.1
18	1.7	1.2	2.4	1.8	1.8	3.5	6.8	1.7	2.0	1.1	.97	.85
19	1.7	1.2	2.1	1.8	1.7	173	6.0	1.7	1.9	1.0	.97	.87
20	2.1	7.2	1.1	1.7	1.8	22	5.6	1.7	1.7	1.0	.97	.86
21	2.0	1.3	4.9	1.5	1.5	10	5.3	4.1	1.7	1.0	.97	4.2
22	2.0	1.1	1.8	9.3	1.5	7.6	4.8	2.1	4.2	1.0	.97	2.3
23	2.0	1.4	1.4	44	1.5	6.1	5.1	1.6	1.4	1.0	.97	7.4
24	2.0	1.1	1.2	5.0	1.4	5.2	5.5	1.5	1.4	1.0	1.6	1.8
25	2.2	1.2	1.2	3.7	1.4	4.9	4.6	6.5	2.8	1.1	1.1	1.4
26	2.2	1.2	1.1	3.1	1.4	4.5	4.2	3.5	1.5	14	.97	.84
27	2.2	1.2	1.0	2.8	43	6.4	5.6	3.2	1.4	2.0	.96	.82
28	2.7	1.1	.97	5.5	2.9	4.2	7.7	12	3.7	1.2	.92	.79
29	2.3	1.2	.97	18	2.0	4.1	4.2	2.2	3.3	1.0	.86	.78
30	2.8	1.1	.97	5.6	---	32	3.7	1.9	1.5	19	.94	.77
31	2.6	---	.97	4.1	---	5.9	---	1.7	---	3.6	.90	---
TOTAL	163.94	118.84	84.17	196.24	131.6	776.7	921.8	85.0	65.2	69.8	72.98	37.86
MEAN	5.29	3.96	2.72	6.33	4.54	25.1	30.7	2.74	2.17	2.25	2.35	1.26
MAX	84	71	33	44	43	251	403	12	4.8	19	31	7.4
MIN	.97	.97	.97	.97	1.4	1.4	3.7	1.5	1.4	1.0	.86	.77
CFSM	1.70	1.27	.87	2.04	1.46	8.06	9.88	.88	.70	.72	.76	.41
IN.	1.96	1.42	1.01	2.35	1.57	9.29	11.03	1.02	.78	.83	.87	.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2000, BY WATER YEAR (WY)

MEAN	3.54	4.46	5.55	12.7	10.1	14.9	14.7	4.74	8.17	5.30	3.91	3.16
MAX	5.29	6.56	7.18	16.9	18.8	25.1	30.7	5.78	17.4	8.08	7.94	5.89
(WY)	2000	1998	1999	1998	1998	2000	2000	1997	1999	1997	1998	1997
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1996 - 2000	
ANNUAL TOTAL	2425.93		2724.13			
ANNUAL MEAN	6.65		7.44		7.61	
HIGHEST ANNUAL MEAN					9.04	1998
LOWEST ANNUAL MEAN					6.53	1999
HIGHEST DAILY MEAN	207	Jun 28	403	Apr 3	403	Apr 3 2000
LOWEST DAILY MEAN	.90	Sep 20	.77	Sep 30	.77	Sep 30 2000
ANNUAL SEVEN-DAY MINIMUM	.93	Sep 14	.80	Sep 8	.80	Sep 8 2000
INSTANTANEOUS PEAK FLOW			1840	Mar 10	1840	Mar 10 2000
INSTANTANEOUS PEAK STAGE			4.86	Mar 10	4.86	Mar 10 2000
ANNUAL RUNOFF (CFSM)	2.14		2.39		2.45	
ANNUAL RUNOFF (INCHES)	29.02		32.58		33.26	
10 PERCENT EXCEEDS	10		8.7		13	
50 PERCENT EXCEEDS	2.2		1.8		2.9	
90 PERCENT EXCEEDS	1.1		.97		1.1	

MOBILE RIVER BASIN

02457000 FIVEMILE CREEK AT KETONA, AL

LOCATION.--Lat 33°36'05", long 86°45'20", in NW$^1/_4$ 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 mi^2.
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: Apr. 20 to June 15. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.5	135	6.5	9.1	17	17	29	e19	e11	10	8.5	5.3
2	7.3	37	6.3	9.1	15	17	378	e18	e11	9.8	130	5.3
3	7.4	9.2	6.2	9.1	14	20	1340	e17	e10	9.6	18	5.3
4	73	8.0	6.2	100	13	24	375	e17	e17	9.4	12	5.1
5	8.6	7.7	7.1	15	13	17	154	e16	e16	9.5	11	5.1
6	7.5	7.6	6.5	12	12	17	80	e16	e13	9.0	8.7	5.2
7	6.7	7.6	6.2	12	12	16	51	e15	e11	7.9	9.3	5.3
8	6.6	7.3	6.2	12	12	16	49	e15	e11	5.7	9.9	5.3
9	9.0	7.3	6.2	18	12	16	31	e14	e10	4.5	43	5.3
10	223	7.0	17	72	12	703	26	e14	e10	4.7	34	5.1
11	13	7.1	6.5	18	11	1020	24	e13	e9.5	6.7	17	5.1
12	9.6	7.0	6.7	15	11	176	33	e13	e9.5	6.4	7.7	4.8
13	9.2	7.0	86	14	43	122	23	e13	e10	6.1	7.3	6.3
14	9.0	7.0	13	13	43	70	54	e13	e9.5	6.4	7.0	4.5
15	8.8	7.1	10	13	16	31	25	e12	e15	6.6	6.5	4.4
16	8.7	6.7	9.9	12	15	29	23	e12	24	8.1	6.9	4.3
17	8.5	6.7	9.7	16	14	24	23	e12	19	6.6	6.5	4.4
18	8.4	6.7	11	12	14	21	22	e12	18	6.6	6.5	4.3
19	8.2	6.7	13	12	14	527	21	e12	18	6.6	5.8	4.3
20	9.2	20	10	11	14	194	e20	e15	15	6.8	5.7	4.4
21	8.4	7.3	19	11	14	95	e20	e20	14	9.8	6.0	10
22	8.2	7.0	11	22	13	54	e19	e15	18	7.9	5.9	8.6
23	8.2	6.9	10	164	13	40	e19	e12	13	6.3	5.8	20
24	8.2	6.7	10	29	13	32	e18	e12	12	6.2	6.1	12
25	8.1	6.7	10	20	13	29	e18	e15	113	12	6.5	6.4
26	8.0	6.5	10	16	13	28	e18	e20	20	26	5.3	5.2
27	7.9	6.5	9.7	14	102	34	e20	e15	12	8.8	5.3	4.0
28	7.9	6.5	9.4	19	21	27	e28	e28	16	6.2	5.7	4.0
29	7.9	6.5	9.2	54	18	26	e22	e19	19	10	5.6	3.9
30	7.8	6.5	9.1	27	---	104	e20	e15	12	64	5.6	3.8
31	7.6	---	9.1	20	---	34	---	e12	---	22	5.4	---
TOTAL	537.4	382.8	366.7	800.3	547	3580	2983	471	516.5	326.2	424.5	177.0
MEAN	17.3	12.8	11.8	25.8	18.9	115	99.4	15.2	17.2	10.5	13.7	5.90
MAX	223	135	86	164	102	1020	1340	28	113	64	130	20
MIN	6.6	6.5	6.2	9.1	11	16	18	12	9.5	4.5	5.3	3.8
CFSM	.73	.53	.49	1.08	.79	4.83	4.16	.64	.72	.44	.57	.25
IN.	.84	.60	.57	1.25	.85	5.57	4.64	.73	.80	.51	.66	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2000, BY WATER YEAR (WY)

MEAN	20.7	20.6	28.6	56.2	54.9	83.3	69.5	33.6	30.7	25.8	19.4	22.0
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	6.41	8.71	11.0	8.40	18.9	33.9	22.3	15.2	12.0	9.68	9.14	5.90
(WY)	1955	1955	1956	1956	2000	1954	1978	2000	1954	1954	1954	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1954 - 2000	
ANNUAL TOTAL	10726.9		11112.4			
ANNUAL MEAN	29.4		30.4		37.7	
HIGHEST ANNUAL MEAN					55.7	1979
LOWEST ANNUAL MEAN					20.6	1954
HIGHEST DAILY MEAN	761	Jun 28	1340	Apr 3	2410	Apr 13 1979
LOWEST DAILY MEAN	6.2	Dec 3, 4, 7-9	3.8	Sep 30	3.8	Sep 30 2000
ANNUAL SEVEN-DAY MINIMUM	6.4	Dec 3	4.4	Sep 14	4.4	Sep 14 2000
INSTANTANEOUS PEAK FLOW			8350	Mar 10	8350	Mar 10 2000
INSTANTANEOUS PEAK STAGE			17.28	Mar 10	17.28	Mar 10 2000
ANNUAL RUNOFF (CFSM)	1.23		1.27		1.58	
ANNUAL RUNOFF (INCHES)	16.70		17.30		21.43	
10 PERCENT EXCEEDS	53		34		68	
50 PERCENT EXCEEDS	15		12		19	
90 PERCENT EXCEEDS	7.1		5.9		8.4	

e Estimated

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL

LOCATION.--Lat 33°35'49", long 86°52'05", in SE$^1/_4$ 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 mi^2.

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: Oct. 1-7. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e21	218	22	25	59	53	118	44	28	23	42	17
2	e17	122	20	23	51	44	970	43	28	22	147	17
3	e17	40	22	25	46	47	4040	42	27	22	57	16
4	e60	31	22	215	43	75	1270	40	32	22	38	15
5	e35	28	21	51	39	51	391	38	42	21	33	16
6	e22	24	28	37	37	47	229	36	37	21	27	17
7	e16	23	28	33	37	43	169	36	30	21	25	18
8	17	24	27	32	37	39	153	35	29	20	26	18
9	24	26	27	49	36	40	112	37	27	20	37	19
10	383	25	50	152	36	1310	97	40	25	19	39	18
11	46	25	31	59	37	3930	92	39	24	20	59	16
12	35	25	27	44	35	353	124	37	24	22	22	17
13	30	27	190	39	172	173	101	35	26	21	19	19
14	26	25	50	34	233	118	164	32	27	20	19	18
15	24	25	35	33	73	97	119	32	27	20	19	16
16	24	24	31	32	57	88	99	31	32	21	19	15
17	22	24	29	46	50	79	87	31	33	19	18	15
18	22	23	27	42	48	67	74	30	29	20	17	15
19	22	25	39	38	42	1440	68	31	45	21	16	16
20	25	53	31	37	38	663	64	33	33	22	16	16
21	25	36	48	34	37	251	60	39	28	30	17	18
22	22	29	42	38	36	175	55	39	27	21	18	27
23	20	25	35	393	36	142	56	34	25	19	17	35
24	20	24	30	100	35	119	60	33	22	21	17	43
25	20	23	27	70	35	105	55	31	72	18	21	19
26	19	22	26	56	34	109	51	57	38	35	17	18
27	19	21	26	47	223	124	48	36	33	35	18	16
28	21	22	24	55	76	103	77	47	25	20	18	14
29	21	21	25	144	61	90	53	32	32	19	16	15
30	21	21	25	106	---	382	49	30	28	54	17	15
31	23	---	25	74	---	155	---	29	---	107	17	---
TOTAL	1119	1081	1090	2163	1779	10512	9105	1129	935	796	888	554
MEAN	36.1	36.0	35.2	69.8	61.3	339	304	36.4	31.2	25.7	28.6	18.5
MAX	383	218	190	393	233	3930	4040	57	72	107	147	43
MIN	16	21	20	23	34	39	48	29	22	18	16	14
CFSM	.70	.69	.68	1.34	1.18	6.53	5.85	.70	.60	.49	.55	.36
IN.	.80	.77	.78	1.55	1.28	7.53	6.53	.81	.67	.57	.64	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2000, BY WATER YEAR (WY)

MEAN	58.7	73.0	77.8	171	147	196	118	72.3	65.5	62.5	43.4	44.3
MAX	271	190	144	338	379	433	304	205	177	197	119	73.0
(WY)	1996	1993	1995	1996	1990	1996	2000	1991	1997	1989	1992	1988
MIN	22.4	28.9	35.2	49.1	61.3	72.6	48.0	27.1	19.1	25.5	20.3	18.5
(WY)	1991	1991	2000	1991	2000	1992	1990	1992	1988	1988	1988	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1988 - 2000	
ANNUAL TOTAL	29295		31151			
ANNUAL MEAN	80.3		85.1		94.4	
HIGHEST ANNUAL MEAN					151	1996
LOWEST ANNUAL MEAN					58.7	1992
HIGHEST DAILY MEAN	1570	Jun 28	4040	Apr 3	4250	Mar 6 1996
LOWEST DAILY MEAN	15	Sep 26, 27	14	Sep 28	14	Several days
ANNUAL SEVEN-DAY MINIMUM	18	Sep 22	16	Sep 14	15	Sep 15 1997
INSTANTANEOUS PEAK FLOW			11300	Mar 11	11300	Mar 11 2000
INSTANTANEOUS PEAK STAGE			18.35	Mar 11	18.35	Mar 11 2000
ANNUAL RUNOFF (CFSM)	1.55		1.64		1.82	
ANNUAL RUNOFF (INCHES)	21.00		22.33		24.72	
10 PERCENT EXCEEDS	149		118		163	
50 PERCENT EXCEEDS	42		32		46	
90 PERCENT EXCEEDS	20		18		22	

e Estimated

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.--Specific conductance values exceeded mini-monitor limits during several periods in July and August 1995. August 16, 1995 limits were changed to read 0-10,000 microSiemens. Records good.
EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 1,790 microSiemens, Nov. 7, 1998; minimum, 84 microSiemens, Apr. 8, 1998.
WATER TEMPERATURES: Maximum, 30.2°C, July 25, 1993; minimum, 0°C, Dec. 23, 24, 1989.
DISSOLVED OXYGEN: Maximum, 17.7 mg/L, Feb. 20, 1991; minimum, 2.4 mg/L, May 1, 2000.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 1,620 microSiemens, Oct. 2, 3; minimum, 104 microSiemens, Mar. 10.
WATER TEMPERATURE: Maximum, 29.9°C, July 12; minimum, 3.6°C, Dec. 26.
DISSOLVED OXYGEN: Maximum, 15.1 mg/L, Dec. 30, Feb. 10; minimum, 2.4 mg/L, May 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	1580	1330	1440	1250	208	1010	1070	1040	1050	935	901	918
2	1620	1370	1480	646	211	485	1050	934	1000	950	897	916
3	1620	1440	1530	876	646	781	1000	970	982	959	825	910
4	1520	626	961	995	871	942	1030	968	1000	825	264	401
5	875	662	751	1070	962	1010	1060	989	1030	556	408	493
6	1160	875	1000	1090	1020	1050	1080	963	1050	638	556	598
7	1230	150	780	1080	1020	1050	1150	956	1050	692	633	665
8	---	---	---	1060	1010	1030	1200	1130	1170	739	689	713
9	---	---	---	1080	1020	1050	1210	1130	1180	771	686	743
10	---	---	---	1130	1070	1090	1130	651	918	686	383	486
11	---	---	---	1170	1100	1140	1090	688	912	582	425	511
12	---	---	---	1190	1030	1140	1140	1050	1120	647	581	613
13	---	---	---	1210	1110	1170	1050	381	557	703	646	678
14	---	---	---	1170	1120	1140	776	570	668	755	693	723
15	---	---	---	1170	1060	1120	825	736	784	790	751	773
16	---	---	---	1130	1070	1100	883	799	841	811	790	802
17	---	---	---	1190	1080	1120	916	866	894	808	755	786
18	---	---	---	1170	1090	1130	932	899	913	767	746	759
19	1170	1100	1140	1210	1110	1150	937	711	837	855	763	811
20	1240	1140	1180	1180	579	965	844	728	782	862	809	844
21	1230	1040	1110	866	574	729	867	651	801	943	861	905
22	1190	1120	1160	947	854	901	823	651	746	981	872	951
23	1190	1150	1170	1040	897	982	905	817	869	922	246	389
24	1220	1150	1190	1080	1030	1060	902	796	853	584	438	512
25	1200	1130	1160	1140	1070	1100	898	830	865	669	584	631
26	1200	1100	1140	1130	1080	1100	923	805	858	739	669	712
27	1260	1190	1240	1080	986	1060	925	902	916	772	737	752
28	1260	1220	1250	1090	1030	1070	923	845	891	780	692	762
29	1260	1210	1240	1060	990	1030	974	914	957	692	429	557
30	1310	1180	1240	1080	999	1040	984	888	954	566	429	502
31	1320	1190	1260	---	---	---	955	906	935	648	562	600
MONTH	---	---	---	1250	208	1020	1210	381	916	981	246	691

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	713	648	678	660	636	650	463	423	442	667	649	656
2	753	703	731	726	654	689	457	169	292	673	638	655
3	777	753	765	754	559	733	240	118	182	710	671	686
4	779	755	766	651	512	573	268	185	230	718	702	709
5	826	772	806	718	582	684	316	267	292	728	709	719
6	822	796	810	743	671	721	376	316	346	749	724	737
7	819	787	802	762	716	746	---	---	---	740	718	729
8	837	799	822	769	701	747	---	---	---	748	719	737
9	847	820	833	779	743	762	---	---	---	766	726	743
10	844	818	832	773	104	439	---	---	---	782	719	759
11	881	834	846	---	---	---	---	---	---	805	757	776
12	931	866	905	---	---	---	563	476	517	836	784	810
13	991	256	861	---	---	---	564	505	535	833	809	818
14	491	256	384	486	453	472	576	344	468	832	803	813
15	616	491	561	519	486	500	498	409	462	825	797	809
16	666	616	638	539	508	522	520	489	505	833	771	804
17	730	666	708	569	532	548	533	514	523	844	827	834
18	728	675	701	599	566	584	592	531	564	860	829	840
19	774	689	725	599	170	372	602	569	591	851	821	838
20	807	763	781	388	196	306	633	595	609	867	823	845
21	825	767	794	475	346	387	632	602	618	833	748	803
22	797	758	775	491	439	461	641	611	622	777	632	687
23	791	760	777	535	475	509	639	622	630	753	685	732
24	822	763	789	557	512	529	638	607	621	761	746	754
25	846	799	822	569	539	551	654	622	632	789	756	769
26	871	803	834	597	540	560	652	631	642	780	499	666
27	869	271	460	577	530	560	660	634	650	706	536	635
28	577	438	517	553	523	533	641	476	548	728	498	656
29	636	577	612	568	536	553	644	580	620	647	489	560
30	---	---	---	569	206	346	661	641	650	713	647	688
31	---	---	---	425	343	389	---	---	---	760	704	727
MONTH	991	256	736	---	---	---	---	---	---	867	489	742
		JUNE			JULY			AUGUST			SEPTEMBER	
1	793	760	779	927	836	888	803	486	679	896	876	888
2	799	775	784	930	913	923	834	202	680	886	857	866
3	807	786	793	926	910	919	---	---	---	926	873	903
4	823	763	797	933	918	927	---	---	---	893	841	859
5	768	620	674	940	915	929	---	---	---	915	837	890
6	699	613	664	959	922	938	---	---	---	900	854	873
7	777	699	746	994	959	979	---	---	---	948	900	930
8	809	777	794	1020	994	1020	---	---	---	970	945	958
9	841	809	824	1030	1000	1020	---	---	---	981	968	976
10	855	841	845	1030	1010	1020	---	---	---	984	969	977
11	864	843	854	1090	1020	1030	---	---	---	986	925	968
12	844	830	839	1170	993	1070	---	---	---	969	935	951
13	859	830	842	1040	991	1010	---	---	---	988	944	965
14	884	805	846	1260	1000	1050	---	---	---	1010	899	967
15	886	845	870	1220	904	1060	905	878	891	1060	943	1010
16	875	806	854	1570	1020	1090	953	893	926	1050	987	1020
17	821	740	780	1080	1000	1040	925	885	906	1050	1010	1030
18	798	761	782	1090	993	1040	885	858	875	1050	1020	1030
19	798	551	747	1290	1050	1100	883	841	866	1050	1010	1030
20	789	441	592	1060	1030	1040	893	836	867	1120	1030	1060
21	845	789	828	1040	650	869	903	854	881	1160	992	1090
22	861	843	849	1010	843	955	856	836	847	1130	708	993
23	861	803	833	1030	966	1010	882	836	867	873	696	772
24	880	812	854	1010	855	973	893	835	865	734	419	541
25	894	202	773	1020	835	938	867	692	815	826	597	715
26	550	210	376	1050	853	1010	827	695	770	934	826	889
27	752	550	666	861	413	539	875	827	863	975	925	940
28	961	702	860	910	660	809	883	789	852	1070	975	1020
29	888	788	856	1000	910	975	839	788	814	1120	1070	1090
30	849	768	807	1020	417	970	875	839	859	1100	1070	1080
31	---	---	---	605	371	472	904	875	894	---	---	---
MONTH	961	202	780	1570	371	955	---	---	---	1160	419	943

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	19.9	16.5	18.3	18.0	17.4	17.7	9.2	6.0	7.5	12.4	10.2	11.3
2	20.4	16.3	18.4	17.5	13.8	16.2	9.3	5.8	7.5	14.0	11.4	12.8
3	22.2	18.8	20.3	13.8	11.2	12.6	10.3	7.2	8.8	16.6	13.6	15.3
4	23.1	21.5	22.1	13.0	9.7	11.4	13.3	10.0	11.5	16.6	12.3	14.9
5	21.9	19.1	20.3	13.7	10.0	11.8	13.2	11.9	12.5	12.3	8.5	10.6
6	20.0	16.6	18.5	14.2	10.2	12.2	12.5	9.5	11.5	9.6	6.7	8.1
7	19.8	17.3	18.6	15.4	11.4	13.4	9.9	7.2	8.5	9.4	6.4	7.7
8	20.8	18.4	19.5	16.0	12.7	14.4	9.9	6.4	8.2	10.0	7.2	8.4
9	21.2	20.3	20.7	16.9	13.5	15.1	12.9	9.7	11.2	12.8	10.0	11.8
10	21.8	20.9	21.3	16.9	13.7	15.4	13.8	12.9	13.3	14.0	11.6	13.0
11	22.1	20.2	21.2	17.8	14.8	16.1	13.8	11.6	12.5	12.6	10.0	11.2
12	21.4	19.4	20.6	16.5	13.3	15.0	14.2	10.7	12.3	12.8	9.8	11.2
13	22.6	20.7	21.4	15.8	13.6	14.5	15.6	14.1	14.8	15.0	11.8	13.2
14	21.9	19.2	20.4	16.5	13.2	14.7	14.2	11.0	13.0	11.8	8.3	9.9
15	19.7	17.2	18.6	15.1	12.3	13.8	12.3	9.7	10.9	9.5	6.4	7.9
16	21.0	17.8	19.3	13.0	10.2	11.6	10.1	7.6	8.8	11.1	7.3	9.1
17	20.9	18.0	19.5	12.0	8.8	10.4	9.4	6.3	7.7	12.6	11.1	12.0
18	20.2	18.0	19.1	12.0	8.3	10.1	9.3	7.5	8.4	13.4	12.1	12.6
19	18.5	16.6	17.5	13.7	9.9	11.8	12.1	9.3	11.0	12.1	10.8	11.1
20	18.2	15.9	17.0	15.7	13.1	14.3	13.4	11.9	12.4	11.7	8.5	10.6
21	16.2	13.3	14.9	16.4	14.3	15.4	12.3	9.5	10.9	8.5	6.2	7.3
22	16.4	12.7	14.5	17.3	14.5	15.8	9.7	7.2	8.6	7.7	5.9	6.5
23	15.1	12.8	14.0	16.7	13.9	15.3	8.5	5.8	7.0	8.4	7.0	7.7
24	13.2	10.5	11.9	16.8	14.2	15.6	7.8	5.4	6.5	9.1	7.1	8.2
25	13.0	9.6	11.3	16.0	14.9	15.5	6.7	4.6	5.5	7.2	5.6	6.4
26	13.6	9.9	11.8	15.3	12.0	14.2	7.1	3.6	5.2	6.5	4.7	5.5
27	14.9	11.2	13.0	12.6	9.6	11.1	7.3	4.4	5.7	6.7	3.7	5.2
28	15.8	12.3	14.0	12.6	9.0	10.7	7.5	5.3	6.1	6.2	4.7	5.5
29	16.3	13.0	14.6	12.1	9.3	10.6	7.6	4.3	5.8	6.8	5.8	6.2
30	16.8	13.4	15.1	10.1	7.6	8.9	8.8	4.9	6.8	7.9	6.5	7.1
31	18.2	15.4	16.8	---	---	---	10.8	7.8	9.3	8.0	5.8	6.6
MONTH	23.1	9.6	17.6	18.0	7.6	13.5	15.6	3.6	9.3	16.6	3.7	9.5
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	5.1	6.6	17.1	13.2	14.9	18.7	15.3	17.1	21.0	16.6	18.9
2	8.6	5.3	6.8	16.5	12.5	14.4	17.7	16.2	17.1	21.3	18.1	19.7
3	8.8	4.6	6.7	14.8	12.2	13.7	17.7	15.8	17.0	22.4	19.1	20.7
4	9.5	6.1	7.6	16.5	13.6	14.6	16.3	14.5	15.4	23.6	19.7	21.6
5	9.3	6.3	7.4	16.3	11.3	13.7	16.6	12.7	14.6	23.9	20.1	22.0
6	8.5	4.5	6.4	16.9	11.5	14.1	18.7	14.0	16.1	23.8	20.9	22.3
7	9.4	5.5	7.3	17.5	12.5	15.0	21.2	14.0	16.9	24.2	20.2	22.2
8	10.9	6.8	8.7	18.8	13.5	16.0	---	---	---	24.6	20.5	22.6
9	11.7	7.4	9.4	18.3	15.6	16.9	---	---	---	24.0	21.1	22.6
10	12.5	8.1	10.3	17.3	15.0	16.0	---	---	---	23.3	21.8	22.5
11	14.9	11.5	13.1	---	---	---	---	---	---	24.5	20.2	22.4
12	15.9	13.4	14.3	---	---	---	16.5	15.7	16.0	25.9	22.1	23.9
13	15.1	12.6	13.7	---	---	---	16.2	15.2	15.7	25.6	23.1	24.3
14	14.6	12.7	13.7	15.4	11.3	13.4	15.8	14.3	14.9	23.9	20.6	22.3
15	13.6	10.5	12.1	16.7	13.5	15.1	17.1	14.7	15.6	22.2	18.2	20.3
16	14.2	11.9	13.0	17.2	15.7	16.3	19.1	15.0	17.0	22.6	19.0	20.8
17	14.2	12.5	13.5	17.1	14.6	15.9	21.2	16.7	18.6	23.9	19.7	21.8
18	17.0	14.1	15.7	15.8	13.2	14.5	20.2	15.5	17.8	25.2	21.7	23.5
19	16.6	12.4	14.9	14.6	12.4	13.3	21.0	15.3	18.1	24.7	22.8	23.8
20	13.9	10.4	11.9	14.7	13.0	13.7	21.0	17.2	19.1	23.9	22.3	23.1
21	13.1	8.6	10.8	16.1	12.1	14.1	20.0	16.6	18.0	24.3	22.2	23.2
22	14.1	9.5	11.7	17.4	13.7	15.4	19.2	14.1	16.6	24.6	21.4	23.0
23	15.2	11.5	13.4	18.3	13.7	16.0	17.2	15.0	16.0	24.6	21.7	23.3
24	18.0	13.6	15.6	19.4	15.0	17.0	18.4	15.7	16.8	26.1	23.0	24.5
25	18.1	14.0	16.1	18.8	15.8	17.4	18.4	15.8	17.0	26.8	24.1	25.2
26	18.1	14.5	16.4	19.0	17.1	17.9	19.5	14.5	17.0	25.3	23.6	24.5
27	17.1	14.0	15.6	18.7	15.8	17.2	19.7	14.6	17.2	27.3	23.7	25.3
28	15.4	11.7	13.4	18.1	13.7	16.0	17.9	16.4	17.2	26.1	23.4	24.8
29	15.2	10.7	13.0	16.1	14.3	15.1	19.4	14.7	17.1	23.9	21.0	22.5
30	---	---	---	15.7	12.8	14.4	20.9	15.6	18.3	24.2	20.2	22.3
31	---	---	---	18.8	14.3	16.4	---	---	---	25.3	21.1	23.2
MONTH	18.1	4.5	11.7	---	---	---	---	---	---	27.3	16.6	22.7

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	25.0	21.5	23.4	26.6	22.6	24.5	27.7	24.5	26.0	26.9	24.9	25.8
2	25.7	22.0	23.8	27.1	22.7	24.9	26.6	23.8	25.3	26.6	24.4	25.6
3	26.4	22.8	24.6	27.7	23.5	25.6	26.5	23.4	24.8	27.5	24.2	25.7
4	25.4	23.6	24.3	28.3	24.6	26.5	26.5	24.2	25.5	27.8	24.4	26.0
5	23.6	22.5	22.8	28.3	24.7	26.6	27.7	23.6	25.6	27.1	25.1	26.1
6	23.4	20.8	22.1	28.8	25.2	27.0	28.8	25.3	27.0	26.0	22.8	24.3
7	23.4	19.1	21.3	29.5	26.0	27.7	29.3	26.0	27.6	22.8	21.7	22.0
8	24.5	19.9	22.2	28.4	25.2	26.9	29.6	26.6	28.0	23.8	21.8	22.6
9	24.5	21.2	23.0	29.5	26.2	27.8	29.4	26.7	28.0	24.5	22.8	23.6
10	26.1	21.9	23.9	28.9	26.8	27.9	29.1	25.4	27.2	24.8	23.4	24.1
11	26.4	22.8	24.6	29.8	26.5	28.1	27.6	25.0	26.4	25.7	22.4	24.0
12	26.6	23.4	25.0	29.9	26.9	28.4	26.7	23.5	25.1	25.5	23.7	24.5
13	26.1	23.9	25.0	29.8	26.5	28.2	26.3	22.5	24.4	26.3	24.3	25.2
14	27.0	23.6	25.3	29.8	26.7	28.2	26.3	22.2	24.2	26.7	24.2	25.4
15	27.3	24.7	25.9	29.1	25.5	27.3	27.3	23.0	25.1	25.3	22.9	24.1
16	26.2	24.9	25.5	29.4	25.8	27.5	28.3	24.2	26.2	22.9	19.9	21.3
17	26.6	23.9	25.2	28.1	24.5	26.4	29.0	25.1	27.0	21.1	17.8	19.5
18	27.0	23.9	25.5	27.5	24.2	25.8	29.0	25.7	27.4	21.2	17.4	19.3
19	27.0	24.8	25.9	29.3	25.1	27.1	29.0	26.4	27.6	22.0	17.9	19.9
20	28.3	24.3	26.2	29.7	26.4	28.0	27.5	23.9	25.9	24.6	20.6	22.4
21	27.8	25.2	26.6	29.0	26.0	27.5	27.1	24.1	25.5	25.2	23.2	24.1
22	27.5	25.5	26.5	28.6	25.5	27.0	26.9	24.1	25.4	25.1	23.9	24.4
23	28.1	24.2	26.1	27.5	25.3	26.4	26.9	23.8	25.4	25.0	23.0	23.9
24	28.1	24.0	26.1	26.7	23.9	25.4	27.8	24.3	25.9	25.5	23.5	24.5
25	26.7	22.7	25.6	26.4	23.8	25.1	28.1	25.1	26.5	24.7	21.6	23.8
26	26.5	22.1	24.0	26.6	24.6	25.5	26.6	24.4	25.4	21.6	18.6	19.9
27	27.2	24.3	25.7	26.6	22.9	24.8	25.8	23.5	24.6	19.7	16.0	17.9
28	26.7	25.2	25.9	27.9	24.0	25.9	26.7	23.8	25.3	19.7	16.2	17.9
29	25.6	24.4	25.0	27.5	24.6	26.1	28.2	24.5	26.2	19.9	16.2	18.0
30	25.6	22.4	24.0	28.3	25.2	26.4	28.5	25.5	26.9	20.5	16.6	18.4
31	---	---	---	26.6	24.2	25.2	27.0	24.7	25.9	---	---	---
MONTH	28.3	19.1	24.7	29.9	22.6	26.6	29.6	22.2	26.0	27.8	16.0	22.8

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.8	5.4	6.7	8.7	6.2	7.3	13.1	10.9	11.8	13.9	10.6	11.7
2	8.3	5.2	6.8	8.8	5.6	7.8	13.2	10.6	11.6	14.5	10.3	11.6
3	9.0	5.6	7.1	10.4	7.3	8.4	12.2	9.6	11.0	13.9	8.3	10.7
4	---	---	---	9.1	7.9	8.5	12.1	7.6	9.9	9.7	8.3	9.2
5	---	---	---	9.1	7.7	8.4	9.3	8.4	8.8	11.3	9.6	10.6
6	---	---	---	9.3	7.6	8.4	11.2	8.6	9.7	13.3	11.1	12.0
7	---	---	---	9.6	7.5	8.3	12.3	9.9	10.8	13.2	11.0	11.9
8	7.3	4.9	6.4	9.8	7.1	8.2	12.5	9.7	11.0	13.0	10.5	11.6
9	---	---	---	10.4	6.9	8.1	10.7	8.4	9.5	10.5	8.7	9.7
10	---	---	---	10.7	6.7	8.0	8.6	7.9	8.2	9.7	8.7	9.0
11	---	---	---	11.1	6.4	7.9	9.9	8.1	8.7	9.7	8.8	9.3
12	7.0	4.5	6.0	11.9	6.5	8.3	10.1	8.0	8.9	11.1	9.3	9.9
13	7.4	6.6	6.9	11.5	6.9	8.2	8.6	7.5	8.1	10.4	8.1	9.3
14	7.4	6.1	7.1	11.9	6.7	8.3	9.5	8.2	8.8	11.1	8.2	9.6
15	8.5	7.1	7.8	11.7	6.6	8.3	10.9	9.0	9.7	12.2	9.0	10.4
16	8.6	7.2	7.8	12.3	7.5	9.1	11.4	9.8	10.6	11.7	9.2	10.4
17	8.8	6.8	7.8	12.6	8.2	9.7	12.1	10.6	11.2	9.3	8.6	9.0
18	9.6	7.1	8.0	12.9	8.6	10.0	11.5	10.3	10.9	9.4	7.9	8.8
19	10.6	7.9	8.8	12.7	7.8	9.7	10.4	9.2	9.9	10.0	7.2	9.1
20	10.8	7.6	8.9	8.0	6.3	7.3	10.6	8.9	9.6	11.4	8.7	9.7
21	11.3	8.0	9.4	7.4	6.0	6.7	10.4	9.2	9.8	12.6	9.8	11.0
22	11.8	8.1	9.5	7.3	3.6	6.0	11.3	10.2	10.8	11.7	10.6	11.1
23	12.8	7.9	9.9	8.0	3.1	5.5	12.4	11.2	11.6	10.9	4.3	8.9
24	13.8	9.4	11.0	7.8	3.4	5.6	12.6	11.6	12.0	---	---	---
25	14.5	10.2	11.5	9.3	5.1	7.4	14.0	11.8	12.8	---	---	---
26	14.9	9.7	11.5	10.6	5.5	8.5	14.4	12.5	13.3	---	---	---
27	14.6	9.1	10.9	11.6	6.3	9.8	14.3	12.5	13.1	---	---	---
28	14.4	8.6	10.4	12.1	7.6	10.3	14.5	12.6	13.1	---	---	---
29	14.5	8.3	10.2	10.9	5.7	8.3	14.8	12.6	13.3	---	---	---
30	13.5	7.8	9.7	13.1	10.1	11.3	15.1	11.8	13.2	---	---	---
31	12.9	6.8	9.1	---	---	---	14.3	10.9	12.3	---	---	---
MONTH	---	---	---	13.1	3.1	8.3	15.1	7.5	10.8	---	---	---

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, 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
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	9.1	6.3	7.4	---	---	---	7.6	2.4	4.7
2	---	---	---	11.2	4.5	7.9	---	---	---	10.0	2.5	6.6
3	12.7	10.8	11.6	10.8	7.3	8.4	---	---	---	10.8	5.3	7.5
4	12.7	10.9	11.5	9.8	6.9	7.8	---	---	---	10.0	5.0	6.9
5	13.4	11.0	11.9	9.8	6.3	7.6	---	---	---	9.3	5.0	6.5
6	14.1	11.5	12.6	10.2	6.1	7.6	---	---	---	8.7	5.2	6.5
7	14.4	11.4	12.6	10.2	5.7	7.5	---	---	---	8.9	5.2	6.6
8	14.4	11.0	12.4	11.6	5.8	7.8	---	---	---	9.0	5.3	6.6
9	14.9	11.0	12.3	10.7	6.3	7.8	---	---	---	8.8	5.5	6.8
10	15.1	10.5	12.2	7.6	4.6	5.9	---	---	---	8.8	5.5	6.7
11	14.1	10.0	11.4	---	---	---	---	---	---	8.9	5.1	6.8
12	14.7	9.7	11.1	---	---	---	8.8	5.5	6.2	8.5	4.4	6.1
13	12.8	6.2	10.6	---	---	---	7.0	5.7	6.6	8.0	4.3	5.5
14	---	---	---	8.8	7.1	8.2	7.3	6.2	6.6	9.5	4.3	6.4
15	---	---	---	8.7	8.0	8.4	7.3	6.4	6.9	10.9	6.0	7.8
16	---	---	---	9.0	6.6	8.3	7.7	5.9	6.7	11.2	6.3	7.9
17	---	---	---	9.0	7.3	8.2	7.1	5.4	6.4	11.7	5.9	8.0
18	9.4	7.0	7.8	9.3	7.9	8.8	9.2	6.0	7.3	11.0	5.3	7.2
19	8.4	7.0	7.6	10.5	5.1	8.5	10.0	6.2	7.5	9.7	5.2	6.8
20	9.3	7.1	8.0	10.7	7.5	9.8	9.7	5.8	7.1	8.5	5.0	6.2
21	10.6	7.6	8.6	---	---	---	10.5	5.4	7.6	8.4	5.1	6.2
22	11.8	7.8	9.2	---	---	---	12.1	6.4	8.6	8.8	5.3	6.5
23	12.7	7.9	9.6	---	---	---	10.6	6.7	8.0	8.3	4.8	6.1
24	13.5	7.4	9.4	---	---	---	9.8	6.9	7.8	9.8	4.8	6.4
25	13.4	7.2	9.2	---	---	---	9.9	6.6	8.0	9.4	4.8	6.2
26	12.9	6.4	8.7	---	---	---	11.1	6.6	8.4	6.5	5.0	5.4
27	7.9	5.9	7.1	9.8	4.1	7.6	11.7	6.4	8.3	7.2	4.8	5.7
28	8.2	6.9	7.8	11.8	5.0	8.2	8.4	5.7	7.0	6.1	4.8	5.4
29	9.7	6.6	7.8	7.8	4.1	5.7	9.4	4.3	6.9	7.6	5.7	6.6
30	---	---	---	---	---	---	9.7	3.9	6.1	8.9	6.2	7.2
31	---	---	---	---	---	---	---	---	---	9.4	6.3	7.4
MONTH	---	---	---	---	---	---	---	---	---	11.7	2.4	6.6
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.5	6.2	7.3	10.1	6.2	7.6	11.2	8.9	10.4	10.2	5.9	7.5
2	9.7	5.0	7.4	11.0	6.2	7.9	11.8	9.6	10.7	10.2	6.0	7.4
3	10.3	5.9	7.4	12.3	6.1	8.4	---	---	---	10.3	5.9	7.3
4	7.1	5.4	6.2	13.0	6.1	8.6	---	---	---	11.5	5.9	7.6
5	6.7	6.0	6.3	13.9	5.6	8.7	---	---	---	10.5	5.7	7.4
6	10.0	5.9	7.6	14.5	5.8	8.8	---	---	---	9.1	6.1	7.3
7	10.6	7.1	8.4	14.4	5.6	8.5	---	---	---	9.1	6.9	7.8
8	11.1	7.2	8.7	13.5	5.6	8.6	---	---	---	9.3	7.0	7.8
9	11.0	7.1	8.5	13.8	5.9	8.7	---	---	---	9.2	6.7	7.7
10	11.5	7.0	8.5	11.6	5.5	7.7	---	---	---	9.4	6.3	7.4
11	11.6	6.8	8.5	13.4	6.1	8.5	---	---	---	10.6	6.2	7.6
12	11.7	6.6	8.4	14.3	6.1	8.8	---	---	---	8.7	6.0	7.0
13	10.9	6.2	7.8	13.3	6.1	8.5	---	---	---	10.2	5.6	7.3
14	10.9	6.8	8.1	13.5	5.8	8.4	---	---	---	10.9	6.0	7.6
15	10.6	6.5	7.7	12.7	6.1	7.9	---	---	---	10.1	6.0	7.4
16	9.3	6.5	7.6	12.2	5.9	7.8	10.7	6.2	7.9	9.9	6.6	7.8
17	10.3	6.5	7.9	12.9	6.2	8.4	---	---	---	10.2	7.0	8.3
18	11.5	6.3	8.2	12.2	6.5	8.4	---	---	---	10.3	7.6	8.5
19	11.6	6.4	7.9	11.2	6.5	8.4	---	---	---	9.7	6.9	8.2
20	9.5	6.6	7.6	13.3	7.4	9.3	---	---	---	9.7	7.2	8.1
21	8.0	5.5	6.9	13.1	8.0	9.9	---	---	---	9.2	6.0	7.4
22	8.2	5.3	6.4	13.8	7.5	9.7	---	---	---	8.4	6.3	7.4
23	9.0	5.5	6.6	12.7	8.1	9.9	---	---	---	8.6	6.4	7.4
24	9.5	5.5	6.8	12.8	8.8	10.2	---	---	---	7.3	5.3	6.7
25	7.7	5.1	6.3	12.6	8.5	9.9	---	---	---	7.9	4.6	6.9
26	7.2	5.9	6.6	12.1	8.7	10.0	---	---	---	8.5	6.1	7.5
27	7.4	5.5	6.4	9.0	7.4	8.4	---	---	---	9.2	5.6	7.6
28	7.3	4.9	6.0	10.5	8.5	9.3	---	---	---	9.6	6.8	8.6
29	7.7	5.5	6.4	12.4	9.0	10.4	---	---	---	9.7	7.2	8.5
30	9.0	6.0	7.2	12.6	9.8	10.6	---	---	---	10.3	7.1	8.7
31	---	---	---	11.1	10.5	10.8	---	---	---	---	---	---
MONTH	11.7	4.9	7.4	14.5	5.5	8.9	---	---	---	11.5	4.6	7.7

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL

LOCATION.--Lat 33°38'32", long 86°57'15", in NW$^1/_4$ 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 mi^2.

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.--Estimated daily discharges: Nov. 3, 4, Dec. 16, 22, 23, 25, Jan. 3-18, 23-27, 30, 31, Feb. 1, 2, 9, 10, 14, 15, 20-22, 27-29, Mar. 5, 7, 8, 12-14, 17-23, Apr. 5, 18, 19. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	59	28	38	e120	130	320	86	44	40	99	33
2	34	230	28	33	e105	110	1620	81	43	37	86	32
3	34	e70	28	e37	e95	100	6750	78	39	38	202	32
4	122	e50	28	e300	88	146	2500	73	45	37	66	30
5	69	42	27	e90	79	e110	e1100	76	71	34	66	32
6	42	35	33	e55	74	100	750	73	73	34	48	31
7	37	31	32	e45	71	e90	560	70	55	33	43	29
8	35	31	33	e43	68	e84	450	66	48	38	43	32
9	40	33	33	e80	e65	79	330	68	43	33	43	33
10	396	32	60	e200	e63	697	280	66	43	33	85	29
11	103	31	52	e95	62	6100	226	63	37	32	101	29
12	63	31	40	e70	60	e1100	238	59	44	32	56	29
13	48	30	296	e60	110	e650	223	57	68	32	46	35
14	44	32	116	e54	e350	e440	289	55	54	32	50	34
15	39	30	71	e50	e170	350	252	51	56	31	53	33
16	37	30	e58	e48	137	297	203	53	65	34	35	32
17	36	29	47	e90	116	e260	181	55	61	36	34	28
18	35	29	45	e80	108	e220	e160	52	51	33	32	28
19	36	29	65	71	97	e765	e150	52	68	34	31	28
20	35	54	55	71	e88	e1500	140	58	83	37	29	28
21	43	70	68	56	e79	e700	129	67	50	46	29	32
22	37	43	e100	60	e74	e500	120	70	43	34	30	45
23	34	35	e75	e450	70	e370	120	57	43	31	30	53
24	32	32	53	e200	66	309	125	55	35	33	30	115
25	32	31	e45	e140	64	257	116	55	35	29	38	43
26	33	29	41	e100	62	248	107	98	118	33	35	34
27	32	27	42	e85	e350	300	100	81	58	64	32	29
28	32	27	41	88	e200	250	140	77	49	37	35	23
29	33	28	39	150	e150	207	103	73	56	35	29	25
30	32	28	38	e200	---	688	92	54	53	38	30	24
31	32	---	38	e150	---	466	---	51	---	160	31	---
TOTAL	1697	1288	1755	3289	3241	17623	17874	2030	1631	1230	1597	1040
MEAN	54.7	42.9	56.6	106	112	568	596	65.5	54.4	39.7	51.5	34.7
MAX	396	230	296	450	350	6100	6750	98	118	160	202	115
MIN	32	27	27	33	60	79	92	51	35	29	29	23
CFSM	.60	.47	.62	1.16	1.22	6.20	6.50	.71	.59	.43	.56	.38
IN.	.69	.52	.71	1.33	1.31	7.15	7.25	.82	.66	.50	.65	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2000, BY WATER YEAR (WY)

MEAN	67.7	78.7	120	433	314	465	432	115	160	103	71.6	52.6
MAX	113	134	160	744	560	568	596	168	329	184	113	92.5
(WY)	1998	1998	1998	1998	1998	2000	2000	1997	1997	1997	1998	1997
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1997 - 2000	
ANNUAL TOTAL	55428		54295			
ANNUAL MEAN	152		148		191	
HIGHEST ANNUAL MEAN					266	1998
LOWEST ANNUAL MEAN					148	2000
HIGHEST DAILY MEAN	3010	Jan 23	6750	Apr 3	8070	Jan 7 1998
LOWEST DAILY MEAN	27	Nov 27	23	Sep 28	23	Sep 28 2000
ANNUAL SEVEN-DAY MINIMUM	28	Nov 27	28	Nov 27	28	Nov 27 1999
INSTANTANEOUS PEAK FLOW			10700	Mar 11	15700	Jan 7 1998
INSTANTANEOUS PEAK STAGE			16.45	Mar 11	18.24	Jan 7 1998
ANNUAL RUNOFF (CFSM)	1.66		1.62		2.08	
ANNUAL RUNOFF (INCHES)	22.49		22.03		28.30	
10 PERCENT EXCEEDS	318		251		370	
50 PERCENT EXCEEDS	69		54		78	
90 PERCENT EXCEEDS	33		30		35	

e Estimated

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.--Periods of missing record are due to equipment malfunction.
EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE.--Maximum, 1,200 microSiemens, Oct. 24, Nov. 8, 1998; minimum, 112 microSiemens, June 14, 1997.
WATER TEMPERATURE.--Maximum, 30.1°C, Aug. 13, 1999; minimum, 3.9°C, Dec. 26, 1999.
DISSOLVED OXYGEN.--Maximum, 18.8 mg/L, Apr. 27, 2000; minimum, 4.0 mg/L, Sept. 9, 1999.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE.--Maximum, 1,010 microSiemens, Oct. 19, Nov. 8; minimum, 131 microSiemens, Mar. 11.
WATER TEMPERATURE.--Maximum, 29.8°C, July 20; minimum, 3.9°C, Dec. 26.
DISSOLVED OXYGEN.--Maximum, 18.8 mg/L, Apr. 27; minimum, 3.4 mg/L, Jan. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	791	771	778	958	690	871	843	806	825	725	701	712
2	771	753	763	---	---	---	850	832	845	719	701	708
3	779	749	760	---	---	---	855	826	840	713	673	691
4	773	737	751	---	---	---	842	774	797	673	316	445
5	778	751	764	---	---	---	810	786	795	465	332	389
6	809	774	787	---	---	---	811	785	796	528	465	501
7	815	757	793	---	---	---	860	784	818	564	528	549
8	909	815	860	---	---	---	848	797	820	591	559	578
9	910	884	899	---	---	---	914	822	874	602	553	592
10	928	304	657	---	---	---	918	865	881	553	355	441
11	589	336	455	---	---	---	907	649	819	423	344	379
12	694	572	635	---	---	---	709	608	657	477	423	454
13	822	694	761	---	---	---	692	378	551	511	477	494
14	844	743	789	---	---	---	500	377	431	532	511	524
15	826	776	794	---	---	---	584	500	541	562	531	545
16	891	784	817	876	850	862	644	584	619	585	562	574
17	921	852	886	871	821	837	684	644	669	585	573	580
18	988	883	938	878	834	847	721	680	700	579	555	572
19	1010	886	938	906	877	885	707	686	696	555	549	551
20	901	880	887	906	842	864	747	644	709	590	554	570
21	908	870	886	870	667	814	648	608	620	607	590	602
22	967	904	944	667	576	605	688	569	645	624	604	614
23	912	860	880	736	657	709	645	569	603	623	319	446
24	919	905	911	764	708	737	695	640	671	432	338	387
25	929	889	904	817	763	792	695	663	679	502	432	466
26	939	880	908	847	800	812	697	663	683	546	502	522
27	900	877	884	864	838	848	693	668	681	573	546	563
28	912	847	866	865	826	840	701	675	688	577	564	573
29	937	911	919	851	818	831	695	684	688	567	466	528
30	951	926	934	855	815	832	732	690	711	466	401	417
31	957	913	933	---	---	---	758	707	736	473	425	451
MONTH	1010	304	828	---	---	---	918	377	713	725	316	530

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	518	473	496	489	454	471	430	365	399	583	565	575
2	561	518	537	523	488	505	429	159	327	587	567	580
3	582	561	572	542	523	537	277	167	242	616	575	589
4	596	582	591	569	495	536	308	241	267	613	594	604
5	606	594	599	549	488	512	375	308	347	628	602	614
6	634	606	625	590	537	571	412	375	396	631	613	621
7	637	616	627	602	587	594	441	412	422	635	620	629
8	636	614	623	619	602	612	456	441	452	641	627	634
9	652	623	642	633	618	625	457	450	453	637	608	630
10	663	647	654	636	141	405	473	456	463	648	628	635
11	672	653	660	319	131	229	505	473	490	670	640	654
12	680	659	669	367	319	345	508	484	501	671	655	665
13	721	337	663	401	367	382	496	470	481	707	671	686
14	435	322	350	432	401	418	505	403	485	703	679	689
15	426	348	388	456	432	443	447	381	412	691	676	686
16	481	426	456	476	456	466	471	446	459	697	673	682
17	534	481	503	503	476	491	486	471	476	690	675	682
18	543	525	534	530	503	514	506	484	490	700	680	690
19	545	526	532	530	197	325	527	504	513	---	---	---
20	573	533	551	283	155	239	539	516	530	---	---	---
21	592	573	581	327	283	307	542	532	536	692	678	687
22	606	578	592	356	327	341	546	541	543	697	652	680
23	599	583	589	382	356	368	552	534	546	650	584	626
24	611	590	598	402	382	393	548	539	542	633	581	611
25	617	602	610	421	401	412	554	540	544	641	603	632
26	630	614	621	430	421	426	577	554	567	603	513	572
27	630	293	417	436	426	430	585	564	577	586	490	549
28	391	296	347	457	426	436	581	530	567	554	498	516
29	454	391	421	482	457	470	541	492	511	591	521	570
30	---	---	---	486	185	313	570	541	558	498	464	477
31	---	---	---	365	285	329	---	---	---	561	497	535
MONTH	721	293	553	636	131	434	585	159	470	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	590	561	576	724	693	710	568	411	512	811	782	795
2	620	589	603	747	682	706	677	487	561	824	803	814
3	639	618	629	780	743	760	685	253	337	815	801	809
4	637	624	630	780	762	767	523	358	442	815	787	798
5	626	595	614	788	759	768	687	523	604	810	788	803
6	598	546	567	788	766	772	701	615	663	795	741	766
7	581	568	574	788	756	766	697	672	684	789	745	769
8	628	570	602	814	774	792	734	688	703	796	755	769
9	665	628	648	827	805	813	735	714	722	820	782	806
10	690	662	674	827	777	791	769	720	744	837	820	828
11	721	689	704	795	774	780	761	451	584	856	817	836
12	760	714	736	---	---	---	618	430	462	845	816	830
13	752	370	659	---	---	---	574	442	506	822	757	792
14	693	573	655	---	---	---	670	574	625	794	772	784
15	734	680	716	---	---	---	728	666	694	811	791	798
16	694	580	628	---	---	---	748	714	729	849	772	802
17	714	639	682	---	---	---	779	741	750	848	776	805
18	716	674	705	---	---	---	780	755	767	838	791	814
19	678	482	618	---	---	---	777	750	760	840	802	817
20	665	559	622	822	765	786	760	746	753	834	805	817
21	567	503	535	852	822	842	763	734	747	826	808	816
22	686	558	646	886	817	855	748	737	743	870	815	836
23	711	686	699	855	673	732	760	745	752	883	565	788
24	717	697	710	814	760	781	755	742	749	727	453	614
25	711	636	679	821	796	805	774	753	761	632	469	509
26	801	325	504	803	708	756	797	757	772	582	500	534
27	463	336	391	841	710	797	797	710	754	713	582	641
28	639	463	574	807	505	628	772	714	732	740	706	720
29	705	552	613	636	518	571	788	759	780	754	731	739
30	742	714	729	727	636	690	797	751	777	798	754	776
31	---	---	---	804	410	555	782	751	762	---	---	---
MONTH	801	325	631	---	---	---	797	253	675	883	453	768

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	19.8	17.1	18.1	16.9	16.1	16.5	8.3	6.6	7.4	11.3	9.4	10.3
2	18.4	16.7	17.6	17.3	13.8	16.4	7.9	5.8	6.9	12.9	10.6	11.7
3	19.9	17.8	18.6	---	---	---	9.0	6.9	7.9	15.8	12.7	14.3
4	20.8	19.7	20.2	---	---	---	11.6	8.9	10.1	15.8	12.8	14.6
5	20.6	18.8	19.5	---	---	---	12.3	11.1	11.7	12.8	9.3	10.9
6	19.2	17.0	17.8	---	---	---	11.8	9.2	10.9	9.3	7.4	8.3
7	18.7	17.0	17.8	---	---	---	9.2	7.1	8.0	8.3	6.7	7.6
8	19.8	18.1	18.8	---	---	---	8.6	5.9	7.3	9.0	7.2	7.9
9	20.5	19.7	20.0	---	---	---	11.0	8.4	9.5	11.7	9.0	10.6
10	21.2	20.3	20.7	---	---	---	12.2	11.0	11.7	12.8	11.2	12.1
11	21.4	20.6	21.0	---	---	---	12.3	11.0	11.7	11.7	10.2	11.1
12	21.2	20.0	20.8	---	---	---	12.7	10.2	11.3	11.8	9.9	10.9
13	21.5	20.7	21.0	---	---	---	13.6	12.6	13.1	13.5	11.4	12.4
14	21.3	20.1	20.7	---	---	---	13.2	10.7	12.1	11.8	8.7	9.9
15	20.7	18.5	19.3	---	---	---	10.7	9.8	10.2	8.7	6.9	7.8
16	19.7	18.3	18.9	12.4	10.5	11.4	9.9	8.1	8.8	10.1	7.4	8.5
17	19.8	18.8	19.3	11.0	9.2	10.1	8.1	6.5	7.4	11.9	10.1	11.0
18	19.8	18.9	19.3	10.7	8.5	9.6	8.4	7.1	7.8	13.3	11.9	12.3
19	19.1	17.3	18.1	12.6	9.5	11.0	11.7	8.4	9.9	12.0	10.6	11.0
20	17.5	16.1	16.9	14.6	12.2	13.2	12.8	11.7	12.1	10.6	9.0	10.2
21	16.1	13.6	14.8	15.9	14.6	15.2	12.1	9.5	10.6	9.0	6.8	7.5
22	15.5	12.7	14.2	16.4	14.4	15.3	9.5	7.9	8.8	6.9	6.2	6.4
23	15.0	12.9	13.7	15.7	14.0	15.0	7.9	6.3	7.1	8.1	6.9	7.6
24	13.1	10.8	11.8	16.3	14.2	15.3	7.1	5.7	6.4	8.8	7.6	8.2
25	12.0	9.7	11.0	15.6	14.4	14.9	6.2	4.8	5.4	7.6	6.1	6.8
26	12.7	9.8	11.3	14.4	12.3	13.6	5.9	3.9	5.0	6.4	5.2	5.7
27	13.8	10.9	12.3	12.3	10.1	11.1	6.0	4.5	5.3	6.1	4.2	5.3
28	14.7	12.0	13.3	11.4	9.4	10.5	6.3	5.2	5.7	5.9	4.9	5.5
29	15.1	12.7	14.0	11.0	9.6	10.4	6.3	4.4	5.4	7.0	5.8	6.4
30	15.8	13.1	14.5	10.2	8.1	8.8	7.6	4.9	6.3	7.7	6.8	7.1
31	17.1	14.7	15.9	---	---	---	9.5	7.1	8.2	7.5	6.1	6.8
MONTH	21.5	9.7	17.1	---	---	---	13.6	3.9	8.7	15.8	4.2	9.2
		FEBRUARY			MARCH			APRIL			MAY	
1	7.8	5.6	6.7	16.9	13.2	14.8	17.7	15.1	16.5	20.1	16.5	18.3
2	7.7	5.7	6.7	15.4	12.9	14.2	17.4	15.7	16.5	20.3	17.7	19.0
3	7.9	4.8	6.5	13.9	12.1	13.2	17.1	16.2	16.7	21.8	18.8	20.2
4	8.3	6.1	7.2	15.5	13.1	14.1	16.3	14.8	15.3	22.8	19.6	21.1
5	8.2	6.1	7.1	15.2	11.6	13.5	15.7	13.4	14.6	23.3	20.0	21.6
6	7.4	4.7	6.1	15.7	11.4	13.6	17.3	14.4	15.8	23.6	20.7	22.1
7	8.3	5.4	6.8	16.2	12.3	14.4	17.6	15.6	16.6	23.9	20.3	22.1
8	9.6	6.6	8.1	17.4	13.2	15.4	17.0	13.7	15.6	24.3	20.6	22.3
9	10.1	7.0	8.6	17.5	15.2	16.3	15.5	12.1	13.8	23.9	20.9	22.4
10	11.1	7.7	9.4	16.7	14.3	15.2	16.0	12.9	14.5	23.3	21.6	22.3
11	13.8	10.5	12.0	15.0	13.8	14.7	16.4	14.7	15.6	23.9	20.2	22.0
12	14.6	12.6	13.4	14.0	12.4	13.2	16.0	15.4	15.8	25.1	21.7	23.3
13	14.1	12.1	13.0	14.2	11.7	12.9	15.8	15.0	15.4	25.4	22.7	23.9
14	14.2	12.4	13.3	14.9	11.8	13.3	15.5	14.6	15.0	24.0	20.9	22.5
15	13.1	10.6	11.9	15.9	13.3	14.6	16.4	14.6	15.3	22.2	18.6	20.5
16	13.7	11.6	12.6	16.7	15.3	15.9	18.0	15.0	16.4	22.3	18.8	20.7
17	13.6	12.0	12.9	16.2	14.5	15.5	19.7	16.4	17.9	23.5	19.5	21.5
18	16.4	13.5	15.0	15.0	13.3	14.2	19.1	15.8	17.5	24.9	21.3	23.1
19	16.0	12.3	14.5	14.4	12.5	13.0	19.8	15.7	17.7	---	---	---
20	12.9	10.6	11.7	14.1	13.1	13.5	19.9	17.2	18.6	---	---	---
21	12.3	8.9	10.7	15.5	12.7	14.1	19.2	16.4	17.7	24.1	22.3	23.1
22	13.2	9.6	11.4	16.6	13.8	15.1	18.2	14.4	16.4	24.6	21.5	23.1
23	14.4	11.2	12.8	17.2	13.9	15.6	16.7	15.1	15.8	24.4	21.7	23.0
24	17.2	13.6	15.3	18.0	14.7	16.4	17.6	15.4	16.3	25.6	22.6	24.0
25	17.4	14.3	16.0	17.8	15.6	16.8	17.8	15.8	16.6	26.3	23.6	24.8
26	17.1	14.5	16.0	18.2	16.7	17.4	18.6	14.7	16.7	25.4	23.6	24.6
27	16.7	14.4	15.5	17.7	15.9	16.8	18.6	14.7	16.8	27.1	23.8	25.3
28	15.1	12.5	13.8	17.1	14.1	15.7	17.7	16.1	16.9	25.6	23.9	24.8
29	14.8	11.4	13.1	15.8	14.3	14.9	18.3	14.9	16.7	24.1	21.6	22.9
30	---	---	---	14.6	11.9	13.8	19.8	15.4	17.6	24.4	20.4	22.4
31	---	---	---	17.5	14.2	15.7	---	---	---	25.2	21.0	23.2
MONTH	17.4	4.7	11.3	18.2	11.4	14.8	19.9	12.1	16.3	---	---	---

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	25.1	21.5	23.4	26.9	22.8	24.8	26.9	24.8	25.9	26.9	24.9	26.0
2	25.5	21.8	23.7	27.3	22.9	25.1	26.1	24.7	25.5	26.9	24.9	26.0
3	26.2	22.6	24.5	27.6	23.8	25.7	25.9	23.7	24.9	27.2	24.6	25.9
4	25.4	23.5	24.1	28.1	24.6	26.4	26.2	24.1	25.2	27.7	24.8	26.2
5	23.5	22.5	22.8	28.4	24.8	26.7	27.7	23.9	25.7	27.1	25.5	26.2
6	23.4	21.1	22.1	28.9	25.4	27.1	28.7	25.2	26.9	26.0	23.2	24.5
7	23.3	19.0	21.2	29.7	26.1	27.8	29.2	25.8	27.5	23.2	22.0	22.3
8	24.1	19.6	21.9	28.9	25.6	27.4	29.2	26.5	27.9	23.5	21.8	22.6
9	24.9	20.8	22.9	29.4	26.5	28.0	29.6	26.6	28.1	24.3	22.8	23.6
10	25.4	22.0	23.8	28.6	26.7	27.7	28.9	26.2	27.6	24.7	23.4	24.0
11	26.2	22.6	24.4	29.3	26.6	27.9	27.8	25.6	26.7	25.3	22.7	24.0
12	27.1	23.3	25.2	---	---	---	27.0	23.8	25.4	25.0	23.9	24.5
13	26.3	23.8	24.7	---	---	---	26.2	22.5	24.5	25.6	24.0	24.8
14	26.7	23.2	24.9	---	---	---	26.2	22.2	24.3	26.3	24.1	25.2
15	27.0	24.3	25.5	---	---	---	27.1	22.8	25.0	25.5	23.4	24.3
16	25.9	24.3	25.1	---	---	---	28.1	24.1	26.1	23.7	20.6	21.8
17	26.6	23.9	25.2	---	---	---	28.6	25.2	27.0	21.2	18.4	19.9
18	26.4	23.8	25.2	---	---	---	29.0	25.8	27.5	21.0	17.8	19.5
19	25.8	24.3	25.0	---	---	---	29.0	26.7	27.8	21.8	18.2	20.0
20	27.8	24.3	25.9	29.8	26.6	28.2	27.8	24.6	26.4	23.9	20.7	22.1
21	28.0	24.9	26.4	29.2	26.1	27.7	26.9	24.6	25.8	24.8	23.2	24.0
22	27.0	25.2	26.2	29.0	25.7	27.4	27.1	24.5	25.8	24.8	23.8	24.3
23	28.5	24.4	26.3	27.8	25.8	26.7	26.9	24.3	25.7	25.1	23.1	23.9
24	28.0	24.3	26.3	26.9	24.2	25.6	27.5	24.6	26.1	25.4	23.4	24.3
25	27.2	25.2	25.9	26.2	24.0	25.2	27.8	25.2	26.6	24.9	22.2	24.0
26	27.0	24.4	25.6	26.9	24.2	25.5	26.8	24.7	25.5	22.2	19.5	20.4
27	26.8	24.0	25.4	27.5	23.9	25.7	25.7	23.7	24.8	19.7	16.8	18.4
28	26.7	24.9	25.8	28.2	24.7	26.5	26.6	24.2	25.5	19.6	16.8	18.3
29	25.6	24.3	25.0	27.7	25.0	26.4	28.0	24.6	26.2	19.6	16.8	18.3
30	25.9	22.7	24.3	28.0	25.4	26.4	28.5	25.8	27.1	19.9	17.1	18.6
31	---	---	---	27.0	25.3	26.0	27.6	25.1	26.3	---	---	---
MONTH	28.5	19.0	24.6	---	---	---	29.6	22.2	26.2	27.7	16.8	22.9

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	12.9	10.7	12.0	13.0	7.1	10.7	13.8	11.1	12.3
2	---	---	---	---	---	---	13.7	10.9	12.1	13.7	10.8	12.0
3	---	---	---	---	---	---	13.5	10.8	12.0	13.1	9.7	11.2
4	---	---	---	---	---	---	13.2	10.2	11.5	9.8	8.5	9.5
5	---	---	---	---	---	---	10.8	9.4	10.1	---	---	---
6	---	---	---	---	---	---	12.6	9.2	10.8	---	---	---
7	---	---	---	---	---	---	13.6	10.7	11.9	---	---	---
8	---	---	---	---	---	---	14.7	11.5	12.8	---	---	---
9	---	---	---	---	---	---	12.6	10.2	11.4	---	---	---
10	---	---	---	---	---	---	11.4	9.5	10.2	---	---	---
11	---	---	---	---	---	---	11.8	9.6	10.5	9.9	4.6	8.9
12	---	---	---	---	---	---	12.3	10.0	10.9	9.5	4.7	8.3
13	---	---	---	---	---	---	10.2	6.7	9.0	9.0	5.2	7.2
14	---	---	---	---	---	---	10.8	5.4	9.4	7.1	4.5	5.6
15	---	---	---	---	---	---	11.0	8.6	10.1	7.4	6.0	6.7
16	---	---	---	11.8	9.2	10.3	10.8	9.1	10.1	7.7	5.9	7.0
17	---	---	---	12.4	9.8	10.9	11.7	10.6	11.1	9.6	3.4	7.8
18	---	---	---	12.9	10.2	11.3	11.5	10.9	11.2	9.1	4.4	7.2
19	---	---	---	13.1	10.0	11.2	11.7	10.1	10.9	7.3	3.5	5.5
20	10.9	9.4	10.2	10.2	8.3	9.4	11.2	9.6	10.3	---	---	---
21	11.7	10.0	10.8	9.1	5.6	7.3	11.1	9.9	10.5	---	---	---
22	12.1	10.5	11.2	9.8	7.6	8.6	12.4	10.8	11.6	---	---	---
23	12.0	10.1	11.0	9.8	5.9	8.5	12.8	11.6	12.1	---	---	---
24	13.2	11.0	12.0	10.4	7.4	8.8	13.1	11.9	12.4	---	---	---
25	13.9	12.1	12.9	9.8	7.6	8.7	13.8	12.3	12.9	---	---	---
26	14.1	12.1	13.0	11.6	8.6	9.8	14.1	12.9	13.3	---	---	---
27	14.0	11.8	12.8	11.9	9.5	10.6	14.3	12.8	13.4	---	---	---
28	14.1	11.4	12.6	12.9	10.1	11.2	14.5	12.9	13.6	---	---	---
29	14.2	11.2	12.5	10.9	5.0	8.2	14.9	13.3	13.9	---	---	---
30	14.8	11.2	12.8	13.0	7.1	10.7	14.8	13.1	13.8	---	---	---
31	15.8	12.0	13.6	---	---	---	14.5	12.0	13.1	---	---	---
MONTH	---	---	---	---	---	---	14.9	5.4	11.5	---	---	---

MOBILE RIVER BASIN

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, 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
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	18.0	10.9	13.9
2	---	---	---	---	---	---	---	---	---	17.2	10.6	13.5
3	10.9	10.2	10.5	12.3	10.3	11.2	13.0	8.8	11.9	16.4	10.6	13.5
4	10.9	10.3	10.6	12.6	10.3	11.2	13.7	12.9	13.4	17.6	11.4	14.1
5	11.1	10.4	10.7	13.8	10.5	11.8	---	---	---	16.8	10.6	13.3
6	11.3	10.5	10.8	13.4	10.4	11.5	---	---	---	16.1	10.5	13.0
7	11.4	10.4	10.8	13.9	10.2	11.6	---	---	---	15.5	10.6	12.7
8	11.2	10.2	10.6	14.5	10.0	11.7	---	---	---	14.9	10.9	12.5
9	11.3	9.9	10.5	14.6	9.9	11.8	---	---	---	14.2	10.9	12.2
10	11.4	9.7	10.4	---	---	---	---	---	---	13.9	11.1	12.2
11	11.2	9.3	10.1	---	---	---	---	---	---	14.3	11.6	12.7
12	11.0	8.8	9.7	11.8	9.5	11.4	12.7	12.5	12.6	14.0	11.3	12.3
13	10.4	6.6	9.0	12.8	8.5	10.6	12.8	12.4	12.6	13.9	11.0	12.2
14	8.5	7.0	8.3	---	---	---	12.8	12.0	12.5	14.0	10.8	12.2
15	8.9	8.5	8.7	---	---	---	12.6	12.4	12.5	15.4	11.8	13.3
16	8.6	7.4	8.4	---	---	---	12.9	12.4	12.6	14.1	9.7	11.6
17	12.0	7.8	8.7	---	---	---	13.1	12.3	12.7	10.6	7.6	8.9
18	8.4	7.6	8.0	---	---	---	13.5	12.5	12.9	10.2	7.1	8.4
19	9.1	7.6	8.4	---	---	---	14.0	12.5	13.1	---	---	---
20	10.0	8.8	9.3	---	---	---	14.2	12.3	13.1	---	---	---
21	10.4	9.0	9.6	---	---	---	14.6	12.0	13.2	8.4	6.6	6.6
22	10.8	9.0	9.7	---	---	---	15.6	12.5	13.8	8.8	6.9	7.8
23	11.8	8.8	10.1	---	---	---	14.7	12.5	13.5	8.7	7.0	7.8
24	12.0	8.8	10.1	---	---	---	15.7	12.3	13.5	8.3	6.8	7.5
25	12.5	8.5	10.1	---	---	---	16.3	12.2	13.9	8.0	5.1	6.7
26	12.9	8.5	10.3	---	---	---	16.9	12.3	14.3	7.8	4.6	6.8
27	9.2	7.0	8.5	---	---	---	18.8	11.7	14.1	8.0	7.0	7.4
28	---	---	---	---	---	---	14.7	10.8	12.6	7.9	6.7	7.3
29	---	---	---	14.3	12.7	13.6	16.6	11.3	13.5	8.5	7.4	7.9
30	---	---	---	14.1	7.8	11.8	17.3	11.0	13.6	8.9	7.6	8.2
31	---	---	---	13.0	7.4	12.1	---	---	---	9.1	7.6	8.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.0	7.5	8.1	10.4	8.8	9.4	10.2	6.7	7.5	7.2	5.5	6.3
2	9.9	7.5	8.6	10.6	8.6	9.4	7.0	6.0	6.8	7.0	5.2	6.0
3	10.2	8.1	9.0	11.0	6.3	9.3	6.9	5.3	6.6	6.8	5.2	5.8
4	8.9	7.3	8.2	10.3	4.4	8.1	7.0	5.8	6.7	6.6	5.0	5.7
5	9.7	8.3	9.0	---	---	---	7.4	6.7	7.1	6.0	4.7	5.3
6	10.6	8.8	9.6	---	---	---	7.2	6.4	6.8	6.6	4.4	5.7
7	10.9	9.2	9.9	---	---	---	7.4	6.4	6.7	7.2	6.0	6.5
8	11.1	9.0	9.9	---	---	---	7.4	6.1	6.7	7.3	6.3	6.7
9	11.2	8.8	9.8	---	---	---	7.9	6.2	6.9	6.9	5.8	6.3
10	10.9	8.5	9.6	---	---	---	8.1	5.1	6.6	6.6	5.2	5.9
11	11.5	8.5	9.8	---	---	---	7.2	5.9	6.6	6.7	5.4	6.0
12	12.0	9.1	10.4	---	---	---	7.6	6.5	6.9	6.1	4.8	5.3
13	10.9	8.8	9.6	---	---	---	8.6	6.9	7.6	6.1	4.8	5.3
14	11.4	9.4	10.2	---	---	---	9.0	7.3	7.9	6.2	4.5	5.2
15	11.2	6.8	9.5	---	---	---	9.2	7.2	8.0	11.5	4.7	6.8
16	9.2	5.6	6.7	---	---	---	9.4	6.7	7.8	11.9	10.2	10.9
17	10.9	8.2	9.7	---	---	---	9.4	6.6	7.7	12.2	9.5	11.1
18	10.9	7.8	9.5	---	---	---	9.6	6.4	7.6	12.3	9.0	10.6
19	---	---	---	---	---	---	9.6	6.3	7.6	10.8	8.0	9.4
20	---	---	---	7.7	5.2	6.2	10.1	6.5	7.9	9.0	7.2	8.0
21	---	---	---	7.7	5.1	6.2	10.2	6.6	8.1	8.7	6.5	7.4
22	10.4	8.0	9.1	10.9	5.4	7.5	10.5	6.9	8.3	8.0	6.3	7.0
23	10.8	8.5	9.4	9.5	5.5	7.3	10.6	6.9	8.4	8.2	6.3	7.0
24	10.8	8.4	9.4	8.5	5.6	7.0	10.6	6.8	8.3	7.7	6.6	7.0
25	9.5	5.4	7.9	8.5	5.8	7.0	9.9	5.0	7.8	7.0	6.1	6.5
26	7.8	7.1	7.5	9.3	5.9	7.2	9.8	6.6	7.9	8.6	6.7	7.6
27	8.9	8.0	8.5	8.9	6.3	7.4	9.7	6.6	8.0	9.1	7.8	8.3
28	8.9	6.4	7.8	8.6	5.7	7.0	9.2	6.8	7.8	9.3	7.9	8.4
29	9.2	7.4	8.3	8.7	5.8	7.0	9.6	6.8	7.9	9.4	7.9	8.5
30	10.2	8.5	9.2	9.0	6.0	7.2	9.4	6.4	7.7	9.7	7.9	8.6
31	---	---	---	7.0	6.5	6.7	8.3	6.0	7.2	---	---	---
MONTH	---	---	---	---	---	---	10.6	5.0	7.5	12.3	4.4	7.2

MOBILE RIVER BASIN

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL

LOCATION.--Lat 33°34'37", long 86°43'09", in NW$^1/_4$ 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 mi^2.

WATER-DISCHARGE RECORDS

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: Apr. 3, 4, July 29-31. Records good except those of estimated period, 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	40	1.5	1.6	4.3	2.4	6.8	4.8	2.2	2.6	2.6	1.4
2	1.7	6.3	1.6	1.6	3.9	3.1	106	4.7	2.2	2.5	43	1.3
3	1.7	3.2	1.5	1.6	3.7	4.0	e320	4.4	2.1	2.4	4.0	1.3
4	8.8	2.8	1.5	25	3.4	2.4	e85	4.3	7.1	2.4	3.3	1.3
5	1.8	2.5	1.9	2.8	3.2	2.2	33	4.2	3.6	2.2	3.1	1.3
6	1.6	2.3	1.8	2.4	3.0	2.1	23	4.1	3.0	2.0	2.9	1.3
7	1.6	2.2	1.6	2.3	2.9	2.0	18	4.0	2.7	1.9	2.7	1.4
8	1.7	2.2	1.6	2.2	2.6	1.8	21	4.0	2.4	2.0	2.4	1.3
9	2.4	2.0	1.6	9.2	2.6	1.8	12	3.7	2.2	1.9	2.4	1.2
10	71	2.1	8.1	25	2.4	148	11	4.1	2.4	1.7	3.8	1.2
11	4.7	2.4	1.9	4.3	2.3	71	9.8	3.8	2.2	1.6	2.7	1.2
12	4.1	2.1	2.1	3.7	2.2	15	15	3.6	1.9	1.6	2.4	1.1
13	3.9	2.0	27	3.3	9.9	9.5	9.4	3.2	2.2	1.6	2.4	1.3
14	3.8	2.1	3.1	3.0	2.9	6.9	23	3.1	2.0	1.7	2.2	.98
15	3.6	2.2	2.7	2.8	2.2	5.9	9.9	3.0	2.1	1.9	2.1	1.1
16	3.4	2.3	2.2	2.7	2.1	5.4	9.2	2.9	4.8	1.9	2.0	1.1
17	3.4	2.2	2.2	3.3	2.1	4.6	8.7	3.0	2.5	1.8	2.0	1.1
18	3.2	2.1	2.4	2.9	2.0	4.2	8.1	2.8	2.4	1.8	1.9	1.0
19	2.8	2.2	3.1	2.9	2.0	112	7.6	2.8	12	1.5	1.9	1.0
20	3.6	12	2.3	2.6	1.8	29	7.2	2.9	3.2	3.0	1.8	1.0
21	3.1	2.2	5.5	2.5	1.7	15	7.3	2.9	5.5	2.0	1.9	1.5
22	3.0	2.1	2.7	15	1.8	10	6.7	2.8	3.1	2.0	1.8	1.3
23	2.9	1.9	2.6	28	1.6	8.0	6.6	2.7	3.0	1.9	1.8	17
24	2.8	1.8	2.3	4.8	1.5	6.9	6.5	2.9	2.8	1.9	1.8	1.6
25	2.6	1.8	2.3	4.0	1.5	6.5	6.0	2.9	5.3	8.6	1.8	1.5
26	2.6	1.7	2.1	3.7	2.0	6.3	5.6	3.0	2.8	6.8	1.8	1.4
27	2.7	1.7	2.0	3.1	21	9.0	7.7	3.6	2.5	2.4	1.7	1.3
28	2.6	1.6	1.9	4.5	2.9	5.8	6.7	2.7	2.6	2.3	1.7	1.3
29	2.7	1.6	1.9	17	2.5	5.5	5.2	1.9	3.3	e2.3	1.5	1.2
30	2.7	1.5	1.8	5.3	---	25	5.0	2.2	2.7	e30	1.4	1.2
31	2.7	---	1.6	4.6	---	6.2	---	2.3	---	e5.0	1.3	---
TOTAL	161.0	115.1	98.4	197.7	98.0	537.5	807.0	103.3	98.8	105.2	110.1	53.18
MEAN	5.19	3.84	3.17	6.38	3.38	17.3	26.9	3.33	3.29	3.39	3.55	1.77
MAX	71	40	27	28	21	148	320	4.8	12	30	43	17
MIN	1.6	1.5	1.5	1.6	1.5	1.8	5.0	1.9	1.9	1.5	1.3	.98
CFSM	1.27	.94	.77	1.56	.82	4.23	6.56	.81	.80	.83	.87	.43
IN.	1.46	1.04	.89	1.79	.89	4.88	7.32	.94	.90	.95	1.00	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	5.28	4.51	5.57	10.6	5.52	14.8	16.1	5.64	10.3	4.89	3.07	1.69
MAX	5.36	5.17	7.97	14.7	7.74	17.3	26.9	7.95	17.3	6.39	3.55	1.77
(WY)	1999	1999	1999	1999	1999	2000	2000	1999	1999	1999	2000	2000
MIN	5.19	3.84	3.17	6.38	3.38	12.2	5.22	3.33	3.29	3.39	2.59	1.61
(WY)	2000	2000	2000	2000	2000	1999	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	2675.3		2485.28			
ANNUAL MEAN	7.33		6.79		7.32	
HIGHEST ANNUAL MEAN					7.86	1999
LOWEST ANNUAL MEAN					6.79	2000
HIGHEST DAILY MEAN	300	Jun 28	320	Apr 3	320	Apr 3 2000
LOWEST DAILY MEAN	1.0	Sep 16	.98	Sep 14	.98	Sep 14 2000
ANNUAL SEVEN-DAY MINIMUM	1.3	Sep 14	1.0	Sep 14	1.0	Sep 14 2000
INSTANTANEOUS PEAK FLOW			1430	Mar 10	1430	Mar 10 2000
INSTANTANEOUS PEAK STAGE			10.98	Mar 10	10.98	Mar 10 2000
ANNUAL RUNOFF (CFSM)	1.79		1.66		1.79	
ANNUAL RUNOFF (INCHES)	24.27		22.55		24.27	
10 PERCENT EXCEEDS	11		9.6		11	
50 PERCENT EXCEEDS	3.9		2.6		3.5	
90 PERCENT EXCEEDS	1.7		1.5		1.6	

e Estimated

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 2000 to February 2001.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 2000 to February 2001.
WATER TEMPERATURE: April 2000 to February 2001.
DISSOLVED OXYGEN: April 2000 to February 2001.
INSTRUMENTATION.--Water-quality monitor operated April 2000 to February 2001.
EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 418 microSiemens, Aug. 26, 2000; minimum, 54 microSiemens, Aug. 2, 2000.
WATER TEMPERATURE: Maximum, 27.3°C, June 21, 2000; minimum, 7.4°C, Dec. 20, 2000.
DISSOLVED OXYGEN: Maximum, 15.8 mg/L, Dec. 4, 5, 2000; minimum, 2.8 mg/L, Sept. 11, 2000.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	---	---	---	---	---	---	---	---	---	375	370	372
2	---	---	---	---	---	---	---	---	---	373	368	372
3	---	---	---	---	---	---	---	---	---	377	372	374
4	---	---	---	---	---	---	---	---	---	377	373	375
5	---	---	---	---	---	---	---	---	---	380	374	376
6	---	---	---	---	---	---	---	---	---	380	376	378
7	---	---	---	---	---	---	---	---	---	380	375	378
8	---	---	---	---	---	---	---	---	---	380	375	377
9	---	---	---	---	---	---	---	---	---	379	375	377
10	---	---	---	---	---	---	---	---	---	378	358	375
11	---	---	---	---	---	---	---	---	---	380	376	378
12	---	---	---	---	---	---	---	---	---	379	375	377
13	---	---	---	---	---	---	---	---	---	378	372	375
14	---	---	---	---	---	---	---	---	---	374	362	368
15	---	---	---	---	---	---	---	---	---	372	365	369
16	---	---	---	---	---	---	---	---	---	373	370	372
17	---	---	---	---	---	---	---	---	---	374	359	369
18	---	---	---	---	---	---	---	---	---	369	361	366
19	---	---	---	---	---	---	---	---	---	369	365	367
20	---	---	---	---	---	---	---	---	---	371	366	369
21	---	---	---	---	---	---	---	---	---	371	364	368
22	---	---	---	---	---	---	---	---	---	388	369	373
23	---	---	---	---	---	---	---	---	---	371	367	369
24	---	---	---	---	---	---	---	---	---	397	369	374
25	---	---	---	---	---	---	---	---	---	373	348	368
26	---	---	---	---	---	---	374	370	372	370	356	367
27	---	---	---	---	---	---	375	152	358	374	367	370
28	---	---	---	---	---	---	371	184	342	373	357	368
29	---	---	---	---	---	---	373	371	372	374	368	371
30	---	---	---	---	---	---	375	372	373	374	368	371
31	---	---	---	---	---	---	---	---	---	375	371	373
MONTH	---	---	---	---	---	---	---	---	---	397	348	372

MOBILE RIVER BASIN

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	375	372	374	381	374	378	373	363	368	376	366	372
2	376	372	374	381	373	378	373	54	285	377	367	373
3	377	371	375	382	372	378	366	271	343	377	367	373
4	378	132	329	382	371	378	373	344	369	377	367	373
5	366	325	351	382	372	378	375	373	375	377	366	372
6	372	366	370	383	373	376	378	375	376	375	366	372
7	373	372	372	---	---	---	379	374	377	375	363	372
8	375	372	374	---	---	---	380	373	377	375	368	373
9	377	370	374	---	---	---	381	373	378	376	367	373
10	378	372	376	381	367	371	381	190	353	375	366	371
11	378	374	376	382	369	377	376	251	358	375	367	372
12	379	374	377	382	371	377	380	373	376	375	367	372
13	380	360	374	381	370	377	380	373	377	375	355	367
14	378	375	377	381	369	376	381	372	378	367	355	362
15	392	353	375	380	364	375	382	373	378	366	356	361
16	376	363	370	378	361	372	383	373	379	363	356	360
17	376	368	372	378	368	374	383	365	376	362	355	359
18	378	373	375	380	368	375	380	370	376	361	352	358
19	379	71	323	380	369	375	380	370	376	363	353	359
20	376	332	365	380	230	343	379	370	375	365	356	361
21	378	151	343	372	309	360	379	369	374	365	278	351
22	377	356	370	375	366	370	378	369	374	361	328	356
23	379	377	378	375	364	370	379	369	375	362	79	303
24	381	378	379	374	364	370	379	370	374	350	240	321
25	382	189	341	374	73	323	380	369	374	354	332	348
26	378	364	373	369	118	321	418	369	384	358	354	356
27	380	374	377	368	317	355	392	366	378	359	354	356
28	380	374	378	373	368	370	391	365	378	359	356	357
29	381	313	364	373	368	370	384	366	376	361	354	357
30	379	372	376	---	---	---	377	365	373	360	354	358
31	---	---	---	363	275	333	376	366	372	---	---	---
MONTH	392	71	368	---	---	---	418	54	370	377	79	361

MOBILE RIVER BASIN

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, 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	403	352	361	375	363	372	380	366	373	364	360	362
2	361	352	358	375	364	372	379	373	377	399	358	363
3	361	352	358	375	365	371	373	364	367	364	357	361
4	373	351	362	375	361	370	374	362	366	363	356	361
5	373	361	369	374	364	371	373	358	364	362	355	360
6	373	77	248	375	243	354	368	360	363	362	354	359
7	361	330	352	354	129	293	372	358	364	361	91	303
8	366	361	364	---	---	---	375	360	366	327	110	292
9	368	364	366	---	---	---	371	365	368	345	327	336
10	369	364	366	---	---	---	373	367	370	356	339	347
11	371	365	367	---	---	---	373	366	370	349	340	346
12	371	365	368	---	---	---	375	361	366	355	344	353
13	372	361	367	375	372	373	377	97	333	365	355	360
14	373	364	368	375	374	374	365	149	335	363	153	321
15	373	365	368	376	375	375	373	365	370	362	334	354
16	374	363	368	---	---	---	372	144	278	365	357	360
17	375	364	371	367	308	344	357	303	342	366	210	338
18	374	364	370	375	193	351	366	357	361	348	99	274
19	374	363	370	355	160	262	371	366	369	325	82	200
20	375	365	371	376	355	368	372	369	370	335	271	313
21	376	364	371	379	375	378	372	351	369	358	335	349
22	375	362	369	382	379	380	373	369	371	371	356	363
23	376	363	371	382	381	382	373	368	370	374	361	367
24	375	363	371	383	153	329	371	367	370	376	366	371
25	374	353	370	369	184	329	370	365	368	376	366	371
26	374	362	370	378	369	375	370	364	368	377	367	371
27	376	362	371	379	378	379	368	278	346	384	375	379
28	377	364	371	379	377	378	361	337	351	384	373	378
29	376	364	372	379	334	370	362	356	359	384	107	312
30	376	361	371	380	367	372	364	359	362	361	172	307
31	376	364	372	---	---	---	364	359	362	379	361	372
MONTH	403	77	364	---	---	---	380	97	360	399	82	342
		FEBRUARY			MARCH			APRIL			MAY	
1	378	373	375	---	---	---	---	---	---	---	---	---
2	379	375	377	---	---	---	---	---	---	---	---	---
3	381	377	379	---	---	---	---	---	---	---	---	---
4	382	377	380	---	---	---	---	---	---	---	---	---
5	382	378	380	---	---	---	---	---	---	---	---	---
6	382	377	380	---	---	---	---	---	---	---	---	---
7	382	377	380	---	---	---	---	---	---	---	---	---
8	383	375	380	---	---	---	---	---	---	---	---	---
9	383	113	335	---	---	---	---	---	---	---	---	---
10	368	142	334	---	---	---	---	---	---	---	---	---
11	378	368	374	---	---	---	---	---	---	---	---	---
12	379	122	299	---	---	---	---	---	---	---	---	---
13	341	77	248	---	---	---	---	---	---	---	---	---
14	353	305	334	---	---	---	---	---	---	---	---	---
15	370	353	362	---	---	---	---	---	---	---	---	---
16	374	111	312	---	---	---	---	---	---	---	---	---
17	351	222	317	---	---	---	---	---	---	---	---	---
18	366	351	360	---	---	---	---	---	---	---	---	---
19	373	366	369	---	---	---	---	---	---	---	---	---
20	375	371	373	---	---	---	---	---	---	---	---	---
21	375	371	373	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	21.2	15.9	18.3
2	---	---	---	---	---	---	---	---	---	21.1	17.0	18.9
3	---	---	---	---	---	---	---	---	---	21.6	17.4	19.3
4	---	---	---	---	---	---	---	---	---	22.4	17.7	19.7
5	---	---	---	---	---	---	---	---	---	22.6	17.8	19.9
6	---	---	---	---	---	---	---	---	---	22.8	17.6	19.9
7	---	---	---	---	---	---	---	---	---	22.4	17.5	19.9
8	---	---	---	---	---	---	---	---	---	23.3	17.7	20.1
9	---	---	---	---	---	---	---	---	---	22.4	18.0	20.0
10	---	---	---	---	---	---	---	---	---	21.6	18.4	19.5
11	---	---	---	---	---	---	---	---	---	23.1	17.5	19.8
12	---	---	---	---	---	---	---	---	---	23.7	18.6	20.6
13	---	---	---	---	---	---	---	---	---	23.2	19.2	20.7
14	---	---	---	---	---	---	---	---	---	22.5	17.1	19.4
15	---	---	---	---	---	---	---	---	---	22.2	15.9	18.6
16	---	---	---	---	---	---	---	---	---	21.5	16.9	19.2
17	---	---	---	---	---	---	---	---	---	22.9	17.3	19.8
18	---	---	---	---	---	---	---	---	---	23.3	18.4	20.5
19	---	---	---	---	---	---	---	---	---	22.3	19.0	20.3
20	---	---	---	---	---	---	---	---	---	21.0	18.6	19.5
21	---	---	---	---	---	---	---	---	---	21.5	18.4	19.7
22	---	---	---	---	---	---	---	---	---	23.0	17.7	20.0
23	---	---	---	---	---	---	---	---	---	22.5	18.2	20.3
24	---	---	---	---	---	---	---	---	---	23.8	18.8	20.9
25	---	---	---	---	---	---	---	---	---	23.9	19.4	21.2
26	---	---	---	---	---	---	20.8	16.3	18.4	22.5	19.1	20.4
27	---	---	---	---	---	---	20.6	14.7	17.4	24.4	19.3	21.2
28	---	---	---	---	---	---	18.9	15.8	17.1	21.8	18.6	20.0
29	---	---	---	---	---	---	20.5	14.9	17.6	22.4	17.3	19.5
30	---	---	---	---	---	---	21.3	15.4	18.2	23.7	17.0	20.0
31	---	---	---	---	---	---	---	---	---	23.8	18.0	20.6
MONTH	---	---	---	---	---	---	---	---	---	24.4	15.9	19.9

	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.3	18.0	20.6	24.7	18.3	21.3	24.8	19.8	21.7	23.6	19.8	21.4
2	24.2	18.4	20.9	25.0	18.5	21.4	24.1	19.8	21.9	23.4	19.7	21.4
3	24.2	18.7	21.1	24.8	19.0	21.4	24.6	20.1	22.0	25.4	19.3	22.0
4	22.9	19.2	20.4	25.5	19.3	22.0	24.6	19.6	21.5	26.3	19.6	22.5
5	20.0	18.7	19.3	25.9	19.3	22.2	25.6	19.2	21.9	25.0	19.9	22.1
6	22.1	17.3	19.3	26.0	19.5	23.4	25.6	19.8	22.4	20.9	18.6	19.9
7	23.1	16.3	19.4	---	---	---	26.2	20.3	22.8	20.3	18.0	19.1
8	24.0	17.3	20.3	---	---	---	25.7	20.5	22.9	21.5	19.0	20.0
9	24.3	18.1	20.9	---	---	---	26.0	20.4	22.5	22.1	19.4	20.5
10	24.4	18.6	21.2	25.5	21.8	24.3	26.6	19.8	23.0	22.5	19.5	20.7
11	24.9	18.8	21.5	26.4	20.2	23.2	25.1	20.4	22.4	24.8	19.1	21.3
12	25.1	19.1	21.6	25.7	20.4	22.9	24.9	18.7	21.4	22.9	19.7	21.1
13	24.2	19.5	21.6	26.2	20.3	23.1	24.9	18.2	21.0	24.0	19.8	21.6
14	24.4	19.5	21.7	26.4	20.2	23.0	25.2	18.2	21.3	25.4	19.8	22.0
15	25.5	19.7	21.8	26.2	19.8	22.6	25.7	18.8	21.7	24.3	18.9	20.9
16	23.2	19.8	21.0	26.7	20.0	22.8	26.1	19.3	22.2	22.5	16.6	19.0
17	23.4	18.9	21.0	25.2	19.2	21.9	26.5	19.7	22.6	22.3	15.7	18.6
18	24.9	18.9	21.3	24.7	19.4	21.9	25.9	20.1	22.7	23.5	16.1	19.2
19	24.5	19.3	21.8	25.9	20.0	22.9	26.2	20.2	22.8	24.3	16.9	20.0
20	24.5	19.3	21.6	29.7	20.8	23.9	25.8	18.8	21.9	25.7	19.5	21.9
21	27.3	19.4	22.1	26.7	20.7	23.5	25.0	20.0	22.0	23.8	20.3	21.9
22	23.6	19.8	21.5	25.4	20.0	22.3	24.8	19.5	21.8	22.2	20.0	20.8
23	25.5	18.7	21.7	24.1	19.7	21.7	25.6	19.4	22.1	25.1	19.6	21.5
24	25.2	19.0	21.8	25.0	19.1	21.6	25.8	19.7	22.2	24.3	20.6	22.1
25	25.9	19.8	21.8	25.9	19.6	22.2	25.5	20.1	22.4	22.0	17.6	20.5
26	25.6	19.0	21.7	24.9	19.6	22.0	22.7	19.2	21.1	20.6	15.8	17.5
27	24.2	19.4	21.7	26.3	19.3	22.2	23.5	19.1	20.8	22.0	15.3	17.9
28	22.6	19.8	20.9	26.2	19.5	22.3	24.8	19.3	21.5	22.2	16.1	18.8
29	22.5	19.4	20.7	25.9	19.8	23.0	26.5	19.5	22.5	22.1	16.2	18.5
30	23.4	18.2	20.4	---	---	---	26.4	20.1	22.7	23.0	16.2	19.0
31	---	---	---	25.0	20.7	21.9	24.5	19.8	21.8	---	---	---
MONTH	27.3	16.3	21.1	---	---	---	26.6	18.2	22.0	26.3	15.3	20.5

MOBILE RIVER BASIN

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, 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	22.9	17.4	19.6	21.9	16.6	18.6	16.4	12.7	14.5	10.8	9.6	10.3
2	23.7	17.3	19.9	21.1	16.7	18.5	16.8	13.9	15.2	12.3	8.6	10.0
3	23.8	17.5	20.1	21.7	16.8	18.8	13.9	12.3	12.8	12.8	8.3	10.3
4	24.2	17.5	20.1	18.8	17.6	18.1	15.1	11.2	12.7	13.9	9.5	11.3
5	23.8	17.4	20.1	19.5	17.1	17.9	14.8	10.9	12.4	14.9	10.5	12.3
6	21.8	17.5	20.2	18.5	17.1	17.7	12.9	11.1	12.0	15.3	10.6	12.6
7	18.9	14.1	16.4	20.5	18.3	19.3	14.4	10.6	12.2	14.8	11.1	12.9
8	16.7	12.3	14.0	---	---	---	15.3	11.2	12.8	14.8	11.7	13.0
9	17.4	11.8	13.9	---	---	---	13.8	12.1	13.0	14.0	10.9	12.1
10	18.2	11.8	14.5	---	---	---	14.2	12.8	13.5	14.3	10.4	12.1
11	19.5	12.2	15.1	---	---	---	15.2	13.2	14.0	13.3	11.8	12.6
12	20.4	12.8	15.9	---	---	---	14.3	9.9	11.4	13.6	13.1	13.3
13	20.8	13.5	16.4	15.5	14.2	14.7	11.5	9.2	10.3	16.5	12.9	14.3
14	20.1	13.7	16.6	15.4	12.2	13.5	12.9	10.8	12.4	14.7	12.2	13.8
15	20.9	14.3	17.0	14.2	10.8	12.9	14.1	11.7	12.9	17.0	14.5	15.3
16	21.5	14.9	17.6	---	---	---	16.6	12.4	14.7	14.2	13.6	13.9
17	21.4	16.3	18.3	14.5	12.8	13.8	13.2	9.0	10.6	14.2	11.5	13.5
18	21.6	16.5	18.5	12.8	8.3	11.8	12.6	8.7	10.6	14.5	10.9	13.6
19	20.5	15.4	17.6	12.9	8.5	11.1	11.4	7.9	9.6	15.9	11.9	13.5
20	21.5	16.6	18.5	15.2	11.4	12.9	11.5	7.4	9.1	12.3	11.2	11.8
21	21.0	17.6	18.7	14.0	11.0	12.2	10.8	9.3	10.0	13.6	10.6	12.0
22	21.3	16.8	18.6	14.7	10.5	12.6	11.2	7.8	9.3	15.2	10.8	12.6
23	22.0	16.5	18.7	16.6	13.1	14.5	12.5	7.9	10.0	15.1	11.1	13.0
24	21.8	16.7	18.7	14.7	12.3	14.0	13.9	10.6	11.9	15.6	12.0	13.6
25	21.4	16.5	18.5	16.4	13.4	15.5	12.8	10.1	11.2	14.4	11.1	12.6
26	21.3	17.0	18.5	17.4	14.9	16.0	13.6	10.8	12.0	13.1	10.6	12.0
27	21.7	16.3	18.4	17.5	13.9	15.2	12.6	10.6	11.9	16.5	12.5	13.9
28	21.8	16.7	18.7	17.6	13.6	15.4	12.5	10.9	12.1	16.5	11.3	13.6
29	21.7	16.8	18.7	16.6	14.6	15.7	12.8	9.7	11.1	16.0	11.8	14.0
30	21.9	16.8	18.8	16.8	13.3	14.6	11.5	8.4	9.7	15.9	12.0	13.8
31	22.0	16.8	18.7	---	---	---	12.4	8.3	10.1	16.8	13.1	14.5
MONTH	24.2	11.8	17.9	---	---	---	16.8	7.4	11.8	17.0	8.3	12.8
		FEBRUARY			MARCH			APRIL			MAY	
1	15.1	12.5	13.6	---	---	---	---	---	---	---	---	---
2	14.2	11.5	12.9	---	---	---	---	---	---	---	---	---
3	15.2	10.6	12.6	---	---	---	---	---	---	---	---	---
4	15.6	11.2	13.2	---	---	---	---	---	---	---	---	---
5	15.9	11.5	13.2	---	---	---	---	---	---	---	---	---
6	16.2	11.0	13.3	---	---	---	---	---	---	---	---	---
7	16.9	12.0	14.3	---	---	---	---	---	---	---	---	---
8	17.9	13.1	15.2	---	---	---	---	---	---	---	---	---
9	18.2	13.7	15.8	---	---	---	---	---	---	---	---	---
10	15.8	11.7	13.7	---	---	---	---	---	---	---	---	---
11	14.4	10.8	12.6	---	---	---	---	---	---	---	---	---
12	13.4	10.2	12.4	---	---	---	---	---	---	---	---	---
13	13.3	9.1	11.9	---	---	---	---	---	---	---	---	---
14	15.7	13.2	14.7	---	---	---	---	---	---	---	---	---
15	18.9	15.5	17.0	---	---	---	---	---	---	---	---	---
16	19.6	13.2	16.7	---	---	---	---	---	---	---	---	---
17	15.1	11.8	13.1	---	---	---	---	---	---	---	---	---
18	15.7	10.8	12.8	---	---	---	---	---	---	---	---	---
19	17.0	11.7	14.0	---	---	---	---	---	---	---	---	---
20	17.5	14.2	15.8	---	---	---	---	---	---	---	---	---
21	17.5	15.6	16.8	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, 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
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	10.1	7.9	8.9
2	---	---	---	---	---	---	---	---	---	9.9	7.9	8.7
3	---	---	---	---	---	---	---	---	---	10.0	7.8	8.7
4	---	---	---	---	---	---	---	---	---	9.9	7.7	8.6
5	---	---	---	---	---	---	---	---	---	9.8	7.6	8.5
6	---	---	---	---	---	---	---	---	---	9.7	7.6	8.5
7	---	---	---	---	---	---	---	---	---	9.7	7.5	8.4
8	---	---	---	---	---	---	---	---	---	9.6	7.5	8.4
9	---	---	---	---	---	---	---	---	---	9.6	7.5	8.4
10	---	---	---	---	---	---	---	---	---	9.7	6.4	8.2
11	---	---	---	---	---	---	---	---	---	9.4	7.4	8.4
12	---	---	---	---	---	---	---	---	---	9.5	7.3	8.2
13	---	---	---	---	---	---	---	---	---	9.5	7.4	8.3
14	---	---	---	---	---	---	---	---	---	9.7	7.6	8.6
15	---	---	---	---	---	---	---	---	---	10.0	7.8	8.8
16	---	---	---	---	---	---	---	---	---	9.9	7.7	8.7
17	---	---	---	---	---	---	---	---	---	9.9	7.3	8.6
18	---	---	---	---	---	---	---	---	---	9.5	7.4	8.3
19	---	---	---	---	---	---	---	---	---	9.5	7.4	8.3
20	---	---	---	---	---	---	---	---	---	9.4	7.5	8.2
21	---	---	---	---	---	---	---	---	---	9.7	7.0	8.2
22	---	---	---	---	---	---	---	---	---	9.7	7.5	8.4
23	---	---	---	---	---	---	---	---	---	9.7	7.5	8.4
24	---	---	---	---	---	---	---	---	---	9.8	7.4	8.4
25	---	---	---	---	---	---	---	---	---	9.8	6.4	8.1
26	---	---	---	---	---	---	10.4	8.3	9.8	9.7	6.9	8.1
27	---	---	---	---	---	---	10.4	7.9	9.1	9.6	7.5	8.4
28	---	---	---	---	---	---	9.9	7.4	8.6	9.7	7.4	8.5
29	---	---	---	---	---	---	9.9	8.1	8.9	10.0	7.9	8.8
30	---	---	---	---	---	---	10.0	8.0	8.9	10.1	8.1	8.9
31	---	---	---	---	---	---	---	---	---	10.0	7.8	8.8
MONTH	---	---	---	---	---	---	---	---	---	10.1	6.4	8.5
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.9	7.8	8.7	---	---	---	9.0	7.5	8.1	10.6	5.7	8.6
2	9.9	7.7	8.7	11.0	8.0	9.2	9.3	6.3	7.7	10.9	7.9	9.1
3	10.0	7.5	8.6	10.9	7.7	9.2	8.1	6.4	7.3	10.6	7.6	8.9
4	8.7	6.9	7.5	11.0	7.5	9.1	8.5	7.0	7.7	10.7	7.6	8.9
5	---	---	---	10.8	7.5	9.0	9.1	7.4	8.1	11.0	7.5	9.0
6	---	---	---	10.6	7.5	9.4	9.2	7.4	8.1	12.1	8.6	10.1
7	---	---	---	---	---	---	9.6	7.2	8.2	12.4	9.5	10.6
8	---	---	---	---	---	---	10.0	7.2	8.4	11.2	8.5	9.5
9	9.5	7.5	8.4	---	---	---	10.1	7.3	8.2	11.0	8.3	9.3
10	9.7	7.5	8.5	---	---	---	9.9	4.7	7.8	8.4	3.2	6.6
11	9.8	7.6	8.6	---	---	---	9.4	5.2	7.5	6.2	2.8	4.2
12	9.7	7.5	8.5	9.9	3.6	8.0	9.8	7.2	8.2	6.3	2.9	4.4
13	9.7	7.1	8.1	10.0	3.1	7.7	10.1	7.4	8.5	9.7	2.9	7.0
14	9.3	3.4	7.6	10.0	7.1	8.4	10.3	7.2	8.8	9.9	2.9	7.8
15	9.5	6.9	8.3	10.0	6.1	8.2	9.5	6.4	7.7	9.7	6.9	8.1
16	8.3	7.0	8.4	9.9	5.5	7.9	10.2	6.4	8.4	9.9	7.4	8.5
17	9.4	7.4	8.3	10.2	7.0	8.4	10.2	6.4	8.4	10.0	7.6	8.6
18	9.6	7.5	8.4	10.4	7.2	8.6	10.1	7.5	8.6	10.0	7.4	8.5
19	9.9	7.0	8.1	10.4	7.0	8.4	10.2	7.6	8.7	10.1	7.2	8.4
20	9.4	7.5	8.5	10.1	5.3	7.9	10.3	7.6	8.7	9.7	6.8	7.9
21	9.1	6.8	8.1	9.5	5.3	7.4	10.4	7.6	8.7	8.9	6.1	7.2
22	9.2	7.5	8.4	10.6	7.7	9.1	10.6	7.6	8.8	9.4	6.6	7.5
23	9.5	7.9	8.6	11.3	8.1	9.5	10.7	7.3	8.6	9.7	5.7	7.6
24	9.8	7.9	8.7	11.6	8.2	9.7	10.4	6.1	8.3	7.7	4.6	6.4
25	10.2	7.2	8.3	11.7	7.4	9.2	10.2	6.1	8.3	7.8	6.7	7.2
26	9.6	7.5	8.4	10.0	6.9	8.6	10.5	7.3	8.7	9.4	7.8	8.6
27	10.0	7.7	8.8	9.7	7.3	8.7	10.4	7.5	8.6	9.3	8.1	8.7
28	10.0	7.7	8.7	8.6	6.9	7.7	10.5	7.6	8.6	9.7	8.1	8.7
29	10.7	7.9	8.7	8.8	7.0	8.0	11.1	7.6	8.8	10.1	7.6	8.9
30	---	---	---	---	---	---	10.8	7.8	9.0	10.1	7.7	8.7
31	---	---	---	8.7	5.9	6.9	11.0	7.2	9.0	---	---	---
MONTH	---	---	---	---	---	---	11.1	4.7	8.3	12.4	2.8	8.1

MOBILE RIVER BASIN

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, 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	10.2	7.4	8.5	11.5	8.5	9.5	14.7	10.6	12.1	12.2	10.4	11.1
2	10.4	7.5	8.7	11.9	8.7	9.8	15.7	13.9	14.5	12.6	10.8	11.4
3	10.6	7.3	8.6	11.9	8.9	9.9	15.7	12.5	14.1	12.5	10.5	11.3
4	10.8	7.2	8.6	11.3	8.1	9.7	15.8	14.0	14.8	12.3	10.1	11.0
5	10.4	7.4	8.7	12.3	8.1	10.0	15.8	13.7	14.6	12.0	9.7	10.6
6	9.0	6.6	7.5	11.2	9.0	9.9	15.5	13.6	14.3	11.9	9.6	10.5
7	9.7	6.1	8.6	10.4	8.6	9.4	15.7	13.2	14.2	11.8	8.8	10.1
8	10.8	9.5	10.1	---	---	---	15.6	13.1	14.0	10.4	8.9	9.6
9	11.2	9.1	10.3	---	---	---	15.1	12.9	13.6	---	---	---
10	10.9	8.3	9.9	---	---	---	14.5	12.6	13.2	---	---	---
11	10.8	8.6	9.8	---	---	---	14.0	8.6	11.3	---	---	---
12	10.8	8.8	9.6	---	---	---	11.6	8.6	10.2	---	---	---
13	10.8	7.2	9.2	11.2	8.7	9.5	11.5	9.2	10.3	---	---	---
14	10.8	7.9	9.2	12.6	11.0	11.9	9.3	8.3	8.9	---	---	---
15	10.5	7.7	9.0	12.7	9.3	10.0	10.2	8.6	9.2	12.0	9.4	10.8
16	10.6	8.1	9.1	---	---	---	9.3	7.2	8.0	11.8	10.5	11.0
17	10.7	8.2	9.1	8.7	7.7	8.2	10.2	7.6	9.4	11.9	10.7	11.1
18	11.0	8.4	9.3	10.9	8.6	9.0	10.6	9.2	9.9	12.3	10.7	11.2
19	11.2	8.7	9.6	10.2	8.6	9.2	11.0	9.3	10.3	11.5	10.7	11.2
20	11.2	8.7	9.6	9.4	8.6	8.9	11.5	10.2	10.8	11.8	11.1	11.5
21	11.4	8.9	9.7	9.9	8.9	9.3	10.4	10.0	10.2	12.3	11.6	11.8
22	11.4	9.1	9.9	10.1	8.8	9.5	11.7	10.3	10.9	12.3	11.5	11.8
23	11.6	9.2	10.1	9.8	8.5	9.0	11.7	10.1	10.8	12.2	11.4	11.8
24	11.8	9.3	10.1	9.6	8.6	8.9	11.4	9.7	10.3	12.1	11.4	11.7
25	11.9	9.4	10.2	---	---	---	11.8	9.9	10.6	12.6	11.5	12.0
26	12.0	9.4	10.3	---	---	---	11.8	9.6	10.4	12.7	11.7	12.1
27	11.8	9.4	10.3	---	---	---	10.5	9.1	9.6	12.5	11.6	11.9
28	11.4	9.2	10.0	---	---	---	10.2	9.0	9.5	12.6	11.5	12.0
29	11.3	9.2	10.0	15.5	11.9	12.9	11.5	9.8	10.4	12.4	7.2	11.3
30	10.9	8.0	9.4	16.5	11.2	13.3	12.1	10.4	11.1	11.9	10.9	11.4
31	11.1	8.2	9.2	---	---	---	12.1	10.4	11.2	12.1	11.2	11.6
MONTH	12.0	6.1	9.4	---	---	---	15.8	7.2	11.4	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	12.6	9.4	10.9	---	---	---	---	---	---	---	---	---
2	10.7	9.4	9.9	---	---	---	---	---	---	---	---	---
3	10.9	9.4	10.1	---	---	---	---	---	---	---	---	---
4	10.8	9.3	9.9	---	---	---	---	---	---	---	---	---
5	10.8	9.3	9.9	---	---	---	---	---	---	---	---	---
6	10.8	9.2	9.9	---	---	---	---	---	---	---	---	---
7	10.7	8.9	9.7	---	---	---	---	---	---	---	---	---
8	10.7	8.6	9.4	---	---	---	---	---	---	---	---	---
9	9.9	8.1	9.2	---	---	---	---	---	---	---	---	---
10	9.9	8.1	9.0	---	---	---	---	---	---	---	---	---
11	10.3	8.8	9.5	---	---	---	---	---	---	---	---	---
12	9.8	8.5	9.0	---	---	---	---	---	---	---	---	---
13	9.9	8.4	9.0	---	---	---	---	---	---	---	---	---
14	8.8	7.8	8.3	---	---	---	---	---	---	---	---	---
15	10.5	7.6	8.2	---	---	---	---	---	---	---	---	---
16	8.6	7.4	7.9	---	---	---	---	---	---	---	---	---
17	9.0	7.9	8.4	---	---	---	---	---	---	---	---	---
18	9.0	8.0	8.5	---	---	---	---	---	---	---	---	---
19	8.8	7.6	8.2	---	---	---	---	---	---	---	---	---
20	8.5	7.2	7.7	---	---	---	---	---	---	---	---	---
21	8.2	7.1	7.8	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02458200 VILLAGE CREEK AT APALACHEE STREET IN BIRMINGHAM, AL

LOCATION.--Lat 33°32'45", long 86°45'09", in SW$^1/_4$NW$^1/_4$NE$^1/_4$ 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 mi^2.
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: Oct. 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.
EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 19, 1970 reached a stage of 20.40 ft, discharge, 4,330 ft^3/s. Flood of Sept. 6, 1977 reached a stage of 19.60 ft, discharge 4,190 ft^3/s.

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	e4.1	199	9.9	9.9	20	14	26	12	11	8.9	15	8.5
2	e4.0	34	9.4	10	18	14	474	12	11	8.6	132	9.5
3	e9.0	12	9.6	12	16	26	1200	12	11	8.7	18	9.0
4	44	9.8	9.7	138	15	17	203	12	34	8.7	20	9.6
5	8.5	9.0	16	16	14	12	70	12	21	9.2	14	8.9
6	7.7	8.4	12	14	13	12	43	12	11	9.7	13	8.7
7	7.5	8.6	11	13	13	12	33	13	9.7	9.1	13	8.0
8	9.1	8.5	10	14	13	11	35	13	9.5	8.5	13	7.5
9	19	8.4	10	67	12	11	25	12	10	8.3	23	6.9
10	373	8.4	38	126	12	664	23	13	10	8.4	19	6.9
11	15	8.5	12	23	12	660	21	13	11	8.9	16	6.8
12	9.6	8.6	14	18	12	50	48	13	11	8.6	12	6.6
13	9.2	8.7	152	17	61	31	21	12	14	8.7	12	6.6
14	9.1	8.9	19	14	26	24	64	12	11	9.3	12	6.6
15	9.0	8.9	15	13	14	21	24	13	13	10	13	6.4
16	8.8	9.1	13	13	14	20	21	13	23	9.9	15	5.5
17	8.9	8.8	12	30	13	17	20	13	13	8.8	16	5.3
18	8.8	8.7	19	17	13	16	19	13	12	9.4	17	5.0
19	8.5	8.3	19	19	13	562	18	13	51	9.7	17	4.5
20	18	52	13	15	11	80	17	14	9.7	58	17	4.4
21	8.7	14	38	13	11	39	20	15	12	11	18	5.6
22	8.2	12	17	66	11	29	16	13	8.9	8.8	17	3.5
23	8.3	11	14	128	11	24	19	13	8.5	10	17	81
24	8.2	10	13	27	11	21	18	14	8.4	10	21	13
25	8.1	10	12	21	11	25	15	16	9.7	16	15	12
26	8.3	13	12	18	11	27	14	18	10	89	13	8.4
27	8.1	11	11	16	122	43	27	11	9.2	13	13	7.7
28	8.0	11	11	28	18	20	27	17	12	9.9	11	7.3
29	7.9	10	11	74	15	18	14	9.6	15	11	11	7.1
30	8.2	9.7	10	29	---	153	13	10	9.8	88	9.3	6.9
31	8.2	---	9.9	22	---	27	---	11	---	107	9.2	---
TOTAL	681.0	548.3	582.5	1040.9	556	2700	2588	399.6	410.4	603.1	581.5	293.7
MEAN	22.0	18.3	18.8	33.6	19.2	87.1	86.3	12.9	13.7	19.5	18.8	9.79
MAX	373	199	152	138	122	664	1200	18	51	107	132	81
MIN	4.0	8.3	9.4	9.9	11	11	13	9.6	8.4	8.3	9.2	3.5
CFSM	1.41	1.17	1.20	2.15	1.23	5.58	5.53	.83	.88	1.25	1.20	.63
IN.	1.62	1.31	1.39	2.48	1.33	6.44	6.17	.95	.98	1.44	1.39	.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	14.9	19.5	27.7	47.9	26.1	72.1	54.8	22.6	40.9	19.3	13.6	8.59
MAX	22.0	20.8	36.6	62.1	33.3	87.1	86.3	32.4	68.0	19.5	18.8	9.79
(WY)	2000	1999	1999	1999	1999	2000	2000	1999	1999	2000	2000	2000
MIN	7.79	18.3	18.8	33.6	19.2	57.1	23.2	12.9	13.7	19.2	8.40	7.40
(WY)	1999	2000	2000	2000	2000	1999	1999	2000	2000	1999	1999	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	11259.3		10985.0			
ANNUAL MEAN	30.8		30.0		30.7	
HIGHEST ANNUAL MEAN					31.4	1999
LOWEST ANNUAL MEAN					30.0	2000
HIGHEST DAILY MEAN	970	Jun 28	1200	Apr 3	1200	Apr 3 2000
LOWEST DAILY MEAN	3.7	Sep 23	3.5	Sep 22	3.5	Sep 22 2000
ANNUAL SEVEN-DAY MINIMUM	4.1	Sep 22	4.8	Sep 16	4.1	Sep 22 1999
INSTANTANEOUS PEAK FLOW			4950	Mar 10	4950	Mar 10 2000
INSTANTANEOUS PEAK STAGE			18.78	Mar 10	18.78	Mar 10 2000
ANNUAL RUNOFF (CFSM)	1.98		1.92		1.97	
ANNUAL RUNOFF (INCHES)	26.85		26.19		26.73	
10 PERCENT EXCEEDS	46		38		45	
50 PERCENT EXCEEDS	17		13		14	
90 PERCENT EXCEEDS	7.4		8.4		7.3	

e Estimated

02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL

LOCATION.--Lat 33°32'33", long 86°49'03", in NE$^1/_4$ 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 mi^2.
PERIOD OF RECORD.--June 1988 to current year.
GAGE.--Water-stage recorder. Datum of gage is 531.09 ft above sea level.
REMARKS.--Estimated daily discharges: Sept. 1-5, 27-30. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	330	13	9.4	29	18	46	20	12	13	24	e10
2	11	72	13	9.0	25	17	751	20	12	13	220	e11
3	19	25	13	11	22	54	2060	20	13	13	34	e9.7
4	95	19	13	210	20	29	350	18	61	12	71	e9.3
5	17	17	27	21	18	17	134	18	47	12	24	e8.9
6	15	16	15	16	17	16	85	18	17	12	18	9.2
7	15	15	14	15	17	15	64	17	14	12	16	9.3
8	19	15	13	17	16	14	71	18	13	12	15	9.4
9	45	15	14	116	15	14	45	17	13	13	29	10
10	645	14	78	199	15	960	40	19	13	12	23	9.2
11	36	14	16	33	15	1240	34	17	13	13	23	9.5
12	23	14	19	25	14	104	104	16	12	12	15	9.9
13	20	14	251	23	92	64	46	15	18	12	14	9.5
14	18	14	23	17	47	47	123	14	13	12	14	9.1
15	17	13	16	15	19	57	52	13	16	12	13	9.3
16	15	14	13	18	18	38	43	13	39	18	13	9.2
17	13	14	12	54	18	30	38	14	15	12	11	8.6
18	13	13	24	21	17	26	35	13	13	12	11	8.8
19	12	13	26	29	18	914	32	13	112	12	10	8.9
20	40	103	13	19	14	157	31	21	22	87	9.2	8.9
21	14	18	63	16	14	77	37	20	21	21	9.0	12
22	13	16	20	100	14	56	26	14	16	12	8.5	12
23	13	15	15	202	13	45	34	13	14	13	8.2	105
24	12	14	13	43	12	38	33	13	13	11	13	22
25	12	14	12	31	12	36	25	18	14	17	16	17
26	12	16	11	25	12	52	23	43	34	104	12	12
27	12	13	11	22	199	83	39	18	15	18	12	e11
28	12	14	11	49	25	34	59	38	36	10	11	e10
29	11	13	10	132	20	29	23	13	28	10	11	e9.2
30	12	13	9.7	46	---	250	20	13	15	172	10	e8.8
31	11	---	9.5	34	---	47	---	12	---	195	12	---
TOTAL	1233	910	811.2	1577.4	787	4578	4503	549	694	909	729.9	406.7
MEAN	39.8	30.3	26.2	50.9	27.1	148	150	17.7	23.1	29.3	23.5	13.6
MAX	645	330	251	210	199	1240	2060	43	112	195	220	105
MIN	11	13	9.5	9.0	12	14	20	12	12	10	8.2	8.6
CFSM	1.53	1.17	1.01	1.96	1.04	5.68	5.77	.68	.89	1.13	.91	.52
IN.	1.76	1.30	1.16	2.26	1.13	6.55	6.44	.79	.99	1.30	1.04	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2000, BY WATER YEAR (WY)

MEAN	37.7	46.7	47.4	80.4	68.1	88.6	58.3	45.1	45.6	45.4	32.6	37.0
MAX	132	97.3	67.6	137	137	154	150	106	124	81.8	65.8	74.7
(WY)	1996	1993	1993	1998	1990	1996	2000	1991	1999	1989	1998	1988
MIN	12.7	25.9	26.2	35.2	27.1	42.9	27.2	14.6	13.8	14.5	12.8	10.7
(WY)	1992	1994	2000	1992	2000	1992	1990	1992	1988	1995	1989	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1988 - 2000	
ANNUAL TOTAL	18441.8		17688.2			
ANNUAL MEAN	50.5		48.3		52.9	
HIGHEST ANNUAL MEAN					74.9	1996
LOWEST ANNUAL MEAN					39.1	1992
HIGHEST DAILY MEAN	1630	Jun 28	2060	Apr 3	2060	Apr 3 2000
LOWEST DAILY MEAN	7.7	Sep 16	8.2	Aug 23	7.0	Jun 12 1988
ANNUAL SEVEN-DAY MINIMUM	8.5	Sep 11	9.0	Sep 14	8.2	Jun 9 1988
INSTANTANEOUS PEAK FLOW			6280	Mar 10	6280	Mar 10 2000
INSTANTANEOUS PEAK STAGE			13.23	Mar 10	13.23	Mar 10 2000
ANNUAL RUNOFF (CFSM)	1.94		1.86		2.03	
ANNUAL RUNOFF (INCHES)	26.39		25.31		27.63	
10 PERCENT EXCEEDS	98		74		104	
50 PERCENT EXCEEDS	23		16		23	
90 PERCENT EXCEEDS	11		11		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 mi^2.

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.--Estimated daily discharges: Dec. 13, 19, 21, Jan. 4, Mar. 4, 10, 11, 15, 16, 18, 19, Apr. 2-4, 12-20, May 5-10, June 5, 6, July 20-24, 26-28. Water-discharge records good except those of missing 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	429	20	15	52	30	73	24	15	19	61	15
2	12	124	20	13	47	24	e900	22	14	13	385	16
3	20	39	13	16	43	63	e2400	22	15	14	78	15
4	117	29	14	e250	38	e80	e600	20	68	14	157	13
5	24	26	32	42	36	29	204	e22	e55	12	56	13
6	22	25	24	37	35	24	128	e20	e23	17	28	18
7	23	27	12	34	32	21	100	e21	17	12	25	16
8	22	25	13	32	34	23	108	e20	17	12	22	14
9	57	23	21	178	36	27	70	e23	15	18	38	14
10	785	22	113	304	36	e1050	58	e25	17	11	38	15
11	51	21	27	62	33	e2500	52	26	15	14	45	13
12	33	23	24	49	32	165	e140	23	15	16	21	14
13	30	22	e350	44	112	100	e60	22	20	17	20	15
14	27	22	38	36	118	78	e140	23	18	23	15	13
15	24	21	26	35	38	e100	e70	20	24	35	18	12
16	23	22	21	36	33	e70	e55	21	41	32	18	12
17	23	21	18	87	24	57	e45	23	19	21	23	13
18	19	19	27	42	25	e55	e42	22	17	22	23	9.4
19	21	19	e60	48	36	e1200	e40	18	236	22	21	9.9
20	48	154	21	40	30	278	e38	24	47	e130	23	11
21	23	31	e110	34	29	125	46	26	24	e35	19	16
22	21	24	43	122	29	90	34	20	21	e18	18	16
23	20	24	34	371	17	82	40	18	17	e20	16	110
24	15	22	30	72	15	74	38	18	15	e17	17	39
25	13	18	28	56	20	65	30	27	12	26	24	17
26	13	22	27	49	21	75	26	82	52	e100	14	13
27	14	20	27	42	300	95	34	27	33	e30	14	13
28	12	23	25	76	39	62	101	43	92	e17	11	15
29	12	23	16	205	32	53	37	19	41	22	12	13
30	18	21	16	76	---	373	32	17	21	333	12	15
31	21	---	16	55	---	83	---	17	---	337	14	---
TOTAL	1576	1341	1266	2558	1372	7151	5741	755	1036	1429	1286	538.3
MEAN	50.8	44.7	40.8	82.5	47.3	231	191	24.4	34.5	46.1	41.5	17.9
MAX	785	429	350	371	300	2500	2400	82	236	337	385	110
MIN	12	18	12	13	15	21	26	17	12	11	11	9.4
CFSM	1.52	1.33	1.22	2.46	1.41	6.89	5.71	.73	1.03	1.38	1.24	.54
IN.	1.75	1.49	1.41	2.84	1.52	7.94	6.38	.84	1.15	1.59	1.43	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2000, BY WATER YEAR (WY)

MEAN	65.5	64.9	65.2	113	93.5	147	101	79.2	72.1	73.5	47.9	68.8
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	40.8	45.0	47.3	57.9	29.6	24.4	32.0	22.9	21.5	17.9
(WY)	1979	1979	1994	1992	2000	1992	1978	2000	1977	1995	1999	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1975 - 2000	
ANNUAL TOTAL	25911.7		26049.3			
ANNUAL MEAN	71.0		71.2		82.4	
HIGHEST ANNUAL MEAN					127	1996
LOWEST ANNUAL MEAN					56.0	1992
HIGHEST DAILY MEAN	2030	Jun 28	2500	Mar 11	3400	Apr 13 1979
LOWEST DAILY MEAN	9.7	Sep 24	9.4	Sep 18	9.4	Sep 18 2000
ANNUAL SEVEN-DAY MINIMUM	13	Sep 22	11	Sep 14	10	Aug 31 1995
INSTANTANEOUS PEAK FLOW			6170	Mar 11	6320	Jan 26 1996
INSTANTANEOUS PEAK STAGE			13.69	Mar 11	13.70	Jan 26 1996
ANNUAL RUNOFF (CFSM)	2.12		2.12		2.46	
ANNUAL RUNOFF (INCHES)	28.77		28.93		33.42	
10 PERCENT EXCEEDS	129		111		152	
50 PERCENT EXCEEDS	35		24		39	
90 PERCENT EXCEEDS	18		14		20	

e Estimated

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 current year.
INSTRUMENTATION.--Water-quality monitor since May 1991.
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, 2.4°C, Mar. 13, 1993.
DISSOLVED OXYGEN: Maximum, 20.1 mg/L, Feb. 19, 1996; minimum, 0.5 mg/L, Sept. 2, 21-24, 1992.
DISSOLVED OXYGEN: Maximum, 15.4 mg/L, Feb. 15; minimum, 0.6 mg/L, Aug. 21.
TURBIDITY.--Maximum, 1,900 NTU's, June 17 and July 30, 2000; minimum, 1.0 NTU's, July 11, 2000.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 784 microSiemens, Oct. 26; minimum, 89 microSiemens, Jan. 23.
WATER TEMPERATURE: Maximum, 33.6°C, July 31; minimum, 5.1°C, Jan. 5.
DISSOLVED OXYGEN: Maximum, 15.4 mg/L, Feb. 15; minimum, 0.6 mg/L, Aug. 21.
TURBIDITY.--Maximum, 1,900 NTU's, June 17 and July 30; minimum, 1.0 NTU's, July 11.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	414	392	402	439	87	326	455	411	431	481	454	469
2	417	394	407	380	174	308	439	355	412	464	438	452
3	434	347	402	460	380	430	445	391	418	466	407	452
4	356	171	264	455	446	450	462	414	436	407	195	268
5	413	326	364	463	442	453	458	383	428	466	370	426
6	430	396	412	474	450	460	386	365	376	472	465	469
7	471	409	429	462	369	436	421	386	402	488	466	477
8	472	393	429	439	367	422	429	416	425	477	455	470
9	421	270	345	446	430	438	447	418	425	455	132	311
10	360	74	249	473	445	466	423	179	283	415	135	270
11	434	360	401	464	438	451	430	347	392	468	415	449
12	470	434	450	462	411	440	440	233	425	480	442	470
13	469	452	456	464	428	444	---	---	---	482	429	471
14	469	456	463	465	434	451	464	395	422	486	462	471
15	457	432	444	458	436	448	465	449	458	490	469	483
16	457	423	443	466	439	451	467	459	462	487	470	478
17	462	406	440	476	439	459	471	443	456	473	268	354
18	445	408	430	471	442	455	472	211	444	453	337	414
19	438	407	422	458	436	447	---	---	---	---	---	---
20	457	301	360	465	172	319	454	381	425	462	395	415
21	431	328	375	415	310	373	---	---	---	487	462	473
22	467	414	431	443	415	434	450	363	399	486	200	439
23	481	419	448	457	435	442	471	450	464	327	150	240
24	481	426	443	462	433	449	470	460	465	458	401	429
25	442	413	429	450	442	446	468	433	458	487	458	474
26	441	413	427	457	428	447	457	447	454	487	468	480
27	446	408	429	450	424	434	463	444	454	487	477	481
28	438	407	422	457	447	451	470	460	466	---	---	---
29	442	404	420	452	401	433	472	454	463	320	215	273
30	456	405	427	446	423	437	495	466	476	427	294	391
31	456	362	424	---	---	---	480	460	472	462	444	450
MONTH	481	74	409	476	87	430	---	---	---	---	---	---

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	467	460	463	471	461	466	470	425	454	457	382	442
2	---	---	---	474	452	466	425	112	241	459	402	443
3	482	473	476	475	286	445	---	---	---	471	435	454
4	481	467	473	412	252	324	---	---	---	472	439	454
5	478	454	469	454	412	443	421	385	404	474	430	447
6	472	463	469	458	449	453	445	421	436	---	---	---
7	472	450	459	526	451	477	460	444	450	---	---	---
8	465	448	456	505	460	476	456	349	403	---	---	---
9	470	455	461	483	460	469	452	423	447	---	---	---
10	478	454	465	---	---	---	465	445	455	---	---	---
11	467	429	448	391	90	257	468	456	461	464	389	441
12	463	432	444	434	391	420	---	---	---	453	403	428
13	464	155	417	469	434	456	---	---	---	461	402	418
14	400	152	303	478	468	474	---	---	---	466	402	423
15	452	400	432	493	415	466	---	---	---	434	376	405
16	467	422	447	---	---	---	---	---	---	420	355	383
17	467	434	447	497	463	478	---	---	---	450	358	390
18	---	---	---	---	---	---	---	---	---	451	335	390
19	472	453	462	---	---	---	---	---	---	432	338	392
20	456	438	449	---	---	---	---	---	---	514	361	412
21	464	442	452	445	422	434	479	420	442	409	379	390
22	464	432	447	487	434	453	462	438	454	425	359	396
23	457	431	441	472	460	463	463	428	453	443	379	408
24	462	432	442	479	463	467	436	402	415	430	369	406
25	463	433	450	466	428	460	463	412	433	423	271	385
26	482	453	463	446	301	373	467	439	453	381	128	300
27	482	132	273	444	242	352	467	372	448	425	324	376
28	446	359	415	452	297	397	400	207	305	397	285	325
29	463	438	451	467	450	458	476	400	447	427	345	382
30	---	---	---	468	103	271	470	426	449	427	380	406
31	---	---	---	497	410	430	---	---	---	419	365	393
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
		JUNE			JULY			AUGUST			SEPTEMBER	
1	417	362	396	494	400	435	426	264	378	458	378	414
2	421	350	389	483	409	441	429	118	312	448	374	414
3	414	357	391	455	401	431	436	249	376	477	386	421
4	546	227	366	445	364	409	447	136	368	422	351	389
5	319	260	289	437	364	401	468	292	405	421	376	404
6	381	291	339	439	355	399	470	448	463	427	394	409
7	405	358	387	437	351	398	470	408	449	491	403	434
8	408	352	388	449	339	397	469	420	449	454	382	415
9	410	366	393	---	---	---	465	329	432	459	362	406
10	412	353	380	---	---	---	378	249	328	478	362	422
11	417	364	391	426	309	378	395	317	347	420	381	403
12	418	354	385	454	350	410	446	386	406	424	335	392
13	417	317	383	441	350	402	449	347	413	403	374	388
14	405	351	378	463	347	416	439	380	409	444	372	402
15	416	340	379	438	310	377	452	380	420	459	375	410
16	399	279	349	407	299	369	454	385	424	454	393	420
17	391	291	337	417	352	388	456	322	405	510	401	461
18	432	386	410	426	340	393	449	349	401	430	381	408
19	429	130	323	428	353	391	449	387	418	430	382	405
20	433	235	359	---	---	---	468	385	421	411	375	394
21	459	412	430	---	---	---	427	359	399	440	377	406
22	428	344	382	---	---	---	435	367	407	412	394	404
23	434	363	408	---	---	---	423	332	390	422	128	375
24	442	370	407	---	---	---	455	333	396	351	146	279
25	444	390	423	413	359	382	414	339	374	383	351	369
26	439	160	378	385	318	344	438	359	397	390	364	380
27	405	222	328	---	---	---	485	380	425	410	315	373
28	434	169	352	---	---	---	422	379	401	380	317	347
29	400	215	326	454	359	408	413	370	394	372	315	338
30	403	333	369	438	108	321	448	363	408	374	306	339
31	---	---	---	343	93	233	461	384	412	---	---	---
MONTH	546	130	374	---	---	---	485	118	401	510	128	394

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	23.3	16.8	19.5	18.9	17.7	18.4	12.1	8.1	9.7	14.4	11.9	13.1
2	24.0	17.4	20.2	17.7	14.3	16.6	12.6	8.7	10.3	16.0	13.1	14.5
3	25.0	19.9	22.1	15.6	12.7	13.8	12.1	9.8	11.0	17.6	15.0	16.4
4	24.4	21.1	22.9	16.0	11.5	13.3	15.6	11.6	13.3	17.4	12.0	15.1
5	23.2	18.3	20.3	16.9	12.0	14.0	14.6	13.1	13.8	12.1	9.6	10.9
6	22.9	16.8	19.4	17.6	12.5	14.6	13.5	10.0	12.3	11.9	8.4	9.8
7	23.1	18.1	20.1	18.7	13.7	15.8	12.1	8.0	9.9	12.0	8.3	9.8
8	22.5	18.9	20.5	19.2	14.9	16.7	11.9	8.0	10.1	11.8	9.1	10.5
9	22.1	20.4	21.2	19.4	15.1	16.9	14.2	11.5	12.8	15.4	11.6	13.8
10	22.8	21.3	22.0	19.4	15.4	17.1	14.7	13.3	14.1	15.0	13.1	14.3
11	23.4	20.9	22.1	19.9	16.2	17.5	15.3	12.2	13.4	14.6	11.9	13.1
12	22.8	20.4	21.6	19.1	14.7	16.6	15.5	12.7	14.0	15.2	12.5	13.6
13	23.7	20.8	21.9	17.9	14.9	16.1	16.3	15.2	15.7	16.8	11.9	14.6
14	24.4	20.0	21.6	19.0	14.4	16.3	14.2	12.2	13.1	12.0	9.2	10.5
15	22.7	18.5	20.3	16.9	13.3	15.1	13.6	10.6	12.1	12.0	8.1	9.7
16	24.2	18.9	20.9	15.4	11.7	13.2	12.2	9.2	10.3	13.0	9.4	11.4
17	23.7	19.2	21.1	14.9	10.8	12.5	12.1	8.3	10.3	13.9	13.0	13.5
18	22.0	18.4	19.7	15.0	10.5	12.5	11.2	10.0	10.6	14.6	12.7	13.7
19	20.5	17.2	18.4	16.4	12.3	14.2	13.7	10.7	12.1	12.7	11.6	11.8
20	18.9	16.3	17.4	16.2	14.8	15.6	14.8	12.7	13.4	12.4	8.6	10.8
21	19.2	14.4	16.3	18.2	15.7	16.8	---	---	---	9.7	6.6	7.9
22	19.5	14.3	16.4	19.5	16.1	17.4	11.0	8.4	9.4	8.0	7.0	7.5
23	17.8	14.0	15.6	19.3	15.6	17.1	10.8	7.6	8.9	9.0	7.3	8.1
24	16.5	11.8	13.8	18.8	15.7	17.1	10.1	7.4	8.4	---	---	---
25	16.9	11.2	13.5	16.9	15.6	16.3	8.8	5.6	7.0	8.8	6.3	7.4
26	17.6	11.9	14.4	16.3	12.9	14.6	9.6	5.4	7.2	8.1	5.4	6.5
27	19.0	13.3	15.7	15.5	11.1	13.0	9.8	6.3	7.8	8.5	4.9	6.5
28	19.8	14.2	16.6	15.8	11.4	13.3	9.3	6.8	7.7	---	---	---
29	19.8	14.9	17.1	15.2	11.3	13.0	10.1	5.6	7.6	7.2	6.6	6.7
30	20.9	15.8	17.9	12.6	9.2	10.6	11.4	6.6	8.9	9.2	7.2	8.1
31	21.0	17.7	19.1	---	---	---	12.6	9.8	11.2	9.5	6.6	7.7
MONTH	25.0	11.2	19.0	19.9	9.2	15.2	---	---	---	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	10.4	6.6	8.3	18.6	14.4	16.3	20.7	16.9	18.6	24.1	17.7	20.4
2	10.6	6.9	8.3	18.9	13.7	15.9	19.0	16.6	18.0	23.7	18.9	21.2
3	11.1	6.6	8.5	16.6	13.6	15.3	---	---	---	25.6	20.0	22.4
4	11.5	8.0	9.3	18.3	14.1	15.7	---	---	---	26.8	20.5	23.2
5	10.6	6.8	8.2	18.8	12.8	15.5	18.1	13.7	15.8	26.8	20.9	24.0
6	10.8	5.9	8.0	20.1	13.0	16.2	19.8	15.0	17.2	---	---	---
7	11.3	7.1	8.9	20.1	13.9	16.9	20.1	16.7	18.1	---	---	---
8	13.2	8.2	10.3	21.5	15.0	18.0	18.4	13.4	16.1	---	---	---
9	13.9	8.8	11.0	20.1	16.9	18.4	18.0	12.1	14.7	---	---	---
10	14.6	9.7	11.9	---	---	---	18.6	13.9	16.2	---	---	---
11	16.3	12.2	14.1	16.5	13.9	15.7	18.5	16.1	17.2	27.8	21.5	24.2
12	17.6	14.1	15.2	15.8	12.2	13.9	---	---	---	28.9	22.8	25.3
13	15.8	13.6	14.7	16.6	12.0	14.2	---	---	---	28.5	23.2	25.3
14	16.9	13.4	15.1	17.6	12.8	15.1	---	---	---	26.9	21.0	23.6
15	15.8	11.4	13.4	18.2	14.6	16.5	---	---	---	25.6	18.9	22.0
16	15.8	13.1	14.4	---	---	---	---	---	---	25.6	19.9	22.4
17	15.7	13.0	14.4	18.7	15.4	17.1	---	---	---	26.9	20.6	23.5
18	---	---	---	---	---	---	---	---	---	27.8	21.9	24.5
19	17.0	12.0	15.1	---	---	---	---	---	---	26.6	22.4	24.5
20	14.9	10.1	12.1	16.0	13.7	14.8	---	---	---	25.5	22.8	23.9
21	15.3	9.4	12.0	18.2	13.2	15.5	20.4	16.6	18.7	26.4	22.5	24.1
22	16.4	10.9	13.3	19.1	14.7	16.9	21.5	14.9	17.7	27.6	21.8	24.4
23	16.7	11.7	14.1	20.4	15.0	17.3	18.3	16.5	17.1	26.9	22.2	24.5
24	20.0	13.8	16.6	21.4	16.3	18.6	19.4	16.4	17.5	28.5	22.8	25.3
25	19.4	15.0	17.1	20.8	17.1	18.9	20.1	15.8	17.4	29.3	24.1	26.1
26	19.6	15.2	17.3	20.0	17.9	18.8	22.4	15.0	18.2	26.5	23.2	25.0
27	17.4	14.8	15.9	19.0	16.7	17.9	22.0	15.8	18.6	29.8	23.9	26.4
28	17.7	12.7	14.9	19.4	14.6	17.0	19.8	16.4	17.8	26.9	24.1	25.3
29	18.0	12.6	15.0	16.7	14.5	15.6	21.7	16.0	18.7	27.1	21.8	24.2
30	---	---	---	16.9	12.3	14.9	23.7	16.7	19.8	28.4	20.9	24.3
31	---	---	---	20.9	15.3	17.9	---	---	---	29.1	21.9	25.2
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	29.0	22.3	25.4	30.5	23.2	26.4	29.0	25.1	26.6	28.7	25.1	26.6
2	30.1	22.6	26.1	31.4	23.5	27.2	27.6	24.3	25.6	28.8	24.6	26.5
3	29.2	23.6	26.2	30.5	24.7	27.5	28.2	24.7	26.1	30.2	24.8	27.1
4	26.1	23.5	24.4	32.1	25.2	28.2	28.7	25.1	26.0	30.7	24.9	27.6
5	23.6	22.4	23.2	32.0	25.3	28.4	30.3	25.0	27.2	29.5	25.4	27.2
6	26.0	21.2	23.2	32.1	25.8	28.7	31.4	25.4	28.1	26.4	22.4	24.1
7	27.3	19.5	23.0	32.8	26.0	29.1	32.5	25.7	28.6	22.5	21.4	22.0
8	28.3	20.5	23.9	32.1	25.7	28.9	32.0	26.1	28.7	25.0	21.8	23.1
9	29.1	22.0	25.2	---	---	---	32.0	26.4	28.7	26.2	23.0	24.4
10	29.7	22.7	26.0	---	---	---	32.2	26.5	28.6	26.7	23.6	24.9
11	29.4	23.4	26.3	32.7	26.8	29.6	30.8	25.8	27.8	28.3	23.1	25.4
12	29.8	23.9	26.7	33.2	27.0	29.8	30.4	24.0	26.8	27.0	24.1	25.5
13	28.5	24.6	26.3	33.5	26.4	29.5	29.7	23.0	26.0	28.1	24.5	26.0
14	30.0	24.4	26.8	32.6	26.7	29.3	30.4	22.6	26.1	28.7	24.5	26.3
15	29.7	24.8	26.7	32.7	25.9	28.5	31.1	24.1	27.4	27.5	23.4	25.0
16	26.6	24.6	25.2	32.8	26.1	28.8	32.1	25.3	28.3	25.1	19.8	22.2
17	30.2	23.9	26.4	31.8	25.2	28.2	31.6	25.8	28.2	24.6	18.3	21.1
18	30.7	24.2	26.8	30.5	25.5	27.6	31.8	26.0	28.6	25.4	18.5	21.6
19	29.9	24.9	25.9	32.2	25.9	28.6	31.2	26.3	28.4	26.2	19.7	22.6
20	30.5	25.1	27.3	---	---	---	30.5	24.1	27.1	27.4	22.2	24.4
21	30.7	25.3	27.6	---	---	---	29.5	24.8	26.8	27.0	23.5	25.0
22	29.6	25.8	27.4	---	---	---	29.4	24.5	26.6	25.7	23.9	24.7
23	31.9	24.4	27.8	---	---	---	30.2	24.4	27.1	27.2	23.4	24.8
24	31.6	24.7	27.9	---	---	---	30.4	25.0	27.3	27.5	24.1	25.5
25	28.7	26.0	27.2	29.9	24.8	27.0	30.8	25.8	27.8	25.7	20.9	24.2
26	31.3	24.3	27.1	30.2	24.9	27.6	27.9	24.8	26.5	21.9	18.3	19.9
27	30.1	24.9	27.1	---	---	---	29.1	24.4	26.4	23.1	16.7	19.4
28	28.3	25.2	26.2	---	---	---	29.2	24.7	26.8	23.2	17.4	19.7
29	26.9	24.6	25.7	29.7	24.9	27.0	30.9	25.1	27.7	23.1	17.4	19.7
30	29.2	23.1	25.7	30.9	25.1	26.9	31.3	25.8	28.1	23.5	18.1	20.3
31	---	---	---	27.0	25.2	25.8	29.2	25.2	27.1	---	---	---
MONTH	31.9	19.5	26.0	---	---	---	32.5	22.6	27.3	30.7	16.7	23.9

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.9	3.1	5.0	6.3	3.8	4.8	---	---	---	14.7	7.4	10.6
2	8.5	3.1	5.1	5.8	4.3	4.8	---	---	---	15.0	7.4	10.4
3	8.3	1.4	4.4	5.5	3.6	4.5	---	---	---	13.9	7.6	10.2
4	---	---	---	4.4	2.3	3.4	---	---	---	10.5	9.3	9.9
5	6.8	3.0	4.6	4.7	1.9	3.0	---	---	---	12.1	8.7	10.2
6	9.7	4.1	5.8	---	---	---	---	---	---	14.4	11.9	12.8
7	9.1	4.5	6.2	---	---	---	---	---	---	13.0	9.7	11.2
8	8.5	3.3	5.6	---	---	---	---	---	---	12.8	9.0	10.6
9	---	---	---	---	---	---	---	---	---	9.0	4.6	7.7
10	---	---	---	---	---	---	---	---	---	9.7	8.0	8.9
11	5.7	4.0	4.7	---	---	---	---	---	---	10.4	7.5	9.1
12	5.7	4.0	4.8	---	---	---	---	---	---	11.1	8.1	9.1
13	6.1	3.8	4.6	---	---	---	---	---	---	10.1	7.0	8.5
14	6.5	3.6	4.7	---	---	---	14.8	13.1	13.8	---	---	---
15	6.6	3.4	4.7	---	---	---	14.6	11.8	13.0	---	---	---
16	7.4	3.1	4.7	---	---	---	13.5	6.1	10.4	---	---	---
17	7.6	2.8	4.6	---	---	---	9.9	6.4	9.1	8.2	5.7	7.1
18	8.4	2.8	5.0	---	---	---	9.0	5.2	7.9	8.6	5.8	7.2
19	8.9	3.7	5.7	---	---	---	8.6	5.7	7.4	9.2	6.1	8.1
20	7.2	3.2	4.1	---	---	---	9.8	6.7	7.8	10.1	6.9	8.5
21	8.6	2.5	5.2	---	---	---	---	---	---	11.3	7.3	9.7
22	9.2	3.6	5.9	---	---	---	10.6	7.0	9.1	10.8	7.2	9.6
23	9.4	4.0	6.3	---	---	---	11.7	8.8	10.4	11.2	8.9	10.2
24	9.7	4.6	6.7	---	---	---	12.4	10.4	11.1	11.3	9.0	10.6
25	10.2	5.1	7.3	---	---	---	13.5	10.7	12.0	12.4	10.0	10.7
26	10.4	5.4	7.3	---	---	---	14.5	12.0	12.6	13.4	9.4	11.6
27	10.6	4.7	7.1	---	---	---	14.0	11.7	12.7	13.1	9.8	11.6
28	10.6	4.5	6.9	---	---	---	14.7	11.9	13.0	---	---	---
29	8.9	2.8	5.2	---	---	---	15.3	12.0	13.4	11.6	9.1	10.7
30	9.9	4.2	6.4	---	---	---	15.5	11.0	12.9	---	---	---
31	8.5	3.8	5.9	---	---	---	14.7	8.8	11.3	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, 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
		FEBRUARY			MARCH			APRIL			MAY	
1	12.8	7.9	10.8	12.8	6.4	9.0	7.5	5.0	6.4	12.1	6.3	8.9
2	12.8	7.3	10.7	14.1	6.2	9.6	8.0	5.3	6.8	11.3	6.8	8.8
3	12.6	10.3	11.2	11.3	6.4	8.6	---	---	---	12.0	6.6	8.9
4	13.9	9.7	11.4	11.0	6.0	8.0	---	---	---	11.9	6.5	9.0
5	14.5	10.6	12.2	12.5	6.4	8.9	9.2	5.4	7.7	12.2	6.3	9.3
6	14.7	11.0	12.4	14.0	6.8	9.5	8.5	3.3	7.1	---	---	---
7	15.3	10.7	12.5	14.2	5.9	9.3	7.8	5.0	7.1	---	---	---
8	15.3	10.6	12.4	13.3	6.3	9.2	8.3	5.0	7.0	---	---	---
9	14.9	10.0	11.9	12.0	5.3	8.5	9.6	5.4	7.7	---	---	---
10	15.1	9.4	11.6	---	---	---	9.2	5.0	7.1	---	---	---
11	15.0	9.0	11.6	9.6	6.0	7.2	8.9	5.0	6.7	---	---	---
12	14.8	7.1	10.1	8.4	6.3	7.0	---	---	---	---	---	---
13	12.8	8.0	10.3	9.3	7.7	8.5	---	---	---	---	---	---
14	9.3	7.6	8.5	9.4	8.1	8.7	---	---	---	---	---	---
15	12.8	8.4	10.2	---	---	---	---	---	---	---	---	---
16	12.2	8.2	10.0	---	---	---	---	---	---	---	---	---
17	13.6	7.4	10.2	---	---	---	---	---	---	13.8	6.3	9.5
18	---	---	---	---	---	---	---	---	---	13.7	6.0	9.2
19	12.3	6.1	8.8	---	---	---	---	---	---	14.1	5.8	9.7
20	14.6	8.6	11.1	---	---	---	---	---	---	12.8	6.1	8.7
21	14.4	9.2	11.3	9.6	7.9	9.0	10.3	5.7	7.9	11.5	4.9	7.8
22	14.5	8.5	10.9	9.4	7.9	8.6	12.6	6.8	9.3	13.5	5.6	9.0
23	13.6	7.0	9.8	9.8	6.3	8.4	10.7	6.5	8.2	14.4	6.0	9.8
24	13.3	6.4	9.4	9.7	5.1	7.7	9.8	6.3	7.9	15.0	6.0	10.2
25	12.8	5.7	8.6	10.7	4.4	7.7	12.0	6.8	9.0	15.1	5.4	9.6
26	12.4	5.1	8.3	7.2	3.8	5.9	12.7	7.1	9.5	8.7	4.9	6.3
27	8.7	5.5	7.9	6.9	3.9	5.9	12.2	7.1	9.4	10.0	5.7	7.3
28	11.9	7.7	9.5	9.1	5.4	7.3	9.6	7.0	8.0	9.4	4.5	6.8
29	12.7	7.6	9.6	10.9	6.7	8.5	10.8	7.3	8.8	12.8	5.3	8.6
30	---	---	---	10.3	5.7	7.8	11.2	7.0	8.8	14.7	5.6	9.7
31	---	---	---	7.1	2.9	5.8	---	---	---	15.3	5.8	10.0
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15.1	5.7	9.9	14.4	3.7	7.8	8.2	5.3	6.4	12.1	5.3	8.1
2	15.8	5.5	10.1	15.1	3.4	8.2	8.4	5.3	6.4	11.3	5.1	7.6
3	16.0	5.6	10.1	14.4	1.7	7.7	8.0	5.7	6.6	11.5	4.4	7.4
4	9.3	4.4	6.2	17.5	3.3	9.2	8.8	5.0	6.4	13.0	4.6	8.1
5	9.8	4.9	6.1	17.3	3.3	8.9	7.6	4.7	5.9	12.5	4.9	7.8
6	10.3	4.8	7.2	17.0	3.0	8.8	9.6	4.6	6.5	10.6	5.3	7.5
7	12.3	5.4	8.3	17.7	2.8	8.9	11.2	4.8	7.4	11.3	6.4	8.4
8	14.5	5.6	9.2	16.9	2.1	7.9	12.0	5.2	7.9	12.1	6.1	8.5
9	14.9	5.3	9.8	---	---	---	12.2	4.0	7.4	11.7	5.8	8.4
10	15.4	5.3	10.0	---	---	---	11.7	3.5	6.7	12.1	5.1	8.1
11	15.1	4.6	9.7	15.7	3.0	9.0	10.3	3.6	6.2	12.5	5.7	8.5
12	14.3	4.7	9.5	16.6	3.1	9.0	12.6	3.8	7.3	11.9	5.7	8.2
13	13.2	4.9	8.1	17.5	3.2	9.0	13.2	2.6	7.9	11.6	5.7	8.2
14	15.1	4.5	9.1	17.7	3.4	9.2	14.7	5.1	8.8	12.5	5.3	8.2
15	15.5	3.6	8.1	17.3	2.3	7.7	12.8	5.1	8.4	11.8	5.6	7.9
16	11.4	3.3	5.6	13.6	2.0	6.6	12.9	4.0	7.6	12.3	4.6	7.9
17	13.4	4.7	8.1	15.4	2.8	8.3	11.5	3.5	6.9	12.4	4.7	8.1
18	15.5	4.2	8.7	16.2	3.8	8.8	11.7	3.7	6.9	12.4	5.8	8.5
19	16.8	3.5	7.1	15.0	3.6	8.6	12.1	3.6	7.1	12.8	6.0	8.6
20	8.5	5.3	6.6	---	---	---	12.1	4.1	7.3	11.5	5.5	7.9
21	10.4	5.1	7.2	---	---	---	12.1	4.0	7.4	12.3	5.3	7.8
22	12.1	4.7	7.9	---	---	---	13.0	4.7	8.0	12.1	5.5	8.0
23	14.7	4.2	8.8	---	---	---	13.3	4.4	8.0	12.3	4.2	7.9
24	16.2	4.2	9.5	---	---	---	13.1	4.0	7.7	7.2	5.4	6.1
25	12.5	3.8	8.0	15.7	4.7	9.1	12.1	3.2	6.8	8.1	5.0	6.7
26	15.6	4.2	8.9	15.9	4.7	10.8	11.8	3.3	7.1	11.9	7.1	9.0
27	10.9	3.8	6.6	---	---	---	12.5	3.7	7.2	12.3	8.0	9.5
28	11.0	3.9	6.4	---	---	---	11.9	4.1	7.2	12.8	8.0	9.9
29	8.0	4.0	5.7	10.7	5:0	7.4	12.6	4.1	7.5	13.2	8.0	9.8
30	11.7	4.5	7.5	11.3	4.2	6.9	12.9	3.6	7.8	13.0	7.8	9.8
31	---	---	---	7.2	5.3	6.0	13.3	5.4	8.5	---	---	---
MONTH	16.8	3.3	8.1	---	---	---	14.7	2.6	7.3	13.2	4.2	8.2

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, 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	---	---	---	---	---	---	---	---	---	7.8	2.5	3.5
2	---	---	---	---	---	---	---	---	---	4.9	2.4	3.5
3	---	---	---	---	---	---	---	---	---	7.8	2.6	4.1
4	---	---	---	---	---	---	---	---	---	12	2.9	4.0
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	31	3.4	6.7
12	---	---	---	---	---	---	---	---	---	5.1	2.8	3.4
13	---	---	---	---	---	---	---	---	---	15	2.6	4.0
14	---	---	---	---	---	---	---	---	---	6.2	2.8	3.6
15	---	---	---	---	---	---	---	---	---	4.6	2.4	3.0
16	---	---	---	---	---	---	---	---	---	40	2.5	5.4
17	---	---	---	---	---	---	---	---	---	8.2	2.7	3.9
18	---	---	---	---	---	---	---	---	---	820	2.8	40
19	---	---	---	---	---	---	---	---	---	4.9	2.8	3.7
20	---	---	---	---	---	---	---	---	---	6.6	2.9	4.0
21	---	---	---	---	---	---	17	5.2	10	8.7	3.5	6.3
22	---	---	---	---	---	---	6.3	2.8	4.0	5.2	2.8	3.7
23	---	---	---	---	---	---	11	2.4	5.2	4.5	2.5	3.2
24	---	---	---	---	---	---	23	5.0	10	4.6	3.1	3.7
25	---	---	---	---	---	---	12	3.4	5.3	480	3.0	49
26	---	---	---	---	---	---	95	2.4	7.7	960	8.9	140
27	---	---	---	---	---	---	110	2.9	11	250	6.0	32
28	---	---	---	---	---	---	290	11	57	250	6.7	41
29	---	---	---	---	---	---	17	4.3	7.5	6.7	3.7	4.7
30	---	---	---	---	---	---	9.8	2.9	4.7	5.8	3.5	4.3
31	---	---	---	---	---	---	---	---	---	6.9	3.9	4.7
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.1	3.4	4.2	44	2.7	13	100	10	42	4.2	2.3	3.1
2	6.7	3.2	4.1	36	2.0	7.9	920	5.7	220	6.7	2.3	3.2
3	4.9	3.0	3.6	5.7	1.7	2.9	180	8.7	48	4.8	2.2	3.1
4	350	4.6	60	5.1	1.6	2.7	680	5.4	110	3.3	1.8	2.6
5	56	3.3	31	9.8	1.4	3.2	67	5.6	22	3.6	2.0	2.6
6	19	2.8	7.1	6.2	1.5	2.5	85	2.4	9.2	4.4	2.9	3.6
7	6.2	2.2	3.1	5.7	1.4	2.4	7.9	1.8	4.3	7.5	1.8	4.3
8	7.8	2.1	3.3	3.5	1.4	2.4	70	1.9	6.5	14	1.9	5.2
9	4.7	2.2	3.0	3.4	1.8	3.2	450	2.1	29	17	1.7	4.0
10	70	2.6	7.6	---	---	---	290	3.6	45	34	2.4	9.0
11	6.9	1.9	3.0	4.3	1.0	2.0	72	7.3	19	6.1	2.2	3.2
12	3.2	1.9	2.4	3.8	1.2	2.0	300	2.9	24	8.7	2.8	3.8
13	71	2.0	10	5.7	1.6	2.7	340	2.4	27	11	3.2	4.5
14	330	3.0	18	4.3	1.9	2.9	27	1.2	5.1	22	2.7	7.1
15	57	2.6	10	360	2.1	47	5.4	2.6	3.7	310	1.6	18
16	120	5.3	26	62	2.6	18	7.5	2.8	4.7	10	1.6	2.9
17	1900	3.8	98	320	2.0	19	13	3.1	6.1	26	2.1	8.9
18	18	3.3	5.9	97	2.4	9.7	9.6	3.2	5.1	3.0	1.3	2.1
19	---	---	---	13	1.8	3.7	5.2	2.9	3.8	4.3	1.4	2.5
20	---	---	---	3.6	2.1	2.7	6.1	2.7	4.3	5.0	1.7	3.2
21	10	2.0	4.7	---	---	---	4.1	2.3	3.1	5.0	2.3	3.3
22	11	2.0	4.2	---	---	---	5.0	2.5	3.1	11	2.3	3.6
23	5.0	2.4	3.5	---	---	---	4.0	2.3	3.0	1100	2.1	78
24	9.4	1.8	3.8	---	---	---	8.0	2.5	3.2	210	17	67
25	8.8	1.3	3.1	47	3.7	9.1	8.5	4.2	7.0	1700	6.0	94
26	250	1.1	32	---	---	---	14	2.3	4.1	8.5	3.3	5.1
27	130	4.7	29	---	---	---	5.5	2.0	3.0	12	2.7	5.4
28	870	2.0	110	---	---	---	4.5	1.8	2.5	11	2.3	4.9
29	120	11	47	38	2.3	7.0	5.6	2.0	2.8	45	1.9	5.7
30	17	3.5	9.6	1900	4.6	200	6.0	1.5	3.0	31	1.9	4.4
31	---	---	---	770	24	150	5.2	1.7	2.4	---	---	---
MONTH	---	---	---	---	---	---	920	1.2	22	1700	1.3	12

MOBILE RIVER BASIN

02458502 VILLAGE CREEK NEAR PRATT CITY, AL

LOCATION.--Lat 33°31'59", long 86°53'59", in SW$^1/_4$ 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 mi^2.
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.--Estimated daily discharges: Nov. 13-16, Feb. 4-16, 27-29, Mar. 2, 3, 5-8, June 19-27, Aug. 26-30. Records good except those of estimated period, 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	424	21	21	63	34	68	27	22	23	56	17
2	18	127	21	19	56	e28	1040	25	23	19	330	18
3	30	41	16	22	48	e80	2790	25	22	19	72	17
4	103	31	17	340	e40	54	865	24	68	18	123	16
5	26	28	34	48	e38	e35	279	25	65	17	49	16
6	24	26	27	41	e36	e29	166	23	30	20	25	18
7	24	27	16	37	e35	e27	120	24	25	17	22	18
8	24	26	17	36	e37	e27	119	24	24	16	20	17
9	63	24	22	174	e39	29	81	26	23	20	31	17
10	756	24	107	321	e39	921	70	26	24	17	38	16
11	56	23	32	73	e37	2510	62	30	23	17	38	15
12	36	24	35	57	e37	466	143	28	22	18	19	16
13	31	e23	401	50	e130	160	70	27	27	19	17	17
14	28	e23	37	41	e140	92	149	27	25	22	15	16
15	25	e22	25	38	e46	91	74	24	33	34	17	15
16	24	e22	20	40	e39	75	58	25	47	29	16	14
17	23	22	18	95	31	61	50	26	27	21	19	15
18	20	20	29	49	34	57	46	26	24	21	20	13
19	22	20	42	57	40	1320	43	24	e290	21	21	13
20	50	144	21	47	33	415	44	30	e57	185	20	14
21	25	35	89	38	33	163	50	32	e29	54	17	17
22	23	25	48	117	34	105	38	26	e25	27	18	19
23	22	25	38	370	24	81	45	24	e20	24	17	78
24	19	24	34	87	24	67	44	24	e18	24	19	42
25	18	20	31	67	26	56	35	55	e15	28	24	21
26	18	23	30	57	26	72	30	107	e60	120	e16	19
27	18	22	30	49	e320	112	40	37	e38	40	e16	18
28	17	23	29	86	e50	59	93	53	104	24	e14	19
29	16	24	21	211	e37	46	39	26	46	25	e14	18
30	18	21	21	94	---	388	33	24	26	342	e14	19
31	21	---	21	68	---	80	---	24	---	281	17	---
TOTAL	1616	1363	1350	2850	1572	7740	6784	948	1282	1562	1154	588
MEAN	52.1	45.4	43.5	91.9	54.2	250	226	30.6	42.7	50.4	37.2	19.6
MAX	756	424	401	370	320	2510	2790	107	290	342	330	78
MIN	16	20	16	19	24	27	30	23	15	16	14	13
CFSM	1.42	1.24	1.19	2.51	1.48	6.80	6.16	.83	1.16	1.37	1.01	.53
IN.	1.64	1.38	1.37	2.89	1.59	7.85	6.88	.96	1.30	1.58	1.17	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

MEAN	49.4	56.3	74.4	171	112	180	160	60.0	90.8	67.9	49.0	21.4
MAX	71.1	63.5	103	219	193	250	226	79.8	168	80.7	84.4	23.4
(WY)	1998	1999	1999	1998	1998	2000	2000	1998	1999	1998	1998	1998
MIN	25.1	45.4	43.5	91.9	54.2	137	54.0	30.6	42.7	50.4	25.4	19.6
(WY)	1999	2000	2000	2000	2000	1999	1999	2000	2000	2000	1999	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1998 - 2000	
ANNUAL TOTAL	29860		28809			
ANNUAL MEAN	81.8		78.7		91.0	
HIGHEST ANNUAL MEAN					108	1998
LOWEST ANNUAL MEAN					78.7	2000
HIGHEST DAILY MEAN	1800	Jun 28	2790	Apr 3	2790	Apr 3 2000
LOWEST DAILY MEAN	11	Sep 24	13	Sep 18, 19	11	Sep 24 1999
ANNUAL SEVEN-DAY MINIMUM	15	Sep 18	14	Sep 14	14	Sep 14 2000
INSTANTANEOUS PEAK FLOW			5640	Mar 11	5640	Mar 11 2000
INSTANTANEOUS PEAK STAGE			17.67	Mar 11	17.67	Mar 11 2000
ANNUAL RUNOFF (CFSM)	2.23		2.14		2.48	
ANNUAL RUNOFF (INCHES)	30.27		29.20		33.68	
10 PERCENT EXCEEDS	166		119		177	
50 PERCENT EXCEEDS	37		28		38	
90 PERCENT EXCEEDS	21		17		19	

e Estimated

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 mi^2.

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: Nov. 11-17, Jan. 3, 4, 14-20, Feb. 1-3, 8-10, 12-14, Mar. 6, 7, 10-13, June 19, 20, Sept. 29, 30. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76	398	90	87	e110	89	150	99	97	93	118	76
2	74	280	90	86	e105	85	1310	97	97	90	382	76
3	80	112	87	e110	e100	94	3770	97	97	89	147	76
4	148	103	86	e600	90	137	1660	94	126	89	193	75
5	81	99	92	115	85	86	494	94	129	90	114	77
6	78	96	96	104	82	e85	349	93	104	92	86	76
7	80	96	89	101	81	e82	254	91	96	92	84	75
8	81	97	87	99	e89	78	250	92	96	89	83	74
9	102	95	88	233	e94	79	175	92	96	88	86	74
10	781	95	161	412	e94	e1200	155	93	95	87	100	74
11	112	e90	97	116	79	e2900	140	93	95	88	100	74
12	87	e99	93	96	e81	e800	253	91	93	88	82	76
13	81	e98	516	92	e200	e300	156	91	100	88	79	80
14	78	e101	126	e85	e240	196	249	90	95	90	79	78
15	75	e100	105	e82	93	177	159	90	99	95	79	77
16	72	e102	99	e80	83	157	139	89	105	97	78	75
17	71	e95	96	e160	77	139	132	89	94	90	78	74
18	69	88	100	e90	77	125	125	88	89	91	79	76
19	67	90	120	e100	87	1520	118	89	e350	92	78	75
20	79	205	100	e92	81	1020	114	91	e140	245	76	75
21	68	102	147	83	79	347	119	95	95	164	75	78
22	66	94	113	123	78	229	109	92	95	95	75	79
23	66	94	103	543	73	181	108	92	92	94	75	110
24	64	93	99	142	70	156	111	91	90	94	76	127
25	64	91	95	112	69	140	107	117	89	96	80	79
26	65	92	94	100	72	153	102	185	101	171	75	77
27	64	90	95	93	394	202	104	102	110	124	74	75
28	64	90	95	114	103	145	165	114	197	95	75	76
29	63	93	91	286	92	126	107	99	125	98	76	e77
30	63	91	89	150	---	534	102	97	97	371	75	e77
31	64	---	89	114	---	185	---	97	---	413	76	---
TOTAL	3083	3469	3528	4800	3058	11747	11286	3024	3384	3778	3033	2368
MEAN	99.5	116	114	155	105	379	376	97.5	113	122	97.8	78.9
MAX	781	398	516	600	394	2900	3770	185	350	413	382	127
MIN	63	88	86	80	69	78	102	88	89	87	74	74
CFSM	1.91	2.22	2.18	2.97	2.02	7.26	7.21	1.87	2.16	2.33	1.87	1.51
IN.	2.20	2.47	2.51	3.42	2.18	8.37	8.04	2.16	2.41	2.69	2.16	1.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2000, BY WATER YEAR (WY)

MEAN	99.5	116	142	264	193	264	240	132	157	147	109	87.7
MAX	130	120	165	364	309	379	376	154	247	181	137	102
(WY)	1998	1998	1999	1998	1998	2000	2000	1998	1999	1996	1998	1997
MIN	79.4	113	114	155	105	196	108	97.5	103	122	79.4	77.6
(WY)	1999	1999	2000	2000	2000	1997	1999	2000	1998	2000	1999	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1996 - 2000	
ANNUAL TOTAL	54428		56558			
ANNUAL MEAN	149		155		161	
HIGHEST ANNUAL MEAN					188	1998
LOWEST ANNUAL MEAN					151	1997
HIGHEST DAILY MEAN	2190	Jun 28	3770	Apr 3	3770	Apr 3 2000
LOWEST DAILY MEAN	63	Oct 29, 30	63	Oct 29, 30	61	Oct 12 1996
ANNUAL SEVEN-DAY MINIMUM	64	Oct 24	64	Oct 24	62	Oct 11 1996
INSTANTANEOUS PEAK FLOW			e 6000	Mar 11	6130	Jan 7 1998
INSTANTANEOUS PEAK STAGE			e 11.80	Mar 11	11.93	Jan 7 1998
ANNUAL RUNOFF (CFSM)	2.86		2.96		3.09	
ANNUAL RUNOFF (INCHES)	38.79		40.31		41.97	
10 PERCENT EXCEEDS	225		201		274	
50 PERCENT EXCEEDS	98		94		100	
90 PERCENT EXCEEDS	76		75		75	

e Estimated

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.
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, 11.7 mg/L, Aug. 4, 1998; minimum, 2.9 mg/L, July 5, 1998.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 587 microSiemens, June 7; minimum, 68 microSiemens, Mar. 10.
WATER TEMPERATURE: Maximum, 30.9°C, July 20; minimum, 8.6°C, Jan. 2.
DISSOLVED OXYGEN: Maximum, 11.4 mg/L, July 4; minimum, 3.1 mg/L, Mar. 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	476	449	463	472	129	385	520	507	512	531	525	528
2	489	471	479	396	179	325	525	510	517	526	508	514
3	487	344	472	480	396	446	527	514	522	517	502	509
4	398	225	317	---	---	---	524	511	518	---	---	---
5	447	353	410	---	---	---	519	473	505	489	397	453
6	---	---	---	520	504	514	473	449	456	517	489	507
7	---	---	---	517	499	513	491	458	476	529	513	523
8	497	470	487	---	---	---	510	489	498	532	519	527
9	478	347	428	---	---	---	509	497	503	519	214	387
10	391	108	273	---	---	---	505	275	366	416	184	310
11	458	364	415	---	---	---	462	400	437	482	416	458
12	504	458	489	---	---	---	480	430	470	499	482	493
13	509	498	504	---	---	---	444	164	280	511	488	504
14	508	499	505	---	---	---	461	370	421	507	491	503
15	506	499	503	---	---	---	493	461	483	523	503	515
16	508	497	501	---	---	---	506	493	500	512	495	506
17	499	486	493	517	508	512	511	500	505	495	361	426
18	486	468	474	528	510	519	507	438	499	476	400	450
19	492	468	480	525	517	521	438	393	412	---	---	---
20	486	408	449	517	258	390	477	427	450	482	461	474
21	467	416	444	436	353	406	488	375	420	514	481	500
22	492	461	481	476	436	457	469	394	437	510	280	491
23	504	485	496	500	476	489	495	469	489	367	203	266
24	501	487	494	515	499	507	502	492	497	453	367	417
25	487	474	478	517	506	513	496	482	490	---	---	---
26	494	475	482	515	488	501	482	470	475	489	478	485
27	504	490	496	497	484	489	478	470	473	491	479	487
28	500	492	495	504	492	497	504	474	492	487	399	465
29	497	485	491	500	485	493	512	501	507	399	274	332
30	496	486	490	516	482	498	533	506	520	425	324	385
31	488	466	479	---	---	---	536	528	531	455	425	440
MONTH	---	---	---	---	---	---	536	164	473	---	---	---

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	474	455	469	---	---	---	467	452	463	486	480	482
2	486	470	481	---	---	---	452	139	269	503	483	493
3	493	486	491	---	---	---	291	98	163	512	488	504
4	503	486	496	---	---	---	381	176	304	513	503	509
5	504	489	497	---	---	---	421	381	403	511	502	507
6	489	482	487	---	---	---	448	421	432	524	492	506
7	482	477	480	---	---	---	458	448	452	528	503	520
8	499	477	489	524	507	514	464	415	434	505	495	502
9	499	492	499	522	508	514	464	431	455	515	495	508
10	506	493	499	510	68	318	478	464	471	528	505	517
11	506	496	502	369	79	220	487	477	483	519	505	514
12	510	494	501	428	369	406	489	305	398	515	504	510
13	500	494	496	459	428	444	460	404	438	515	501	506
14	405	334	357	473	459	468	476	290	400	517	498	508
15	461	405	444	487	435	480	456	373	425	498	481	491
16	---	---	---	481	400	454	461	456	459	503	480	491
17	---	---	---	492	479	486	468	444	457	507	499	502
18	---	---	---	509	492	503	488	468	484	528	492	514
19	---	---	---	497	121	260	492	486	489	520	492	509
20	---	---	---	392	141	320	496	483	490	521	501	512
21	---	---	---	443	392	416	490	462	478	529	482	499
22	---	---	---	462	442	448	493	475	485	495	489	491
23	---	---	---	469	461	465	486	458	480	524	490	511
24	---	---	---	480	468	474	466	444	455	526	511	518
25	---	---	---	486	473	481	491	454	477	524	226	477
26	---	---	---	473	417	439	505	491	500	470	198	359
27	---	---	---	458	363	416	502	491	499	493	426	463
28	---	---	---	477	367	432	491	303	385	499	343	429
29	---	---	---	489	477	485	493	436	468	483	446	465
30	---	---	---	492	153	327	495	486	491	503	482	494
31	---	---	---	453	385	424	---	---	---	509	492	500
MONTH	---	---	---	---	---	---	505	98	436	529	198	494
	JUNE			JULY			AUGUST			SEPTEMBER		
1	524	494	508	464	438	454	447	255	387	460	445	451
2	514	493	504	479	455	470	470	160	374	461	443	450
3	505	482	499	473	448	458	431	234	373	462	442	450
4	527	314	451	469	437	456	464	209	403	450	426	436
5	386	331	357	461	417	453	458	275	404	440	420	430
6	452	320	390	465	438	454	476	458	470	452	431	443
7	587	417	453	473	446	459	474	469	473	468	443	453
8	499	311	455	475	400	460	492	468	481	461	450	455
9	520	319	452	547	360	452	496	474	486	459	447	451
10	490	326	459	493	413	442	474	297	436	458	438	445
11	573	403	469	---	---	---	441	253	393	448	432	436
12	562	407	446	564	435	475	469	439	455	444	433	437
13	459	295	407	505	472	486	477	462	470	448	433	440
14	484	408	440	494	423	477	469	447	455	455	434	444
15	502	365	430	543	348	450	483	451	465	456	432	445
16	463	365	414	438	348	406	---	---	---	484	242	393
17	450	377	404	---	---	---	---	---	---	464	239	390
18	488	415	441	464	397	444	---	---	---	464	255	403
19	---	---	---	513	90	401	---	---	---	453	308	431
20	---	---	---	564	137	392	---	---	---	520	270	429
21	474	428	452	420	209	331	---	---	---	463	429	452
22	473	456	467	506	364	438	---	---	---	451	408	437
23	487	452	468	528	324	456	---	---	---	495	206	438
24	491	468	478	525	272	458	---	---	---	402	186	314
25	485	466	474	518	383	452	---	---	---	413	392	406
26	473	355	452	561	190	398	---	---	---	442	411	424
27	430	268	360	438	195	335	---	---	---	464	280	417
28	460	147	376	531	368	428	---	---	---	458	386	436
29	417	284	373	524	415	446	---	---	---	448	90	410
30	446	414	426	492	158	378	---	---	---	497	81	388
31	---	---	---	383	135	269	468	446	454	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	520	81	428

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	23.6	20.3	21.8	21.6	18.4	20.6	15.7	13.6	14.6	17.0	15.6	16.2
2	24.2	20.7	22.3	19.0	17.1	18.3	16.3	13.8	14.9	18.0	16.3	17.1
3	25.5	22.5	23.7	18.2	16.0	17.1	17.3	15.2	15.9	18.9	17.5	18.2
4	24.8	22.5	24.0	---	---	---	18.3	16.5	17.3	---	---	---
5	23.7	21.2	22.4	---	---	---	17.8	16.3	17.4	14.8	13.1	13.9
6	---	---	---	19.6	16.6	18.1	16.3	14.8	15.6	14.7	12.1	13.3
7	---	---	---	20.2	17.4	18.8	16.1	13.7	14.8	14.7	12.2	13.4
8	23.8	22.1	22.9	---	---	---	16.8	13.9	15.2	15.0	13.1	14.0
9	23.5	22.6	23.0	---	---	---	17.7	15.9	16.7	16.0	14.7	15.3
10	23.2	21.6	22.6	---	---	---	17.7	15.3	16.4	16.0	14.8	15.4
11	24.3	22.2	23.3	---	---	---	17.2	15.4	16.3	16.1	14.1	15.0
12	24.1	22.1	23.1	---	---	---	17.7	15.6	16.6	16.5	14.5	15.5
13	24.5	22.8	23.5	---	---	---	17.6	15.9	16.6	17.8	15.0	16.6
14	24.7	22.3	23.4	---	---	---	16.5	15.4	15.9	15.0	13.0	13.9
15	23.4	21.1	22.3	---	---	---	16.3	14.8	15.4	14.5	12.0	13.2
16	24.5	21.8	23.0	---	---	---	15.5	13.2	14.3	15.6	13.3	14.3
17	24.2	21.9	23.0	---	---	---	15.4	12.8	14.1	15.5	14.9	15.3
18	23.2	21.7	22.4	18.1	15.5	16.7	15.0	14.0	14.5	16.6	15.5	15.9
19	22.4	20.7	21.5	19.4	16.8	18.0	16.2	13.0	14.6	---	---	---
20	21.4	19.6	20.4	18.7	16.7	17.9	17.1	15.7	16.3	14.7	13.4	13.9
21	21.2	18.2	19.5	19.8	17.9	18.8	16.3	13.1	14.3	13.1	11.2	12.2
22	21.4	18.4	19.8	20.7	18.6	19.5	14.5	12.4	13.4	12.6	9.0	11.7
23	20.5	18.5	19.3	20.4	18.3	19.3	14.3	12.4	13.2	11.7	8.6	9.8
24	19.0	16.9	18.0	20.4	18.7	19.5	13.8	12.2	12.9	12.7	11.4	12.0
25	19.7	16.7	18.0	19.7	18.7	19.0	12.7	11.2	12.0	---	---	---
26	20.4	17.3	18.7	18.7	16.7	17.9	13.3	10.8	12.0	11.6	9.7	10.6
27	21.2	18.1	19.5	17.5	15.2	16.3	13.5	11.5	12.5	12.3	9.7	11.0
28	21.7	18.8	20.1	17.7	15.3	16.5	13.3	12.1	12.6	11.4	9.7	10.6
29	21.8	19.1	20.3	17.3	15.6	16.4	14.6	11.9	13.0	10.0	8.7	9.4
30	22.0	19.3	20.5	15.9	14.3	15.1	15.5	12.6	13.9	11.8	10.0	11.0
31	22.3	20.4	21.2	---	---	---	16.5	14.4	15.3	12.5	10.3	11.3
MONTH	---	---	---	---	---	---	18.3	10.8	14.8	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	10.4	11.7	---	---	---	19.8	17.3	18.5	22.2	18.9	20.5
2	---	---	---	---	---	---	18.6	16.7	17.8	22.5	20.0	21.2
3	---	---	---	---	---	---	18.5	16.9	17.9	23.5	20.8	22.0
4	---	---	---	---	---	---	17.2	15.6	16.4	24.3	21.4	22.7
5	13.0	10.7	11.8	---	---	---	17.8	14.8	16.2	24.4	21.5	22.9
6	---	---	---	---	---	---	19.0	15.8	17.4	24.6	22.0	23.2
7	13.9	10.8	12.2	---	---	---	19.2	17.2	18.1	24.8	21.7	23.2
8	15.1	11.7	13.2	20.8	16.7	18.5	18.5	15.2	16.9	25.2	22.1	23.5
9	15.3	11.9	13.5	20.2	18.1	19.0	17.9	14.1	15.9	24.8	22.3	23.5
10	16.0	12.5	14.2	19.0	15.5	17.5	18.6	15.3	16.9	24.0	22.8	23.3
11	17.3	14.6	15.7	16.3	14.8	15.7	18.8	16.9	17.8	25.6	21.8	23.6
12	17.5	15.8	16.4	15.9	13.7	14.8	18.2	17.4	17.6	26.2	23.4	24.7
13	16.7	15.3	16.0	16.6	13.6	15.1	17.9	17.0	17.4	26.1	23.9	24.9
14	16.8	14.8	15.7	17.5	14.3	15.9	17.5	15.4	16.4	24.8	22.2	23.6
15	16.2	13.0	14.8	18.2	15.9	17.0	18.7	16.4	17.3	24.0	20.7	22.4
16	---	---	---	18.4	16.5	17.4	20.5	16.9	18.6	24.3	21.1	22.6
17	---	---	---	18.3	16.6	17.3	21.3	18.2	19.5	25.3	21.8	23.4
18	---	---	---	17.3	15.5	16.4	20.8	17.3	19.0	26.0	23.1	24.5
19	---	---	---	16.3	12.6	13.9	21.7	17.5	19.5	25.4	23.7	24.5
20	---	---	---	16.0	13.9	14.9	21.6	19.1	20.3	25.1	23.5	24.2
21	---	---	---	17.6	14.3	16.0	20.7	18.2	19.3	25.4	23.4	24.3
22	---	---	---	18.5	15.8	17.1	20.6	16.5	18.4	25.9	22.8	24.3
23	---	---	---	19.3	15.9	17.6	19.1	17.4	18.1	25.6	23.2	24.4
24	---	---	---	20.0	16.9	18.4	19.5	17.4	18.3	26.6	23.9	25.1
25	---	---	---	19.8	17.5	18.7	19.7	17.4	18.4	27.2	24.9	25.7
26	---	---	---	19.6	18.2	18.8	21.1	17.3	19.0	25.7	23.1	24.9
27	---	---	---	18.9	17.3	18.2	21.2	17.5	19.3	27.7	24.4	25.8
28	---	---	---	19.3	16.1	17.7	19.7	17.2	18.5	26.5	24.3	25.3
29	---	---	---	17.7	16.3	17.0	21.2	17.3	19.2	25.5	22.9	24.2
30	---	---	---	17.1	13.0	15.6	22.3	18.0	20.0	26.1	22.3	24.1
31	---	---	---	19.7	16.4	18.0	---	---	---	26.8	23.0	24.7
MONTH	---	---	---	---	---	---	22.3	14.1	18.1	27.7	18.9	23.8

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	27.3	23.4	25.2	28.1	24.5	26.1	27.9	25.3	26.4	28.3	26.4	27.3
2	27.4	23.8	25.5	28.5	24.5	26.3	27.0	24.6	25.9	28.5	26.1	27.3
3	27.2	24.4	25.8	28.8	25.1	26.8	27.6	25.0	26.0	28.8	26.2	27.4
4	26.4	23.9	24.9	29.2	25.7	27.2	27.5	25.2	26.0	29.0	26.2	27.6
5	24.0	23.4	23.7	28.9	25.8	27.3	28.5	24.8	26.5	28.4	26.7	27.5
6	25.1	22.4	23.6	29.4	26.1	27.6	29.0	25.8	27.3	27.4	24.7	25.8
7	25.7	21.7	23.5	29.8	26.7	28.0	29.0	26.2	27.5	24.7	23.6	24.0
8	26.7	22.5	24.3	29.8	26.2	27.8	29.5	26.7	27.9	26.1	24.2	24.9
9	27.1	23.4	25.1	29.9	27.1	28.3	29.6	26.8	28.0	26.8	25.1	25.9
10	27.4	24.3	25.7	29.5	27.2	28.2	29.4	26.8	27.8	26.7	25.6	26.1
11	27.9	24.6	26.1	---	---	---	28.8	26.0	27.3	27.9	24.9	26.3
12	27.9	24.8	26.3	30.3	27.4	28.8	28.1	25.2	26.6	27.1	25.8	26.4
13	26.8	25.2	25.8	---	---	---	28.0	24.6	26.2	27.8	26.0	26.8
14	28.0	24.9	26.2	30.7	27.9	29.1	28.2	24.4	26.1	28.3	26.1	27.1
15	27.5	25.7	26.4	30.4	27.2	28.6	---	---	---	27.4	25.3	26.3
16	26.6	25.2	25.7	30.5	27.1	28.6	---	---	---	25.8	23.5	24.5
17	27.3	24.6	25.8	---	---	---	---	---	---	25.0	22.5	23.7
18	27.7	25.1	26.3	29.2	26.4	27.8	---	---	---	25.7	22.1	23.7
19	---	---	---	30.6	27.3	28.6	---	---	---	26.4	22.7	24.4
20	---	---	---	30.9	25.5	28.4	---	---	---	27.5	24.6	25.9
21	28.3	25.6	26.8	29.2	25.8	27.2	---	---	---	27.4	25.8	26.4
22	27.8	25.9	26.7	29.6	26.5	27.9	---	---	---	26.9	25.8	26.3
23	28.9	25.1	26.8	29.0	26.5	27.5	---	---	---	27.2	25.2	26.1
24	28.9	25.4	27.0	28.3	25.7	26.8	---	---	---	27.1	24.8	25.8
25	27.5	26.1	26.6	29.0	25.8	27.1	---	---	---	26.5	23.6	25.6
26	28.6	25.0	26.5	29.1	24.4	27.0	---	---	---	23.6	21.1	22.3
27	28.0	25.4	26.5	29.1	24.3	26.5	---	---	---	24.8	20.4	22.3
28	27.3	25.2	26.2	29.9	26.3	27.7	---	---	---	24.5	21.4	22.7
29	26.4	25.2	25.6	28.4	26.6	27.4	---	---	---	24.5	21.5	22.8
30	27.2	24.0	25.4	28.8	25.8	26.9	---	---	---	24.9	21.5	23.1
31	---	---	---	27.0	25.4	25.8	28.6	26.4	27.5	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	29.0	20.4	25.4

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.5	4.8	6.0	7.8	3.6	5.9	7.4	4.7	6.6	9.7	5.6	7.9
2	7.8	4.9	6.2	7.3	5.4	6.4	7.6	5.6	6.8	9.7	5.6	8.0
3	7.6	4.6	6.0	7.2	5.8	6.7	7.0	5.4	6.5	9.1	5.6	7.8
4	6.3	4.6	5.5	---	---	---	7.5	5.1	6.5	---	---	---
5	7.9	4.0	6.2	---	---	---	7.0	5.1	6.2	9.3	7.2	8.4
6	---	---	---	7.4	5.2	6.7	7.7	5.0	6.6	9.0	6.9	8.2
7	---	---	---	7.6	5.6	6.7	8.3	5.8	7.2	9.0	7.0	8.2
8	7.1	5.4	6.1	---	---	---	8.3	6.0	7.4	9.4	6.9	8.4
9	5.5	4.1	4.9	---	---	---	8.4	6.3	7.2	9.1	6.8	8.0
10	6.8	4.9	5.5	---	---	---	7.6	6.0	6.9	9.0	5.7	7.4
11	6.3	4.1	5.8	---	---	---	7.8	5.3	6.9	8.1	6.2	7.2
12	6.3	4.9	5.9	---	---	---	7.9	5.7	7.0	8.9	7.3	8.3
13	6.1	4.5	5.5	---	---	---	8.3	6.1	7.2	8.0	5.9	7.1
14	6.0	4.2	5.5	---	---	---	7.9	5.9	7.2	9.5	7.5	8.6
15	6.5	4.1	5.6	---	---	---	8.0	6.4	7.4	8.6	6.8	8.0
16	6.5	4.4	5.8	---	---	---	8.2	5.9	7.5	9.4	8.2	9.0
17	6.8	5.0	5.9	---	---	---	8.3	6.8	7.7	9.1	7.2	8.3
18	7.0	4.0	5.8	8.1	5.3	7.1	8.1	5.9	7.3	8.1	6.1	7.2
19	7.5	4.5	6.4	8.1	4.9	6.9	8.3	5.1	7.3	---	---	---
20	6.9	4.9	5.9	6.8	4.5	5.9	7.6	3.3	6.3	8.5	6.3	7.7
21	7.3	4.1	6.0	6.0	3.7	5.2	8.0	4.3	6.4	8.6	7.2	8.1
22	7.4	4.5	6.6	6.4	3.7	5.6	8.4	4.6	7.2	9.5	6.5	7.9
23	8.1	3.8	6.3	6.6	3.8	5.6	8.7	4.2	7.3	10.1	7.1	8.8
24	8.1	5.0	7.1	6.8	3.7	5.8	9.2	4.3	7.7	8.1	6.2	7.4
25	8.1	5.5	7.1	6.5	3.5	5.3	9.7	5.2	8.3	---	---	---
26	8.3	5.2	7.1	7.3	4.5	6.0	10.3	5.8	8.9	8.5	5.4	7.5
27	7.8	4.9	6.9	7.6	4.5	6.5	9.6	6.6	8.7	7.9	4.3	6.5
28	7.7	4.6	6.6	7.5	4.9	6.4	10.0	6.7	8.7	---	---	---
29	7.8	3.9	6.5	7.5	4.7	6.4	9.7	6.4	8.6	7.6	4.0	6.3
30	8.1	4.4	6.5	7.9	4.7	6.6	9.7	6.1	8.4	---	---	---
31	7.8	4.0	6.2	---	---	---	9.0	4.8	7.7	---	---	---
MONTH	---	---	---	---	---	---	10.3	3.3	7.3	---	---	---

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, 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
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	8.7	5.6	7.4	8.8	6.3	7.7
2	---	---	---	---	---	---	9.1	6.5	7.9	8.7	5.9	7.4
3	---	---	---	---	---	---	9.0	7.7	8.1	8.8	5.6	7.2
4	---	---	---	---	---	---	8.5	6.1	7.6	8.6	5.5	7.1
5	9.7	6.0	8.5	---	---	---	8.2	4.1	6.2	8.5	4.7	6.8
6	---	---	---	---	---	---	6.7	4.0	5.1	8.5	4.8	6.5
7	---	---	---	---	---	---	6.6	3.4	5.2	8.8	5.1	7.0
8	---	---	---	10.6	4.4	7.9	7.8	4.0	6.5	9.2	5.4	7.2
9	---	---	---	9.7	3.7	7.5	8.9	5.4	7.7	8.9	4.8	7.0
10	---	---	---	10.4	5.6	7.6	7.9	5.2	6.9	8.7	5.1	6.9
11	10.0	4.3	7.7	10.4	7.0	8.6	6.8	4.6	6.0	9.4	4.9	7.2
12	9.9	4.4	7.9	9.2	4.6	6.8	6.6	5.4	6.1	9.5	5.1	7.1
13	---	---	---	7.0	3.3	5.2	7.4	5.2	6.4	9.9	4.9	7.3
14	---	---	---	6.4	3.2	5.3	7.7	5.7	6.8	10.1	5.7	7.5
15	---	---	---	8.0	3.6	6.3	8.0	5.7	7.0	10.4	5.7	8.1
16	---	---	---	7.3	3.7	5.8	8.0	5.5	7.1	9.8	5.8	7.8
17	---	---	---	8.0	3.7	6.3	8.0	5.2	7.0	10.1	5.2	7.5
18	---	---	---	8.8	5.0	7.2	8.6	5.3	7.0	10.1	4.9	7.4
19	---	---	---	10.1	6.8	9.0	8.7	5.3	7.0	9.6	4.7	7.1
20	---	---	---	9.5	4.6	7.6	7.8	5.1	6.7	8.9	4.5	6.6
21	---	---	---	7.3	3.1	5.1	8.4	5.2	6.9	8.0	4.6	6.4
22	---	---	---	6.2	3.6	4.8	9.0	5.7	7.3	9.0	4.6	6.7
23	---	---	---	6.7	4.4	5.8	8.3	5.8	7.1	8.9	4.5	6.8
24	---	---	---	7.1	3.3	5.6	8.4	5.9	7.1	9.2	4.8	7.0
25	---	---	---	6.8	3.7	5.7	8.8	5.9	7.5	9.1	4.6	6.6
26	---	---	---	7.1	3.5	5.6	8.6	6.1	7.7	7.2	4.3	5.5
27	---	---	---	7.8	4.7	6.3	8.6	6.2	7.6	7.1	4.9	5.8
28	---	---	---	9.5	4.4	7.4	7.8	6.1	7.1	6.8	4.7	5.6
29	---	---	---	9.0	4.6	7.2	9.1	6.1	7.6	7.8	5.0	6.2
30	---	---	---	10.4	5.8	7.6	9.2	6.2	7.8	8.5	5.4	6.9
31	---	---	---	9.0	6.0	7.5	---	---	---	8.8	5.2	6.9
MONTH	---	---	---	---	---	---	9.2	3.4	7.0	10.4	4.3	6.9
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.0	5.3	7.0	9.7	4.7	6.4	6.4	5.2	5.7	8.0	3.7	5.7
2	9.1	5.3	7.2	9.9	4.5	6.4	6.8	5.5	6.0	8.1	3.9	5.9
3	9.1	4.8	7.0	10.8	4.7	7.0	6.7	5.7	6.2	7.6	3.4	5.5
4	7.2	4.5	5.8	11.4	4.7	7.5	6.8	5.3	6.1	8.0	3.8	5.8
5	6.6	4.3	5.0	10.4	4.9	7.3	6.5	5.1	5.8	7.6	3.8	5.7
6	7.9	4.0	6.1	10.8	4.9	7.5	6.9	5.6	6.2	7.0	4.2	5.5
7	8.2	4.7	5.8	10.4	4.7	7.2	7.4	5.7	6.5	7.3	5.0	6.1
8	---	---	---	10.5	4.4	7.6	7.6	5.7	6.6	7.5	5.0	6.3
9	---	---	---	---	---	---	7.8	5.7	6.6	8.1	4.3	6.3
10	---	---	---	---	---	---	7.7	5.1	6.3	8.0	4.8	6.3
11	---	---	---	---	---	---	7.3	4.7	6.0	8.1	5.2	6.6
12	---	---	---	---	---	---	7.7	5.6	6.6	7.9	5.1	6.4
13	9.6	5.1	6.8	---	---	---	8.4	5.7	7.0	8.1	5.3	6.6
14	7.6	4.4	6.0	---	---	---	8.6	5.9	7.1	8.3	4.5	6.4
15	9.7	4.7	6.8	---	---	---	---	---	---	6.8	4.2	5.3
16	7.8	3.2	5.1	---	---	---	---	---	---	---	---	---
17	10.1	3.8	6.1	---	---	---	---	---	---	---	---	---
18	10.7	3.9	7.1	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	9.8	3.8	6.3	---	---	---	---	---	---	---	---	---
25	7.9	4.0	5.5	---	---	---	---	---	---	---	---	---
26	7.5	4.1	5.5	---	---	---	---	---	---	---	---	---
27	9.8	3.3	5.7	---	---	---	---	---	---	---	---	---
28	9.8	4.0	6.2	---	---	---	---	---	---	---	---	---
29	5.2	3.4	4.3	---	---	---	---	---	---	---	---	---
30	6.1	4.0	5.0	---	---	---	---	---	---	---	---	---
31	---	---	---	6.0	4.6	5.4	8.0	3.9	5.7	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL

LOCATION.--Lat 33°26'07", long 86°56'15", in SE$^1/_4$ sec. 27, T. 18 S., R. 4 W., Jefferson County, Hydrologic Unit 03160112, at U.S. Highway 11 (9th Avenue Bridge), 2.4 mi upstream of Opossum Creek, at Birmingham, and at mile 44.7.
DRAINAGE.--30.0 mi^2.
PERIOD OF RECORD.--June 2000 to February 2001.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 2000 to February 2001.
WATER TEMPERATURE: June 2000 to February 2001.
DISSOLVED OXYGEN: June 2000 to February 2001.
INSTRUMENTATION.--Water-quality monitor June 2000 to February 2001.
REMARKS.--Interruptions in daily record are due to malfunctions of the instrumentation.
EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 621 microSiemens, Dec. 21, 2000; minimum, 68 microSiemens, June 27, 2000.
WATER TEMPERATURE: Maximum, 31.3°C, July 12, 2000; minimum, 1.9°C, Jan. 3, 2001.
DISSOLVED OXYGEN: Maximum, 19.6 mg/L, Feb. 8, 2001; minimum, 3.8 mg/L, July 28, 2000.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR JUNE 2000 TO FEBRUARY 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	447	336	398	336	163	241	378	357	368
2	---	---	---	439	395	415	346	80	234	376	359	367
3	---	---	---	413	377	396	358	103	242	378	364	370
4	---	---	---	420	351	391	436	358	406	377	363	370
5	---	---	---	366	347	357	436	169	237	384	358	372
6	---	---	---	410	347	374	408	305	367	377	355	366
7	---	---	---	393	354	368	427	398	418	380	367	374
8	---	---	---	411	354	367	417	384	409	393	379	389
9	---	---	---	409	359	380	419	384	405	396	378	389
10	---	---	---	400	368	385	408	369	397	389	373	382
11	---	---	---	393	339	363	392	300	338	389	376	382
12	---	---	---	389	338	358	348	312	331	457	376	397
13	---	---	---	391	359	372	382	312	354	456	326	398
14	---	---	---	444	359	400	369	357	362	458	378	419
15	393	363	386	374	328	343	379	346	358	442	383	416
16	458	357	397	365	251	286	359	342	350	531	416	490
17	382	292	333	320	288	308	355	346	350	494	400	448
18	385	294	333	368	320	347	355	345	351	410	379	397
19	387	83	368	378	368	373	364	346	354	396	373	385
20	279	83	188	385	255	377	348	337	341	391	356	375
21	382	279	325	272	89	190	363	341	348	379	277	367
22	427	382	405	362	272	325	366	347	355	416	369	395
23	406	387	402	427	362	401	351	342	346	466	378	406
24	397	383	392	425	393	409	363	349	358	466	396	422
25	431	378	392	393	372	384	423	349	378	407	376	396
26	431	350	395	387	350	367	353	329	340	422	354	385
27	350	68	200	350	168	211	361	349	353	394	370	387
28	365	250	316	335	244	293	370	358	364	372	364	367
29	330	105	188	394	335	368	375	356	365	388	370	380
30	365	299	326	399	95	359	376	359	367	388	372	381
31	---	---	---	343	69	222	389	366	378	---	---	---
MONTH	---	---	---	447	69	351	436	80	348	531	277	391

MOBILE RIVER BASIN

02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR JUNE 2000 TO FEBRUARY 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	436	385	417	421	396	408	465	395	424	486	458	473
2	433	350	379	437	390	423	524	465	505	474	459	467
3	370	352	360	422	391	408	491	474	480	486	462	476
4	380	354	367	444	405	419	483	474	479	570	462	514
5	395	367	385	496	438	466	499	463	478	488	455	471
6	391	175	270	487	386	457	557	475	504	479	453	462
7	274	202	238	401	101	194	548	504	517	555	148	465
8	370	274	321	290	119	222	504	480	486	356	141	247
9	404	370	397	256	72	158	507	479	488	---	---	---
10	406	399	403	486	256	391	583	478	520	---	---	---
11	411	405	408	494	472	482	561	462	489	443	435	440
12	414	408	411	479	473	476	471	434	454	457	396	429
13	413	404	409	480	472	475	465	413	456	439	392	424
14	---	---	---	476	471	474	441	218	257	445	315	429
15	---	---	---	500	473	485	390	261	315	346	246	289
16	385	369	379	484	126	365	459	220	297	429	346	400
17	388	358	373	346	155	249	313	223	253	442	341	387
18	381	352	366	436	346	403	451	313	388	381	166	253
19	436	354	379	413	203	243	493	451	476	304	101	216
20	435	363	384	426	233	328	503	489	497	442	287	384
21	386	366	376	551	426	468	621	503	574	461	442	454
22	391	361	376	575	494	529	529	508	512	465	461	463
23	507	368	454	529	494	522	565	526	546	520	461	478
24	488	391	427	554	205	482	561	520	538	510	465	472
25	400	352	379	300	194	239	531	484	501	480	472	476
26	386	353	372	461	300	389	490	471	481	476	466	471
27	405	382	393	484	461	474	478	296	435	496	467	471
28	413	390	401	486	473	480	371	283	310	534	447	481
29	484	396	442	560	483	517	401	319	341	454	110	385
30	485	414	447	519	393	452	491	401	464	392	113	276
31	430	400	414	---	---	---	520	485	504	486	392	452
MONTH	---	---	---	575	72	403	621	218	451	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
1	458	445	454	---	---	---	---	---	---	---	---	---
2	456	447	453	---	---	---	---	---	---	---	---	---
3	524	448	467	---	---	---	---	---	---	---	---	---
4	513	433	456	---	---	---	---	---	---	---	---	---
5	447	428	439	---	---	---	---	---	---	---	---	---
6	460	434	449	---	---	---	---	---	---	---	---	---
7	461	418	444	---	---	---	---	---	---	---	---	---
8	499	414	453	---	---	---	---	---	---	---	---	---
9	452	199	410	---	---	---	---	---	---	---	---	---
10	327	139	223	---	---	---	---	---	---	---	---	---
11	431	327	392	---	---	---	---	---	---	---	---	---
12	441	151	360	---	---	---	---	---	---	---	---	---
13	320	87	207	---	---	---	---	---	---	---	---	---
14	439	320	406	---	---	---	---	---	---	---	---	---
15	453	439	450	---	---	---	---	---	---	---	---	---
16	462	137	384	---	---	---	---	---	---	---	---	---
17	413	149	318	---	---	---	---	---	---	---	---	---
18	443	413	434	---	---	---	---	---	---	---	---	---
19	450	439	445	---	---	---	---	---	---	---	---	---
20	453	423	447	---	---	---	---	---	---	---	---	---
21	463	267	377	---	---	---	---	---	---	---	---	---
22	412	307	380	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR JUNE 2000 TO FEBRUARY 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	28.4	23.4	25.3	27.2	24.0	25.2	27.7	25.2	26.4
2	---	---	---	28.9	23.8	26.0	27.4	24.6	26.0	27.1	24.4	25.9
3	---	---	---	29.2	24.7	26.7	26.9	23.8	24.8	28.0	24.5	26.1
4	---	---	---	29.7	25.7	27.4	27.2	25.0	25.9	28.5	24.8	26.6
5	---	---	---	29.8	25.5	27.6	28.4	23.9	25.6	28.5	25.6	27.0
6	---	---	---	30.4	26.0	28.0	29.6	25.8	27.2	27.5	23.4	25.2
7	---	---	---	31.0	27.0	28.8	30.4	26.4	27.9	23.4	21.3	21.9
8	---	---	---	30.8	26.4	28.4	30.4	26.9	28.3	23.6	21.4	22.1
9	---	---	---	30.9	27.4	28.8	30.2	27.0	28.5	25.1	22.8	23.6
10	---	---	---	30.8	27.7	29.0	29.8	26.3	27.8	25.9	23.7	24.5
11	---	---	---	31.2	27.4	29.0	29.8	25.9	27.3	26.2	23.1	24.6
12	---	---	---	31.3	27.7	29.5	28.2	24.1	26.0	26.1	24.2	25.1
13	---	---	---	30.8	27.0	28.9	27.6	23.1	25.2	26.5	24.7	25.5
14	---	---	---	30.9	27.2	28.9	27.6	22.7	24.9	27.0	24.4	25.6
15	27.9	27.0	27.2	30.6	26.3	28.5	28.5	23.5	25.6	26.8	23.0	24.6
16	27.1	24.8	25.7	30.3	26.2	28.1	29.5	24.6	26.6	24.9	20.4	22.3
17	27.8	24.1	25.5	29.9	25.1	27.2	30.2	25.4	27.6	22.5	18.4	20.5
18	28.9	24.6	26.3	28.6	24.8	26.7	30.1	26.4	28.2	22.4	18.0	20.2
19	28.5	25.5	26.7	29.4	25.4	27.3	30.1	26.9	28.5	23.1	18.8	20.9
20	28.7	24.3	25.8	30.5	26.8	28.5	29.8	24.7	27.0	25.6	21.9	23.1
21	28.6	25.7	27.0	29.0	24.9	26.2	28.7	24.9	26.5	25.9	23.7	24.8
22	27.8	25.6	26.6	29.7	25.7	27.4	27.7	24.5	25.9	25.4	24.2	24.7
23	29.3	24.4	26.5	29.3	25.9	27.3	28.5	24.5	26.3	25.8	23.4	24.3
24	29.4	24.7	26.9	28.1	24.5	26.1	28.7	24.9	26.7	26.4	24.2	25.2
25	29.3	26.1	27.1	27.5	24.5	26.0	28.9	26.0	27.3	26.3	23.8	25.1
26	28.8	24.4	26.3	28.5	25.2	26.6	28.7	24.7	26.3	23.8	18.8	20.5
27	28.7	24.3	25.7	28.2	24.2	26.0	26.9	24.1	25.4	20.3	16.5	18.5
28	27.3	25.3	26.2	28.9	24.8	26.6	27.6	24.3	25.8	20.4	16.7	18.7
29	27.3	24.8	25.3	28.9	25.5	27.2	28.9	25.0	26.7	20.6	16.9	18.8
30	27.0	23.0	24.6	29.1	25.6	27.0	29.2	25.9	27.6	21.5	17.8	19.5
31	---	---	---	26.8	24.3	25.1	29.0	25.1	26.9	---	---	---
MONTH	---	---	---	31.3	23.4	27.4	30.4	22.7	26.6	28.5	16.5	23.4
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.2	19.5	20.9	21.0	18.1	19.7	10.6	7.2	8.7	4.3	3.7	3.9
2	23.0	19.4	20.9	21.0	18.2	19.7	11.6	9.9	10.4	4.3	2.5	3.4
3	23.3	20.0	21.7	21.1	18.8	20.0	11.5	8.4	9.5	3.8	1.9	2.9
4	23.3	19.9	21.8	20.9	18.7	19.5	8.4	6.1	7.3	4.9	2.6	3.3
5	23.3	19.9	21.7	19.3	18.4	18.9	8.3	5.4	6.8	6.5	3.7	4.6
6	23.3	21.9	22.6	19.2	18.2	18.6	8.1	5.8	6.7	7.2	4.6	5.7
7	22.3	17.6	19.3	21.1	18.8	19.8	8.2	5.5	6.7	8.0	5.6	6.4
8	18.0	13.4	15.0	22.5	21.0	21.5	9.6	6.5	7.5	10.5	8.0	9.4
9	14.4	11.4	12.8	22.1	20.1	21.1	10.4	8.7	9.2	9.2	5.8	7.1
10	14.0	10.5	12.3	20.1	15.0	16.9	11.5	10.3	10.7	6.9	4.3	5.4
11	14.8	10.9	12.8	15.0	11.6	13.1	12.5	11.3	11.6	6.9	5.5	6.0
12	15.8	11.7	13.6	13.6	10.6	12.0	12.5	8.6	10.6	8.4	6.9	7.9
13	16.7	12.7	14.7	13.5	11.7	12.4	8.6	6.2	7.1	10.3	7.5	8.4
14	17.2	13.3	15.3	13.2	10.7	12.0	10.6	7.4	9.5	10.2	9.0	9.5
15	17.7	14.0	15.9	12.3	8.7	10.2	10.1	8.4	9.0	12.1	10.1	11.1
16	18.6	14.9	16.7	13.2	9.9	10.6	13.7	10.0	11.1	12.0	9.7	10.5
17	19.7	16.6	18.0	12.8	12.3	12.6	14.5	8.4	11.5	10.0	9.5	9.7
18	19.9	17.4	18.8	12.3	8.6	10.2	8.4	5.1	6.1	11.2	10.0	10.6
19	19.9	16.9	18.5	10.1	8.3	9.2	6.7	5.2	6.0	14.7	11.2	12.5
20	20.4	17.5	18.8	9.9	7.7	8.8	5.2	2.4	3.6	11.3	9.2	9.9
21	21.2	19.1	19.9	9.9	7.3	8.5	4.4	3.5	3.8	9.3	6.8	7.9
22	21.5	18.7	20.0	8.6	5.5	6.9	4.4	2.8	3.6	8.6	6.1	7.4
23	21.3	18.2	19.9	10.5	8.1	8.7	3.9	2.1	3.0	9.1	6.4	7.7
24	21.0	18.2	19.8	10.6	10.1	10.3	6.9	3.9	4.7	10.4	7.7	8.7
25	20.9	17.9	19.5	13.3	10.6	12.4	6.9	4.8	5.7	10.3	7.8	9.0
26	20.8	18.2	19.7	14.0	12.3	13.0	7.3	6.0	6.3	9.3	5.8	7.2
27	20.7	17.8	19.4	13.7	10.2	11.6	8.3	7.1	7.3	11.3	7.7	8.8
28	20.7	17.9	19.4	12.2	9.1	10.6	8.6	7.4	8.0	11.6	8.0	9.7
29	20.7	18.0	19.6	11.7	10.7	11.1	7.7	5.6	6.7	13.5	10.9	11.7
30	21.2	18.3	19.8	11.6	8.8	10.1	6.4	4.0	4.8	13.9	11.1	124
31	21.1	18.7	20.2	---	---	---	4.7	2.4	3.4	13.5	11.2	12.5
MONTH	23.3	10.5	18.4	22.5	5.5	13.7	14.5	2.1	7.3	14.7	1.9	11.7

MOBILE RIVER BASIN

02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR JUNE 2000 TO FEBRUARY 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.5	10.5	11.8	---	---	---	---	---	---	---	---	---
2	11.6	9.7	10.6	---	---	---	---	---	---	---	---	---
3	10.5	7.5	9.0	---	---	---	---	---	---	---	---	---
4	11.6	8.4	9.7	---	---	---	---	---	---	---	---	---
5	12.0	8.6	10.2	---	---	---	---	---	---	---	---	---
6	12.0	7.9	9.9	---	---	---	---	---	---	---	---	---
7	13.6	9.1	10.8	---	---	---	---	---	---	---	---	---
8	15.5	11.4	12.9	---	---	---	---	---	---	---	---	---
9	17.2	13.6	14.9	---	---	---	---	---	---	---	---	---
10	17.0	12.3	14.0	---	---	---	---	---	---	---	---	---
11	13.0	8.8	10.2	---	---	---	---	---	---	---	---	---
12	12.2	10.3	10.9	---	---	---	---	---	---	---	---	---
13	12.2	10.1	11.1	---	---	---	---	---	---	---	---	---
14	14.6	11.6	12.9	---	---	---	---	---	---	---	---	---
15	18.0	14.6	15.7	---	---	---	---	---	---	---	---	---
16	19.0	17.0	17.6	---	---	---	---	---	---	---	---	---
17	17.0	11.8	13.4	---	---	---	---	---	---	---	---	---
18	13.1	9.2	11.1	---	---	---	---	---	---	---	---	---
19	13.9	9.7	11.5	---	---	---	---	---	---	---	---	---
20	15.2	12.8	13.5	---	---	---	---	---	---	---	---	---
21	16.9	14.7	15.4	---	---	---	---	---	---	---	---	---
22	16.8	15.9	16.1	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

OXYGEN DISSOLVED (MG/L), WATER YEAR JUNE 2000 TO FEBRUARY 2001

	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	9.9	6.1	7.7	8.7	6.8	7.3	9.8	5.2	7.2
2	---	---	---	10.9	5.5	8.0	7.8	5.7	6.6	9.7	5.5	7.5
3	---	---	---	11.9	5.7	8.4	8.5	6.2	7.2	9.7	5.4	7.3
4	---	---	---	12.2	6.0	8.6	8.3	6.3	7.3	9.8	5.2	7.2
5	---	---	---	12.1	5.8	8.6	8.7	5.6	6.8	9.7	4.7	7.0
6	---	---	---	11.7	5.8	8.5	9.7	6.1	7.5	8.8	5.2	6.8
7	---	---	---	9.8	5.5	7.1	10.5	6.1	7.7	9.9	6.3	7.7
8	---	---	---	---	---	---	11.1	5.9	8.0	10.6	6.5	8.2
9	---	---	---	---	---	---	10.8	6.1	8.0	10.4	6.2	8.1
10	---	---	---	---	---	---	11.3	6.1	8.2	10.4	5.6	7.7
11	---	---	---	---	---	---	10.5	6.0	7.8	9.8	5.6	7.7
12	---	---	---	10.9	9.8	10.0	11.0	5.6	7.8	9.5	5.6	7.3
13	---	---	---	11.0	5.9	8.1	11.7	6.7	8.6	9.3	5.3	7.0
14	---	---	---	11.2	6.0	8.1	11.4	6.8	8.8	9.7	5.4	7.3
15	9.3	7.9	8.4	10.8	6.0	8.1	10.9	6.2	8.3	9.8	5.7	7.6
16	8.7	5.5	6.7	9.5	4.4	6.6	10.6	5.7	7.7	9.7	6.0	7.6
17	10.1	4.7	6.9	10.4	7.8	8.3	10.3	5.4	7.4	10.4	6.7	8.2
18	10.4	4.7	7.0	10.8	4.6	6.8	9.9	5.0	7.1	10.4	7.0	8.5
19	9.6	4.9	6.8	10.1	4.3	7.2	9.9	4.9	7.0	10.2	6.8	8.2
20	7.1	5.3	6.0	9.9	4.5	6.8	9.8	4.6	6.6	9.7	5.4	7.6
21	7.7	4.8	5.9	7.7	4.7	5.7	10.3	5.2	7.2	9.4	5.1	7.0
22	8.9	4.8	6.4	8.2	4.6	5.9	10.6	5.5	7.6	8.5	5.3	6.4
23	9.7	5.6	7.4	9.8	5.1	6.7	10.4	5.4	7.5	8.8	5.0	6.4
24	10.5	5.7	7.6	10.3	5.4	7.5	10.4	5.3	7.4	9.3	4.6	6.6
25	10.1	5.6	7.4	10.5	5.6	7.7	9.6	5.2	7.1	8.1	4.4	6.1
26	10.9	6.2	8.1	10.9	5.8	8.0	9.5	4.3	6.3	10.2	5.7	7.4
27	9.7	5.0	6.5	9.8	4.1	5.5	9.9	4.7	6.7	10.3	6.8	8.4
28	9.0	4.2	6.5	9.0	3.8	6.0	9.2	4.8	6.9	9.8	8.1	8.7
29	7.2	5.7	6.3	10.1	4.5	6.8	9.4	4.8	6.7	---	---	---
30	9.3	5.9	7.1	10.3	5.0	7.2	---	---	---	---	---	---
31	---	---	---	7.3	6.7	7.2	9.8	5.1	7.1	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02461300 VALLEY CREEK AT U.S. HIGHWAY 11 AT BIRMINGHAM, AL--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR JUNE 2000 TO FEBRUARY 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	9.3	5.5	7.1	13.7	9.5	11.1	---	---	---
2	10.4	7.4	8.4	9.7	5.6	7.4	13.5	9.8	11.0	---	---	---
3	10.1	6.3	7.9	9.1	4.8	6.8	14.0	9.6	11.5	---	---	---
4	10.0	6.1	7.8	8.7	5.5	6.7	15.2	11.3	12.8	---	---	---
5	11.8	6.5	8.3	9.8	5.7	7.5	15.1	11.8	13.0	---	---	---
6	6.7	4.7	5.0	8.2	6.3	7.2	15.0	11.6	12.8	16.6	6.4	13.0
7	---	---	---	7.0	5.1	6.1	15.4	11.7	13.0	16.7	9.4	12.7
8	---	---	---	6.6	4.7	5.7	15.4	11.3	12.6	11.7	8.7	10.6
9	---	---	---	7.2	5.9	6.6	13.6	9.9	11.5	15.2	10.8	12.8
10	---	---	---	7.0	6.0	6.4	13.1	8.5	10.3	16.3	10.6	13.8
11	---	---	---	6.6	5.6	6.2	14.6	7.7	10.6	13.7	11.0	12.5
12	---	---	---	5.8	4.8	5.5	15.9	9.2	12.1	12.0	9.5	10.7
13	---	---	---	---	---	---	14.7	11.6	12.9	16.1	10.4	12.5
14	---	---	---	11.4	9.8	10.7	12.2	6.5	7.5	18.7	9.0	11.6
15	---	---	---	11.5	9.7	10.5	10.2	6.2	7.8	13.2	8.5	10.4
16	11.1	7.9	9.5	9.8	7.5	8.9	10.2	4.9	7.6	13.1	9.6	11.1
17	10.8	6.8	8.5	7.8	7.2	7.5	9.0	5.1	7.6	11.7	9.2	10.4
18	10.1	6.0	8.0	7.9	7.3	7.5	12.5	8.3	10.1	10.3	7.5	9.1
19	10.2	6.1	7.9	7.3	5.9	6.2	13.9	9.4	11.6	10.4	8.0	9.6
20	9.8	6.1	7.7	6.0	5.4	5.7	12.4	6.8	9.6	12.1	10.1	11.2
21	9.1	4.8	6.7	5.4	4.7	5.0	14.6	10.6	12.6	13.4	11.4	12.5
22	9.3	4.6	6.8	---	---	---	13.8	5.5	8.7	13.9	12.3	12.9
23	9.3	5.0	6.8	---	---	---	14.3	5.9	10.5	14.3	12.0	12.9
24	9.3	5.0	6.7	---	---	---	14.8	6.4	12.0	14.2	11.8	12.6
25	9.3	5.1	6.8	---	---	---	16.8	7.5	13.1	15.0	11.5	12.9
26	9.4	5.1	7.0	---	---	---	16.8	5.2	10.7	15.9	12.5	13.7
27	9.3	5.2	7.1	11.8	9.5	10.6	13.5	5.7	10.1	15.7	11.7	13.2
28	9.2	5.1	6.9	12.6	9.4	10.6	12.1	4.8	9.1	16.3	11.5	13.2
29	9.3	4.0	6.7	10.9	9.0	9.7	13.2	4.6	9.3	15.1	9.4	11.9
30	9.4	4.9	6.9	12.1	9.5	10.4	16.0	12.2	14.0	11.8	9.9	10.8
31	9.1	5.3	7.0	---	---	---	15.1	8.4	12.0	13.2	9.7	11.1
MONTH	---	---	---	---	---	---	16.8	4.6	10.9	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
1	15.5	10.2	12.3	---	---	---	---	---	---	---	---	---
2	16.5	10.9	13.1	---	---	---	---	---	---	---	---	---
3	17.2	11.9	13.9	---	---	---	---	---	---	---	---	---
4	17.8	11.2	13.8	---	---	---	---	---	---	---	---	---
5	18.1	11.2	13.9	---	---	---	---	---	---	---	---	---
6	18.8	11.6	14.3	---	---	---	---	---	---	---	---	---
7	19.4	11.2	14.3	---	---	---	---	---	---	---	---	---
8	19.6	9.9	13.6	---	---	---	---	---	---	---	---	---
9	18.0	8.4	12.4	---	---	---	---	---	---	---	---	---
10	13.0	8.4	10.6	---	---	---	---	---	---	---	---	---
11	16.3	10.7	13.0	---	---	---	---	---	---	---	---	---
12	13.3	10.6	11.5	---	---	---	---	---	---	---	---	---
13	12.5	10.2	11.2	---	---	---	---	---	---	---	---	---
14	11.6	10.0	10.8	---	---	---	---	---	---	---	---	---
15	12.6	9.3	10.5	---	---	---	---	---	---	---	---	---
16	12.6	8.8	10.1	---	---	---	---	---	---	---	---	---
17	13.0	10.4	11.5	---	---	---	---	---	---	---	---	---
18	14.8	11.3	12.9	---	---	---	---	---	---	---	---	---
19	15.2	11.2	12.9	---	---	---	---	---	---	---	---	---
20	15.1	10.6	12.2	---	---	---	---	---	---	---	---	---
21	12.8	8.4	9.9	---	---	---	---	---	---	---	---	---
22	10.6	7.8	9.4	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MOBILE RIVER BASIN

02461500 VALLEY CREEK NEAR BESSEMER, AL

LOCATION.--Lat 33°25'09", long 86°58'58", in NW$^1/_4$ 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 mi^2.
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: Feb. 20-23, Mar. 3-6, Apr. 3, 4, July 30 to Aug. 1. 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.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	402	44	43	83	70	84	58	50	45	e85	41
2	30	143	35	46	83	53	1040	53	47	44	261	29
3	40	68	41	46	67	e200	e3300	65	67	42	77	33
4	159	51	39	331	70	e230	e1000	49	67	39	97	37
5	37	45	50	77	65	e110	284	55	95	43	60	34
6	37	47	52	59	64	e85	195	54	54	40	49	42
7	27	46	42	57	63	64	149	51	42	28	53	34
8	41	42	52	57	60	62	183	50	45	37	38	33
9	84	42	30	277	62	56	118	46	41	45	52	34
10	1080	42	138	399	56	1540	107	62	35	36	47	33
11	82	36	46	102	63	2110	101	50	37	37	53	30
12	57	43	44	84	60	269	231	45	37	34	43	39
13	56	44	531	78	66	169	102	52	30	38	50	46
14	42	43	85	63	169	132	174	47	34	36	42	37
15	46	38	68	65	58	113	107	49	44	41	35	25
16	44	33	55	63	63	112	96	48	53	64	46	30
17	41	43	54	109	56	85	86	53	45	35	32	33
18	41	31	58	74	61	80	83	43	47	45	35	31
19	39	37	103	74	60	1700	80	44	230	30	43	32
20	77	177	60	73	e58	487	74	50	75	331	42	44
21	39	55	110	64	e53	192	79	70	43	116	35	37
22	41	46	67	91	e49	147	69	51	46	50	37	41
23	38	42	60	320	e45	123	72	48	44	48	45	38
24	39	47	60	98	43	105	84	47	44	30	30	39
25	32	40	54	82	47	101	70	81	42	44	42	38
26	40	37	50	78	46	102	66	197	143	94	43	35
27	42	40	54	78	321	123	64	59	102	59	29	42
28	32	49	53	106	73	90	97	96	182	42	33	27
29	43	36	51	236	63	79	60	51	96	36	41	30
30	32	37	49	117	---	271	62	48	51	e500	37	35
31	36	---	44	93	---	98	---	45	---	e300	29	---
TOTAL	2509	1882	2279	3540	2127	9158	8317	1817	1968	2409	1641	1059
MEAN	80.9	62.7	73.5	114	73.3	295	277	58.6	65.6	77.7	52.9	35.3
MAX	1080	402	531	399	321	2110	3300	197	230	500	261	46
MIN	27	31	30	43	43	53	60	43	30	28	29	25
CFSM	1.54	1.19	1.40	2.18	1.40	5.63	5.28	1.12	1.25	1.48	1.01	.67
IN.	1.78	1.33	1.61	2.51	1.51	6.49	5.89	1.29	1.39	1.71	1.16	.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2000, BY WATER YEAR (WY)

MEAN	95.5	106	117	190	157	228	169	127	103	105	72.7	104
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	73.5	76.8	73.3	90.2	69.0	43.1	42.0	44.0	43.5	35.3
(WY)	1992	1991	2000	1992	2000	1992	1990	1992	1988	1995	1990	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1975 - 2000	
ANNUAL TOTAL	39454		38706			
ANNUAL MEAN	108		106		131	
HIGHEST ANNUAL MEAN					206	1979
LOWEST ANNUAL MEAN					78.8	1992
HIGHEST DAILY MEAN	1450	Jun 28	3300	Apr 3	6180	Apr 13 1979
LOWEST DAILY MEAN	25	Sep 16	25	Sep 15	23	Jul 25 1988
ANNUAL SEVEN-DAY MINIMUM	30	Sep 22	33	Sep 14	27	Aug 13 1988
INSTANTANEOUS PEAK FLOW			5830	Mar 11	11300	Apr 13 1979
INSTANTANEOUS PEAK STAGE			13.81	Mar 11	17.06	Apr 13 1979
ANNUAL RUNOFF (CFSM)	2.06		2.01		2.50	
ANNUAL RUNOFF (INCHES)	27.96		27.43		34.01	
10 PERCENT EXCEEDS	183		162		228	
50 PERCENT EXCEEDS	58		51		73	
90 PERCENT EXCEEDS	35		35		38	

e Estimated

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 mi^2.
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.--Estimated daily discharges: Dec. 11 to Jan. 6, May 26 to June 4, June 29 to July 24, Aug. 1 to Sept. 30. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	60	7.8	e6.2	11	6.4	14	5.8	e5.0	e4.5	e8.0	e1.6
2	2.5	16	7.8	e6.1	9.7	6.1	175	5.6	e4.8	e4.0	e20	e1.2
3	5.4	6.2	7.9	e6.0	9.1	44	396	5.4	e6.7	e3.5	e7.0	e1.3
4	62	4.8	8.0	e50	8.4	25	150	5.3	e6.5	e3.2	e9.5	e1.5
5	5.0	4.0	8.8	e8.5	7.9	9.0	56	5.9	6.9	e3.0	e6.0	e1.4
6	3.9	3.6	7.6	e6.2	7.5	8.1	35	5.7	4.1	e2.6	e4.4	e1.6
7	3.6	3.4	7.6	5.9	7.2	7.4	28	4.9	4.2	e2.3	e4.7	e1.4
8	4.2	3.4	7.4	6.1	6.8	6.8	28	4.9	4.1	e2.5	e3.4	e1.2
9	9.8	3.3	7.9	38	6.5	6.7	19	4.8	4.0	e2.5	e4.6	e1.1
10	188	3.3	12	73	6.3	278	17	5.5	3.9	e2.6	e3.8	e1.0
11	13	3.5	e10	15	6.0	257	15	4.8	3.9	e2.6	e4.2	e.90
12	8.5	3.2	e8.5	12	5.7	51	38	4.8	3.8	e2.5	e3.4	e1.2
13	6.8	3.3	e80	13	12	31	17	5.6	4.6	e2.4	e4.0	e1.4
14	5.6	3.2	e20	9.7	11	24	30	4.7	4.9	e2.3	e2.9	e1.1
15	5.0	3.6	e13	8.9	6.4	19	16	4.5	5.9	e2.2	e2.5	e.80
16	4.6	3.9	e10	8.8	6.3	18	14	5.0	6.2	e7.0	e3.3	e.90
17	4.4	3.9	e9.0	11	6.0	15	13	4.6	5.4	e3.5	e2.2	e1.0
18	4.1	3.8	e8.5	8.9	5.8	13	11	4.6	5.2	e2.5	e2.0	e.90
19	3.7	4.0	e20	11	5.8	239	11	5.3	5.2	e2.2	e2.5	e1.0
20	4.9	22	e11	9.0	5.3	94	10	4.4	4.6	e45	e2.5	e1.3
21	3.5	5.8	e22	7.9	5.1	37	11	3.9	4.2	e10	e2.2	e1.0
22	3.3	5.8	e11	18	4.9	29	9.0	3.5	4.1	e5.0	e1.8	e.80
23	3.1	5.8	e9.5	44	5.0	24	8.8	4.7	4.3	e3.8	e2.2	e.80
24	2.9	5.6	e8.5	13	4.7	20	9.0	5.4	4.2	e3.2	e1.5	e.80
25	2.8	5.6	e8.0	11	5.1	18	8.0	5.6	6.0	3.7	e2.1	e.70
26	2.7	5.5	e7.5	9.9	5.3	18	7.3	e11	3.7	3.8	e1.7	e.65
27	2.6	5.4	e8.0	9.2	39	19	7.1	e6.0	4.2	4.0	e1.2	e.80
28	2.5	6.4	e7.0	16	8.0	14	7.9	e10	17	4.3	e1.3	e.80
29	2.4	7.1	e6.8	42	6.9	13	6.6	e5.0	e9.0	4.3	e1.6	e.70
30	2.4	7.5	e6.5	16	---	40	6.2	e4.8	e5.0	66	e1.5	e.70
31	2.3	---	e6.3	12	---	14	---	e4.5	---	9.9	e1.2	---
TOTAL	378.1	222.9	373.9	512.3	234.7	1404.5	1173.9	166.5	161.6	220.9	119.2	31.55
MEAN	12.2	7.43	12.1	16.5	8.09	45.3	39.1	5.37	5.39	7.13	3.85	1.05
MAX	188	60	80	73	39	278	396	11	17	66	20	1.6
MIN	2.3	3.2	6.3	5.9	4.7	6.1	6.2	3.5	3.7	2.2	1.2	.65
CFSM	1.67	1.02	1.65	2.26	1.11	6.21	5.36	.74	.74	.98	.53	.14
IN.	1.93	1.14	1.91	2.61	1.20	7.16	5.98	.85	.82	1.13	.61	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

MEAN	7.71	9.78	15.0	34.0	21.6	33.8	25.0	9.41	11.1	7.85	5.28	2.45
MAX	12.2	11.0	16.5	48.4	36.1	45.3	39.1	12.0	21.2	10.6	8.83	3.22
(WY)	2000	1998	1999	1998	1998	2000	2000	1998	1999	1999	1998	1998
MIN	2.22	7.43	12.1	16.5	8.09	28.0	13.4	5.37	5.39	5.78	3.17	1.05
(WY)	1999	2000	2000	2000	2000	1999	1999	2000	2000	1998	1999	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1998 - 2000	
ANNUAL TOTAL	5485.0		5000.05			
ANNUAL MEAN	15.0		13.7		15.2	
HIGHEST ANNUAL MEAN					17.2	1998
LOWEST ANNUAL MEAN					13.7	2000
HIGHEST DAILY MEAN	216	Jan 30	396	Apr 3	487	Jan 7 1998
LOWEST DAILY MEAN	2.2	Sep 26-28	.65	Sep 26	.65	Sep 26 2000
ANNUAL SEVEN-DAY MINIMUM	2.3	Sep 22	.74	Sep 24	.74	Sep 24 2000
INSTANTANEOUS PEAK FLOW			737	Mar 10	919	Jan 7 1998
INSTANTANEOUS PEAK STAGE			12.21	Mar 10	13.16	Jan 7 1998
ANNUAL RUNOFF (CFSM)	2.06		1.87		2.09	
ANNUAL RUNOFF (INCHES)	27.95		25.48		28.36	
10 PERCENT EXCEEDS	27		21		29	
50 PERCENT EXCEEDS	7.9		5.8		7.1	
90 PERCENT EXCEEDS	2.6		1.7		2.4	

e Estimated

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 mi^2.
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: Feb. 2 to Mar. 3, Aug. 5-31. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	429	46	43	91	e80	94	56	48	44	94	40
2	34	179	38	46	e87	e60	1220	51	46	43	250	28
3	40	73	43	45	e73	e220	3690	65	66	42	83	32
4	222	52	41	361	e77	230	1160	49	66	37	100	35
5	40	48	48	80	e72	83	358	53	104	41	e77	34
6	40	50	57	60	e70	66	244	54	55	38	e55	39
7	31	48	43	57	e68	66	189	49	42	29	e53	32
8	43	45	54	56	e66	63	224	49	45	35	e37	33
9	90	44	34	305	e68	57	145	45	41	42	e52	33
10	1280	45	151	477	e62	1890	130	60	38	36	e48	33
11	95	39	49	123	e66	2430	122	49	37	35	e52	30
12	61	45	45	95	e64	332	277	44	39	33	e43	38
13	60	46	615	88	e70	211	126	49	31	36	e49	42
14	44	46	96	66	e190	165	212	44	35	35	e41	35
15	48	40	69	68	e70	138	132	46	43	36	e35	27
16	46	36	55	65	e72	135	113	44	53	65	e44	29
17	43	46	53	123	e64	99	98	49	45	33	e32	31
18	44	35	59	80	e66	88	91	42	48	43	e35	31
19	42	40	115	80	e66	1890	88	40	211	30	e43	30
20	82	191	62	79	e64	648	78	45	85	305	e42	41
21	43	59	125	67	e60	240	86	69	43	154	e35	46
22	44	49	73	84	e55	184	73	49	46	46	e36	40
23	41	45	61	383	e50	152	73	47	43	46	e42	36
24	42	48	61	118	e47	127	91	45	44	30	e30	37
25	36	43	54	91	e50	119	72	64	44	41	e41	36
26	42	39	50	85	e50	122	67	240	106	82	e42	34
27	45	42	55	85	e380	145	64	59	132	68	e29	39
28	36	51	53	120	e95	104	103	100	187	40	e31	26
29	45	39	51	288	e75	87	59	50	111	35	e39	28
30	37	40	49	145	---	313	61	47	51	581	e35	33
31	40	---	45	111	---	115	---	44	---	348	e29	---
TOTAL	2873	2032	2450	3974	2388	10659	9540	1797	1985	2509	1654	1028
MEAN	92.7	67.7	79.0	128	82.3	344	318	58.0	66.2	80.9	53.4	34.3
MAX	1280	429	615	477	380	2430	3690	240	211	581	250	46
MIN	31	35	34	43	47	57	59	40	31	29	29	26
CFSM	1.51	1.10	1.29	2.09	1.34	5.60	5.18	.94	1.08	1.32	.87	.56
IN.	1.74	1.23	1.48	2.41	1.45	6.46	5.78	1.09	1.20	1.52	1.00	.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

MEAN	74.3	81.9	122	256	161	257	212	84.1	106	89.8	64.3	40.9
MAX	92.7	94.6	169	346	276	344	318	100	181	99.4	90.6	47.8
(WY)	2000	1999	1999	1998	1998	2000	2000	1999	1999	1999	1998	1998
MIN	42.0	67.7	79.0	128	82.3	201	95.4	58.0	66.2	80.9	49.0	34.3
(WY)	1999	2000	2000	2000	2000	1999	1999	2000	2000	2000	1999	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1998 - 2000	
ANNUAL TOTAL	43529		42889			
ANNUAL MEAN	119		117		129	
HIGHEST ANNUAL MEAN					146	1998
LOWEST ANNUAL MEAN					117	2000
HIGHEST DAILY MEAN	1670	Jan 23	3690	Apr 3	4070	Jan 7 1998
LOWEST DAILY MEAN	29	Sep 16	26	Sep 28	26	Sep 28 2000
ANNUAL SEVEN-DAY MINIMUM	33	Sep 22	32	Sep 14	32	Sep 14 2000
INSTANTANEOUS PEAK FLOW			6060	Apr 3	7600	Jan 7 1998
INSTANTANEOUS PEAK STAGE			11.82	Apr 3	13.24	Jan 7 1998
ANNUAL RUNOFF (CFSM)	1.94		1.91		2.10	
ANNUAL RUNOFF (INCHES)	26.37		25.98		28.59	
10 PERCENT EXCEEDS	212		189		223	
50 PERCENT EXCEEDS	65		51		65	
90 PERCENT EXCEEDS	40		35		37	

e Estimated

MOBILE RIVER BASIN

02462000 VALLEY CREEK NEAR OAK GROVE, AL

LOCATION.--Lat 33°26'50", long 87°07'20", in NW$^1/_4$ 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 mi^2.

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.--Estimated daily discharges: Mar. 20-27, Aug. 22 to Sept. 30. 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.

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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87	170	102	112	365	206	295	188	106	105	269	e78
2	83	687	104	110	309	167	2430	177	107	91	211	e88
3	77	242	100	108	257	180	6710	177	109	89	406	e82
4	341	159	98	452	232	645	5040	177	115	81	154	e85
5	140	136	100	283	211	299	1290	154	146	87	183	e88
6	87	129	129	210	193	240	874	160	173	80	105	e85
7	82	118	111	168	183	203	709	151	110	72	99	e90
8	80	112	109	158	167	182	674	146	102	71	92	e85
9	105	109	108	410	160	164	536	144	96	77	86	e85
10	1460	113	231	860	149	2560	465	134	97	79	101	e82
11	351	100	152	560	148	6650	410	146	84	71	106	e80
12	196	107	127	375	144	1760	598	123	92	72	91	e85
13	144	108	650	316	152	750	513	120	81	69	85	e90
14	129	106	360	252	378	655	528	118	81	76	87	e100
15	121	103	246	222	197	540	494	113	84	69	78	e70
16	115	109	178	210	188	491	411	114	99	101	76	e72
17	113	105	153	246	172	443	365	115	105	73	79	e75
18	108	102	134	265	169	360	320	112	92	69	70	e75
19	109	99	234	225	156	3210	295	104	89	74	72	e73
20	121	252	163	250	150	e3700	261	107	293	67	78	e78
21	145	216	240	210	138	e1200	273	128	100	475	84	e85
22	112	131	222	200	137	e750	249	128	92	106	e77	e120
23	110	117	178	755	131	e600	239	110	91	96	e80	e90
24	108	112	158	495	127	e500	248	108	93	78	e74	e75
25	105	116	153	360	132	e400	245	105	108	74	e78	e70
26	99	99	139	308	117	e350	218	356	122	86	e85	e68
27	106	107	134	265	512	e400	205	183	240	143	e75	e70
28	97	110	130	283	319	349	246	169	125	82	e72	e66
29	110	103	125	720	250	285	203	134	340	75	e78	e68
30	107	102	121	610	---	530	196	117	140	81	e85	e75
31	102	---	116	470	---	360	---	109	---	893	e80	---
TOTAL	5250	4379	5305	10468	5943	29129	25540	4427	3712	3762	3396	2433
MEAN	169	146	171	338	205	940	851	143	124	121	110	81.1
MAX	1460	687	650	860	512	6650	6710	356	340	893	406	120
MIN	77	99	98	108	117	164	196	104	81	67	70	66
CFSM	1.14	.99	1.16	2.28	1.38	6.35	5.75	.96	.84	.82	.74	.55
IN.	1.32	1.10	1.33	2.63	1.49	7.32	6.42	1.11	.93	.95	.85	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2000, BY WATER YEAR (WY)

MEAN	156	237	380	491	578	585	493	278	203	202	141	151
MAX	442	539	2289	931	1239	1440	1580	829	616	631	232	415
(WY)	1996	1958	1984	1990	1983	1980	1979	1983	1989	1989	1982	1979
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1954 - 2000	
ANNUAL TOTAL	107631		103744			
ANNUAL MEAN	295		283		323	
HIGHEST ANNUAL MEAN					459	1983
LOWEST ANNUAL MEAN					144	1986
HIGHEST DAILY MEAN	4380	Jan 31	6710	Apr 3	19100	Apr 13 1979
LOWEST DAILY MEAN	77	Aug 31	66	Sep 28	34	Sep 19 1983
ANNUAL SEVEN-DAY MINIMUM	80	Sep 14	70	Sep 24	43	Sep 28 1983
INSTANTANEOUS PEAK FLOW			9230	Mar 11	32000	Dec 4 1983
INSTANTANEOUS PEAK STAGE			21.23	Mar 11	33.98	Dec 4 1983
ANNUAL RUNOFF (CFSM)	1.99		1.92		2.18	
ANNUAL RUNOFF (INCHES)	27.05		26.08		29.64	
10 PERCENT EXCEEDS	586		494		610	
50 PERCENT EXCEEDS	163		128		175	
90 PERCENT EXCEEDS	88		78		86	

e Estimated

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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	118	0	1300	0	5400	4180	5500	3870	1820	1250	2660	0
2	177	1440	995	0	3630	3180	52200	4010	2430	1230	2420	0
3	177	603	0	15	2570	2590	131000	3700	757	1180	3230	0
4	236	783	0	4530	2930	1670	104000	1900	0	1170	1500	1300
5	236	911	0	5000	1730	3020	94000	1220	1310	1320	0	1310
6	291	0	1750	4270	1750	2590	55500	0	1300	1560	0	1180
7	118	248	1260	1460	3980	1950	31100	0	1240	1770	1490	1540
8	236	1220	917	1640	3280	1710	19100	2160	1260	695	1670	1390
9	890	337	0	2460	1190	1200	20300	926	1330	0	1440	0
10	546	77	0	7980	696	26300	21700	751	913	1940	1670	0
11	3270	171	0	8300	1980	135000	19100	1030	0	1860	2270	1040
12	0	0	443	4280	7	51800	18600	1650	1490	1810	0	951
13	59	0	2420	2410	1080	16100	15500	1720	1180	1480	0	1660
14	118	0	2950	2430	4720	8260	8900	1180	1000	652	2130	1100
15	413	0	2730	0	3540	8730	9950	6	1170	0	1410	1560
16	1990	1100	1410	1970	3320	5440	10900	0	1790	0	1540	0
17	177	858	2080	1420	3160	3160	9840	0	147	1810	1440	0
18	112	0	0	1400	2100	3450	8640	0	0	0	1670	1270
19	1530	0	242	3270	1690	48600	8890	251	823	1040	0	1310
20	368	692	3050	2210	0	109000	9000	1230	1240	1910	0	1190
21	0	0	0	2090	2540	75000	8010	1360	2560	2410	1290	1310
22	118	1060	2060	1390	915	25300	5360	0	2330	0	954	1410
23	891	0	2120	5040	0	13500	2920	0	1890	0	659	1270
24	384	2310	560	7520	1720	8920	2710	0	805	2160	1010	0
25	823	0	208	6240	1260	7440	3400	1000	873	2250	1600	1650
26	118	0	0	5250	2680	5090	654	2000	1420	1710	0	525
27	118	0	0	4410	2400	25500	5040	2050	2070	1240	0	171
28	354	0	388	4530	6570	17000	4400	1220	1330	870	1130	171
29	354	0	0	5280	4620	6140	5280	1490	1310	351	1450	1570
30	59	531	796	9840	---	7390	4020	1760	1350	0	1280	914
31	0	---	0	5140	---	9450	---	1730	---	2530	1160	---
TOTAL	14281	12341	27679	111775	71458	638660	695514	38214	37138	36198	37073	25792
MEAN	461	411	893	3606	2464	20600	23180	1233	1238	1168	1196	860
MAX	3270	2310	3050	9840	6570	135000	131000	4010	2560	2530	3230	1660
MIN	0	0	0	0	0	1200	654	0	0	0	0	0
CFSM	.12	.10	.22	.91	.62	5.18	5.82	.31	.31	.29	.30	.22
IN.	.13	.12	.26	1.04	.67	5.97	6.50	.36	.35	.34	.35	.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2000, BY WATER YEAR (WY)

MEAN	2473	4514	7553	11520	12260	14290	10610	5855	3265	2938	1921	1826
MAX	11990	32560	32480	24030	35550	38030	29230	23190	21670	13400	4557	5646
(WY)	1933	1930	1933	1998	1990	1929	1979	1991	1997	1989	1985	1979
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1929 - 2000	
ANNUAL TOTAL	1957277		1746123			
ANNUAL MEAN	5362		4771		6559	
HIGHEST ANNUAL MEAN					10210	1980
LOWEST ANNUAL MEAN					2555	1988
HIGHEST DAILY MEAN	67900	Jan 31	135000	Mar 11	143000	Apr 13 1979
LOWEST DAILY MEAN	0	Several days	0	Several days	*0	Many days
ANNUAL SEVEN-DAY MINIMUM	84	Nov 9	84	Nov 9	0	Sep 29 1931
INSTANTANEOUS PEAK STAGE			255.15	Apr 2	255.60	Jan 11 1984
ANNUAL RUNOFF (CFSM)	1.35		1.20		1.65	
ANNUAL RUNOFF (INCHES)	18.29		16.32		22.39	
10 PERCENT EXCEEDS	12000		8080		14900	
50 PERCENT EXCEEDS	2310		1320		2960	
90 PERCENT EXCEEDS	0		0		300	

* Some undetermined amounts of leakage may have occurred during periods reported as no flow.

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 SE$^1/_4$ 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 mi^2.

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, 189.80 ft, Apr. 3; minimum, 185.06 ft, Aug. 23.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	186.40	186.80	186.50	186.71	186.57	186.51	186.65	186.55	186.45	186.29	186.21	186.35
2	186.48	186.66	186.35	186.64	186.44	186.25	186.97	186.47	186.35	186.28	186.17	186.41
3	186.62	186.66	186.32	186.53	186.34	186.38	188.55	186.43	186.39	186.32	186.21	186.46
4	186.46	186.65	186.53	186.39	186.28	186.37	188.69	186.50	186.43	186.29	186.24	186.51
5	186.17	186.43	186.64	186.37	186.28	186.41	187.94	186.63	186.62	186.27	186.42	186.25
6	186.34	186.51	186.57	186.36	186.51	186.51	187.30	186.64	186.46	186.33	186.47	186.21
7	186.48	186.66	186.64	186.35	186.57	186.45	186.85	186.74	186.35	186.26	186.39	186.09
8	186.45	186.55	186.58	186.36	186.35	186.50	186.65	186.68	186.47	186.22	186.17	186.19
9	186.56	186.44	186.56	186.40	186.36	186.55	186.63	186.37	186.51	186.15	186.12	186.21
10	186.49	186.20	186.42	186.78	186.53	186.89	186.69	186.45	186.48	186.22	186.26	186.27
11	186.54	186.42	186.43	186.91	186.54	187.95	186.68	186.55	186.54	186.23	186.35	186.38
12	186.72	186.53	186.48	186.28	186.55	186.86	186.54	186.60	186.76	186.18	186.20	186.48
13	186.76	186.65	186.44	186.42	186.53	186.84	186.39	186.71	186.71	186.19	186.24	186.54
14	186.49	186.75	186.45	186.39	186.42	186.58	186.46	186.69	186.40	186.16	186.32	186.48
15	186.53	186.67	186.51	186.44	186.55	186.51	186.85	186.65	186.34	186.14	186.30	186.36
16	186.35	186.47	186.35	186.71	186.39	186.43	186.65	186.54	186.32	186.27	186.15	186.31
17	186.37	186.24	186.36	186.36	186.18	186.16	186.46	186.74	186.39	186.33	186.10	186.40
18	186.50	186.25	186.43	186.46	186.24	186.30	186.54	186.90	186.32	186.34	186.15	186.34
19	186.50	186.40	186.57	186.46	186.27	187.45	186.47	186.72	186.08	186.30	186.21	186.30
20	186.32	186.51	186.56	186.55	186.33	187.62	186.59	186.63	186.22	186.32	186.24	186.30
21	186.41	186.37	186.33	186.47	186.47	186.93	186.51	186.57	186.24	186.38	186.27	186.18
22	186.48	186.54	186.36	186.59	186.32	186.75	186.41	185.99	186.35	186.40	186.16	186.33
23	186.49	186.52	186.30	186.51	186.57	186.49	186.24	186.25	186.45	186.20	186.16	186.46
24	186.27	186.50	186.38	186.51	186.47	186.63	186.48	186.55	186.53	186.09	186.22	186.42
25	186.13	186.51	186.56	186.39	186.48	186.50	186.48	186.60	186.54	186.28	186.32	186.46
26	186.32	186.55	186.51	186.38	186.49	186.21	186.64	186.53	186.50	186.25	186.45	186.34
27	186.44	186.33	186.69	186.39	186.24	186.37	186.62	186.59	186.32	186.21	186.48	186.28
28	186.56	186.37	186.61	186.55	186.35	186.24	186.55	186.60	186.22	186.15	186.47	186.21
29	186.66	186.43	186.52	186.88	186.40	186.54	186.58	186.67	186.24	185.97	186.38	186.16
30	186.73	186.47	186.55	186.47	---	186.47	186.62	186.72	186.26	186.29	186.18	185.99
31	186.71	---	186.57	186.40	---	186.47	---	186.61	---	186.28	186.09	---
MEAN	186.48	186.50	186.49	186.50	186.41	186.62	186.79	186.58	186.41	186.24	186.26	186.32
MAX	186.76	186.80	186.69	186.91	186.57	187.95	188.69	186.90	186.76	186.40	186.48	186.54
MIN	186.13	186.20	186.30	186.28	186.18	186.16	186.24	185.99	186.08	185.97	186.09	185.99

CAL YR 1999 MEAN 186.46 MAX 187.60 MIN 186.00
WTR YR 2000 MEAN 186.47 MAX 188.69 MIN 185.97

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
OCT											
06...	1345	24.0	28.5	763	291	234	229	7.6	90	7.3	7.3
NOV											
30...	1310	15.9	14.0	775	531	290	289	7.6	76	7.7	7.4
DEC											
14...	1100	14.6	--	762	2950	325	324	7.6	75	7.5	7.7
JAN											
26...	1230	10.5	4.0	767	5250	408	410	7.1	63	7.5	7.7
FEB											
23...	1300	11.1	22.5	767	0	265	276	11.9	107	8.0	7.4
MAR											
30...	1315	15.4	20.5	757	10600	159	164	7.7	78	6.3	7.2
APR											
19...	1230	16.3	22.5	761	11700	191	198	8.3	85	6.9	7.6
MAY											
09...	1330	22.4	29.0	765	926	239	244	8.4	97	7.2	7.2
JUN											
13...	1245	27.7	31.5	764	1530	344	342	8.4	107	7.6	7.8
JUL											
17...	1345	30.6	34.5	760	1810	359	365	7.2	97	7.3	8.1
AUG											
15...	1200	29.1	--	766	1410	306	305	9.4	122	7.4	7.2
SEP											
13...	1115	28.1	30.5	760	1660	311	309	4.2	54	7.6	7.8

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)
OCT											
06...	0	53	43	--	--	.52	.65	--	--	<.020	<.010
NOV											
30...	0	67	55	--	--	.68	.65	--	--	<.020	<.010
DEC											
14...	0	71	58	--	--	.85	.76	.25	.17	.036	<.010
JAN											
26...	0	88	72	--	--	1.4	1.3	.25	.18	.070	.027
FEB											
23...	0	59	48	--	--	1.3	1.1	--	--	<.020	.010
MAR											
30...	31	31	25	--	--	1.2	1.1	.31	.17	.076	<.010
APR											
19...	0	38	31	K4	K7	.93	.82	--	--	<.020	<.010
MAY											
09...	0	49	40	--	--	.82	.74	--	--	<.020	<.010
JUN											
13...	0	78	64	--	K3	.79	.70	--	--	<.020	<.010
JUL											
17...	0	89	73	--	K5	.50	.34	--	--	<.020	<.010
AUG											
15...	0	76	62	--	<2	--	--	.33	.19	.033	<.010
SEP											
13...	0	77	63	--	<2	.54	.41	.29	.17	.125	<.010

02462501 BLACK WARRIOR RIVER BELOW BANKHEAD LOCK AND DAM NEAR BESSEMER, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
OCT											
06...	--	.36	.23	.294	--	--	--	.043	.033	.017	.014
NOV											
30...	--	.11	.14	.539	--	--	--	--	.022	.015	<.010
DEC											
14...	--	.20	.29	.557	.05	--	--	--	.023	.014	<.010
JAN											
26...	1.07	.25	.32	1.10	.09	4.75	.089	.071	.055	.043	.023
FEB											
23...	.921	.14	.33	.931	--	4.08	.033	--	.042	.011	<.010
MAR											
30...	--	.25	.39	.838	.10	--	--	.037	.048	.014	.012
APR											
19...	--	.11	.22	.709	--	--	--	--	.048	E.004	<.010
MAY											
09...	--	.13	.21	.612	--	--	--	--	.015	<.006	<.010
JUN											
13...	--	.21	.30	.491	--	--	--	--	.015	E.004	<.010
JUL											
17...	--	.18	.35	.158	--	--	--	--	.020	E.004	<.010
AUG											
15...	--	.22	.37	<.050	.04	--	--	--	.018	E.004	<.010
SEP											
13...	--	.29	.42	.120	.16	--	--	--	.029	.016	<.010

DATE	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
OCT										
06...	2.4	.5	66	23	14.2	7.42	17.5	.9	36	2.5
NOV										
30...	2.3	.3	82	27	17.8	9.05	23.1	1	37	3.0
DEC										
14...	2.4	.2	93	34	19.9	10.4	26.2	1	37	3.2
JAN										
26...	2.5	.2	140	66	29.5	15.7	26.9	1	29	3.8
FEB										
23...	2.1	.4	91	43	19.3	10.5	14.4	.7	25	2.6
MAR										
30...	3.3	.7	56	--	11.6	6.48	5.9	.3	18	2.3
APR										
19...	2.0	.3	70	38	14.0	8.38	6.6	.3	17	2.0
MAY										
09...	1.9	.4	87	47	17.6	10.6	10.7	.5	20	2.0
JUN										
13...	2.3	.8	120	54	23.1	14.5	21.1	.8	28	2.6
JUL										
17...	2.8	.8	110	41	22.9	13.8	25.7	1	32	3.3
AUG										
15...	2.8	.6	90	28	18.8	10.5	22.5	1	34	2.9
SEP										
13...	2.6	.5	92	28	19.2	10.6	24.8	1	36	3.1

02462501 BLACK WARRIOR RIVER BELOW BANKHEAD LOCK AND DAM NEAR BESSEMER, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT										
06...	8.3	42.9	.1	3.3	<10	13	134	124	105	.18
NOV										
30...	11.2	57.3	.2	2.9	<10	1	160	160	229	.22
DEC										
14...	13.2	66.4	.2	2.9	<10	30	187	180	1490	.25
JAN										
26...	10.3	101	.2	4.1	<10	3	249	240	3530	.34
FEB										
23...	6.0	62.3	<.1	5.3	E10	<2	162	153	--	.22
MAR										
30...	2.9	35.7	.5	5.9	30	57	97	122	2780	.13
APR										
19...	2.9	47.8	<.1	5.1	10	146	119	109	3760	.16
MAY										
09...	3.7	59.6	<.1	4.2	<10	<2	145	135	363	.20
JUN										
13...	6.4	88.1	.1	2.4	<10	E1	209	199	863	.28
JUL										
17...	7.5	90.8	.2	1.8	<10	<2	211	210	1030	.29
AUG										
15...	7.9	66.9	.2	2.0	370	E1	181	169	689	.25
SEP										
13...	9.3	62.5	.2	2.4	<10	16	175	171	784	.24

DATE	TIME	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	LEAD, DISSOLVED (UG/L AS PB) (01049)
NOV									
30...	1310	E1.4	37	<1	<1.0	<.8	<1	<1	<1

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV								
30...	5	1	<1	<1	<1	1	<2.4	<1

MOBILE RIVER BASIN

02462501 BLACK WARRIOR RIVER BELOW BANKHEAD LOCK AND DAM NEAR BESSEMER, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
APR											
19...	<.007	<.002	.018	E.008	<.004	<.003	<.002	<.006	<.004	<.004	<.001
MAY											
09...	<.007	<.002	.015	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUN											
13...	<.007	<.002	.014	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUL											
17...	<.007	<.002	.016	E.009	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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)	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)
APR											
19...	.006	<.005	<.004	.005	<.002	<.002	<.004	<.003	<.002	<.004	<.002
MAY											
09...	.006	<.005	<.004	E.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUN											
13...	.007	<.005	<.004	E.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUL											
17...	.005	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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)	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)
APR											
19...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
MAY											
09...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUN											
13...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUL											
17...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003

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)
APR											
19...	<.017	<.001	<.004	E.010	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAY											
09...	<.017	<.001	<.004	E.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUN											
13...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	--	<.001	<.005
JUL											
17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.100	<.001	<.005

02462501 BLACK WARRIOR RIVER BELOW BANKHEAD LOCK AND DAM NEAR BESSEMER, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
06...	1345	291	4	3.1	79
NOV					
30...	1310	531	3	4.3	83
DEC					
14...	1100	2950	4	32	80
JAN					
26...	1230	5250	5	71	93
FEB					
23...	1300	.00	4	--	65
MAR					
30...	1315	10600	8	229	95
APR					
19...	1230	11700	6	190	87
MAY					
09...	1330	926	3	7.5	82
JUN					
13...	1245	1530	2	8.3	73
JUL					
17...	1345	1810	3	15	71
AUG					
15...	1200	1410	2	7.6	73
SEP					
13...	1115	1660	3	13	58

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 NW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	0	1540	0	5430	4610	6020	4860	2380	1570	2620	0
2	200	0	1520	632	4560	3490	42400	4140	2780	1430	2460	0
3	150	0	0	1180	3410	3040	94400	4280	1190	1380	3160	0
4	1240	1310	0	4980	3160	1970	128000	2020	0	1170	1390	1860
5	150	1120	244	5060	2060	3520	90800	1570	1890	1220	0	1380
6	123	0	2090	4000	1500	2890	62000	396	1820	1690	0	1420
7	91	187	1080	1900	4900	2270	32500	575	1570	1890	2020	1390
8	545	1980	1240	1880	3570	1950	21000	3220	1350	929	1800	1490
9	1150	954	0	3200	1170	1620	21700	1450	1790	0	1260	0
10	1370	0	679	8360	969	60700	18700	1030	1240	1900	1450	0
11	3260	0	0	9580	2660	98800	18800	1300	0	1580	2430	897
12	100	0	724	5040	6	56800	20300	2120	1500	1800	0	979
13	950	0	5140	2280	2380	19200	19000	1870	2060	1580	0	1750
14	50	0	3310	3140	4880	12000	9810	1840	1420	670	2000	1320
15	638	906	3300	6	3910	9880	10200	907	1430	0	1530	1800
16	2020	1320	1500	3120	4090	7100	15200	77	1940	0	1660	0
17	50	1290	2080	2250	3240	4010	17400	0	691	1700	1260	0
18	0	0	0	1700	2220	3640	17300	610	675	1490	1450	1510
19	2090	0	279	3910	2190	55600	12000	933	926	1070	0	1220
20	171	1420	3490	2540	0	84500	8650	1700	1480	1910	0	1750
21	50	0	0	2660	3390	62600	8780	2540	2600	2540	1510	1210
22	0	1240	2620	1730	1190	26900	5700	1140	2330	0	931	1300
23	980	0	2210	6240	0	17500	3860	0	1960	0	673	1530
24	945	2660	497	7840	2470	16000	3290	0	958	1870	956	0
25	507	0	806	6610	1410	15100	3890	1470	1140	2310	1370	1830
26	100	518	0	5890	3450	13200	900	2220	2010	1880	0	424
27	100	0	0	4770	3240	18500	6020	2440	2220	1300	0	0
28	300	0	999	5350	7080	9160	5210	1510	1840	1090	1270	0
29	300	0	0	4980	4670	6640	5580	1690	1610	0	1580	1800
30	200	482	1030	9440	---	7580	4420	2280	1460	0	1800	1190
31	0	---	0	6350	---	8680	---	2240	---	2610	717	---
TOTAL	17930	15387	36378	126618	83205	639450	713830	52428	46260	38579	37297	28050
MEAN	578	513	1173	4084	2869	20630	23790	1691	1542	1244	1203	935
MAX	3260	2660	5140	9580	7080	98800	128000	4860	2780	2610	3160	1860
MIN	0	0	0	0	0	1620	900	0	0	0	0	0
CFSM	.14	.12	.28	.97	.68	4.89	5.64	.40	.37	.29	.29	.22
IN.	.16	.14	.32	1.12	.73	5.64	6.29	.46	.41	.34	.33	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2000, BY WATER YEAR (WY)

MEAN	2512	4281	7948	13350	13960	16010	12460	6624	4381	3661	2291	2309
MAX	12840	12900	27650	26030	46480	38490	32050	31300	24760	17140	4800	5703
(WY)	1978	1978	1984	1998	1990	1980	1979	1991	1997	1989	1985	1979
MIN	247	484	1173	2181	2869	3060	952	888	1249	1244	1203	935
(WY)	1988	1982	2000	1981	2000	1988	1986	1992	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1977 - 2000	
ANNUAL TOTAL	2162467		1835412			
ANNUAL MEAN	5925		5015		7451	
HIGHEST ANNUAL MEAN					11270	1989
LOWEST ANNUAL MEAN					2879	1988
HIGHEST DAILY MEAN	75900	Jan 31	128000	Apr 4	178000	Apr 13 1979
LOWEST DAILY MEAN	* 0	Several days	* 0	Several days	* 0	Many days
ANNUAL SEVEN-DAY MINIMUM	114	Oct 28	114	Oct 28	41	Oct 12 1987
INSTANTANEOUS PEAK STAGE			187.40	Jan 29	190.19	Dec 3 1983
ANNUAL RUNOFF (CFSM)	1.40		1.19		1.77	
ANNUAL RUNOFF (INCHES)	19.07		16.18		24.00	
10 PERCENT EXCEEDS	13700		8890		17000	
50 PERCENT EXCEEDS	2650		1540		3470	
90 PERCENT EXCEEDS	50		0		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 NW$^1/_4$ 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 mi^2.
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, 148.25 ft, Apr. 3; minimum elevation, 122.79 ft, July 15.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123.15	123.66	123.57	123.12	124.72	124.56	124.85	124.42	123.79	123.54	123.83	123.55
2	123.17	123.93	123.59	123.38	124.74	124.25	129.76	124.25	123.90	123.51	123.79	123.15
3	123.16	123.56	123.17	123.37	124.28	124.13	140.51	124.40	123.49	123.49	123.96	123.17
4	123.56	123.57	123.05	124.57	124.19	124.09	145.82	123.76	123.12	123.50	123.65	123.61
5	123.28	123.60	123.21	124.62	123.97	124.28	140.90	123.83	123.69	123.52	123.19	123.55
6	123.15	123.22	123.58	124.28	123.78	123.98	134.06	123.72	123.63	123.57	123.16	123.53
7	123.14	123.22	123.54	123.87	124.44	123.89	128.70	123.37	123.58	123.61	123.64	123.53
8	123.13	123.74	123.52	123.77	124.17	123.78	127.73	123.99	123.52	123.43	123.67	123.49
9	123.50	123.46	123.11	124.12	123.68	123.71	127.42	123.65	123.63	123.16	123.52	123.20
10	123.70	123.18	123.40	125.45	123.59	126.50	127.21	123.41	123.51	123.59	123.59	123.07
11	124.13	123.13	123.21	125.65	123.85	137.30	126.76	123.54	123.20	123.59	123.78	123.40
12	123.18	123.17	123.40	124.77	123.28	132.44	127.10	123.75	123.45	123.65	123.24	123.45
13	123.39	123.15	124.48	123.92	123.88	127.22	126.72	123.74	123.69	123.59	123.10	123.62
14	123.19	123.13	124.23	124.16	124.49	125.92	125.69	123.72	123.59	123.40	123.67	123.60
15	123.36	123.42	124.10	123.40	124.26	125.61	125.80	123.43	123.65	123.28	123.65	123.62
16	123.75	123.49	123.72	123.97	124.30	125.14	126.17	123.24	123.70	123.15	123.59	123.15
17	123.16	123.63	123.65	123.99	124.06	124.72	125.71	123.18	123.37	123.49	123.57	123.11
18	123.13	123.12	123.11	123.71	123.99	124.29	125.58	123.26	123.31	123.62	123.56	123.50
19	123.64	123.09	123.27	124.25	123.96	131.67	125.52	123.51	123.50	123.54	123.24	123.59
20	123.27	123.51	124.05	123.88	123.35	138.61	125.49	123.56	123.56	123.65	123.14	123.71
21	123.14	123.25	123.23	124.04	124.00	132.77	125.41	123.82	123.84	123.83	123.50	123.57
22	123.20	123.38	123.85	123.72	123.68	127.58	124.76	123.42	123.83	123.14	123.43	123.59
23	123.45	123.26	123.90	124.71	123.24	126.26	124.37	123.15	123.71	123.16	123.39	123.56
24	123.47	123.86	123.35	125.19	123.86	125.63	124.29	123.10	123.44	123.67	123.42	123.29
25	123.39	123.19	123.39	124.98	123.67	125.41	124.28	123.66	123.50	123.75	123.56	123.69
26	123.12	123.31	123.24	124.59	124.04	125.08	123.90	123.75	123.65	123.66	123.20	123.53
27	123.08	123.16	123.09	124.56	124.33	125.30	124.35	123.86	123.77	123.49	123.06	123.47
28	123.23	123.12	123.51	124.53	125.07	125.10	124.59	123.65	123.63	123.46	123.48	123.48
29	123.23	123.16	123.20	124.91	124.46	124.87	124.51	123.61	123.57	123.19	123.56	123.58
30	123.21	123.35	123.50	126.15	---	125.17	124.51	123.75	123.55	123.12	123.68	123.46
31	123.24	---	123.13	125.15	---	125.63	---	123.76	---	123.81	123.38	---
MEAN	123.32	123.37	123.50	124.35	124.05	126.61	127.75	123.65	123.58	123.49	123.49	123.46
MAX	124.13	123.93	124.48	126.15	125.07	138.61	145.82	124.42	123.90	123.83	123.96	123.71
MIN	123.08	123.09	123.05	123.12	123.24	123.71	123.90	123.10	123.12	123.12	123.06	123.07

CAL YR 1999	MEAN 124.50	MAX 136.79	MIN 123.05
WTR YR 2000	MEAN 124.21	MAX 145.82	MIN 123.05

MOBILE RIVER BASIN

02464000 NORTH RIVER NEAR SAMANTHA, AL

LOCATION.--Lat 33°28'45", long 87°35'50", in SW$^1/_4$ 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 mi^2.
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: Aug. 22, 23, 26-28, 30, 31, Sept. 19, 20, 23, 25. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.3	22	9.7	24	421	258	656	160	19	11	5.1	2.0
2	3.8	98	9.4	22	298	211	4600	150	16	9.1	26	2.8
3	3.6	91	12	25	234	186	10300	143	14	8.2	12	3.2
4	4.6	47	9.8	1130	202	204	10600	143	13	7.5	6.9	2.0
5	4.6	28	12	477	166	211	3360	134	32	6.8	5.0	1.5
6	2.9	18	15	193	143	176	1330	127	74	6.1	21	1.4
7	2.1	13	15	133	128	156	904	118	52	6.0	14	1.4
8	2.0	12	16	103	117	140	860	108	33	5.6	8.2	1.9
9	5.6	11	18	121	108	136	696	103	24	5.4	6.3	1.7
10	74	9.8	31	580	102	1140	545	97	18	5.2	5.4	1.5
11	72	11	34	390	98	11400	463	92	14	5.2	5.2	1.6
12	38	11	40	224	96	5040	420	89	13	5.0	4.6	1.8
13	22	11	66	167	94	1130	463	80	11	4.4	4.2	2.5
14	13	11	93	138	153	691	570	71	11	3.9	4.1	2.0
15	8.5	10	64	112	161	485	489	62	12	3.9	3.7	1.6
16	6.3	9.0	45	99	131	399	429	54	12	4.8	3.0	1.3
17	5.7	11	31	106	119	350	375	46	11	4.2	2.7	1.2
18	4.8	11	27	140	111	279	324	41	13	4.0	2.5	1.2
19	4.6	14	34	160	136	1860	289	36	42	3.3	2.2	e1.1
20	5.3	15	45	156	157	4900	263	37	46	4.5	1.6	e1.1
21	5.1	27	49	134	136	1720	271	72	33	6.0	1.4	1.2
22	4.6	27	83	116	125	873	239	62	37	4.6	e1.3	1.2
23	4.1	23	95	171	117	611	221	47	27	4.1	e1.3	e1.1
24	3.8	17	73	298	110	468	248	37	20	3.4	1.4	1.1
25	4.0	16	55	222	104	379	249	32	18	3.1	1.4	e1.0
26	4.2	16	44	171	98	365	207	29	17	2.8	e1.3	1.3
27	4.9	17	39	139	346	398	185	28	14	2.3	e1.3	1.5
28	5.2	15	32	151	541	420	193	28	13	1.8	e1.3	1.6
29	6.6	16	28	1030	338	337	208	28	13	1.5	1.4	1.4
30	6.5	12	27	1340	---	1340	179	24	12	3.6	e1.3	1.2
31	7.2	---	26	717	---	1260	---	21	---	5.7	e1.2	---
TOTAL	343.9	649.8	1177.9	8989	5090	37523	40136	2299	684	153.0	158.3	47.4
MEAN	11.1	21.7	38.0	290	176	1210	1338	74.2	22.8	4.94	5.11	1.58
MAX	74	98	95	1340	541	11400	10600	160	74	11	26	3.2
MIN	2.0	9.0	9.4	22	94	136	179	21	11	1.5	1.2	1.0
CFSM	.05	.10	.17	1.30	.79	5.43	6.00	.33	.10	.02	.02	.01
IN.	.06	.11	.20	1.50	.85	6.26	6.70	.38	.11	.03	.03	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

MEAN	75.6	187	424	766	846	914	661	319	148	124	65.6	68.7
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	2.36	8.72	24.8	82.0	176	134	63.9	41.8	10.0	4.23	3.27	.34
(WY)	1988	1954	1944	1944	2000	1988	1986	1941	1941	1954	1988	1954

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	93878.7		97251.3			
ANNUAL MEAN	257		266		380	
HIGHEST ANNUAL MEAN					684	1983
LOWEST ANNUAL MEAN					109	1988
HIGHEST DAILY MEAN	7270	Jan 31	11400	Mar 11	22600	Mar 20 1970
LOWEST DAILY MEAN	2.0	Oct 8	1.0	Sep 25	.10	Sep 5 1954
ANNUAL SEVEN-DAY MINIMUM	2.4	Sep 16	1.1	Sep 19	.14	Sep 3 1954
INSTANTANEOUS PEAK FLOW			12900	Mar 11	25500	Mar 20 1970
INSTANTANEOUS PEAK STAGE			22.35	Mar 11	35.08	Mar 20 1970
ANNUAL RUNOFF (CFSM)	1.15		1.19		1.70	
ANNUAL RUNOFF (INCHES)	15.66		16.22		23.15	
10 PERCENT EXCEEDS	572		423		888	
50 PERCENT EXCEEDS	63		27		112	
90 PERCENT EXCEEDS	4.1		1.8		11	

e Estimated

MOBILE RIVER BASIN

02464146 TURKEY CREEK NEAR TUSCALOOSA, AL

LOCATION.--Lat 33°24'48", long 87°30'38", in NE$^1/_4$ 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 mi^2.
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: Dec. 5-20, Jan. 17 to Feb. 7. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	32	2.2	2.4	e7.0	5.6	6.7	5.3	1.4	1.8	1.8	5.0
2	1.4	7.1	2.3	2.4	e5.8	4.7	334	5.3	1.4	1.7	1.8	2.1
3	1.4	3.1	2.4	3.3	e5.3	5.0	333	5.1	1.4	1.6	1.8	1.7
4	2.0	2.6	2.5	25	e5.0	5.0	99	5.1	1.6	1.5	5.7	1.7
5	1.4	2.3	e2.6	6.0	e4.8	4.1	45	4.5	3.4	1.5	2.8	2.1
6	1.3	2.2	e2.8	4.4	e4.5	3.8	30	4.3	2.2	1.4	1.8	1.3
7	1.4	2.3	e2.9	3.5	e4.1	3.6	23	4.2	1.7	1.4	1.6	1.8
8	2.0	2.3	e2.8	3.5	4.0	3.5	25	3.8	1.6	1.3	1.5	3.6
9	5.5	2.4	e3.5	8.7	3.7	3.6	18	3.9	1.4	1.3	4.5	4.1
10	11	2.4	e8.0	30	3.6	54	16	3.7	1.4	1.3	2.8	3.4
11	2.3	2.4	e6.0	9.3	3.6	72	14	3.7	1.3	1.4	1.8	2.5
12	1.9	2.3	e5.0	6.5	3.5	24	17	3.5	1.2	1.2	1.5	2.4
13	1.9	2.4	e10	5.6	4.8	15	16	3.3	1.2	1.4	1.4	2.1
14	1.9	2.5	e6.0	4.1	5.9	11	14	3.0	1.3	1.3	1.3	1.7
15	1.8	2.4	e5.0	3.7	3.8	9.3	13	2.6	1.3	1.4	1.3	1.4
16	1.9	2.4	e4.5	3.6	3.7	9.7	12	2.5	2.3	3.2	1.3	1.4
17	1.8	2.5	e4.2	e4.1	3.6	7.6	11	2.5	1.9	1.4	1.3	1.5
18	1.7	2.5	e4.5	e4.0	3.8	6.5	9.6	2.5	1.6	1.4	1.4	1.5
19	1.6	2.6	e5.0	e3.9	3.9	207	8.8	2.5	1.6	1.4	1.6	1.5
20	1.7	4.9	e3.9	e4.2	3.2	68	8.7	2.9	1.6	14	1.5	1.4
21	1.6	2.6	5.7	e3.9	3.1	30	9.4	3.4	1.4	3.6	1.5	2.5
22	1.6	2.4	4.6	e3.8	3.0	20	7.7	2.5	1.4	1.9	1.3	2.0
23	1.6	2.3	3.5	e9.5	3.0	15	7.8	2.2	1.2	1.8	1.3	1.9
24	1.6	2.4	3.0	e7.5	2.9	12	8.3	2.1	1.1	1.7	1.4	2.0
25	1.7	2.5	2.7	e5.5	2.7	10	7.0	2.0	1.1	1.6	1.3	2.0
26	1.8	2.5	2.5	e4.9	2.8	9.4	6.3	2.1	4.2	1.6	1.5	1.9
27	1.8	2.3	2.5	e4.4	23	9.4	6.1	1.9	4.0	1.5	1.7	1.4
28	1.8	2.3	2.4	e9.5	8.9	7.5	7.0	2.0	2.4	1.4	2.1	1.4
29	1.7	2.3	2.3	e28	6.5	6.7	5.9	1.6	2.4	2.7	2.2	1.4
30	1.7	2.2	2.3	e17	---	9.0	5.5	1.6	2.1	6.9	2.3	1.2
31	1.9	---	2.3	e9.2	---	6.6	---	1.4	---	3.0	2.6	---
TOTAL	66.1	109.4	119.9	241.4	143.5	658.6	1124.8	97.0	54.1	70.6	59.7	61.9
MEAN	2.13	3.65	3.87	7.79	4.95	21.2	37.5	3.13	1.80	2.28	1.93	2.06
MAX	11	32	10	30	23	207	334	5.3	4.2	14	5.7	5.0
MIN	1.3	2.2	2.2	2.4	2.7	3.5	5.5	1.4	1.1	1.2	1.3	1.2
CFSM	.35	.59	.63	1.26	.80	3.45	6.09	.51	.29	.37	.31	.33
IN.	.40	.66	.72	1.46	.87	3.98	6.79	.59	.33	.43	.36	.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2000, BY WATER YEAR (WY)

MEAN	3.50	6.62	12.5	18.2	17.7	16.6	14.2	9.62	6.66	5.70	2.91	2.62
MAX	7.86	13.6	59.3	31.3	45.8	25.1	37.5	36.9	21.3	15.1	5.71	5.61
(WY)	1996	1996	1984	1990	1990	1990	2000	1983	1989	1996	1994	1996
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1981 - 2000	
ANNUAL TOTAL	2997.30		2807.0			
ANNUAL MEAN	8.21		7.67		9.82	
HIGHEST ANNUAL MEAN					16.1	1983
LOWEST ANNUAL MEAN					3.57	1988
HIGHEST DAILY MEAN	164	Jan 31	334	Apr 2	819	Dec 3 1983
LOWEST DAILY MEAN	.90	Aug 21, 22	1.1	Jun 24, 25	.55	Jun 29 1988
ANNUAL SEVEN-DAY MINIMUM	.93	Aug 17	1.3	Jun 9	.61	Aug 27 1988
INSTANTANEOUS PEAK FLOW			2500	Apr 2	3500	Dec 3 1983
INSTANTANEOUS PEAK STAGE			10.28	Apr 2	11.98	Dec 3 1983
ANNUAL RUNOFF (CFSM)	1.33		1.25		1.59	
ANNUAL RUNOFF (INCHES)	18.10		16.95		21.67	
10 PERCENT EXCEEDS	17		10		20	
50 PERCENT EXCEEDS	3.5		2.6		4.6	
90 PERCENT EXCEEDS	1.3		1.4		1.5	

e Estimated

02464360 BINION CREEK BELOW GIN CREEK NEAR SAMANTHA, AL

LOCATION.--Lat 33°25'29", long 87°38'33", in SW$^1/_4$ 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 mi^2.
PERIOD OF RECORD.--October 1986 to current year.
GAGE.--Water-stage recorder. Altitude of gage is 230 ft, from topographic map.
REMARKS.--Estimated daily discharges: Apr. 4-18. Water-discharge records good except those of estimated period 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	77	28	30	66	41	59	41	17	16	17	7.0
2	19	113	28	30	56	37	870	39	16	14	53	10
3	18	60	29	36	51	36	2390	39	15	12	21	8.6
4	18	38	29	390	47	46	e1400	36	16	11	23	7.6
5	17	32	31	141	44	39	e500	35	48	11	63	7.0
6	17	30	36	62	41	35	e250	33	60	11	27	7.6
7	17	29	32	48	41	32	e170	31	30	10	16	8.7
8	17	29	30	44	40	30	e130	29	21	12	13	13
9	42	28	30	97	38	29	e105	28	19	10	12	17
10	154	28	67	178	37	247	e95	28	17	9.6	12	15
11	88	29	50	93	37	2130	e92	28	16	9.4	12	12
12	37	28	40	60	36	497	e90	26	15	8.4	11	11
13	27	29	117	54	37	210	e130	25	15	8.2	9.6	11
14	25	29	64	47	67	146	e120	23	17	9.0	9.0	10
15	23	29	42	42	46	113	e100	22	16	8.4	8.7	8.8
16	22	28	35	40	40	110	e85	21	16	8.5	8.4	7.6
17	22	28	32	46	37	111	e75	21	18	7.9	8.1	7.1
18	21	28	35	45	37	84	e74	21	18	7.6	7.6	7.5
19	21	28	61	43	42	584	78	21	31	7.9	7.1	7.3
20	21	47	48	47	37	707	64	25	31	7.8	7.0	7.9
21	21	48	57	40	34	284	69	44	22	15	6.6	9.2
22	21	37	59	39	32	167	57	30	18	12	6.6	9.5
23	21	33	44	96	31	122	54	24	17	10	6.6	9.6
24	20	32	37	68	31	98	89	22	15	9.6	6.7	9.8
25	21	34	34	50	30	82	64	21	14	9.0	6.7	11
26	22	38	32	43	29	76	52	21	14	9.4	6.6	11
27	22	34	32	40	115	80	47	20	13	15	7.1	9.8
28	22	31	32	83	74	70	52	21	16	11	7.3	9.5
29	22	29	31	289	47	61	50	20	26	9.4	7.1	8.9
30	22	28	30	160	---	77	45	18	21	19	6.7	8.6
31	22	---	30	90	---	69	---	17	---	28	6.2	---
TOTAL	884	1111	1282	2571	1300	6450	7456	830	628	347.1	419.7	288.6
MEAN	28.5	37.0	41.4	82.9	44.8	208	249	26.8	20.9	11.2	13.5	9.62
MAX	154	113	117	390	115	2130	2390	44	60	28	63	17
MIN	17	28	28	30	29	29	45	17	13	7.6	6.2	7.0
CFSM	.50	.65	.72	1.45	.78	3.64	4.34	.47	.37	.20	.24	.17
IN.	.57	.72	.83	1.67	.85	4.19	4.85	.54	.41	.23	.27	.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2000, BY WATER YEAR (WY)

MEAN	38.4	74.2	88.4	171	160	149	121	68.5	67.5	67.2	32.2	31.2
MAX	68.3	131	138	290	375	228	287	293	242	183	60.9	49.8
(WY)	1996	1996	1997	1999	1990	1990	1991	1991	1989	1989	1996	1988
MIN	16.3	34.3	39.8	68.4	44.8	48.2	50.8	17.9	10.8	11.2	12.5	9.62
(WY)	1988	1988	1988	1988	2000	1988	1987	1988	1988	2000	1987	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1987 - 2000	
ANNUAL TOTAL	29027		23567.4			
ANNUAL MEAN	79.5		64.4		88.7	
HIGHEST ANNUAL MEAN					123	1991
LOWEST ANNUAL MEAN					38.8	1988
HIGHEST DAILY MEAN	2430	Jan 31	2390	Apr 3	3000	Feb 16 1990
LOWEST DAILY MEAN	12	Aug 21, 22	6.2	Aug 31	6.2	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	13	Aug 18	6.7	Aug 20	6.7	Aug 20 2000
INSTANTANEOUS PEAK FLOW			4010	Apr 3	7230	Feb 16 1990
INSTANTANEOUS PEAK STAGE			13.15	Apr 3	15.19	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.39		1.13		1.55	
ANNUAL RUNOFF (INCHES)	18.88		15.33		21.06	
10 PERCENT EXCEEDS	153		95		170	
50 PERCENT EXCEEDS	37		29		49	
90 PERCENT EXCEEDS	15		8.7		19	

e Estimated

MOBILE RIVER BASIN

02464800 LAKE TUSCALOOSA NEAR TUSCALOOSA, AL

LOCATION.--Lat 33°16'02", long 87°30'22", in NW$^1/_4$ 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 mi^2.
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, 220.12 ft, Sept. 30, 2000.
EXTREMES FOR CURRENT WATER YEAR.--Maximum elevation, 228.05 ft, Apr. 3; minimum elevation, 220.12 ft, Sept. 30.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	221.26	221.14	221.47	222.75	224.09	223.77	224.08	223.57	223.03	222.65	221.89	220.94
2	221.22	221.36	221.46	222.77	223.95	223.73	224.87	223.55	223.00	222.62	221.88	220.93
3	221.19	221.39	221.45	222.78	223.85	223.68	227.63	223.54	222.97	222.59	221.88	220.92
4	221.19	221.40	221.46	223.26	223.78	223.69	227.79	223.52	222.93	222.56	221.88	220.89
5	221.16	221.39	221.47	223.68	223.71	223.66	226.49	223.50	222.96	222.54	221.89	220.86
6	221.11	221.38	221.49	223.71	223.65	223.64	225.22	223.49	223.00	222.51	221.88	220.82
7	221.07	221.37	221.49	223.66	223.62	223.61	224.66	223.47	222.98	222.47	221.86	220.79
8	221.04	221.37	221.49	223.62	223.60	223.59	224.42	223.45	222.96	222.43	221.84	220.76
9	221.10	221.36	221.49	223.65	223.57	223.57	224.26	223.43	222.93	222.38	221.82	220.75
10	221.32	221.36	221.56	223.88	223.55	223.78	224.13	223.43	222.90	222.36	221.79	220.73
11	221.41	221.37	221.59	223.96	223.54	226.09	224.02	223.41	222.89	222.33	221.78	220.71
12	221.42	221.37	221.62	223.88	223.54	226.54	224.01	223.40	222.86	222.29	221.73	220.69
13	221.42	221.36	221.90	223.81	223.53	225.26	223.98	223.40	222.82	222.26	221.69	220.67
14	221.41	221.36	222.01	223.71	223.61	224.59	223.99	223.38	222.77	222.24	221.65	220.65
15	221.38	221.37	222.06	223.64	223.61	224.26	223.98	223.35	222.74	222.20	221.61	220.62
16	221.36	221.35	222.09	223.60	223.60	224.09	223.94	223.32	222.73	222.18	221.58	220.57
17	221.35	221.33	222.11	223.59	223.58	223.99	223.90	223.29	222.76	222.14	221.54	220.52
18	221.32	221.31	222.15	223.58	223.57	223.88	223.86	223.26	222.75	222.10	221.50	220.48
19	221.28	221.31	222.23	223.58	223.59	224.40	223.81	223.25	222.74	222.07	221.47	220.44
20	221.25	221.37	222.29	223.60	223.57	225.79	223.77	223.24	222.74	222.06	221.43	220.40
21	221.21	221.41	222.39	223.57	223.56	225.35	223.76	223.25	222.72	222.13	221.36	220.39
22	221.18	221.42	222.45	223.55	223.54	224.72	223.72	223.26	222.72	222.10	221.31	220.36
23	221.15	221.44	222.52	223.64	223.53	224.36	223.69	223.24	222.71	222.08	221.27	220.35
24	221.11	221.45	222.59	223.71	223.52	224.15	223.69	223.22	222.68	222.04	221.24	220.34
25	221.07	221.47	222.62	223.71	223.51	224.01	223.69	223.20	222.67	222.00	221.21	220.34
26	221.04	221.48	222.65	223.67	223.50	223.93	223.66	223.19	222.66	221.95	221.16	220.30
27	221.02	221.48	222.68	223.63	223.66	223.90	223.63	223.17	222.68	221.91	221.12	220.25
28	221.01	221.49	222.69	223.66	223.80	223.88	223.62	223.17	222.67	221.89	221.08	220.22
29	221.00	221.49	222.70	223.99	223.81	223.84	223.61	223.15	222.68	221.87	221.05	220.18
30	220.99	221.48	222.71	224.30	---	223.88	223.59	223.10	222.66	221.91	221.01	220.14
31	220.99	---	222.73	224.24	---	224.14	---	223.06	---	221.91	220.97	---
MEAN	221.19	221.39	222.05	223.63	223.64	224.25	224.32	223.33	222.81	222.22	221.53	220.57
MAX	221.42	221.49	222.73	224.30	224.09	226.54	227.79	223.57	223.03	222.65	221.89	220.94
MIN	220.99	221.14	221.45	222.75	223.50	223.57	223.59	223.06	222.66	221.87	220.97	220.14

WTR YR 2000 MEAN 222.57 MAX 227.79 MIN 220.14

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 guidewall 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 mi^2.

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 published prior to October 1, 1999 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 ft^3/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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	194	1620	1090	181	6170	5440	8410	5850	3020	1670	2900	1420
2	227	2650	1180	656	5710	4110	39600	5140	3450	1590	2660	284
3	181	1320	51	807	3970	3530	167000	5850	1700	1410	3400	227
4	1350	1590	84	5300	3700	3360	160000	2810	297	1500	1980	1960
5	278	1620	198	5670	2760	4270	121000	2830	2260	1500	271	1650
6	178	281	791	4150	2020	2950	80700	1170	2340	1750	214	1700
7	230	240	830	2380	4940	2540	35500	1100	1930	1970	2100	1650
8	498	1480	924	2000	3680	2150	25600	3640	1630	1060	2100	1490
9	1190	698	93	3410	1720	1960	23600	2460	2140	240	1460	279
10	1580	124	567	9870	1170	21000	22200	1470	1660	1960	1700	254
11	4070	114	148	11000	2380	114000	19200	1800	402	1700	2460	974
12	233	66	661	6580	340	62100	21900	2830	1700	1970	569	1160
13	842	127	5090	2480	2480	21200	19100	2520	2540	1880	229	1860
14	317	69	2930	3560	5110	12900	12400	2640	2040	959	2230	1700
15	734	321	2560	557	4050	11000	13100	1240	1920	320	2000	1980
16	2360	998	1400	2870	4280	8510	15500	446	2320	152	1900	238
17	265	1050	1450	2790	3180	6620	12600	317	1030	1660	1570	182
18	175	45	114	1810	2890	4910	11700	494	682	1910	1710	1880
19	1940	22	73	3970	2730	52700	11400	1880	1520	1620	296	1490
20	418	1120	3500	2540	530	112000	11100	2000	1700	2100	171	2040
21	181	121	357	3220	2890	65500	10700	2960	2850	2810	1610	1540
22	192	790	2380	1830	1780	25000	7610	1230	2720	269	1110	1430
23	1150	120	2390	5960	200	16500	6130	268	2260	226	941	1570
24	1010	2140	479	8410	2570	12300	5110	274	1180	2160	1090	282
25	680	156	711	7350	1770	10800	5480	2390	1340	2500	1570	2240
26	199	357	272	5600	3240	9300	1940	2690	2180	2220	3000	1090
27	166	126	115	5540	4400	9620	6920	3290	2710	1480	149	1320
28	267	26	959	5390	8110	8110	6800	2400	2090	1310	1400	1380
29	268	64	257	7300	4970	8390	6560	2360	1750	287	1800	1750
30	263	368	1100	14100	---	9590	6500	2800	1700	162	2090	1470
31	264	---	139	8180	---	12300	---	2810	---	2790	896	---
TOTAL	21900	19823	32893	145461	93740	644660	895360	71959	57061	45135	47576	38490
MEAN	706	661	1061	4692	3232	20800	29850	2321	1902	1456	1535	1283
MAX	4070	2650	5090	14100	8110	114000	167000	5850	3450	2810	3400	2240
MIN	166	22	51	181	200	1960	1940	268	297	152	149	182
CFSM	.15	.14	.22	.97	.67	4.31	6.19	.48	.39	.30	.32	.27
IN.	.17	.15	.25	1.12	.72	4.98	6.91	.56	.44	.35	.37	.30

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 - 2000, BY WATER YEAR (WY)

MEAN	2172	4101	8331	14830	16790	18840	13730	6603	3630	3364	2373	2004
MAX	17330	39740	35810	39310	44360	52890	52940	28520	30320	22680	8603	7881
(WY)	1933	1930	1933	1949	1990	1897	1900	1991	1900	1940	1941	1979
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1895 - 2000	
ANNUAL TOTAL	2423532		2114058			
ANNUAL MEAN	6640		5776		7941	
HIGHEST ANNUAL MEAN					13140	1949
LOWEST ANNUAL MEAN					3305	1988
HIGHEST DAILY MEAN	85000	Jan 31	167000	Apr 3	233000	Apr 13 1979
LOWEST DAILY MEAN	22	Nov 19	22	Nov 19	20	Oct 16 1987
ANNUAL SEVEN-DAY MINIMUM	217	Nov 9	217	Nov 9	46	Jul 23 1952
INSTANTANEOUS PEAK FLOW			186000	Apr 4	272000	Apr 13 1979
INSTANTANEOUS PEAK STAGE			142.49	Apr 4	151.05	Apr 18 1900
ANNUAL RUNOFF (CFSM)	1.38		1.20		1.65	
ANNUAL RUNOFF (INCHES)	18.70		16.32		22.38	
10 PERCENT EXCEEDS	15000		10100		19000	
50 PERCENT EXCEEDS	2990		1870		3310	
90 PERCENT EXCEEDS	229		200		474	

02465000 BLACK WARRIOR RIVER AT OLIVER LOCK AND DAM AT NORTHPORT, AL--Continued
(Formerly published as Black Warrior River at Northport)

SUSPENDED SEDIMENT PERIOD OF RECORD.--Water years 1979-81, 1983-91, 1993-96, 1999, 2000.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
19...	1345	16.0	56400	68	10400
19...	1355	33.0	56400	68	10400
19...	1400	50.0	56400	54	8220
19...	1410	66.0	56400	62	9440
19...	1415	83.0	56400	66	10100
20...	0710	16.0	121000	109	35600
20...	0715	33.0	121000	119	38900
20...	0720	50.0	121000	118	38600
20...	0725	66.0	121000	104	34000
20...	0730	83.0	121000	90	29500
21...	1255	16.0	64100	99	17100
21...	1300	33.0	64100	98	17000
21...	1310	50.0	64100	94	16300
21...	1315	66.0	64100	83	14400
21...	1320	83.0	64100	84	14500

02465005 BLACK WARRIOR RIVER BELOW OLIVER LOCK AND DAM AT TUSCALOOSA, AL

LOCATION.--Lat 33°12'28", long 87°35'36", in NW$^1/_4$ 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 mi^2.
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, 140.60 ft, Apr. 4; minimum, 95.29 ft, Oct. 4.

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	95.60	95.84	96.12	95.59	99.06	98.32	100.33	98.32	96.80	96.18	96.69	95.89
2	95.52	96.64	96.30	95.75	98.62	97.75	110.22	97.95	97.05	96.17	96.66	95.72
3	95.43	96.11	95.67	96.02	97.58	97.21	134.94	98.22	96.41	96.10	96.84	95.58
4	95.62	96.15	95.59	97.85	97.27	97.01	140.05	97.13	95.86	96.18	96.58	95.87
5	95.66	96.08	95.62	98.35	96.76	97.30	136.83	96.75	96.30	96.12	95.78	96.20
6	95.61	95.84	95.90	97.53	96.57	97.00	130.82	96.25	96.50	96.28	95.63	96.16
7	95.56	95.74	96.17	96.86	97.42	96.87	122.89	96.04	96.31	96.34	96.04	96.08
8	95.59	96.20	96.11	96.17	97.39	96.68	117.18	96.97	96.16	96.06	96.28	96.01
9	95.87	95.89	95.64	96.99	96.36	96.53	114.53	96.89	96.29	95.81	96.17	95.75
10	96.50	95.74	95.89	100.29	96.02	102.13	111.77	96.11	96.27	96.15	96.13	95.61
11	97.45	95.64	95.82	101.78	96.54	130.01	109.51	96.20	95.91	96.27	96.42	95.65
12	95.86	95.55	95.98	100.20	95.96	126.83	108.91	96.74	95.99	96.38	96.06	95.86
13	96.04	95.49	98.48	96.85	96.56	115.83	108.10	96.74	96.40	96.32	95.67	96.21
14	95.95	95.43	97.53	97.08	97.57	109.00	104.89	96.59	96.49	96.01	96.12	96.25
15	95.80	95.56	97.13	96.12	97.56	104.74	103.84	96.09	96.37	95.82	96.30	96.35
16	96.45	95.79	96.62	96.59	97.51	102.15	104.52	95.99	96.47	95.67	96.29	95.92
17	95.83	96.24	96.43	97.12	96.87	100.02	104.00	95.96	96.18	95.89	96.18	95.66
18	95.57	95.69	95.79	96.27	96.92	98.05	102.94	95.97	95.99	96.32	96.15	95.89
19	95.88	95.56	95.95	97.27	96.69	111.05	102.55	96.32	96.27	96.28	95.85	96.21
20	95.95	95.85	96.89	96.68	96.09	131.49	102.23	96.29	96.20	96.25	95.64	96.53
21	95.69	95.93	95.99	97.22	96.78	127.22	101.97	96.70	96.79	96.68	95.87	96.35
22	95.62	95.95	96.32	96.40	96.58	117.61	100.22	96.48	96.82	95.92	95.89	96.20
23	95.69	96.00	96.64	97.84	95.83	111.45	98.84	95.79	96.49	95.64	95.83	96.31
24	95.88	96.54	95.89	99.36	96.79	106.04	98.06	95.75	96.12	96.09	95.90	96.09
25	95.99	95.83	95.78	99.75	96.46	103.08	98.05	96.20	95.98	96.39	96.14	96.42
26	95.77	95.74	95.84	98.15	96.90	101.37	97.02	96.64	96.31	96.44	95.83	96.12
27	95.60	95.74	95.62	98.39	98.03	100.73	98.12	97.04	96.71	96.17	95.59	95.93
28	95.54	95.66	95.94	97.91	99.43	100.34	98.85	96.68	96.53	96.04	95.77	96.08
29	95.49	95.55	95.84	98.84	98.39	99.58	98.64	96.53	96.27	95.77	96.07	96.20
30	95.46	95.68	96.06	103.30	---	100.51	98.96	96.73	96.20	95.56	96.32	96.28
31	95.42	---	95.67	101.15	---	102.17	---	96.76	---	96.26	95.93	---
MEAN	95.80	95.85	96.17	97.92	97.12	105.68	108.66	96.61	96.35	96.11	96.08	96.05
MAX	97.45	96.64	98.48	103.30	99.43	131.49	140.05	98.32	97.05	96.68	96.84	96.53
MIN	95.42	95.43	95.59	95.59	95.83	96.53	97.02	95.75	95.86	95.56	95.59	95.58

WTR YR 2000 MEAN 98.20 MAX 140.05 MIN 95.42

MOBILE RIVER BASIN

02465493 ELLIOTTS CREEK AT MOUNDVILLE, AL

LOCATION.--Lat 32°59'50", long 87°37'20", in SW$^1/_4$ 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 mi^2.
PERIOD OF RECORD.--October 1976 to current year.
REVISED RECORDS.--WDR AL-84-1: Drainage area.
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.
REVISIONS.--Mean daily discharges for September 2-30, 1999 are revised as shown in the new 1999 water table below.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	19	24	38	286	56	99	35	21	87	18	16
2	25	20	24	59	157	43	63	29	24	57	18	16
3	35	24	24	99	117	81	51	26	43	41	17	16
4	123	24	24	71	91	65	47	25	36	35	18	17
5	50	22	24	47	75	45	43	27	25	31	17	30
6	31	21	24	43	65	51	41	36	22	29	17	30
7	100	21	25	47	61	57	40	39	20	29	17	28
8	595	26	35	54	57	44	40	31	19	55	17	29
9	131	36	42	62	52	64	42	26	20	56	17	39
10	63	43	33	53	50	68	38	23	20	36	19	33
11	46	74	45	43	47	48	35	23	20	33	18	21
12	38	48	55	39	46	43	32	22	21	41	17	18
13	33	29	53	37	43	79	30	23	23	36	17	18
14	30	81	44	38	39	166	29	22	26	31	16	17
15	28	104	36	44	38	118	78	22	24	28	16	17
16	25	56	32	37	38	69	54	21	23	36	16	16
17	23	37	30	35	46	57	37	21	23	78	16	16
18	23	33	29	37	60	52	32	21	21	51	16	16
19	23	31	31	36	54	48	30	21	19	32	16	16
20	23	30	33	33	42	46	29	20	18	27	15	17
21	23	30	32	32	39	53	28	20	18	24	15	18
22	21	29	34	45	37	47	28	19	17	22	15	17
23	20	28	38	222	36	41	27	20	18	20	15	17
24	20	29	97	151	36	40	27	19	29	20	15	17
25	21	28	102	67	35	84	29	19	48	33	18	16
26	20	27	57	52	35	106	29	19	43	48	21	17
27	20	27	45	46	39	59	32	20	149	26	19	17
28	20	25	63	43	65	47	33	20	579	21	18	18
29	20	25	72	64	---	44	36	19	124	20	17	23
30	20	24	53	589	---	46	40	19	77	19	17	26
31	20	---	42	846	---	76	---	21	---	18	16	---
TOTAL	1706	1051	1302	3109	1786	1943	1199	728	1570	1120	524	612
MEAN	55.0	35.0	42.0	100	63.8	62.7	40.0	23.5	52.3	36.1	16.9	20.4
MAX	595	104	102	846	286	166	99	39	579	87	21	39
MIN	20	19	24	32	35	40	27	19	17	18	15	16
CFSM	1.70	1.08	1.30	3.10	1.97	1.94	1.24	.73	1.62	1.12	.52	.63
IN.	1.96	1.21	1.50	3.58	2.06	2.24	1.38	.84	1.81	1.29	.60	.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1999, BY WATER YEAR (WY)

MEAN	27.6	34.7	43.0	61.9	73.5	73.0	62.5	37.3	27.1	26.5	19.6	21.6
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	14.7	18.7	20.9	25.7	22.0	20.1	19.4	12.8	7.39	12.5	8.07	11.9
(WY)	1993	1979	1988	1988	1988	1988	1986	1988	1988	1988	1988	1988

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1977 - 1999	
ANNUAL TOTAL	19155		16650			
ANNUAL MEAN	52.5		45.6		42.2	
HIGHEST ANNUAL MEAN					69.3	1983
LOWEST ANNUAL MEAN					16.8	1988
HIGHEST DAILY MEAN	633	Jan 7	846	Jan 31	2670	Feb 16 1990
LOWEST DAILY MEAN	15	Sep 9	15	Aug 20-24	5.8	Aug 16 1988
ANNUAL SEVEN-DAY MINIMUM	16	Sep 6	15	Aug 18	6.3	Aug 14 1988
INSTANTANEOUS PEAK FLOW			1450	Jan 30	6200	Feb 16 1990
INSTANTANEOUS PEAK STAGE			7.26	Jan 30	8.80	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.62		1.41		1.31	
ANNUAL RUNOFF (INCHES)	22.06		19.18		17.75	
10 PERCENT EXCEEDS	96		70		77	
50 PERCENT EXCEEDS	32		31		28	
90 PERCENT EXCEEDS	18		17		15	

02465493 ELLIOTTS CREEK AT MOUNDVILLE, AL--Continued

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	22	62	24	33	36	26	34	22	14	17	13	9.7
2	19	90	25	33	32	24	57	21	14	14	12	10
3	18	49	25	33	30	24	292	21	14	13	16	10
4	47	31	26	53	29	26	415	20	14	13	25	10
5	112	27	27	68	28	25	182	20	19	12	28	10
6	37	25	27	43	26	24	99	19	27	12	18	10
7	24	24	27	36	26	23	73	19	22	12	14	12
8	25	24	26	35	26	22	67	19	17	12	12	13
9	37	25	26	37	25	22	59	18	15	12	11	13
10	108	24	36	61	25	25	47	18	14	12	11	13
11	87	24	37	59	25	67	43	18	14	12	13	12
12	40	24	34	42	25	78	41	18	13	11	15	11
13	30	24	147	39	25	41	46	17	13	11	14	11
14	28	24	113	37	27	31	45	16	13	11	12	11
15	26	24	51	35	25	29	41	16	13	11	11	11
16	25	24	40	34	24	30	37	16	15	11	10	10
17	25	24	37	34	24	30	34	16	17	11	10	10
18	24	24	39	34	24	28	46	16	16	11	9.8	10
19	24	24	55	35	30	101	29	16	15	11	9.7	10
20	24	35	49	38	29	227	27	16	15	11	9.6	10
21	24	40	54	35	25	125	26	20	14	11	9.3	11
22	24	32	56	33	24	65	25	21	14	11	9.2	11
23	23	28	45	35	23	50	25	19	14	11	9.2	13
24	23	27	38	36	23	43	28	17	13	11	9.5	15
25	23	27	36	33	23	41	28	16	13	11	9.2	15
26	23	26	35	31	23	40	27	16	17	11	9.1	15
27	24	26	34	30	45	39	25	15	23	11	9.3	14
28	23	25	33	41	41	38	26	15	16	12	9.6	13
29	23	25	33	80	30	35	25	15	25	11	11	12
30	23	24	33	73	---	37	23	14	24	12	10	11
31	23	---	33	46	---	40	---	14	---	13	9.6	---
TOTAL	1038	912	1301	1292	798	1456	1972	544	487	365	379.1	346.7
MEAN	33.5	30.4	42.0	41.7	27.5	47.0	65.7	17.5	16.2	11.8	12.2	11.6
MAX	112	90	147	80	45	227	415	22	27	17	28	15
MIN	18	24	24	30	23	22	23	14	13	11	9.1	9.7
CFSM	1.04	.94	1.30	1.29	.85	1.45	2.04	.54	.50	.36	.38	.36
IN.	1.20	1.05	1.50	1.49	.92	1.68	2.27	.63	.56	.42	.44	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2000, BY WATER YEAR (WY)

MEAN	27.9	34.5	42.9	61.0	71.5	71.9	62.7	36.4	26.7	25.9	19.3	21.2
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	14.7	18.7	20.9	25.7	22.0	20.1	19.4	12.8	7.39	11.8	8.07	11.6
(WY)	1993	1979	1988	1988	1988	1988	1986	1988	1988	2000	1988	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1977 - 2000	
ANNUAL TOTAL	15842		10890.8			
ANNUAL MEAN	43.4		29.8		41.7	
HIGHEST ANNUAL MEAN					69.3	1983
LOWEST ANNUAL MEAN					16.8	1988
HIGHEST DAILY MEAN	846	Jan 31	415	Apr 4	2670	Feb 16 1990
LOWEST DAILY MEAN	15	Aug 20-24	9.1	Aug 26	5.8	Aug 16 1988
ANNUAL SEVEN-DAY MINIMUM	15	Aug 18	9.3	Aug 21	6.3	Aug 14 1988
INSTANTANEOUS PEAK FLOW			524	Apr 3	6200	Feb 16 1990
INSTANTANEOUS PEAK STAGE			6.37	Apr 3	8.80	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.34		.92		1.29	
ANNUAL RUNOFF (INCHES)	18.25		12.54		17.53	
10 PERCENT EXCEEDS	65		46		75	
50 PERCENT EXCEEDS	30		24		27	
90 PERCENT EXCEEDS	17		11		14	

02466030 BLACK WARRIOR RIVER AT SELDEN LOCK AND DAM NEAR EUTAW, AL

LOCATION.--Lat 32°46'40", long 87°50'26", in SE$^1/_4$ 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 mi^2.
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: Apr. 8-11. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1090	965	1550	1020	9220	6260	10300	6260	2920	2360	2930	1170
2	981	4140	2310	968	7720	6520	12400	5920	3510	2140	2990	1230
3	978	3040	1450	1010	5270	4770	42800	4350	3620	2020	2700	936
4	1010	2030	1070	5930	4870	4420	75600	4070	1330	1810	3530	933
5	985	1670	982	8070	3960	3870	87200	3000	1720	1830	1820	1210
6	1000	1870	1000	6580	4240	4880	106000	2920	3070	1860	934	2860
7	983	987	2440	5410	4460	3410	96400	1480	2630	2570	934	2140
8	1030	1760	2130	2420	6070	3480	e82000	2510	2220	2400	2210	2040
9	983	2220	1440	3990	3870	3550	e63000	4520	2220	1210	2260	1340
10	4390	1230	1310	9370	1410	6990	e43800	2450	2280	1190	1920	1040
11	5980	968	1180	12900	3660	38000	e25100	1870	2060	2210	2200	1020
12	1370	1020	1530	12200	1710	61300	26500	2480	1100	2390	2810	971
13	1170	932	8050	4900	2830	67300	25200	3330	2240	2500	936	1910
14	2000	996	7220	5520	5160	40600	20700	3160	2630	2070	1070	2430
15	1150	1050	5270	2730	6110	24500	16400	2530	2070	1060	2470	1920
16	1760	983	4640	1950	5080	16300	16000	990	2260	1020	2370	1990
17	2380	2200	3000	5680	4670	10600	16800	956	2860	999	2240	1020
18	1000	1380	1280	2330	4350	6230	13500	1060	1020	1250	1680	1050
19	998	967	1950	5010	3800	14000	11100	1110	2200	3070	1590	1080
20	1660	982	3150	3620	2440	49700	9870	3170	1980	1960	936	2420
21	936	1450	4220	5860	3320	75400	9470	2650	2200	2830	1140	2920
22	1020	1340	2330	3010	3850	71400	8160	3670	4190	2410	1410	1900
23	982	1570	3940	5420	1370	50100	5100	1000	2900	1020	1150	1640
24	1000	2330	2880	7740	3100	30200	4880	1020	2520	1050	1030	2050
25	1300	2710	1040	9800	2820	18800	6190	1030	1820	2330	1130	1460
26	1210	1030	2110	6230	2530	13300	5600	2250	1410	2580	1860	3140
27	984	970	1090	7330	7010	11100	4450	3550	2760	1990	935	1380
28	965	1020	1100	6560	7600	10700	6740	3370	3190	1850	932	1480
29	981	1000	1800	7480	7950	9100	6730	2490	2640	1490	1150	1620
30	964	1000	1750	14300	---	9860	7070	2500	2150	934	2050	1630
31	980	---	1750	13000	---	11800	---	3110	---	1070	2550	---
TOTAL	44220	45810	76962	188338	130450	688440	865060	84776	71720	57473	55867	49930
MEAN	1426	1527	2483	6075	4498	22210	28840	2735	2391	1854	1802	1664
MAX	5980	4140	8050	14300	9220	75400	106000	6260	4190	3070	3530	3140
MIN	936	932	982	968	1370	3410	4450	956	1020	934	932	933
CFSM	.25	.26	.43	1.05	.77	3.82	4.96	.47	.41	.32	.31	.29
IN.	.28	.29	.49	1.21	.84	4.41	5.54	.54	.46	.37	.36	.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2000, BY WATER YEAR (WY)

MEAN	3429	5772	10230	16570	17700	20870	17110	8914	5664	4909	3258	3097
MAX	14570	15810	32860	33170	53820	58420	53430	39410	24990	19450	6184	7478
(WY)	1978	1978	1984	1998	1990	1980	1979	1991	1997	1989	1985	1979
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1977 - 2000	
ANNUAL TOTAL	2920691		2359046			
ANNUAL MEAN	8002		6445		9755	
HIGHEST ANNUAL MEAN					14990	1980
LOWEST ANNUAL MEAN					3644	1988
HIGHEST DAILY MEAN	66500	Feb 2	106000	Apr 6	222000	Apr 16 1979
LOWEST DAILY MEAN	932	Nov 13	932	Nov 13	317	Sep 24 1982
ANNUAL SEVEN-DAY MINIMUM	995	Oct 2	995	Oct 2	509	Sep 23 1982
INSTANTANEOUS PEAK FLOW			108000	Apr 6	222000	Apr 16 1979
INSTANTANEOUS PEAK STAGE			104.30	Apr 7	108.87	Apr 16 1979
ANNUAL RUNOFF (CFSM)	1.38		1.11		1.68	
ANNUAL RUNOFF (INCHES)	18.70		15.10		22.81	
10 PERCENT EXCEEDS	18200		11300		22800	
50 PERCENT EXCEEDS	3910		2380		5070	
90 PERCENT EXCEEDS	1010		999		1100	

e Estimated

02466031 BLACK WARRIOR RIVER BELOW SELDEN LOCK AND DAM NEAR EUTAW, AL

LOCATION.--Lat 32°46'38", long 87°50'29", in SE$^1/_4$ sec. 24, T. 21 N., R. 2 E., Hale County, Hydrologic Unit 03160112, on downstream left side of dam, 5 mi east of Eutaw, and at mile 49.5.
DRAINAGE AREA.--5,810 mi^2.
PERIOD OF RECORD.--October 1999 to current year (gage heights only). Prior to October 1999, gage height records published for 02466040 Black Warrior River below Selden Lock near Sawyerville located at mile 43.8 about 5.7 mi downstream. (See annual data reports prior to water year 2000.)
GAGE.--Water-stage recorder. Datum of gage is at sea level (levels by U.S. Army Corps of Engineers).
EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 103.50 ft, Apr. 7, 2000; minimum gage height, 73.54 ft, Sept. 5, 2000.
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 103.50, Apr. 7; minimum gage height, 73.54 ft, Sept. 5.

ELEVATION, 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	73.96	73.83	73.94	74.10	77.31	75.79	77.72	75.67	74.23	74.30	74.03	73.77
2	73.76	74.62	73.97	73.96	76.68	75.80	78.34	75.73	74.33	74.21	74.21	73.67
3	73.70	74.64	74.04	73.90	75.95	75.35	88.35	75.27	74.40	74.04	74.22	73.63
4	73.71	74.07	73.98	75.26	75.29	75.18	96.25	75.24	74.02	74.00	74.41	73.59
5	73.65	74.04	73.88	76.60	75.22	74.83	99.55	74.84	74.23	74.02	74.13	73.59
6	73.67	74.24	73.94	76.17	74.99	75.16	102.31	74.58	74.43	73.93	73.81	73.85
7	73.68	73.93	74.03	75.68	74.90	74.82	103.42	74.23	74.28	74.03	73.72	73.87
8	73.68	73.95	74.26	74.94	75.48	74.79	102.89	74.24	74.14	74.10	73.86	73.87
9	73.88	74.17	74.04	74.97	74.98	74.66	101.20	74.82	74.08	73.85	73.95	73.76
10	74.68	73.90	73.90	76.45	74.44	75.25	98.76	74.45	74.09	73.76	73.94	73.67
11	75.21	73.83	74.12	78.04	74.60	83.67	94.78	74.24	74.01	73.91	74.13	73.61
12	74.42	73.88	74.06	78.14	74.54	92.11	88.94	74.22	73.82	73.96	74.25	73.62
13	73.94	73.78	75.52	76.22	74.36	94.52	85.19	74.42	74.07	74.00	73.88	73.70
14	74.09	73.95	76.20	75.45	74.99	91.65	83.10	74.46	74.12	74.00	73.76	73.91
15	74.03	73.80	75.49	74.96	75.54	85.25	81.13	74.21	74.07	73.81	73.93	73.82
16	73.87	73.73	75.19	74.47	75.34	80.50	80.46	74.00	74.06	73.71	73.98	73.87
17	74.14	73.87	74.74	75.10	75.32	78.01	80.48	73.95	74.25	73.75	74.00	73.70
18	73.85	73.92	74.46	74.76	75.09	76.36	79.64	73.86	73.98	73.72	73.91	73.64
19	73.78	73.81	74.27	74.96	75.31	78.15	79.00	73.78	74.20	74.11	73.84	73.63
20	73.88	73.80	74.42	75.02	74.94	88.74	78.35	74.26	74.45	73.99	73.72	73.78
21	73.78	74.06	75.03	75.08	74.80	94.87	78.04	74.51	74.14	74.05	73.66	73.97
22	73.75	73.92	74.51	74.77	74.94	96.64	77.58	74.64	74.71	74.15	73.72	73.90
23	73.73	74.03	74.79	75.23	74.59	95.42	76.39	74.06	74.49	73.82	73.69	73.81
24	73.72	74.07	74.64	75.78	74.42	89.46	75.69	73.87	74.34	73.71	73.67	73.85
25	73.73	74.47	74.25	76.57	74.64	82.63	75.76	73.83	74.23	73.89	73.64	73.77
26	73.78	74.04	74.13	75.91	74.63	79.25	75.59	74.23	74.11	74.02	73.87	74.00
27	73.74	73.88	74.11	75.72	75.48	77.98	75.31	74.34	74.24	74.09	73.71	73.88
28	73.72	74.04	74.01	75.63	76.12	77.75	75.71	74.58	74.44	73.95	73.64	73.74
29	73.72	73.85	74.09	76.15	76.53	77.08	75.78	74.28	74.45	73.86	73.63	73.77
30	73.71	73.93	74.01	77.84	---	77.09	75.86	74.28	74.27	73.74	73.75	73.77
31	73.72	---	74.11	78.66	---	77.75	---	74.36	---	73.71	73.98	---
MEAN	73.89	74.00	74.39	75.69	75.22	81.50	84.72	74.43	74.22	73.94	73.89	73.77
MAX	75.21	74.64	76.20	78.66	77.31	96.64	103.42	75.73	74.71	74.30	74.41	74.00
MIN	73.65	73.73	73.88	73.90	74.36	74.66	75.31	73.78	73.82	73.71	73.63	73.59

WTR YR 2000 MEAN 75.80 MAX 103.42 MIN 73.59

02467000 TOMBIGBEE RIVER AT DEMOPOLIS LOCK AND DAM NEAR COATOPA, AL

LOCATION.--Lat 32°31'15", long 87°52'39", in NW$^1/_4$ 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 mi^2.
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.--No estimated daily discharges. Records good except those below 2,000 ft^3/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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2610	2920	2460	3920	22800	13700	21700	11800	3680	4490	2420	1640
2	1640	5890	2510	2770	19400	14300	25400	11900	3830	4090	3280	1330
3	1390	5750	2890	2640	15000	11200	84400	9790	4660	2780	3200	1130
4	1580	2980	2880	14600	11200	10500	137000	8820	3350	2830	4020	1060
5	1370	3230	2290	19700	10800	7810	160000	8020	4480	2880	3280	969
6	1380	4500	3030	17900	9130	9440	177000	6470	5480	2220	1890	1670
7	1540	2720	3180	14400	7990	8350	197000	4900	4010	2540	1370	1940
8	1440	2660	4250	9140	11500	7450	215000	4240	3300	2980	1930	1950
9	2730	3590	2950	10500	8270	6780	221000	6230	3100	2070	2390	1560
10	6130	2380	2640	18700	5770	8720	205000	5670	3110	1650	2430	1240
11	8230	2260	4360	24500	6940	32100	162000	4360	2790	2080	3350	1030
12	5420	2380	3160	24400	6290	66800	103000	4100	2090	2180	3640	1030
13	2720	1970	12100	17900	4960	73000	66300	4880	2950	2600	2270	1400
14	3820	2700	14300	11500	9190	72700	58000	5140	3100	2740	1690	1980
15	3260	1900	12700	9270	11800	54600	54800	4010	2800	1860	2090	1910
16	2100	1740	9740	5880	11100	35100	45100	3140	2830	1430	2470	2150
17	3300	2190	6980	8440	11500	26600	42000	2660	3450	1580	2670	1420
18	2250	2570	6560	8130	10600	19800	36600	2240	2740	1490	2210	1180
19	1950	2020	4380	8410	12900	26200	29900	1820	4290	2450	2090	1060
20	2430	2190	5400	9520	9980	61100	24400	4060	5890	2540	1570	1540
21	1860	3390	8540	8140	8400	84000	23000	5970	3470	2750	1240	2390
22	1570	2690	5800	7670	8380	86900	20200	5960	6010	3080	1400	2210
23	1670	3220	7650	9610	7530	86600	16600	3270	5070	1940	1270	1870
24	1570	3390	6910	12800	5590	74600	13900	2160	4750	1400	1140	1860
25	1520	5180	4300	13900	6710	46800	13600	2030	4090	1640	1100	1530
26	1760	3350	4000	14400	6540	30600	12000	4240	3550	2520	1830	2460
27	1610	2480	3600	11800	11500	24200	11400	3980	3650	2750	1400	2270
28	1520	3530	3220	12500	17800	22300	11800	5850	4720	2270	1080	1520
29	1590	2320	3720	16400	17800	19300	11700	4260	5760	1940	860	1680
30	1470	3220	2700	23900	---	19300	12400	4190	4260	1600	1090	1690
31	1630	---	3930	28200	---	20700	---	4220	---	1480	1930	---
TOTAL	75060	91310	163130	401540	307370	1081550	2212200	160380	117260	72850	64600	48669
MEAN	2421	3044	5262	12950	10600	34890	73740	5174	3909	2350	2084	1622
MAX	8230	5890	14300	28200	22800	86900	221000	11900	6010	4490	4020	2460
MIN	1370	1740	2290	2640	4960	6780	11400	1820	2090	1400	860	969
CFSM	.16	.20	.34	.84	.69	2.27	4.79	.34	.25	.15	.14	.11
IN.	.18	.22	.39	.97	.74	2.62	5.35	.39	.28	.18	.16	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2000, BY WATER YEAR (WY)

MEAN	5970	11420	25210	42040	47900	52530	45080	23440	11370	9822	6013	5440
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1928 - 2000	
ANNUAL TOTAL	7836420		4795919			
ANNUAL MEAN	21470		13100		23730	
HIGHEST ANNUAL MEAN					46570	1983
LOWEST ANNUAL MEAN					9055	1988
HIGHEST DAILY MEAN	175000	Feb 3	221000	Apr 9	338000	Apr 18 1979
LOWEST DAILY MEAN	1200	Aug 23	860	Aug 29	* 50	Aug 1 1954
ANNUAL SEVEN-DAY MINIMUM	1480	Oct 2	1210	Aug 24	* 51	Jul 3 1 1954
INSTANTANEOUS PEAK FLOW			223000	Apr 9	343000	Apr 18 1979
INSTANTANEOUS PEAK STAGE			84.19	Apr 9	93.03	Apr 18 1979
ANNUAL RUNOFF (CFSM)	1.40		.85		1.54	
ANNUAL RUNOFF (INCHES)	18.95		11.60		20.96	
10 PERCENT EXCEEDS	53600		24400		66600	
50 PERCENT EXCEEDS	7380		3880		10100	
90 PERCENT EXCEEDS	1870		1550		2260	

* Results of closure of and storage above Demopolis Lock and Dam during construction.

MOBILE RIVER BASIN

02467001 TOMBIGBEE RIVER BELOW DEMOPOLIS LOCK AND DAM NEAR COATOPA, AL

LOCATION.--Lat 32°31'15", long 87°52'48", in NW$^1/_4$ 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 mi^2.
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, 81.21 ft, Apr. 9; minimum, 32.20 ft, Oct. 27.

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	33.03	32.92	33.01	33.30	40.95	37.24	40.37	36.91	33.48	33.78	33.27	33.08
2	32.77	32.75	32.99	33.12	39.42	37.03	40.88	36.89	33.40	33.59	33.46	33.06
3	32.93	32.80	33.22	33.19	37.85	36.06	55.16	35.96	33.73	33.32	33.46	33.00
4	33.00	32.85	33.19	36.41	36.12	35.70	68.98	35.63	33.43	33.39	33.65	33.00
5	32.60	32.90	33.03	39.14	36.01	34.72	74.35	35.33	33.80	33.35	33.43	32.92
6	32.65	33.57	33.03	38.70	35.08	35.04	77.03	34.67	34.12	33.14	33.15	33.04
7	32.65	33.01	33.07	37.46	34.75	34.80	78.96	33.93	33.66	33.24	33.11	33.16
8	32.78	32.88	33.45	35.72	35.66	34.43	80.29	33.88	33.37	33.34	33.18	33.20
9	33.15	33.26	33.12	35.28	35.14	34.09	81.09	34.44	33.33	33.18	33.21	33.10
10	34.37	32.94	33.01	39.20	34.07	34.80	80.68	34.17	33.37	33.07	33.23	32.96
11	35.16	32.96	33.38	41.45	34.10	40.93	78.30	33.90	33.29	33.26	33.54	32.99
12	34.18	32.97	33.13	41.38	34.29	52.08	73.53	33.76	32.98	33.17	33.39	32.97
13	33.05	32.85	35.45	39.35	33.53	55.59	66.99	33.86	33.38	33.26	33.25	33.06
14	33.24	33.12	37.05	36.55	34.73	56.59	61.52	33.97	33.36	33.21	33.10	33.19
15	33.19	32.80	36.53	35.41	35.86	53.46	58.24	33.56	33.35	33.07	33.25	33.17
16	32.81	32.96	35.65	34.19	35.86	47.45	53.73	33.34	33.40	33.09	33.20	33.16
17	33.22	32.92	34.50	34.65	35.99	43.14	50.15	33.37	33.64	33.01	33.33	33.01
18	32.92	33.04	34.00	34.98	35.48	40.36	47.51	33.29	33.34	33.10	33.18	33.05
19	33.00	32.82	33.44	34.55	36.61	41.49	44.65	33.27	33.71	33.22	33.14	33.06
20	32.80	32.94	33.68	35.19	35.59	52.17	42.64	33.67	34.26	33.33	33.08	33.12
21	32.75	33.15	34.63	34.61	34.59	59.19	41.60	34.70	33.51	33.33	32.97	33.31
22	32.70	32.90	34.25	34.46	34.89	60.61	40.66	34.46	34.36	33.42	33.07	33.16
23	32.82	33.17	34.30	35.06	34.51	60.81	39.28	33.63	33.99	33.18	33.12	33.24
24	32.93	33.24	34.14	36.07	33.70	59.08	38.16	33.30	33.84	33.07	32.96	33.15
25	33.04	33.70	33.62	36.82	34.27	52.76	37.71	33.19	33.63	33.12	33.00	33.08
26	32.87	33.07	33.31	37.15	34.22	46.02	37.01	34.00	33.49	33.23	33.15	33.11
27	32.50	32.95	33.31	36.11	35.32	42.26	36.81	33.69	33.47	33.38	33.01	33.19
28	32.90	33.27	33.04	36.21	37.72	41.09	36.68	34.19	33.92	33.25	32.98	33.05
29	32.86	32.89	33.22	37.72	38.41	40.12	36.91	33.74	34.25	33.17	33.00	33.05
30	32.89	33.04	33.16	39.85	---	39.52	36.96	33.55	33.71	33.26	33.07	33.10
31	32.87	---	33.34	42.11	---	39.93	---	33.67	---	33.06	33.26	---
MEAN	33.05	33.02	33.81	36.63	35.68	44.47	54.56	34.19	33.62	33.24	33.20	33.09
MAX	35.16	33.70	37.05	42.11	40.95	60.81	81.09	36.91	34.36	33.78	33.65	33.31
MIN	32.50	32.75	32.99	33.12	33.53	34.09	36.68	33.19	32.98	33.01	32.96	32.92

CAL YR 1999	MEAN 39.83	MAX 79.83	MIN 32.50
WTR YR 2000	MEAN 36.53	MAX 81.09	MIN 32.50

02467500 SUCARNOOCHEE RIVER AT LIVINGSTON, AL

LOCATION.--Lat 32°34'25", long 88°11'36", in SW$^1/_4$ 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 mi^2.
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.--Estimated daily discharges: Aug. 26-29. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	122	135	168	368	287	365	194	97	123	65	52
2	147	131	132	170	299	237	411	185	94	117	63	51
3	127	155	131	175	266	214	2690	178	92	103	63	51
4	111	155	132	314	241	201	3870	172	91	91	78	51
5	103	138	136	559	226	196	3910	168	211	84	85	50
6	121	128	140	661	215	192	4000	174	144	80	91	49
7	123	125	139	377	203	184	4210	162	156	77	80	48
8	105	124	142	282	196	178	3250	155	144	74	81	49
9	116	124	138	249	193	173	993	149	120	73	75	51
10	555	123	139	314	193	172	647	142	106	76	69	57
11	790	123	141	437	190	229	540	138	99	84	79	65
12	558	123	164	405	188	357	475	134	95	94	70	69
13	295	123	327	312	190	531	476	132	92	89	93	69
14	198	125	632	287	188	380	762	129	88	79	120	67
15	165	125	673	310	187	291	705	126	87	72	90	75
16	144	124	364	290	214	258	579	123	86	69	74	87
17	135	123	252	254	206	243	486	119	90	68	66	81
18	129	122	215	235	197	244	421	115	100	65	63	68
19	128	123	224	224	191	1250	371	112	133	63	61	62
20	123	127	250	217	200	1610	332	116	169	64	60	59
21	117	129	337	217	275	1050	304	167	132	64	58	58
22	115	138	360	219	244	660	283	134	123	69	58	58
23	114	148	330	214	210	466	265	127	107	71	57	59
24	112	147	280	210	194	377	257	124	97	67	56	59
25	112	140	231	218	188	324	252	117	97	65	56	64
26	111	139	204	215	184	306	254	139	90	61	e55	64
27	111	147	194	199	203	490	238	127	88	60	e54	61
28	114	157	183	211	262	612	221	126	161	59	e53	59
29	117	149	176	382	341	540	212	117	168	58	e52	58
30	117	140	171	522	---	429	202	109	131	60	52	58
31	116	---	169	468	---	371	---	100	---	70	52	---
TOTAL	5559	3997	7241	9315	6452	13052	31981	4310	3488	2349	2129	1809
MEAN	179	133	234	300	222	421	1066	139	116	75.8	68.7	60.3
MAX	790	157	673	661	368	1610	4210	194	211	123	120	87
MIN	103	122	131	168	184	172	202	100	86	58	52	48
CFSM	.30	.22	.38	.50	.37	.69	1.76	.23	.19	.12	.11	.10
IN.	.34	.24	.44	.57	.40	.80	1.96	.26	.21	.14	.13	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

MEAN	232	440	811	1330	1689	1785	1559	794	416	411	275	228
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	200129		91682			
ANNUAL MEAN	548		250		826	
HIGHEST ANNUAL MEAN					1848	1983
LOWEST ANNUAL MEAN					250	2000
HIGHEST DAILY MEAN	13600	Feb 2	4210	Apr 7	55900	Apr 14 1979
LOWEST DAILY MEAN	82	Aug 8	48	Sep 7	48	Sep 7 2000
ANNUAL SEVEN-DAY MINIMUM	86	Aug 4	50	Sep 2	50	Sep 2 2000
INSTANTANEOUS PEAK FLOW			4250	Apr 7	62200	Apr 14 1979
INSTANTANEOUS PEAK STAGE			16.55	Apr 7	33.47	Apr 14 1979
ANNUAL RUNOFF (CFSM)	.90		.41		1.36	
ANNUAL RUNOFF (INCHES)	12.26		5.62		18.49	
10 PERCENT EXCEEDS	1020		414		2180	
50 PERCENT EXCEEDS	169		138		338	
90 PERCENT EXCEEDS	105		61		120	

e Estimated

MOBILE RIVER BASIN

02469525 TOMBIGBEE RIVER NEAR NANAFALIA, AL

LOCATION.--Lat 32°07'48", long 88°02'28", in NW$^1/_4$ 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 mi^2.

WATER-STAGE RECORDS

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 Coffeeville 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, 60.78 ft, Apr. 11; minimum gage height, 32.16 ft, Oct. 5.

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	32.66	32.90	32.75	32.79	34.80	33.53	34.46	33.46	32.78	32.81	32.81	32.64
2	32.64	32.89	32.75	32.79	34.20	33.39	34.56	33.39	32.73	32.79	32.80	32.72
3	32.78	32.96	32.87	32.83	33.69	33.27	39.77	33.14	32.83	32.71	32.79	32.69
4	32.82	32.73	32.85	33.31	33.21	33.14	50.04	33.19	32.77	32.81	32.82	32.68
5	32.29	32.74	32.80	34.30	33.28	32.96	54.58	33.08	32.88	32.80	32.75	32.66
6	32.35	32.91	32.73	33.94	32.96	33.09	56.53	32.96	32.91	32.70	32.75	32.72
7	32.50	32.69	32.72	33.58	32.94	33.02	57.96	32.81	32.79	32.75	32.68	32.75
8	32.65	32.77	32.90	33.17	33.15	32.93	59.08	32.91	32.73	32.78	32.74	32.72
9	32.80	32.90	32.72	33.16	33.10	32.81	59.95	32.98	32.77	32.72	32.73	32.71
10	33.38	32.66	32.71	35.00	32.85	33.07	60.48	32.91	32.69	32.69	32.74	32.64
11	33.32	32.85	32.86	35.60	32.95	34.00	60.59	32.89	32.74	32.81	32.86	32.67
12	33.02	32.85	32.72	35.05	32.99	38.42	59.96	32.77	32.61	32.75	32.72	32.68
13	32.69	32.73	33.15	34.38	32.72	41.97	58.08	32.87	32.78	32.77	32.76	32.73
14	32.82	32.90	33.55	33.33	33.05	43.44	54.82	32.81	32.73	32.74	32.71	32.77
15	32.79	32.72	33.35	33.12	33.20	42.80	51.22	32.76	32.75	32.70	32.81	32.73
16	32.65	32.80	33.12	32.88	33.22	39.24	46.53	32.74	32.77	32.77	32.72	32.74
17	32.83	32.74	32.96	33.02	33.24	36.14	41.65	32.83	32.86	32.68	32.76	32.67
18	32.73	32.77	32.86	33.02	33.11	34.75	38.81	32.80	32.76	32.75	32.75	32.75
19	32.78	32.66	32.71	32.85	33.42	35.24	36.82	32.87	32.83	32.76	32.74	32.69
20	32.81	32.73	32.86	33.06	33.07	40.41	35.75	32.96	32.91	32.74	32.71	32.71
21	32.71	32.74	32.95	32.92	32.92	45.01	35.11	33.10	32.75	32.75	32.70	32.77
22	32.62	32.65	32.98	32.93	32.98	46.65	34.76	32.97	32.97	32.79	32.72	32.69
23	32.67	32.84	32.93	33.02	32.87	47.05	34.24	32.83	32.86	32.71	32.77	32.78
24	32.81	32.83	32.83	33.20	32.79	46.64	33.83	32.79	32.83	32.67	32.64	32.71
25	32.88	32.93	32.80	33.33	32.97	43.67	33.67	32.77	32.80	32.71	32.64	32.74
26	32.76	32.66	32.81	33.41	32.88	38.67	33.44	33.03	32.83	32.75	32.77	32.67
27	32.73	32.73	32.79	33.19	33.05	35.84	33.43	32.81	32.80	32.82	32.69	32.73
28	32.74	32.86	32.72	33.27	33.55	35.07	33.30	32.96	32.89	32.75	32.69	32.70
29	32.69	32.65	32.77	33.65	33.81	34.68	33.50	32.78	32.91	32.69	32.68	32.71
30	32.74	32.75	32.82	34.05	---	34.15	33.44	32.80	32.84	32.80	32.74	32.73
31	32.84	---	32.78	35.06	---	34.37	---	32.87	---	32.69	32.79	---
MEAN	32.76	32.78	32.87	33.52	33.21	37.40	44.35	32.93	32.80	32.75	32.74	32.71
MAX	33.38	32.96	33.55	35.60	34.80	47.05	60.59	33.46	32.97	32.82	32.86	32.78
MIN	32.29	32.65	32.71	32.79	32.72	32.81	33.30	32.74	32.61	32.67	32.64	32.64

CAL YR 1999	MEAN 35.67	MAX 60.58	MIN 32.29
WTR YR 2000	MEAN 34.23	MAX 60.59	MIN 32.29

MOBILE RIVER BASIN

02469525 TOMBIGBEE RIVER NEAR NANAFALIA, AL

WATER-QUALITY RECORDS

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

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
06...	1455	25.0	135000	438	160000
06...	1530	50.0	135000	492	179000
06...	1545	75.0	135000	538	196000
12...	1240	25.0	165000	173	77100
12...	1300	50.0	165000	221	98500
12...	1310	75.0	165000	75	33400

MOBILE RIVER BASIN

02469761 TOMBIGBEE RIVER AT COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL

LOCATION.--Lat 31°45'30", long 88°07'45", in NE$^1/_4$NE$^1/_4$ sec. 13, T. 9 N., R. 2 W., Choctaw County, Hydrologic Unit 03160203, near right bank at Coffeeville Lock and Dam, 2 mi west of Coffeeville, 4 mi downstream from Turkey Creek, and at mile 74.7.
DRAINAGE AREA.--18,417 mi^2.
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: Dec. 24. 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 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4260	3580	3600	3850	26600	16100	22700	14800	5420	6500	2360	2530
2	830	5690	1240	3630	21700	13500	23400	14400	4140	4880	4290	1610
3	700	6200	2610	1050	17600	12500	45600	12700	5320	3930	5010	1580
4	3320	3670	2520	11200	12700	12100	80500	11800	5120	3610	4150	1350
5	2460	2830	2610	22900	12300	8790	112000	11000	5540	4270	5520	1350
6	637	3590	2420	20500	9110	7770	125000	9250	7980	2960	1840	1380
7	709	4030	2330	17100	9490	9280	136000	6500	5720	3440	2710	3300
8	845	924	3780	13100	8610	7360	139000	6220	4260	3830	1850	2350
9	3510	4570	3970	8570	10800	6220	141000	7390	4090	3460	3470	2450
10	14400	2420	1830	28400	6260	7290	151000	7040	4170	2060	3040	1690
11	18100	1360	3450	34400	5220	16300	165000	7120	3860	2510	4230	1490
12	11300	2590	4360	28900	8790	43900	170000	5240	3360	2470	3900	1340
13	4690	1930	7620	24800	3530	60000	162000	5200	3630	4100	3510	1840
14	2910	2500	15600	15600	8080	64900	144000	7850	3830	3110	2360	2750
15	5450	1730	14000	10600	10600	64500	126000	4940	3860	2720	2150	2800
16	1920	1420	12200	7720	12000	49000	105000	3630	4490	2010	4080	2480
17	3170	1840	8100	7200	10400	34200	73800	3710	6150	2020	2830	2020
18	2520	3130	6580	11000	9410	25300	49100	3100	4260	2110	2940	1640
19	1870	1330	5730	6900	13100	30800	36100	2450	5130	2620	2450	1830
20	2300	2520	5650	10200	10800	53900	29400	3490	8310	3840	2490	1360
21	2470	3090	7280	8540	7660	71200	27300	11400	4430	2770	1630	3590
22	1750	2440	10400	7910	9500	74300	24600	10100	8300	4440	1640	2860
23	897	2370	6640	9650	6840	73900	21700	7010	7220	2360	1950	2520
24	913	3410	7430	12600	5210	73000	18400	3860	5600	2750	1930	2450
25	1540	4560	5720	15100	7020	66900	17100	2570	6410	2210	1250	2480
26	2130	3770	2820	14900	6270	47100	15000	6940	3660	2350	1890	2450
27	1550	1810	4310	11900	9520	30100	14900	6870	4780	3980	2310	3410
28	1660	2810	2790	12600	15500	28200	12600	6410	6640	2680	1370	1900
29	1740	3500	2920	17300	18300	26000	15300	7440	9230	2650	1400	2100
30	926	1140	3150	21000	---	21100	13800	4020	5870	1990	1740	1930
31	1010	---	3320	28100	---	21800	---	5380	---	2470	2610	---
TOTAL	102487	86754	166980	447220	312920	1077310	2217300	219830	160780	97100	84900	64830
MEAN	3306	2892	5386	14430	10790	34750	73910	7091	5359	3132	2739	2161
MAX	18100	6200	15600	34400	26600	74300	170000	14800	9230	6500	5520	3590
MIN	637	924	1240	1050	3530	6220	12600	2450	3360	1990	1250	1340
CFSM	.18	.16	.29	.78	.59	1.89	4.01	.39	.29	.17	.15	.12
IN.	.21	.18	.34	.90	.63	2.18	4.48	.44	.32	.20	.17	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2000, BY WATER YEAR (WY)

MEAN	7926	13040	32650	52640	55320	63960	58330	31550	16290	12140	7873	6923
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1961 - 2000	
ANNUAL TOTAL	8275299		5038411			
ANNUAL MEAN	22670		13770		29760	
HIGHEST ANNUAL MEAN					57420	1983
LOWEST ANNUAL MEAN					10740	1988
HIGHEST DAILY MEAN	175000	Feb 6	170000	Apr 12	286000	Apr 22 1979
LOWEST DAILY MEAN	398	Aug 16	637	Oct 6	398	Aug 16 1999
ANNUAL SEVEN-DAY MINIMUM	1360	Oct 2	1360	Oct 2	1140	Oct 4 1984
INSTANTANEOUS PEAK FLOW			172000	Apr 12	290000	Apr 22 1979
INSTANTANEOUS PEAK STAGE			42.76	Apr 12	51.46	Apr 22 1979
ANNUAL RUNOFF (CFSM)	1.23		.75		1.62	
ANNUAL RUNOFF (INCHES)	16.72		10.18		21.96	
10 PERCENT EXCEEDS	54700		28300		82300	
50 PERCENT EXCEEDS	7430		4520		14000	
90 PERCENT EXCEEDS	1550		1740		3250	

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 SW$^1/_4$SW$^1/_4$ 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 mi^2.

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, -0.10 ft, Oct. 2, 1984.
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 40.59 ft, Apr. 12; minimum, -.02 ft, Sept. 26.

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	2.18	2.56	1.13	2.28	12.51	8.31	11.73	6.30	2.35	2.71	1.93	1.94
2	1.87	2.64	1.19	2.21	11.30	7.40	11.38	6.26	2.27	2.46	2.36	1.36
3	2.02	2.49	2.26	1.90	9.93	6.95	15.64	5.93	2.36	2.50	2.28	1.39
4	2.31	1.90	2.50	4.69	7.97	6.51	26.76	5.21	2.57	2.10	1.76	1.53
5	1.97	1.46	2.41	8.40	6.52	5.44	31.37	4.98	2.65	2.20	2.02	1.59
6	.85	1.72	2.14	9.29	5.47	4.42	33.47	4.29	2.82	1.77	1.30	1.03
7	.94	2.09	1.55	8.56	4.85	4.65	35.04	3.46	2.30	1.33	1.56	1.52
8	1.55	1.24	2.40	7.20	4.29	4.22	36.46	2.93	2.15	1.36	1.53	1.94
9	3.27	.61	2.54	5.21	5.21	3.81	37.73	3.15	2.19	1.67	1.70	1.76
10	5.29	.87	2.52	9.94	4.08	3.89	38.83	3.37	2.26	1.50	1.65	1.64
11	8.43	1.79	1.94	14.12	3.11	6.27	39.81	3.19	1.92	1.44	1.82	1.69
12	6.87	1.93	2.65	13.85	3.95	14.46	40.48	2.70	1.80	1.55	1.90	1.80
13	4.31	1.91	3.89	12.59	3.14	20.82	40.28	2.20	---	1.59	1.68	1.55
14	2.77	1.93	6.44	9.93	4.07	23.42	39.13	2.66	---	1.50	1.67	1.72
15	3.17	1.61	6.77	7.10	4.90	24.47	37.17	1.50	---	1.44	1.42	1.62
16	2.10	.84	6.17	5.45	5.70	22.50	34.41	1.40	---	1.39	1.55	1.26
17	1.94	.95	4.62	4.15	5.44	18.55	30.50	1.93	2.94	1.58	1.27	1.20
18	1.38	1.52	3.63	5.15	5.52	14.78	26.04	2.24	2.85	1.39	1.50	1.49
19	.62	1.69	3.67	4.28	6.00	14.37	22.49	1.92	2.72	1.31	1.33	1.34
20	.70	2.09	3.17	4.90	5.96	20.02	19.40	2.01	3.41	1.63	1.24	1.74
21	.60	2.19	3.71	4.41	4.53	24.99	16.79	3.92	2.82	1.58	1.30	2.13
22	.61	2.47	4.78	4.04	4.23	27.33	14.59	4.00	2.94	1.95	1.26	2.24
23	.95	2.37	3.80	4.72	3.85	28.34	12.45	3.07	2.98	1.35	1.49	2.05
24	.58	2.51	4.10	5.57	3.31	28.70	10.38	2.31	2.38	1.08	1.59	1.89
25	.65	2.55	3.31	6.80	3.38	27.88	8.95	1.85	2.66	1.08	1.49	1.66
26	1.36	2.47	1.86	7.29	3.73	24.51	7.81	2.58	2.07	1.63	1.50	.80
27	1.41	1.93	2.01	6.85	4.27	20.41	7.07	3.16	2.32	1.93	1.85	.84
28	1.56	1.76	1.51	6.61	6.34	17.78	6.23	2.36	2.65	1.92	1.64	.69
29	1.86	1.90	1.39	7.69	8.21	15.66	6.39	2.66	3.61	2.01	1.16	.79
30	2.09	.61	1.56	9.47	---	13.52	6.09	1.45	2.91	1.81	1.24	.98
31	2.22	---	1.75	11.72	---	12.04	---	1.98	---	1.99	1.69	---
MEAN	2.21	1.82	3.01	6.98	5.58	15.37	23.50	3.13	---	1.70	1.60	1.51
MAX	8.43	2.64	6.77	14.12	12.51	28.70	40.48	6.30	---	2.71	2.36	2.24
MIN	.58	.61	1.13	1.90	3.11	3.81	6.09	1.40	---	1.08	1.16	.69

CAL YR 1999 MEAN 9.82 MAX 41.48 MIN .30

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
OCT											
18...	1400	24.8	26.5	763	2250	226	221	8.7	105	7.6	7.5
NOV											
09...	1200	19.7	27.0	770	5030	299	295	11.6	126	7.9	7.8
DEC											
06...	1530	16.1	12.5	768	2600	320	319	9.3	94	7.8	7.4
JAN											
20...	1100	12.9	17.0	765	10600	297	296	11.6	109	7.4	7.6
FEB											
17...	1230	12.1	16.0	770	9440	281	286	12.1	111	7.3	7.6
MAR											
15...	1440	19.9	--	767	63400	245	239	9.4	103	7.2	8.1
APR											
11...	1250	16.7	24.5	770	165000	104	106	5.8	59	6.2	7.2
MAY											
02...	1030	20.8	24.5	768	13300	163	170	9.6	106	7.2	7.7
JUN											
05...	1355	28.6	26.0	766	5320	206	204	7.1	91	7.8	7.4
JUL											
12...	1145	31.8	33.0	764	1710	272	268	7.3	99	7.7	7.7
AUG											
07...	1500	32.0	--	769	2170	351	350	7.9	107	7.9	7.9
SEP											
20...	1100	28.6	30.5	766	1080	449	440	8.0	103	7.9	7.7

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)
OCT											
18...	0	47	39	--	--	.56	.43	.43	.30	.028	.014
NOV											
09...	0	72	59	--	--	.51	.39	--	--	<.020	<.010
DEC											
06...	0	62	51	--	--	.44	.40	.22	.18	.030	<.010
JAN											
20...	0	50	41	K41	K39	.72	.43	.43	.13	.023	<.010
FEB											
17...	0	56	46	--	--	.80	1.0	.37	.62	.043	<.010
MAR											
15...	0	47	39	--	--	1.6	.79	.95	.13	.106	<.010
APR											
11...	0	27	22	60	70	.76	.50	.55	.28	.033	<.010
MAY											
02...	0	40	34	K2	K2	.68	.50	--	--	<.020	.010
JUN											
05...	0	51	42	--	--	.73	.60	.34	.22	.025	<.010
JUL											
12...	0	62	51	--	--	.44	.32	.29	.18	.027	<.010
AUG											
07...	0	74	61	--	--	.53	.32	--	--	<.020	.013
SEP											
20...	0	73	68	--	K3	--	--	.32	.22	.026	<.010

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 1999 TO SEPTEMBER 2000

DATE	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
OCT											
18...	.093	.33	.46	.107	.04	.412	.046	.031	.072	.014	.010
NOV											
09...	--	.24	.36	.147	--	--	--	.074	.074	.034	.024
DEC											
06...	--	.21	.25	.191	.04	--	--	.077	.073	.040	.025
JAN											
20...	--	.16	.45	.269	.03	--	--	.055	.068	.025	.018
FEB											
17...	--	.66	.42	.387	.06	--	--	.055	.071	.025	.018
MAR											
15...	--	.23	1.1	.561	.14	--	--	.052	.380	.008	.017
APR											
11...	--	.32	.58	.181	.04	--	--	--	.160	.018	<.010
MAY											
02...	.298	.19	.38	.308	--	1.32	.033	--	.055	.008	<.010
JUN											
05...	--	.24	.37	.355	.03	--	--	.058	.089	.033	.019
JUL											
12...	--	.20	.32	.120	.03	--	--	--	.064	E.031	<.010
AUG											
07...	.091	.22	.43	.104	--	.403	.043	.031	.064	.025	.010
SEP											
20...	--	.25	.35	<.050	.03	--	--	.095	.060	.036	.031

DATE	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
OCT										
18...	5.1	.9	53	15	14.9	3.95	19.6	1	43	2.7
NOV										
09...	5.0	.5	70	11	20.7	4.50	30.0	2	47	3.1
DEC										
06...	5.3	.2	70	19	20.6	4.52	33.7	2	50	2.8
JAN										
20...	4.6	.3	66	25	18.2	4.92	30.2	2	49	2.6
FEB										
17...	4.7	.3	72	26	19.2	5.86	25.7	1	43	2.7
MAR										
15...	2.7	3.3	76	37	18.4	7.32	16.0	.8	31	2.5
APR										
11...	6.0	1.2	37	15	11.0	2.29	3.7	.3	17	2.0
MAY										
02...	4.5	.6	56	23	15.7	4.04	8.9	.5	25	1.8
JUN										
05...	5.6	.8	57	15	16.7	3.62	15.0	.9	36	2.0
JUL										
12...	4.3	.9	73	23	20.4	5.46	22.1	1	39	2.3
AUG										
07...	4.8	.6	87	26	23.6	6.74	32.6	2	44	2.9
SEP										
20...	5.0	.4	110	46	27.3	9.06	43.6	2	46	3.2

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT										
18...	17.3	31.4	.1	3.8	10	4	130	118	790	.18
NOV										
09...	21.5	41.1	.2	4.3	E10	3	177	162	2400	.24
DEC										
06...	31.7	40.3	.1	4.6	10	8	185	170	1300	.25
JAN										
20...	30.3	44.2	<.1	4.9	20	4	178	161	5090	.24
FEB										
17...	18.5	49.8	<.1	5.4	30	21	169	157	4310	.23
MAR										
15...	10.6	54.0	.1	4.0	<10	33	147	139	25200	.20
APR										
11...	3.0	13.8	<.1	5.5	70	86	74	56	33000	.10
MAY										
02...	7.5	25.0	<.1	6.3	40	2	100	90	3590	.14
JUN										
05...	11.9	28.6	<.1	4.0	20	10	120	108	1720	.16
JUL										
12...	19.7	35.9	<.1	1.2	<10	9	155	138	716	.21
AUG										
07...	27.9	57.0	<.1	1.1	<10	10	202	189	1180	.27
SEP										
20...	36.9	78.0	.1	.9	E10	3	255	235	744	.35

DATE	TIME	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	LEAD, DISSOLVED (UG/L AS PB) (01049)
NOV									
09...	1200	<2.0	60	<1	<1.0	<.8	<1	1	<1

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV								
09...	2	1	<1	<1	<1	5	<2.4	<1

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 1999 TO SEPTEMBER 2000

DATE	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	PROMETON, WATER, DISS, REC (UG/L) (04037)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DISSOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLORPYRIFOS DISSOLVED (UG/L) (38933)	LINDANE DISSOLVED (UG/L) (39341)	DIELDRIN DISSOLVED (UG/L) (39381)
NOV											
09...	<.007	<.002	<.005	E.014	.021	<.003	<.002	<.006	<.004	<.004	<.001
APR											
11...	<.007	<.002	.037	E.009	<.004	<.003	<.002	<.006	E.003	<.004	<.001
MAY											
02...	<.007	<.002	.021	<.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUN											
05...	<.007	<.002	.012	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001
JUL											
12...	<.007	<.002	.010	E.005	<.004	<.003	<.002	<.006	<.004	<.004	<.001

DATE	METOLACHLOR WATER DISSOLV (UG/L) (39415)	MALATHION, DISSOLVED (UG/L) (39532)	PARATHION, DISSOLVED (UG/L) (39542)	DIAZINON, DISSOLVED (UG/L) (39572)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
NOV											
09...	.021	<.005	<.004	E.003	<.002	<.002	<.004	<.003	.008	<.004	<.002
APR											
11...	.071	<.005	<.004	.008	<.002	<.002	<.004	<.003	<.002	<.004	<.002
MAY											
02...	.039	<.005	<.004	.006	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUN											
05...	.044	<.005	<.004	.006	<.002	<.002	<.004	<.003	<.002	<.004	<.002
JUL											
12...	.010	<.005	<.004	<.002	<.002	<.002	<.004	<.003	<.002	<.004	<.002

DATE	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
NOV											
09...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
APR											
11...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
MAY											
02...	<.007	<.002	<.006	.009	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUN											
05...	<.020	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
JUL											
12...	<.007	<.002	<.006	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
NOV											
09...	<.017	<.001	<.004	<.003	<.002	<.002	<.009	<.003	<.013	<.001	<.005
APR											
11...	<.017	<.001	<.004	E.006	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAY											
02...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUN											
05...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	--	<.001	<.005
JUL											
12...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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...	1400	2250	14	85	75
NOV					
09...	1200	5030	17	231	96
DEC					
06...	1530	2600	11	77	98
JAN					
20...	1100	10600	22	630	80
FEB					
17...	1230	9440	13	331	90
MAR					
15...	1440	63400	507	86800	85
APR					
11...	1250	165000	214	95300	53
MAY					
02...	1030	13300	17	610	81
JUN					
05...	1355	5320	24	345	91
JUL					
12...	1145	1710	20	92	86
AUG					
07...	1500	2170	18	105	82
SEP					
20...	1100	1080	10	29	91

02469800 SATILPA CREEK NEAR COFFEEVILLE, AL

LOCATION.--Lat 31°44'39", long 88°01'21", in SW$^1/_4$SW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	16	17	38	75	54	104	31	7.3	28	9.6	3.5
2	12	22	17	37	65	47	109	29	7.0	17	17	3.9
3	11	23	17	37	59	42	174	29	6.6	12	57	3.6
4	11	19	17	73	56	92	870	31	6.3	9.7	43	3.3
5	13	18	19	98	51	95	465	28	6.3	8.3	25	3.1
6	17	16	25	66	47	66	232	26	9.0	7.2	16	3.5
7	12	15	29	52	46	53	167	24	9.0	6.5	12	4.9
8	11	15	23	46	46	46	131	22	7.2	5.9	9.2	6.3
9	49	14	22	46	44	42	106	21	6.4	5.5	7.8	5.7
10	264	14	25	193	43	41	96	20	5.9	5.3	7.0	4.9
11	304	14	28	163	43	49	88	20	5.5	5.4	7.8	4.2
12	85	14	27	94	42	87	83	19	5.2	5.0	6.6	3.9
13	52	14	60	74	42	68	173	18	5.3	4.6	9.5	13
14	39	14	82	62	48	52	177	17	5.2	4.4	7.5	27
15	31	15	49	53	52	46	128	15	5.5	4.1	6.0	14
16	26	15	35	49	43	44	103	15	6.6	4.0	5.1	9.6
17	23	15	29	48	40	43	88	14	15	4.4	4.6	6.7
18	21	15	29	47	39	41	75	14	35	5.3	4.1	5.4
19	19	15	96	49	39	484	65	14	18	4.9	3.8	4.7
20	18	18	85	56	36	1620	59	13	16	5.3	3.6	4.7
21	17	33	136	50	34	596	54	13	14	4.3	3.4	4.7
22	17	32	158	43	33	239	49	13	11	3.9	3.2	8.7
23	17	25	88	50	32	170	45	12	9.2	3.7	3.2	9.7
24	16	22	66	97	32	134	51	11	7.6	3.5	3.1	9.0
25	15	20	55	97	31	114	58	10	6.7	3.5	3.2	7.5
26	15	19	49	71	31	112	48	9.8	10	3.5	3.1	6.1
27	15	19	45	58	74	262	42	9.1	9.8	5.6	3.2	5.2
28	15	18	43	58	123	230	39	8.9	9.0	8.2	3.2	4.7
29	15	18	41	112	72	142	36	8.8	45	7.7	3.2	4.3
30	14	17	39	108	---	135	33	8.5	64	6.9	3.0	4.1
31	14	---	38	88	---	128	---	7.9	---	7.9	2.9	---
TOTAL	1204	544	1489	2213	1418	5374	3948	532.0	374.6	211.5	296.9	199.9
MEAN	38.8	18.1	48.0	71.4	48.9	173	132	17.2	12.5	6.82	9.58	6.66
MAX	304	33	158	193	123	1620	870	31	64	28	57	27
MIN	11	14	17	37	31	41	33	7.9	5.2	3.5	2.9	3.1
CFSM	.24	.11	.29	.44	.30	1.06	.80	.10	.08	.04	.06	.04
IN.	.27	.12	.34	.50	.32	1.22	.90	.12	.08	.05	.07	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2000, BY WATER YEAR (WY)

MEAN	70.1	141	253	390	466	536	382	194	127	92.5	64.2	59.3
MAX	402	515	1681	1132	1802	1325	1299	1025	574	542	289	287
(WY)	1976	1998	1962	1990	1961	1976	1979	1980	1997	1989	1975	1998
MIN	5.43	8.66	31.0	45.8	48.9	155	60.1	17.2	11.0	6.82	9.58	6.66
(WY)	1964	1964	1964	1981	2000	1957	1963	2000	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1957 - 2000	
ANNUAL TOTAL	66848.6		17804.9			
ANNUAL MEAN	183		48.6		230	
HIGHEST ANNUAL MEAN					408	1983
LOWEST ANNUAL MEAN					48.6	2000
HIGHEST DAILY MEAN	12200	Jan 31	1620	Mar 20	15300	Mar 4 1979
LOWEST DAILY MEAN	8.2	Sep 26	2.9	Aug 31	2.9	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	8.7	Sep 22	3.1	Aug 25	3.1	Aug 25 2000
INSTANTANEOUS PEAK FLOW			1980	Mar 20	25600	Jul 8 1956
INSTANTANEOUS PEAK STAGE			12.73	Mar 20	18.37	Jul 8 1956
ANNUAL RUNOFF (CFSM)	1.12		.30		1.40	
ANNUAL RUNOFF (INCHES)	15.16		4.04		19.06	
10 PERCENT EXCEEDS	262		97		481	
50 PERCENT EXCEEDS	50		20		88	
90 PERCENT EXCEEDS	14		4.7		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 SW$^1/_4$ 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 mi^2.
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: Oct. 1-8, 12-16, Dec. 23-31, May 4-17. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e.05	.26	.47	.46	1.7	5.2	4.4	.30	.10	1.1	2.3	.00
2	e.03	.60	1.1	.44	1.4	4.5	4.3	.20	.06	.97	1.4	.00
3	e.02	.31	2.1	.79	1.1	4.4	50	.17	.06	.98	.90	.00
4	e.02	.26	1.8	5.4	1.2	14	86	e.10	.08	.61	.16	.00
5	e.02	.29	1.9	1.5	1.1	6.7	15	e.08	.14	.49	.08	.00
6	e.02	.20	1.7	.77	1.2	5.1	8.9	e.06	.14	.50	.14	.00
7	e.02	.19	.99	.94	1.2	4.3	6.3	e.05	.17	.40	.09	.00
8	e.02	.19	.82	.97	1.2	3.8	4.7	e.05	.20	.23	.13	.52
9	8.6	.16	.81	1.6	1.3	3.7	3.6	e.04	.16	.17	.20	1.2
10	55	.25	1.0	15	1.2	3.5	3.2	e.04	.13	.11	.46	1.6
11	4.6	.28	1.3	2.0	1.5	7.4	2.8	e.04	.11	.06	5.4	1.8
12	e1.0	.24	1.3	1.0	1.3	7.2	2.5	e.03	.12	.02	.05	1.9
13	e.50	.28	3.6	.95	1.2	4.7	2.5	e.03	.13	.00	.01	1.4
14	e.20	.30	1.3	1.5	1.6	3.8	2.8	e.03	.08	.00	.23	1.1
15	e.10	.35	.74	1.3	1.3	3.7	2.4	e.02	.03	.00	.22	.89
16	e.07	.34	.46	1.1	2.0	3.4	2.1	e.02	.05	.05	.22	.54
17	.05	.22	.40	1.3	2.7	3.6	1.6	e.02	.22	.01	.29	.26
18	.05	.17	.66	1.3	2.8	3.3	1.3	.02	.28	.00	.19	.06
19	.05	.17	3.5	1.7	3.4	39	1.4	.03	.37	.00	.12	.00
20	.09	.43	.50	2.3	3.8	35	1.4	.02	.31	.00	.05	.00
21	.10	.87	10	1.7	3.3	11	1.3	.10	.36	.00	.04	.13
22	.11	.77	.89	1.7	3.5	7.2	1.2	.09	.35	.00	.00	.24
23	.06	.85	e.75	5.5	3.4	5.8	1.2	.06	.42	.00	.00	.45
24	.05	.58	e.65	7.6	3.5	4.9	1.1	.06	.43	.00	.00	.80
25	.06	.66	e.61	3.4	3.7	4.1	1.1	.02	.46	.00	.00	.76
26	.02	.78	e.59	2.5	3.8	13	1.1	.04	2.7	.00	.00	.79
27	.02	.68	e.56	2.1	21	22	.99	.02	1.1	.00	.00	.71
28	.04	.60	e.54	4.4	8.1	10	.79	.07	.95	.00	.00	.58
29	.03	.54	e.52	8.0	5.2	6.1	.72	.38	4.2	.00	.00	.39
30	.03	.48	e.49	3.3	---	7.1	.44	.14	3.0	.00	.00	.19
31	.02	---	e.47	2.4	---	6.1	---	.02	---	.00	.00	---
TOTAL	71.05	12.30	42.52	84.92	89.7	263.6	217.14	2.35	16.91	5.70	12.68	16.31
MEAN	2.29	.41	1.37	2.74	3.09	8.50	7.24	.076	.56	.18	.41	.54
MAX	55	.87	10	15	21	39	86	.38	4.2	1.1	5.4	1.9
MIN	.02	.16	.40	.44	1.1	3.3	.44	.02	.03	.00	.00	.00
CFSM	.22	.04	.13	.26	.29	.81	.69	.01	.05	.02	.04	.05
IN.	.25	.04	.15	.30	.32	.93	.77	.01	.06	.02	.04	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2000, BY WATER YEAR (WY)

MEAN	11.5	18.9	17.5	36.5	25.6	34.1	14.2	4.08	9.24	6.19	5.39	10.4
MAX	23.3	45.6	46.2	62.8	47.8	68.8	30.7	9.01	21.0	12.8	20.5	32.5
(WY)	1998	1996	1996	1998	1998	1996	1997	1997	1999	1997	1996	1998
MIN	2.29	.41	1.37	2.74	3.09	8.50	6.30	.076	.56	.18	.41	.096
(WY)	2000	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1996 - 2000	
ANNUAL TOTAL	4584.54		835.18			
ANNUAL MEAN	12.6		2.28		16.1	
HIGHEST ANNUAL MEAN					25.7	1996
LOWEST ANNUAL MEAN					2.28	2000
HIGHEST DAILY MEAN	724	Jan 30	86	Apr 4	726	Sep 29 1998
LOWEST DAILY MEAN	.02	Many days	.00	Many days	.00	2000 WY
ANNUAL SEVEN-DAY MINIMUM	.02	Sep 21	.00	Several times	.00	Several times
INSTANTANEOUS PEAK FLOW			194	Apr 4	1630	Aug 30 1996
INSTANTANEOUS PEAK STAGE			5.14	Apr 4	10.33	Aug 30 1996
ANNUAL RUNOFF (CFSM)	1.20		.22		1.53	
ANNUAL RUNOFF (INCHES)	16.24		2.96		20.84	
10 PERCENT EXCEEDS	18		4.7		31	
50 PERCENT EXCEEDS	2.1		.52		3.9	
90 PERCENT EXCEEDS	.05		.01		.11	

e Estimated

02471001 CHICKASAW CREEK NEAR KUSHLA, AL

LOCATION.--Lat 30°48'10", long 88°08'36", in SE$^1/_4$NE$^1/_4$ sec. 11, T. 3 S., R. 2 W., Mobile County, Hydrologic Unit 03160204, on left bank at upstream side of highway bridge, 0.7 mi upstream from Seabury Creek, 1.4 mi southeast of Kushla, 7 mi northwest of Mobile, and at mile 12.2.
DRAINAGE AREA.--125 mi^2.
PERIOD OF RECORD.--October 1951 to current year. Prior to October 1968, published as 02471000, Chickasaw Creek "near Whistler."
REVISED RECORDS.--WSP 1434: Drainage area.
GAGE.--Water-stage recorder. Datum of gage is 3.85 ft above sea level. Prior to Aug. 2, 1964, water-stage recorder, Aug. 3, 1964, to Dec. 9, 1965, nonrecording gage, and Dec. 10, 1965, to September 1968, water-stage recorder at site 1.4 mi upstream at different datum.
REMARKS.--Estimated daily discharges: May 2-13, 16-19, 25-28, 30, 31, July 7-19, Aug. 21-27. 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109	81	60	80	99	88	142	51	23	93	44	21
2	78	135	60	79	91	77	109	e46	23	59	99	57
3	66	102	60	78	85	71	99	e43	22	44	73	70
4	64	80	61	88	83	67	121	e41	21	36	91	61
5	63	72	69	115	79	65	139	e39	22	31	95	42
6	60	68	107	99	75	63	106	e38	29	27	59	34
7	56	65	97	87	74	60	88	e37	29	e25	44	78
8	56	66	81	81	74	59	79	e36	27	e25	37	156
9	317	63	75	85	75	58	72	e35	24	e24	43	113
10	690	62	74	289	75	57	66	e34	23	e24	35	76
11	558	63	75	376	73	69	64	e33	22	e23	126	61
12	290	62	72	209	72	137	62	e32	23	e24	112	49
13	161	62	76	144	72	110	64	e44	22	e23	67	83
14	122	62	88	129	100	84	84	64	22	e22	47	282
15	102	61	81	109	150	72	87	52	24	e22	37	159
16	89	59	72	97	106	73	80	e40	32	e21	30	91
17	82	58	68	92	88	81	72	e31	45	e23	27	58
18	76	59	77	87	82	79	70	e29	52	e23	25	44
19	72	59	238	84	79	501	60	e29	74	e21	25	37
20	69	70	235	83	73	735	58	32	65	20	24	33
21	67	80	324	79	68	396	54	30	46	30	e23	31
22	66	75	377	76	65	203	52	34	36	69	e22	51
23	64	71	212	86	64	143	50	33	30	68	e22	68
24	61	68	139	137	64	116	58	29	26	49	e20	52
25	60	66	114	193	64	104	77	e27	24	37	e23	42
26	60	66	101	137	63	96	85	e26	26	29	e21	37
27	60	66	94	109	85	108	71	e25	71	28	e20	33
28	60	63	89	100	152	115	63	e27	65	38	19	30
29	59	62	85	102	113	108	59	37	77	32	18	29
30	58	61	83	104	---	285	54	e27	129	26	17	27
31	58	---	81	106	---	229	---	e24	---	25	16	---
TOTAL	3853	2087	3525	3720	2443	4509	2345	1105	1154	1041	1361	2005
MEAN	124	69.6	114	120	84.2	145	78.2	35.6	38.5	33.6	43.9	66.8
MAX	690	135	377	376	152	735	142	64	129	93	126	282
MIN	56	58	60	76	63	57	50	24	21	20	16	21
CFSM	.99	.56	.91	.96	.67	1.16	.63	.29	.31	.27	.35	.53
IN.	1.15	.62	1.05	1.11	.73	1.34	.70	.33	.34	.31	.41	.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2000, BY WATER YEAR (WY)

MEAN	168	205	273	364	406	416	386	267	209	214	216	213
MAX	742	1021	761	986	769	1082	1792	1156	1039	769	941	1255
(WY)	1976	1962	1962	1998	1997	1990	1955	1991	1959	1997	1975	1998
MIN	33.5	52.5	114	120	84.2	84.5	78.2	35.6	38.5	33.6	29.0	30.0
(WY)	1964	1964	2000	2000	2000	1955	2000	2000	2000	2000	1954	1954

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1952 - 2000	
ANNUAL TOTAL	58415		29148			
ANNUAL MEAN	160		79.6		277	
HIGHEST ANNUAL MEAN					495	1980
LOWEST ANNUAL MEAN					79.6	2000
HIGHEST DAILY MEAN	2240	Mar 14	735	Mar 20	17700	Apr 13 1955
LOWEST DAILY MEAN	46	Sep 27	16	Aug 31	16	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	48	Sep 21	19	Aug 26	19	Aug 26 2000
INSTANTANEOUS PEAK FLOW			824	Mar 19	* 42000	Apr 13 1955
INSTANTANEOUS PEAK STAGE			8.77	Mar 19	** 25.40	Apr 13 1955
ANNUAL RUNOFF (CFSM)	1.28		.64		2.22	
ANNUAL RUNOFF (INCHES)	17.38		8.67		30.15	
10 PERCENT EXCEEDS	279		127		542	
50 PERCENT EXCEEDS	97		65		168	
90 PERCENT EXCEEDS	60		24		68	

* From rating curve extended above 20,000 ft^3/s on basis of slope-area measurement of peak flow.
** Site and datum then in use.
e Estimated

MOBILE RIVER BASIN

0247100550 EIGHTMILE CREEK AT MOBILE, AL

LOCATION.--Lat 30°44'05", long 88°09'39", in SE$^1/_4$ sec. 34, T. 35 S., R. 2 W., Mobile County, Hydrologic Unit 03160204, at High Point Boulevard approximately 1.0 mi downstream of U.S. Highway 98, in Mobile City limits, and at mile 7.0.
DRAINAGE AREA.--23.2 mi^2.
PERIOD OF RECORD.--October 1996 to September 2000 (discontinued).
GAGE.--Water-stage recorder. Datum of gage is 50 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	46	31	37	37	35	38	28	27	29	65	44
2	39	36	31	37	37	34	37	29	26	27	104	57
3	39	33	32	38	36	34	39	29	26	26	42	35
4	40	33	32	45	36	35	50	29	26	25	35	27
5	39	33	39	38	35	34	37	28	33	25	29	25
6	37	33	35	37	36	33	35	27	40	23	27	26
7	38	33	32	36	36	32	34	27	29	23	27	82
8	44	34	32	36	37	33	33	28	25	23	26	54
9	158	33	33	46	37	33	32	27	25	26	25	35
10	120	34	33	84	36	33	32	29	25	26	31	31
11	80	34	32	46	36	35	32	26	24	24	56	38
12	44	34	33	40	36	34	32	26	24	27	30	29
13	41	34	40	39	38	32	35	30	24	23	26	40
14	39	35	33	37	47	32	57	39	24	24	25	42
15	37	34	32	37	37	33	38	29	49	24	24	28
16	36	34	31	37	36	44	34	26	37	29	24	25
17	36	34	31	37	37	41	33	27	43	32	23	24
18	35	34	46	36	37	37	31	27	53	29	23	23
19	34	34	57	37	36	206	31	26	60	24	22	23
20	34	52	36	36	35	62	31	35	32	22	23	23
21	35	43	97	35	35	40	30	31	29	30	26	24
22	34	37	52	36	35	37	29	37	27	36	23	28
23	32	36	41	53	35	36	30	29	26	38	23	25
24	32	35	40	60	35	34	49	27	25	27	23	23
25	33	35	39	41	35	33	36	27	25	24	23	23
26	34	36	38	38	35	34	37	26	54	24	23	22
27	33	34	38	37	53	40	38	25	46	22	36	22
28	32	34	38	39	39	35	33	37	35	24	33	e21
29	32	34	38	38	36	93	30	63	36	22	25	e21
30	33	33	37	42	---	131	30	31	36	22	23	e21
31	34	---	37	39	---	44	---	27	---	23	23	---
TOTAL	1375	1064	1196	1274	1076	1449	1063	932	991	803	968	941
MEAN	44.4	35.5	38.6	41.1	37.1	46.7	35.4	30.1	33.0	25.9	31.2	31.4
MAX	158	52	97	84	53	206	57	63	60	38	104	82
MIN	32	33	31	35	35	32	29	25	24	22	22	21
CFSM	1.91	1.53	1.66	1.77	1.60	2.01	1.53	1.30	1.42	1.12	1.35	1.35
IN.	2.20	1.71	1.92	2.04	1.73	2.32	1.70	1.49	1.59	1.29	1.55	1.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2000, BY WATER YEAR (WY)

MEAN	60.3	63.6	61.0	83.3	64.2	81.4	56.3	49.4	60.1	80.9	52.3	70.4
MAX	85.5	98.4	78.8	161	92.7	128	80.5	76.3	94.4	183	83.0	146
(WY)	1999	1998	1998	1998	1998	1998	1998	1997	1997	1997	1997	1998
MIN	44.4	35.5	38.6	41.1	37.1	46.7	35.4	30.1	33.0	25.9	31.2	31.4
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1997 - 2000	
ANNUAL TOTAL	18593		13132			
ANNUAL MEAN	50.9		35.9		65.3	
HIGHEST ANNUAL MEAN					88.9	1998
LOWEST ANNUAL MEAN					35.9	2000
HIGHEST DAILY MEAN	421	Mar 14	206	Mar 19	1500	Sep 28 1998
LOWEST DAILY MEAN	30	May 22	21	Sep 28-30	21	Sep 28-30 2000
ANNUAL SEVEN-DAY MINIMUM	32	May 16	22	Sep 24	22	Sep 24 2000
INSTANTANEOUS PEAK FLOW			332	Mar 19	3490	Jul 19 1997
INSTANTANEOUS PEAK STAGE			4.58	Mar 19	8.80	Jul 19 1997
ANNUAL RUNOFF (CFSM)	2.20		1.55		2.82	
ANNUAL RUNOFF (INCHES)	29.81		21.06		38.25	
10 PERCENT EXCEEDS	71		44		99	
50 PERCENT EXCEEDS	43		34		51	
90 PERCENT EXCEEDS	33		24		32	

e Estimated

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL

LOCATION.--Lat 30°42'22", long 88°09'04", in SW$^1/_4$ 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 mi^2.

WATER-STAGE RECORDS

PERIOD OF RECORD.--December 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, 71.44 ft, Mar. 29, 2000; minimum gage height, 67.34 ft, Aug. 19, 2000.
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 71.44 ft, Mar. 29; minimum gage height, 67.34 ft, Aug. 19.
REMARKS.--Records good.

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	67.94	67.81	67.80	67.84	68.21	68.23
2	---	---	---	67.90	67.90	67.84	67.92	67.84	67.80	67.81	68.19	68.20
3	---	---	67.90	67.90	67.90	67.84	67.96	67.82	67.81	67.79	68.12	67.95
4	---	---	67.91	68.00	67.88	67.83	68.02	67.82	67.79	67.79	67.99	67.77
5	---	---	67.98	67.89	67.87	67.84	67.90	67.81	67.93	67.79	67.85	67.79
6	---	---	67.91	67.89	67.88	67.83	67.89	67.83	67.93	67.77	67.82	67.83
7	---	---	67.90	67.89	67.87	67.83	67.89	67.82	67.80	67.77	67.82	68.59
8	---	---	67.90	67.89	67.88	67.83	67.87	67.80	67.88	67.78	67.82	68.20
9	---	---	67.95	68.00	67.88	67.84	67.87	67.82	67.82	67.96	67.91	67.92
10	---	---	67.96	68.22	67.89	67.84	67.87	67.80	67.80	67.87	68.21	67.87
11	---	---	67.92	67.93	67.88	68.02	67.87	67.80	67.80	68.05	68.17	67.88
12	---	---	67.92	67.90	67.88	67.90	67.89	67.80	67.79	68.11	67.86	67.86
13	---	---	68.09	67.90	67.92	67.83	67.87	67.98	67.79	67.83	67.78	68.22
14	---	---	67.94	67.89	68.16	67.84	67.97	67.96	67.78	67.80	67.76	68.42
15	---	---	67.92	67.88	67.89	67.87	67.86	67.83	68.20	67.78	67.79	68.14
16	---	---	67.92	67.89	67.88	68.07	67.86	67.80	68.04	68.07	67.71	67.85
17	---	---	67.92	67.89	67.87	67.95	67.84	67.82	68.08	68.11	67.69	67.83
18	---	---	68.21	67.89	67.87	67.93	67.82	67.80	68.39	67.92	67.70	67.83
19	---	---	68.13	67.90	67.85	69.04	67.83	67.82	68.21	67.78	67.69	67.83
20	---	---	67.96	67.87	67.84	68.27	67.82	67.82	67.87	67.74	67.88	67.85
21	---	---	68.55	67.87	67.84	67.95	67.83	67.96	67.84	67.95	67.93	67.85
22	---	---	68.02	67.89	67.84	67.83	67.81	68.20	67.82	68.03	67.81	67.87
23	---	---	67.93	68.16	67.84	67.82	67.84	67.83	67.81	68.00	67.79	67.82
24	---	---	67.92	68.20	67.85	67.81	68.13	67.83	67.80	67.85	67.78	67.82
25	---	---	67.91	67.92	67.85	67.81	67.90	67.81	67.81	67.77	67.76	67.83
26	---	---	67.91	67.90	67.84	67.85	67.95	67.80	68.09	67.79	67.73	67.80
27	---	---	67.91	67.89	68.07	67.98	67.93	67.81	68.11	67.76	67.94	67.81
28	---	---	67.91	67.93	67.86	67.85	67.84	68.07	68.05	67.75	68.00	67.81
29	---	---	67.91	67.91	67.84	68.57	67.83	68.13	68.02	67.78	67.76	67.81
30	---	---	67.91	67.99	---	68.41	67.82	67.83	67.91	67.80	67.76	67.81
31	---	---	67.90	67.92	---	68.22	---	67.81	---	67.82	67.80	---
MEAN	---	---	---	67.94	67.89	67.97	67.89	67.86	67.92	67.86	67.87	67.94
MAX	---	---	---	68.22	68.16	69.04	68.13	68.20	68.39	68.11	68.21	68.59
MIN-	--	---	---	67.87	67.84	67.81	67.81	67.80	67.78	67.74	67.69	67.77

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.
INSTRUMENTATION.--Water-quality monitor since December 1999.
REMARKS.--Records good.
EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE.--Maximum, 91 microSiemens, Aug. 29, 2000; minimum, 37 microSiemens, Mar. 19, 2000.
WATER TEMPERATURE.--Maximum, 35.1°C, July 15, 2000; minimum, 8.8°C, Jan. 31, 2000.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE.--Maximum, 91 microSiemens, Aug. 29; minimum, 37 microSiemens, Mar. 19.
WATER TEMPERATURE.--Maximum, 35.1°C, July 15; minimum, 8.8°C, Jan. 31.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
MAR											
13...	1100	19.8	18.6	775	67.83	9.2	2.5	10	72	76	8.6
APR											
25...	1430	24.9	25.2	E768	67.86	8.7	2.6	10	71	71	8.2
JUL											
26...	0900	29.8	28.2	769	67.80	5.1	3.0	20	70	79	6.9
SEP											
12...	1300	30.2	34.0	768	67.86	7.7	3.4	30	58	58	7.2

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)
MAR											
13...	92	--	6.8	7.7	0	28	23	K100	K69	K33	<.1
APR											
25...	99	--	7.4	7.3	0	29	23	370	420	90	<.1
JUL											
26...	91	1.0	7.2	7.7	0	36	30	K530	140	30	<.1
SEP											
12...	96	1.2	6.7	7.4	0	22	18	110	K38	K23	<.1

DATE	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)
MAR											
13...	<.1	--	--	--	--	.060	.06	<.010	<.01	<.20	<.20
APR											
25...	<.1	--	--	--	--	.050	.06	<.010	<.01	<.20	<.20
JUL											
26...	<.1	.36	.32	.26	.21	.070	.06	<.010	<.01	.28	.32
SEP											
12...	<.1	.57	.48	.24	.15	.150	.15	<.010	<.01	.30	.39

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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-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)
MAR											
13...	1.8	.240	.08	.08	--	.006	--	.020	.008	<.001	1.9
APR											
25...	.1	.080	.08	.06	--	.003	--	.002	<.002	<.001	2.0
JUL											
26...	M	.040	.08	.09	1.6	.015	.018	.026	.012	.006	2.8
SEP											
12...	.2	.180	.19	.19	2.5	.025	.015	.029	.012	.005	2.4

DATE	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)
MAR											
13...	.002	26	3	8.40	1.20	3.3	.3	21	.6	5.2	2.2
APR											
25...	.001	26	2	8.50	1.10	3.1	.3	21	.3	4.7	2.2
JUL											
26...	.005	29	--	9.90	1.10	2.2	.2	13	1.2	4.2	1.9
SEP											
12...	.008	21	3	7.00	.80	1.8	.2	15	.9	3.1	2.6

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 DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAR											
13...	<.1	3.8	12	730	350	48	32	45	40	1.12	.06
APR											
25...	<.1	3.0	13	850	330	41	10	44	38	1.03	.06
JUL											
26...	<.1	4.5	14	1600	830	80	39	E84	44	.61	.06
SEP											
12...	<.1	3.8	11	1400	390	68	23	37	32	.77	.05

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 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	70	67	69
2	---	---	---	---	---	---	---	---	---	71	70	70
3	---	---	---	---	---	---	---	---	---	73	71	72
4	---	---	---	---	---	---	---	---	---	73	72	72
5	---	---	---	---	---	---	---	---	---	75	71	73
6	---	---	---	---	---	---	---	---	---	75	74	74
7	---	---	---	---	---	---	---	---	---	76	74	75
8	---	---	---	---	---	---	---	---	---	76	75	76
9	---	---	---	---	---	---	---	---	---	77	76	77
10	---	---	---	---	---	---	---	---	---	77	75	76
11	---	---	---	---	---	---	---	---	---	75	74	75
12	---	---	---	---	---	---	---	---	---	74	73	74
13	---	---	---	---	---	---	---	---	---	74	73	73
14	---	---	---	---	---	---	---	---	---	74	72	73
15	---	---	---	---	---	---	---	---	---	73	72	72
16	---	---	---	---	---	---	73	72	73	73	72	72
17	---	---	---	---	---	---	73	72	73	73	73	73
18	---	---	---	---	---	---	73	65	72	74	73	74
19	---	---	---	---	---	---	69	66	68	79	73	75
20	---	---	---	---	---	---	68	64	66	76	74	75
21	---	---	---	---	---	---	65	51	56	75	74	74
22	---	---	---	---	---	---	55	52	53	75	73	74
23	---	---	---	---	---	---	52	49	51	75	74	74
24	---	---	---	---	---	---	51	49	50	75	73	74
25	---	---	---	---	---	---	52	50	51	75	71	73
26	---	---	---	---	---	---	55	52	53	72	71	71
27	---	---	---	---	---	---	59	54	56	72	68	70
28	---	---	---	---	---	---	62	58	59	69	68	68
29	---	---	---	---	---	---	64	60	61	69	68	68
30	---	---	---	---	---	---	66	63	64	69	68	69
31	---	---	---	---	---	---	67	65	66	70	68	69
MONTH	---	---	---	---	---	---	---	---	---	79	67	73
	FEBRUARY			MARCH			APRIL			MAY		
1	71	69	70	74	72	73	51	47	49	77	71	73
2	72	70	71	74	72	73	54	50	52	76	71	73
3	73	71	72	74	72	73	58	54	57	72	70	70
4	73	67	70	74	72	73	68	56	61	72	70	70
5	70	67	68	74	72	73	67	61	65	73	69	71
6	71	68	69	73	72	73	73	67	70	72	69	70
7	72	68	69	74	72	73	76	71	73	73	69	70
8	72	68	69	73	72	72	77	73	75	71	68	69
9	73	69	70	74	72	73	75	71	74	74	67	70
10	74	68	70	74	73	73	77	73	75	74	68	70
11	73	70	71	74	72	73	78	75	76	70	67	69
12	74	69	71	72	71	72	76	74	75	72	68	69
13	74	70	71	72	66	71	---	---	---	72	68	69
14	72	70	71	72	67	71	---	---	---	76	70	73
15	73	68	71	73	67	72	---	---	---	76	70	72
16	72	70	71	73	68	72	---	---	---	75	68	72
17	74	69	73	74	69	73	---	---	---	75	69	72
18	74	73	74	75	66	73	---	---	---	74	69	71
19	75	74	75	66	37	43	---	---	---	74	70	71
20	76	74	75	43	38	41	---	---	---	74	68	71
21	75	74	75	48	40	44	---	---	---	74	69	71
22	75	74	75	52	43	49	---	---	---	77	69	75
23	76	74	75	54	49	52	---	---	---	78	72	75
24	75	74	75	59	51	56	---	---	---	76	67	72
25	75	73	74	64	57	61	---	---	---	69	64	66
26	75	74	74	64	59	63	---	---	---	67	63	65
27	74	73	74	69	60	65	74	69	72	67	62	64
28	74	73	74	72	67	70	78	70	72	68	63	65
29	74	72	73	72	43	62	79	70	72	74	64	67
30	---	---	---	45	40	42	72	70	71	74	64	68
31	---	---	---	47	42	45	---	---	---	68	60	64
MONTH	76	67	72	75	37	64	---	---	---	78	60	70

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 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	72	58	64	65	61	63	83	70	75	72	61	67
2	65	55	60	66	61	64	89	76	82	68	60	64
3	62	56	59	66	62	65	80	66	76	66	58	62
4	68	55	60	74	65	67	---	---	---	68	55	61
5	61	50	56	77	65	71	---	---	---	67	58	62
6	52	48	50	74	58	65	---	---	---	74	58	64
7	54	51	52	70	58	62	---	---	---	76	59	64
8	56	53	54	70	60	62	---	---	---	67	49	54
9	59	54	56	63	57	61	---	---	---	88	48	64
10	60	56	58	65	57	61	---	---	---	57	51	53
11	64	60	61	72	60	63	---	---	---	68	50	56
12	65	61	63	85	68	77	---	---	---	75	49	59
13	68	61	64	68	64	67	---	---	---	65	58	61
14	73	59	64	65	62	63	---	---	---	71	62	67
15	73	57	64	64	60	62	---	---	---	66	58	62
16	74	58	65	74	59	64	---	---	---	68	60	65
17	86	61	69	86	73	77	---	---	---	73	64	68
18	65	57	62	77	70	74	---	---	---	67	62	64
19	57	49	54	71	63	67	---	---	---	69	60	65
20	52	47	49	66	63	64	---	---	---	68	62	64
21	51	46	47	69	64	67	---	---	---	71	65	68
22	48	45	46	78	69	73	---	---	---	73	69	71
23	49	47	48	81	73	77	---	---	---	74	70	72
24	51	48	50	79	75	77	---	---	---	75	71	72
25	53	48	50	76	73	75	72	67	69	76	67	70
26	55	47	51	76	71	74	71	68	69	68	66	67
27	65	55	61	76	71	74	75	67	70	68	66	68
28	65	61	63	77	70	73	76	70	73	70	67	68
29	63	60	62	74	69	72	91	66	77	72	67	68
30	64	60	62	73	69	71	71	65	68	73	69	70
31	---	---	---	74	69	72	69	66	67	---	---	---
MONTH	86	45	57	86	57	69	---	---	---	88	48	65

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	16.1	13.0	14.3
2	---	---	---	---	---	---	---	---	---	16.2	14.4	15.1
3	---	---	---	---	---	---	---	---	---	18.3	16.0	16.8
4	---	---	---	---	---	---	---	---	---	18.4	15.8	17.2
5	---	---	---	---	---	---	---	---	---	15.8	14.0	14.8
6	---	---	---	---	---	---	---	---	---	14.8	13.3	13.9
7	---	---	---	---	---	---	---	---	---	13.6	12.8	13.2
8	---	---	---	---	---	---	---	---	---	14.5	12.7	13.5
9	---	---	---	---	---	---	---	---	---	17.2	14.3	16.1
10	---	---	---	---	---	---	---	---	---	18.2	16.5	17.3
11	---	---	---	---	---	---	---	---	---	18.9	16.5	17.5
12	---	---	---	---	---	---	---	---	---	19.5	16.9	18.2
13	---	---	---	---	---	---	---	---	---	19.3	17.8	18.6
14	---	---	---	---	---	---	---	---	---	17.8	15.4	16.6
15	---	---	---	---	---	---	---	---	---	15.5	14.4	15.0
16	---	---	---	---	---	---	15.3	14.0	14.6	16.5	14.3	15.2
17	---	---	---	---	---	---	14.0	13.3	13.5	17.3	14.8	16.0
18	---	---	---	---	---	---	13.3	12.7	13.0	17.4	15.9	16.7
19	---	---	---	---	---	---	12.7	12.4	12.5	18.0	17.0	17.5
20	---	---	---	---	---	---	13.0	12.3	12.6	17.6	16.0	17.1
21	---	---	---	---	---	---	12.8	12.1	12.5	16.0	14.4	15.0
22	---	---	---	---	---	---	12.5	11.6	11.9	14.7	14.0	14.3
23	---	---	---	---	---	---	12.2	11.0	11.6	15.2	14.6	15.0
24	---	---	---	---	---	---	12.2	10.6	11.4	15.0	13.2	14.0
25	---	---	---	---	---	---	11.4	10.4	10.9	13.2	11.4	12.4
26	---	---	---	---	---	---	11.3	9.7	10.5	11.4	10.5	10.9
27	---	---	---	---	---	---	12.9	10.1	11.2	10.7	9.7	10.1
28	---	---	---	---	---	---	11.6	10.4	11.0	10.0	9.1	9.3
29	---	---	---	---	---	---	11.2	10.2	10.7	9.4	9.1	9.2
30	---	---	---	---	---	---	12.9	10.2	11.4	10.0	9.3	9.5
31	---	---	---	---	---	---	13.9	11.6	12.6	10.2	8.8	9.5
MONTH	---	---	---	---	---	---	---	---	---	19.5	8.8	14.5

MOBILE RIVER BASIN

02471013 THREEMILE CREEK AT ZEIGLER BOULEVARD AT SPRING HILL, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	10.4	9.4	9.9	21.6	18.9	20.2	23.2	21.5	22.2	26.4	24.1	25.2
2	11.8	9.9	10.7	23.2	20.1	21.4	25.4	21.9	23.2	26.9	25.0	25.9
3	13.5	10.4	11.8	21.9	20.6	21.2	24.1	22.9	23.7	27.4	25.1	26.2
4	13.1	11.4	12.2	21.3	19.8	20.5	22.9	21.2	21.9	27.6	25.5	26.5
5	12.5	11.0	11.7	22.7	19.2	20.6	23.3	20.1	21.3	28.7	26.1	27.2
6	13.6	10.5	11.7	22.0	19.1	20.3	23.4	20.0	21.5	29.2	26.7	27.7
7	14.0	11.0	12.2	21.4	19.4	20.4	23.6	20.9	22.2	29.4	27.0	28.1
8	12.5	11.7	12.0	21.9	20.0	21.0	22.5	21.1	22.0	28.9	27.0	27.9
9	14.6	11.0	12.6	23.4	21.2	22.3	22.4	19.9	20.9	28.6	27.0	27.8
10	14.6	12.2	13.5	24.9	22.4	23.5	21.9	19.6	20.6	29.5	27.0	28.2
11	16.5	13.9	15.2	23.7	21.5	23.0	22.1	20.1	21.1	31.1	27.7	29.3
12	18.9	16.0	17.2	21.5	19.7	20.5	24.2	21.0	22.5	31.3	28.6	29.9
13	18.7	17.6	18.1	20.8	18.7	19.6	24.0	22.5	23.2	30.9	29.0	29.8
14	20.2	18.5	19.3	19.8	18.4	19.2	23.1	22.2	22.6	29.9	27.6	28.5
15	19.9	18.5	19.2	19.4	18.8	19.1	22.7	21.6	22.1	28.9	26.6	27.7
16	21.4	18.7	19.6	20.9	18.8	19.7	25.4	21.7	23.3	29.0	26.2	27.5
17	20.2	19.2	19.7	22.2	19.6	20.8	25.3	23.2	24.2	29.1	26.8	28.0
18	21.7	19.5	20.4	21.2	20.0	20.6	26.2	23.4	24.7	29.2	27.5	28.3
19	21.3	19.6	20.7	20.0	18.1	18.7	26.8	24.0	25.3	30.2	28.0	29.1
20	19.6	17.8	18.6	22.1	17.4	19.3	27.0	24.9	25.9	30.0	28.2	29.1
21	18.3	16.8	17.5	20.0	17.6	18.8	26.7	25.2	25.8	29.9	28.4	29.1
22	17.9	16.4	17.1	21.5	18.3	19.9	26.9	24.2	25.4	31.3	27.5	29.1
23	17.5	16.8	17.1	22.3	19.5	20.7	25.4	24.0	24.6	30.8	27.9	29.4
24	19.1	16.9	17.9	22.8	20.3	21.4	24.7	23.3	24.0	31.0	28.8	29.8
25	19.4	18.0	18.8	23.8	20.8	22.3	24.9	22.4	23.7	31.6	29.2	30.4
26	20.4	18.9	19.6	22.6	21.2	21.9	25.1	22.6	23.6	32.1	29.8	31.0
27	21.4	19.4	20.3	22.5	20.6	21.5	24.8	22.3	23.6	32.5	30.4	31.4
28	20.5	19.0	19.7	23.3	20.3	21.7	25.2	22.8	23.9	31.8	29.9	30.9
29	20.0	18.3	19.2	22.1	20.1	21.2	27.1	23.1	24.8	31.5	28.4	29.7
30	---	---	---	25.5	20.0	22.2	26.2	23.6	24.8	31.4	27.8	29.3
31	---	---	---	24.4	20.8	22.5	---	---	---	30.9	28.5	29.6
MONTH	21.7	9.4	16.3	25.5	17.4	20.8	27.1	19.6	23.3	32.5	24.1	28.6
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.7	28.5	29.6	32.0	28.9	30.3	30.8	28.8	30.0	32.2	28.5	30.9
2	32.1	28.7	30.2	32.8	29.7	31.1	29.4	28.0	28.6	28.8	27.6	28.0
3	32.2	29.7	30.9	32.8	30.2	31.5	29.0	27.6	28.4	30.1	27.2	28.5
4	32.6	29.8	31.2	33.5	30.2	31.8	31.5	27.4	29.2	30.5	28.5	29.4
5	31.2	29.7	30.2	33.8	30.8	32.1	33.0	28.6	30.6	30.8	29.5	30.2
6	31.1	28.7	29.5	34.2	30.9	32.4	32.6	30.0	31.2	29.9	27.3	28.4
7	30.1	27.5	28.7	34.2	31.0	32.5	32.3	30.4	31.4	27.3	25.0	25.7
8	30.7	27.3	28.9	34.0	31.7	32.8	33.0	30.6	31.8	25.2	24.6	24.8
9	31.0	28.4	29.6	33.7	32.0	32.9	32.9	30.9	31.8	27.0	24.6	25.3
10	31.5	28.9	30.0	34.9	31.5	33.0	31.6	29.1	30.7	28.5	26.4	27.4
11	31.6	29.0	30.3	33.9	31.1	32.3	30.7	27.9	28.9	29.2	27.8	28.5
12	31.0	29.6	30.3	33.4	29.5	31.3	30.2	28.3	29.2	31.1	28.1	29.3
13	31.3	29.6	30.4	33.8	30.1	31.8	31.2	28.2	29.5	30.9	28.3	29.1
14	32.1	29.7	30.8	33.8	31.0	32.4	31.5	28.8	30.2	31.1	27.3	28.7
15	31.1	29.0	30.2	35.1	31.3	32.8	32.2	29.6	30.8	32.0	27.3	29.0
16	29.5	28.1	28.8	34.1	30.6	32.1	31.9	30.5	31.3	28.5	26.5	27.2
17	28.7	27.7	28.1	34.5	29.2	31.2	33.1	30.6	31.8	27.0	25.5	26.2
18	29.1	26.1	27.4	33.0	29.3	31.1	34.0	31.5	32.7	28.7	25.1	26.6
19	31.1	25.7	27.7	34.3	30.5	32.4	33.3	31.8	32.6	27.3	25.3	26.3
20	32.0	27.9	29.8	34.6	31.0	32.6	33.1	31.5	32.3	28.3	26.1	27.2
21	32.8	29.0	30.8	33.7	30.0	31.7	31.6	30.4	30.9	28.1	27.4	27.7
22	32.7	29.4	31.1	32.5	28.8	30.2	31.0	29.7	30.2	28.8	26.9	27.8
23	33.2	30.1	31.6	30.2	27.9	29.0	30.9	29.4	30.0	30.0	27.6	28.7
24	33.5	30.6	31.8	31.9	28.2	29.9	33.4	29.8	31.4	30.4	28.5	29.4
25	33.9	30.5	31.9	33.1	28.8	30.8	33.4	30.2	31.8	30.1	27.9	29.1
26	31.4	28.6	29.9	32.4	29.8	31.0	32.8	30.6	31.8	27.9	24.9	26.1
27	31.2	27.8	28.9	33.2	29.8	31.3	33.6	31.0	32.0	25.0	23.9	24.5
28	30.0	27.9	28.9	33.8	30.1	31.6	32.9	30.1	31.5	24.6	23.2	24.0
29	29.4	28.1	28.7	33.5	30.5	31.9	33.1	30.3	31.7	24.4	23.0	23.7
30	31.1	27.7	29.2	32.8	31.0	31.8	32.8	31.0	31.9	25.1	23.0	24.0
31	---	---	---	31.7	30.6	31.1	33.1	30.8	31.8	---	---	---
MONTH	33.9	25.7	29.8	35.1	27.9	31.6	34.0	27.4	30.9	32.2	23.0	27.4

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 mi^2.

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, -0.17 ft, Feb. 20, 21, 2000.
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.77 ft, Mar. 29; minimum, -0.17 ft, Feb. 20, 21.
REMARKS.--Records good.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	1.79	.52	1.17
2	---	---	---	---	---	---	---	---	---	2.05	.39	1.14
3	---	---	---	---	---	---	---	---	---	1.69	.31	.97
4	---	---	---	---	---	---	---	---	---	1.84	.26	1.03
5	---	---	---	---	---	---	---	---	---	2.07	.64	1.25
6	---	---	---	---	---	---	---	---	---	1.79	.31	1.08
7	---	---	---	---	---	---	---	---	---	1.79	.30	1.00
8	---	---	---	---	---	---	---	---	---	4.65	.30	2.01
9	---	---	---	---	---	---	---	---	---	2.06	.56	1.22
10	---	---	---	---	---	---	---	---	---	1.28	.00	.75
11	---	---	---	---	---	---	---	---	---	1.34	.06	.69
12	---	---	---	---	---	---	---	---	---	1.44	.46	1.02
13	---	---	---	---	---	---	---	---	---	1.09	.39	.76
14	---	---	---	---	---	---	---	---	---	.94	.24	.52
15	---	---	---	---	---	---	---	---	---	.49	.18	.31
16	---	---	---	---	---	---	---	---	---	.61	.00	.28
17	---	---	---	---	---	---	---	---	---	.72	.01	.20
18	---	---	---	---	---	---	---	---	---	1.20	.14	.57
19	---	---	---	---	---	---	---	---	---	1.94	1.00	1.47
20	---	---	---	---	---	---	---	---	---	2.28	1.00	1.67
21	---	---	---	---	---	---	---	---	---	2.31	.26	1.46
22	---	---	---	---	---	---	---	---	---	1.20	.21	.57
23	---	---	---	---	---	---	---	---	---	1.34	.21	.70
24	---	---	---	---	---	---	---	---	---	1.40	.48	1.02
25	---	---	---	---	---	---	---	---	---	1.85	.67	1.18
26	---	---	---	---	---	---	---	---	---	1.73	.49	1.19
27	---	---	---	---	---	---	---	---	---	1.99	.75	1.47
28	---	---	---	---	---	---	---	---	---	2.13	.59	1.30
29	---	---	---	---	---	---	---	---	---	1.97	.55	1.15
30	---	---	---	---	---	---	---	---	---	1.13	.31	.56
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	4.65	.00	.99

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

GAGE HEIGHT, FEET, 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	1.67	.26	.95	2.09	.60	1.26	.63	.14	.28	1.30	.07	.54
2	1.98	.50	1.23	1.32	.19	.64	1.27	.21	.59	1.32	.06	.51
3	2.17	.66	1.40	.49	.18	.26	1.79	.61	1.16	1.85	.08	.83
4	2.24	.55	1.40	.65	.23	.36	1.78	.76	1.27	1.73	.14	.45
5	1.30	.30	.87	.89	.19	.45	1.95	.60	1.27	.76	.06	.19
6	1.49	.41	.94	.99	.21	.53	1.39	.16	.55	1.17	.04	.33
7	1.84	1.04	1.47	1.23	.18	.50	1.66	.13	.61	1.16	.05	.29
8	2.67	1.63	2.04	1.67	.18	.75	1.65	.14	.64	1.57	.05	.47
9	4.53	1.65	2.65	1.93	.20	.88	2.07	.15	.91	1.89	.17	.84
10	4.26	1.29	2.28	1.97	.23	1.04	2.13	.19	.72	2.27	.46	1.09
11	1.92	.98	1.35	1.99	.23	.94	1.39	.16	.55	1.36	.16	.60
12	1.77	.62	1.12	1.51	.17	.63	1.89	.24	.97	.96	.10	.45
13	1.70	.47	1.08	1.57	.19	.73	2.34	.49	1.18	1.04	.08	.48
14	1.82	.40	1.00	1.51	.17	.68	1.08	.17	.58	.15	.06	.09
15	1.87	.38	1.03	1.22	.17	.48	1.17	.13	.40	.61	.05	.30
16	1.45	.32	.81	.70	.17	.36	.67	.13	.27	1.04	.05	.39
17	1.31	.27	.69	.77	.20	.43	.82	.15	.34	1.46	.05	.60
18	.68	.26	.37	1.22	.43	.72	1.62	.25	.84	1.48	.03	.56
19	1.06	.25	.51	1.46	.65	.99	1.35	.53	.87	---	---	---
20	.27	.24	.25	2.03	.61	1.23	1.12	.22	.48	---	---	---
21	.43	.22	.29	1.95	.56	1.17	2.08	.73	1.25	.94	.03	.14
22	.99	.25	.63	1.97	.25	1.04	.96	.29	.51	1.81	.04	.68
23	.75	.21	.34	1.96	.18	.93	.87	.18	.36	1.85	.42	.91
24	.57	.19	.30	1.87	.17	.77	.89	.15	.29	1.70	.31	.68
25	1.28	.21	.48	1.71	.15	.65	.36	.13	.17	.31	.13	.19
26	1.60	.18	.65	1.71	.16	.65	.53	.12	.23	.13	.10	.11
27	1.62	.18	.69	1.62	.14	.65	.43	.12	.24	.34	.09	.16
28	1.63	.17	.69	1.38	.14	.56	.43	.10	.21	1.26	.10	.57
29	1.76	.19	.86	1.02	.14	.37	.49	.11	.22	.97	.15	.45
30	1.97	.39	1.14	.16	.13	.14	.69	.10	.30	.59	.09	.30
31	2.10	.39	1.21	---	---	---	1.15	.08	.51	.72	.12	.28
MONTH	4.53	.17	.99	2.09	.13	.69	2.34	.08	.61	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	1.05	.09	.44	1.50	.06	.77	1.67	.60	1.07	1.36	.41	.82
2	.97	.08	.31	1.38	.04	.54	1.85	.54	1.05	1.51	.52	1.06
3	1.69	.07	.40	2.01	.03	.85	2.00	.77	1.53	1.73	.24	1.04
4	1.62	.00	.60	2.01	.02	.51	1.35	.45	.72	1.84	.25	1.09
5	.34	-.07	.05	1.19	.02	.41	1.01	.37	.60	2.11	.27	1.25
6	.60	-.04	.15	1.15	.02	.44	1.19	.36	.74	2.01	.21	1.01
7	.69	-.04	.20	.87	.03	.34	1.71	.35	1.08	1.90	.23	.94
8	.55	-.05	.15	.94	.18	.61	.91	.28	.50	2.00	.22	1.01
9	.38	-.03	.16	1.28	.34	.79	1.48	.28	.67	2.01	.22	1.06
10	.77	-.03	.29	1.67	.34	1.03	1.90	.28	.91	1.98	.26	1.08
11	1.00	.06	.42	1.86	.26	.92	1.96	.32	1.10	1.63	.28	.97
12	1.34	-.01	.53	.97	.09	.40	2.11	.41	1.22	1.44	.55	1.06
13	2.04	-.01	.91	1.39	.05	.52	1.83	.40	1.12	1.56	.55	.94
14	2.26	.54	1.08	1.69	.04	.68	1.99	.63	1.23	.88	.26	.54
15	1.63	.03	.72	2.19	.07	1.05	1.69	.90	1.29	.73	.20	.35
16	1.29	.00	.56	2.09	.42	1.37	1.62	.89	1.17	1.32	.21	.64
17	1.39	-.13	.50	1.67	.24	.80	1.42	.65	1.07	1.66	.27	.94
18	1.55	-.10	.57	2.85	.10	.73	1.38	.38	.78	2.03	.31	1.20
19	1.55	-.07	.28	3.93	1.16	2.26	1.71	.44	.97	1.83	.27	1.02
20	.06	-.17	-.07	1.54	.74	.99	1.85	.48	1.10	2.04	.27	1.11
21	.12	-.17	-.01	.92	.37	.69	1.67	.27	.93	1.99	.27	1.09
22	.36	-.16	.06	.92	.25	.51	1.80	.20	.86	1.61	.42	1.03
23	.83	-.04	.36	1.39	.24	.68	2.54	.24	1.26	1.83	.28	.97
24	1.12	.12	.51	1.54	.23	.75	2.46	.70	1.53	1.63	.37	.96
25	1.34	.11	.67	1.73	.26	.88	1.43	.39	.77	1.71	.39	.98
26	1.45	.19	.83	1.83	.29	.94	1.78	.24	.80	1.55	.38	.99
27	.93	.38	.67	2.16	.63	1.24	1.46	.45	.91	1.22	.72	1.02
28	1.13	.13	.55	2.13	.45	1.29	1.34	.31	.74	1.96	.59	1.00
29	1.37	.07	.66	6.77	.29	2.27	1.06	.24	.66	1.45	.36	.75
30	---	---	---	2.33	1.27	1.65	1.13	.22	.65	1.11	.21	.55
31	---	---	---	1.41	.93	1.11	---	---	---	1.66	.29	.95
MONTH	2.26	-.17	.43	6.77	.02	.90	2.54	.20	.97	2.11	.20	.95

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

GAGE HEIGHT, FEET, 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	1.80	.17	.93	1.85	.13	.86	1.95	.12	1.10	3.27	.62	1.50
2	1.63	.16	.84	1.92	.12	.89	1.92	.52	1.12	1.83	.68	1.15
3	1.73	.15	.82	1.99	.10	.95	1.77	.43	.92	1.39	.52	.98
4	1.97	.14	.87	1.89	.08	.86	1.10	.50	.76	1.64	.36	.97
5	2.39	.13	.82	1.63	.08	.79	.90	.38	.63	1.63	.32	.92
6	1.20	.20	.60	1.25	.11	.68	1.15	.37	.71	1.28	.07	.63
7	1.47	.16	.54	.98	.19	.55	1.40	.36	.83	3.39	.42	1.70
8	1.49	.14	.67	.82	.16	.55	1.54	.16	.84	1.99	.50	1.23
9	1.38	.18	.80	1.31	.39	.81	1.43	.08	.70	1.71	.35	1.01
10	1.21	.31	.80	1.43	.40	.85	1.56	.17	1.02	1.64	.47	1.13
11	1.18	.44	.76	1.22	.26	.84	1.78	.27	.95	2.35	.53	1.24
12	1.18	.22	.66	1.39	.23	.87	1.48	.09	.72	1.90	.37	1.18
13	1.53	.29	.94	1.34	.13	.68	1.66	.08	.76	1.94	.42	1.11
14	1.77	.24	1.02	1.30	.13	.70	1.61	.08	.84	1.68	.84	1.21
15	2.17	.22	1.29	1.40	.11	.63	1.44	.06	.65	1.59	.56	1.07
16	2.31	.77	1.43	1.57	.12	.91	1.11	.04	.43	1.10	.34	.68
17	2.17	.54	1.24	1.68	.25	.99	---	---	---	1.35	.35	.89
18	3.11	.50	1.66	1.38	.17	.63	---	---	---	1.55	.34	.92
19	1.99	.47	1.27	1.39	.11	.61	---	---	---	1.38	.12	.72
20	1.91	.35	1.02	1.41	.06	.59	---	---	---	1.82	.35	1.08
21	1.69	.23	.90	3.89	.08	1.14	---	---	---	2.05	.39	1.20
22	1.39	.16	.65	1.58	.48	.84	---	---	---	2.37	.20	1.32
23	1.23	.11	.64	.97	.46	.64	1.59	.19	.88	1.99	.06	1.02
24	1.42	.19	.73	.75	.31	.54	1.69	.08	.85	1.77	.12	1.01
25	1.26	.30	.82	1.02	.26	.57	1.68	.06	.87	1.55	.03	.87
26	3.84	.35	1.29	1.51	.07	.82	1.65	.04	.85	.73	.01	.21
27	1.56	.65	1.06	1.67	.05	.84	1.84	.05	1.04	.78	.02	.31
28	1.79	.59	1.22	1.80	.04	.87	1.79	.17	1.00	.61	.16	.40
29	1.90	.36	1.13	1.92	.04	.96	1.22	.11	.60	.98	.15	.59
30	1.93	.19	.96	1.88	.04	.99	1.68	.13	.91	1.28	.11	.66
31	---	---	---	2.20	.06	1.05	1.63	.46	1.04	---	---	---
MONTH	3.84	.11	.95	3.89	.04	.79	---	---	---	3.39	.01	.96

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.
INSTRUMENTATION.--Water-quality monitor since September 1999.
REMARKS.--Records good.
EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE.--Maximum, 445 microSiemens, Sept. 17, 2000; minimum, 41 microSiemens, Mar. 29, 2000.
WATER TEMPERATURE.--Maximum, 35.2°C, July 8, 2000; minimum, 7.6°C, Jan. 26, 2000.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE.--Maximum, 445 microSiemens, Sept. 17; minimum, 41 microSiemens, Mar. 29.
WATER TEMPERATURE.--Maximum, 35.2°C, July 8; minimum, 7.6°C, Jan. 26.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAR												
15...	1100	20.0	22.9	772	1.16	E17	1.5	10	92	98	11.5	132
APR												
26...	0845	21.2	15.5	771	.31	15	1.8	10	100	102	8.8	99
JUL												
25...	1620	33.4	E34.0	E767	.28	11	3.2	30	94	105	9.1	127
SEP												
13...	0750	26.5	26.2	769	.90	14	3.3	20	110	111	5.4	68

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)
MAR												
15...	--	7.0	7.8	0	33	27	K83	K47	K34	<.1	<.1	.46
APR												
26...	--	6.6	6.8	0	32	26	400	300	52	<.1	<.1	--
JUL												
25...	.8	6.6	7.8	0	46	37	290	66	K10	<.1	<.1	--
SEP												
13...	.4	6.4	7.6	0	45	37	210	220	140	<.1	<.1	.50

DATE	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
MAR												
15...	--	.24	--	.020	.03	<.010	<.01	--	--	<.20	.27	.2
APR												
26...	--	--	--	.030	.03	<.010	<.01	--	--	<.20	<.20	.1
JUL												
25...	--	--	--	.050	.05	<.010	<.01	--	--	<.20	<.20	.1
SEP												
13...	.46	.16	.13	.080	.09	.020	.02	.230	.23	.21	.25	.2

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
MAR											
15...	.190	.04	.03	--	--	2.0	--	<.002	<.002	<.001	2.4
APR											
26...	.130	.04	.04	--	--	--	.003	.014	.002	<.001	2.7
JUL											
25...	.110	.06	.06	--	--	--	.006	.024	.009	<.001	3.4
SEP											
13...	.250	.12	.10	1.02	.066	2.2	.021	.023	.008	<.001	3.5

DATE	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
MAR											
15...	<.001	31	4	10.0	1.50	4.9	.4	25	.8	7.0	5.1
APR											
26...	.001	36	10	12.0	1.50	4.6	.3	21	.7	9.2	5.2
JUL											
25...	.002	39	1	13.0	1.50	4.4	.3	19	1.4	6.5	5.6
SEP											
13...	.007	41	4	14.0	1.50	3.9	.3	17	1.1	5.2	7.2

DATE	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	BORON, DISSOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAR											
15...	<.1	3.2	19	470	180	29	26	57	50	--	.08
APR											
26...	<.1	3.4	19	690	180	54	51	60	53	2.37	.08
JUL											
25...	<.1	5.9	23	1300	650	67	58	82	62	2.48	.11
SEP											
13...	<.1	5.3	23	1000	420	70	65	68	62	2.48	.09

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	118	98	107	116	104	109	105	98	101	92	88	90
2	152	107	117	114	100	105	107	99	103	98	88	92
3	187	108	137	107	100	102	103	96	99	102	86	96
4	172	105	132	127	102	107	101	94	98	102	89	96
5	148	107	122	128	102	113	106	98	101	99	89	94
6	125	108	115	130	97	109	109	100	104	100	90	96
7	140	108	122	140	96	111	106	96	101	101	96	98
8	119	97	111	126	95	106	103	94	99	103	97	98
9	104	69	83	119	96	104	103	96	99	103	96	98
10	99	66	80	120	94	102	102	96	99	103	86	93
11	120	76	93	115	91	101	103	97	100	96	89	93
12	174	119	147	127	91	103	101	96	99	98	93	96
13	---	---	---	118	92	101	101	96	98	100	96	98
14	---	---	---	106	90	97	100	95	98	100	93	97
15	---	---	---	113	88	100	99	90	94	99	94	96
16	131	104	113	103	86	90	97	88	92	101	94	96
17	125	104	110	105	88	94	97	87	92	98	93	96
18	113	105	107	106	95	101	100	70	88	98	95	96
19	110	104	107	122	95	106	84	75	79	98	92	96
20	109	105	107	125	84	102	92	84	87	100	94	96
21	110	106	107	90	86	89	91	61	70	96	93	95
22	110	104	107	96	89	93	79	74	76	97	93	94
23	118	106	111	101	96	98	85	79	83	103	84	93
24	113	107	109	106	96	100	88	83	85	91	78	83
25	115	106	110	102	94	98	87	82	84	91	84	88
26	117	105	110	102	94	99	86	80	83	93	90	92
27	121	105	111	101	95	99	89	82	85	93	89	91
28	125	106	111	101	95	98	90	83	86	91	87	90
29	121	107	112	102	96	99	88	84	85	92	86	89
30	119	106	111	102	96	99	90	87	88	89	80	85
31	123	107	112	---	---	---	92	87	89	89	80	82
MONTH	---	---	---	140	84	101	109	61	92	103	78	93
		FEBRUARY			MARCH			APRIL			MAY	
1	83	80	82	105	97	103	102	87	93	125	102	109
2	85	82	83	109	98	103	106	101	104	130	102	113
3	84	78	81	111	98	104	113	100	107	130	102	115
4	84	81	83	110	97	105	115	102	107	---	---	---
5	86	84	85	110	101	104	102	97	100	---	---	---
6	88	85	87	111	99	104	109	101	104	---	---	---
7	89	87	88	113	98	105	114	102	107	---	---	---
8	91	88	90	110	99	105	115	104	108	---	---	---
9	93	90	91	113	99	105	109	106	107	---	---	---
10	96	91	93	113	99	105	110	104	107	---	---	---
11	100	95	98	125	100	108	112	106	109	---	---	---
12	100	95	96	109	94	100	113	102	108	---	---	---
13	98	86	96	115	95	104	111	102	106	---	---	---
14	100	75	93	118	101	107	113	102	107	101	83	88
15	101	97	99	118	94	102	108	99	104	104	92	96
16	103	94	100	103	90	97	116	99	105	120	102	108
17	102	95	98	104	97	101	114	104	106	135	99	110
18	102	97	99	112	65	103	113	105	107	124	97	107
19	103	96	100	100	65	89	112	106	108	159	96	120
20	101	98	99	100	91	95	116	105	110	145	95	112
21	101	98	100	102	89	94	117	106	110	127	95	104
22	102	97	100	116	102	108	115	107	110	98	75	82
23	103	99	101	115	105	109	116	104	109	97	80	89
24	104	100	101	117	109	112	117	100	108	112	92	99
25	104	100	102	115	106	110	106	96	101	118	98	106
26	106	101	103	113	103	108	120	88	104	137	99	107
27	108	94	102	111	98	104	104	95	99	136	92	105
28	101	95	98	106	97	102	119	98	107	112	68	92
29	102	98	100	119	41	88	125	103	109	80	68	72
30	---	---	---	86	66	79	122	102	108	99	80	86
31	---	---	---	87	80	82	---	---	---	118	87	97
MONTH	108	75	95	125	41	101	125	87	106	---	---	---

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	152	94	112	121	99	113	114	80	105	246	67	163
2	160	90	115	124	105	112	109	76	90	164	81	105
3	118	84	99	125	105	112	121	72	102	143	120	134
4	122	91	102	117	106	110	191	90	111	151	140	145
5	110	56	90	109	104	106	255	113	159	166	133	147
6	98	83	88	110	88	97	229	137	177	176	138	152
7	110	85	94	117	90	97	255	130	173	141	49	88
8	110	88	98	115	88	98	239	132	177	116	97	104
9	123	88	100	114	84	100	233	121	177	195	106	135
10	198	90	115	98	76	85	145	70	109	191	122	134
11	168	95	115	98	75	85	101	76	87	170	92	125
12	214	102	137	81	67	72	219	98	154	172	126	148
13	167	94	129	109	78	89	343	125	199	218	114	167
14	200	97	146	131	92	103	323	126	203	114	89	99
15	167	77	107	118	93	101	244	119	181	146	88	95
16	83	75	78	118	70	97	171	121	146	295	96	121
17	91	83	88	81	61	69	196	114	144	445	105	183
18	89	52	78	106	81	87	223	107	155	345	131	173
19	88	74	83	100	88	92	203	102	145	382	143	205
20	96	87	90	105	90	100	228	81	149	177	116	147
21	108	95	99	134	62	92	263	92	140	259	101	134
22	103	94	98	106	81	91	187	103	148	295	108	167
23	105	94	97	105	93	97	223	98	163	295	104	180
24	100	88	96	134	98	106	204	99	140	204	95	136
25	130	98	109	158	103	125	147	103	121	169	107	130
26	132	55	96	142	109	122	198	94	126	281	113	167
27	108	89	100	134	107	119	162	60	105	232	112	138
28	125	103	109	142	104	116	105	51	71	319	119	159
29	125	115	121	142	104	115	204	66	146	163	104	127
30	122	114	118	129	104	113	391	123	203	148	110	133
31	---	---	---	126	91	106	319	124	183	---	---	---
MONTH	214	52	104	158	61	101	391	51	145	445	49	141

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.2	20.1	22.5	22.8	20.9	21.6	16.0	11.6	13.5	18.4	14.2	16.0
2	26.5	20.6	23.2	20.9	16.1	19.1	16.1	11.6	13.7	20.2	15.8	17.9
3	28.2	23.4	25.3	19.4	14.5	16.4	18.4	13.7	15.7	21.0	18.6	19.7
4	26.4	24.5	25.4	19.3	13.5	16.2	20.1	15.9	17.7	19.9	14.7	17.9
5	26.8	22.3	24.1	20.0	14.7	17.0	20.2	17.8	18.7	16.0	12.2	13.7
6	26.0	20.3	22.9	20.6	15.1	17.6	17.8	13.9	15.9	15.8	10.7	12.9
7	25.3	22.3	23.5	21.0	15.5	18.0	16.3	12.2	13.9	15.4	10.9	12.8
8	25.2	23.0	24.0	21.6	16.5	18.9	15.1	12.8	13.7	17.0	11.8	14.3
9	24.7	23.5	24.0	22.2	17.4	19.6	17.1	13.5	15.4	19.5	15.6	17.6
10	24.5	23.2	23.8	23.1	18.4	20.3	18.3	16.0	16.9	19.2	17.0	18.3
11	25.5	23.4	24.4	23.5	18.9	20.8	18.0	14.7	16.0	19.3	15.2	17.0
12	25.1	23.4	24.3	22.7	17.9	20.1	18.7	15.2	16.9	20.8	15.9	17.9
13	---	---	---	22.2	18.0	19.6	19.4	17.1	18.5	20.9	15.8	18.4
14	---	---	---	22.0	17.3	19.1	18.3	15.2	16.5	17.3	13.1	14.9
15	---	---	---	20.8	16.8	18.4	17.8	13.7	15.5	16.6	11.6	13.8
16	27.7	23.0	24.8	19.3	15.0	16.7	16.1	12.1	13.8	18.0	12.5	14.9
17	27.5	23.3	24.9	18.7	14.1	16.1	15.1	11.2	12.9	19.4	14.0	16.4
18	26.1	22.3	23.7	18.7	13.6	16.1	13.8	11.8	12.4	20.5	15.6	17.7
19	25.1	21.2	22.6	20.3	16.7	18.2	13.6	12.3	13.0	20.2	17.6	18.5
20	21.7	18.7	20.3	19.6	17.9	18.6	15.0	13.4	14.0	18.6	13.2	16.4
21	21.8	16.8	18.9	19.9	17.8	18.6	13.7	12.2	12.7	15.7	11.2	13.1
22	22.5	16.7	19.2	21.9	18.7	20.0	13.5	11.1	12.0	15.1	11.8	13.5
23	22.1	17.8	19.4	22.5	18.4	20.1	13.7	10.7	11.8	16.2	14.1	15.4
24	20.7	15.7	17.8	22.4	18.3	20.0	14.0	10.1	11.7	15.5	11.5	12.8
25	20.5	14.9	17.4	20.5	18.7	19.4	13.2	9.8	11.1	12.3	9.0	10.6
26	21.1	15.5	18.0	19.7	16.0	17.8	13.2	9.1	10.8	11.7	7.6	9.4
27	22.1	16.5	18.9	18.8	14.6	16.2	14.3	9.8	11.7	11.9	8.1	9.6
28	22.8	17.3	19.6	18.5	13.7	15.7	13.8	10.3	11.7	9.5	8.6	9.2
29	22.9	17.7	20.0	18.5	13.8	15.7	14.2	10.0	11.7	11.2	9.5	10.4
30	23.8	19.0	20.9	16.3	12.4	14.1	15.7	10.4	12.7	11.7	9.8	10.4
31	22.5	20.2	21.2	---	---	---	16.9	12.7	14.6	12.9	8.4	10.3
MONTH	---	---	---	23.5	12.4	18.2	20.2	9.1	14.1	21.0	7.6	14.6

MOBILE RIVER BASIN

0247101490 THREEMILE CREEK AT STANTON ROAD AT MOBILE, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	13.3	9.2	10.9	22.9	17.8	20.0	23.3	21.1	22.3	28.9	21.5	24.6
2	14.8	10.0	11.8	24.4	18.3	21.1	25.7	21.3	23.2	28.7	23.5	25.2
3	16.1	10.1	12.6	23.4	19.7	21.4	24.5	21.9	23.5	28.6	23.1	25.0
4	16.5	11.1	13.1	23.0	17.7	19.9	22.5	18.9	20.7	28.5	22.4	24.7
5	15.3	9.4	11.7	23.5	16.2	19.4	23.4	17.4	19.9	28.8	23.6	25.4
6	15.6	9.0	11.7	24.1	16.5	19.9	24.6	17.5	20.5	29.0	23.5	25.6
7	15.7	10.0	12.5	24.4	17.7	20.5	24.8	19.0	21.5	29.5	23.8	25.9
8	14.1	11.6	12.5	25.1	17.9	21.1	23.7	17.8	21.0	28.9	23.3	25.5
9	17.0	10.7	13.3	25.7	20.1	22.3	23.9	16.1	19.5	28.6	23.8	26.0
10	18.8	11.9	15.1	26.1	21.0	23.1	24.2	16.4	20.0	28.1	24.2	26.0
11	20.4	14.9	17.5	24.0	18.3	21.6	25.0	18.3	21.6	30.2	24.1	26.7
12	21.4	17.0	19.0	21.3	16.2	18.3	26.8	19.9	23.1	29.0	24.8	27.0
13	20.4	18.4	19.3	22.6	14.7	18.3	26.1	21.4	23.5	30.2	25.2	27.1
14	21.5	18.7	20.0	22.8	15.2	18.9	22.9	20.8	21.8	30.0	24.3	26.6
15	21.8	17.1	19.3	20.6	17.1	19.1	24.6	19.7	21.6	30.2	22.6	25.8
16	21.8	17.4	19.5	21.7	18.6	20.1	26.6	20.4	22.9	29.9	22.4	25.5
17	21.6	19.5	20.4	24.7	19.3	21.7	28.1	21.3	24.1	30.2	23.9	26.2
18	23.9	19.9	21.3	22.0	18.9	20.7	27.9	20.6	23.8	30.3	24.6	26.5
19	23.4	17.2	20.7	20.0	17.7	18.9	28.6	21.0	24.1	31.7	25.1	27.3
20	21.0	14.8	17.3	20.6	16.0	18.5	27.6	22.4	24.4	30.0	25.2	26.9
21	20.5	13.7	16.7	22.2	16.8	19.4	28.2	22.5	24.8	29.2	25.4	27.0
22	20.7	14.1	17.0	24.0	18.6	20.8	27.3	20.0	23.0	30.9	25.9	28.1
23	19.5	16.0	17.6	25.0	18.8	21.4	23.9	20.7	22.2	32.8	26.8	29.4
24	23.4	16.5	19.6	24.8	19.1	21.5	24.5	21.1	22.5	32.4	26.4	28.8
25	24.1	18.0	20.5	25.4	19.5	22.1	26.4	20.3	22.9	32.2	26.8	29.1
26	25.1	19.0	21.7	22.1	20.0	21.2	25.9	19.5	22.2	33.0	26.8	29.5
27	21.9	18.9	20.2	23.3	19.2	20.9	24.1	19.7	22.0	33.1	26.8	29.5
28	22.5	17.4	19.6	24.5	18.7	21.3	27.5	21.3	23.7	33.0	27.2	29.3
29	23.0	15.8	19.4	24.1	19.7	20.9	28.2	20.3	23.9	31.4	27.4	28.9
30	---	---	---	24.1	19.4	21.6	28.8	21.0	24.4	32.9	25.5	28.5
31	---	---	---	24.8	20.7	22.9	---	---	---	32.0	25.9	28.0
MONTH	25.1	9.0	17.0	26.1	14.7	20.6	28.8	16.1	22.5	33.1	21.5	27.0
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.0	25.0	27.3	32.2	26.7	28.6	29.5	26.6	27.9	30.6	26.7	28.5
2	32.7	25.4	28.0	32.8	26.9	28.8	29.0	27.5	28.2	29.7	27.2	28.4
3	33.0	26.2	28.4	32.3	26.8	28.7	29.1	26.6	27.7	30.7	27.1	28.8
4	32.3	26.4	28.8	33.0	26.5	29.1	30.6	26.5	28.2	32.4	27.5	29.6
5	28.9	26.4	27.8	33.3	27.1	29.8	32.9	26.7	29.1	31.8	27.4	29.4
6	30.5	25.3	27.6	34.7	27.3	30.5	33.3	27.2	29.5	27.4	24.5	26.1
7	31.5	23.2	27.0	34.8	27.4	30.8	33.5	27.7	29.7	25.9	22.8	24.7
8	32.1	23.7	27.5	35.2	27.8	30.8	32.8	27.8	29.5	25.4	24.4	24.9
9	32.7	25.6	28.6	34.5	28.6	31.1	32.2	27.2	28.9	27.8	24.6	25.8
10	33.1	25.7	28.8	34.5	29.9	31.7	30.8	28.1	29.1	29.5	25.7	27.4
11	33.0	25.6	28.5	34.3	28.9	30.8	30.6	26.9	28.3	29.1	26.5	27.6
12	29.8	25.9	27.5	34.1	29.2	31.2	31.2	26.8	28.2	30.0	26.4	27.8
13	31.5	25.7	27.7	35.0	29.2	31.3	30.4	25.1	27.1	29.5	26.3	27.6
14	32.0	25.5	27.7	33.1	28.3	30.4	30.7	25.1	27.1	29.1	26.8	28.1
15	28.3	26.1	27.4	34.7	27.6	30.3	31.9	26.1	28.3	30.2	27.2	28.5
16	29.4	26.6	27.7	31.9	27.7	29.3	33.1	26.4	29.2	29.0	24.6	26.7
17	27.9	26.1	27.0	33.4	28.5	30.4	33.6	26.5	29.5	28.0	22.6	25.2
18	28.9	25.6	26.8	33.8	28.4	30.8	34.1	27.5	30.2	28.4	22.8	25.2
19	29.7	25.3	27.5	33.9	28.5	30.6	32.8	28.1	30.1	28.3	23.0	25.3
20	32.5	27.0	29.1	34.2	28.1	31.0	31.5	27.6	29.3	29.8	24.9	26.7
21	32.9	26.8	29.2	32.7	26.1	28.6	32.2	27.6	29.3	29.1	26.1	27.1
22	33.8	27.2	30.3	31.4	25.5	27.7	31.2	26.9	28.5	27.7	25.7	26.5
23	34.2	27.0	30.3	29.9	26.5	28.2	30.4	26.8	28.1	29.1	25.7	26.8
24	32.6	27.6	30.1	32.9	26.5	29.2	32.6	26.4	28.7	29.2	25.8	27.1
25	33.9	27.2	29.8	33.6	25.9	29.1	31.7	26.9	28.6	29.5	24.2	26.9
26	28.7	24.0	26.4	33.2	27.0	29.2	31.8	26.6	28.5	26.0	21.1	23.1
27	30.2	26.0	27.8	33.1	26.2	28.6	30.8	27.1	28.6	26.4	19.5	22.5
28	29.3	27.1	28.2	32.6	26.2	28.5	31.7	27.9	29.6	26.3	20.0	22.8
29	29.2	27.2	28.0	31.8	26.7	28.5	33.0	27.4	29.6	26.4	20.1	22.8
30	30.4	26.2	27.9	32.1	27.1	29.0	32.4	27.5	29.4	26.8	20.9	23.6
31	---	---	---	30.1	26.8	28.2	31.1	27.4	29.0	---	---	---
MONTH	34.2	23.2	28.2	35.2	25.5	29.7	34.1	25.1	28.8	32.4	19.5	26.4

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 mi^2.

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, 2.49 ft, Apr. 23, 2000; minimum gage height, -1.83 ft, Dec. 22, 1999.
REMARKS.--Records good.

GAGE HEIGHT, FEET, 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	1.63	.02	.86	2.03	.39	1.17	.58	-.35	.11	1.28	-.56	.33
2	1.94	.43	1.18	1.28	-1.05	.11	1.24	.02	.52	1.30	-.63	.29
3	2.15	.60	1.36	.40	-.89	-.13	1.76	.59	1.14	1.83	-.19	.76
4	2.17	.45	1.35	.59	.00	.21	1.74	.73	1.25	1.69	-.82	-.16
5	1.23	.13	.78	.83	-.37	.25	1.92	.52	1.22	.73	-1.67	-.65
6	1.45	.36	.88	---	---	---	1.25	-.59	.30	1.11	-1.27	-.16
7	1.78	.97	1.44	---	---	---	1.62	-.70	.38	1.11	-1.28	-.25
8	2.48	1.60	1.98	---	---	---	1.55	-.59	.41	1.57	-.84	.19
9	2.21	1.23	1.72	1.91	-.23	.75	2.07	-.22	.82	1.91	-.22	.72
10	1.86	.74	1.27	1.95	-.02	.95	2.06	-.92	.32	2.20	-.21	.82
11	1.74	.25	1.05	1.97	.00	.85	1.41	-.63	.27	1.31	-.33	.44
12	1.69	.29	.99	1.45	-.44	.41	1.90	-.01	.91	.93	-.29	.32
13	1.70	.09	.98	1.52	-.26	.58	2.31	.27	1.09	1.00	-1.05	.31
14	1.80	.06	.89	1.47	-.39	.49	1.07	-.26	.45	.02	-1.82	-.91
15	1.85	.14	.94	1.18	-.69	.11	1.15	-.75	.02	.57	-.57	.09
16	1.41	-.09	.66	.63	-.52	.10	.62	-.57	-.10	.99	-.61	.15
17	1.29	-.50	.45	.73	-.17	.29	.76	-.26	.15	1.43	-.63	.40
18	.58	-.37	.06	1.23	.34	.67	1.10	.10	.57	1.46	-.95	.28
19	1.01	-.40	.25	1.43	.61	.96	1.32	-.20	.55	2.05	-1.07	.36
20	.05	-.65	-.24	1.43	.57	1.00	1.04	-.86	.03	2.00	-1.69	-.25
21	.30	-.51	-.02	1.93	.09	1.03	.63	-.81	-.05	.93	-1.60	-.53
22	.96	.06	.56	1.97	-.08	.94	.88	-1.83	-.51	1.76	-.52	.53
23	.71	-.71	.02	1.91	-.35	.79	.82	-1.72	-.45	1.76	-.43	.61
24	.49	-.93	-.12	1.83	-.67	.51	.84	-1.55	-.46	1.40	-1.63	-.51
25	1.26	-.70	.19	1.67	-.68	.36	.25	-1.59	-.75	-.18	-1.10	-.62
26	1.57	-.70	.36	1.67	-.82	.34	.55	-1.27	-.36	-.29	-1.46	-.90
27	1.56	-.73	.39	1.57	-.74	.37	.35	-.93	-.18	.27	-.78	-.34
28	1.58	-.71	.40	1.36	-.79	.25	.34	-1.07	-.25	1.13	-.72	.32
29	1.73	-.25	.73	.95	-.84	-.06	.43	-.52	-.11	.91	-.19	.31
30	1.94	.31	1.09	-.35	-1.02	-.71	.65	-.47	.06	.52	-1.11	-.34
31	2.07	.28	1.15	---	---	---	1.12	-.40	.33	.65	-1.72	-.49
MONTH	2.48	-.93	.76	---	---	---	2.31	-1.83	.25	2.20	-1.82	.04

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

GAGE HEIGHT, FEET, 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	1.00	-1.06	-.06	1.54	-.39	.60	1.62	-.03	.85	1.31	.32	.78
2	.90	-1.33	-.22	1.37	-.92	.29	1.87	.29	.98	1.51	.46	1.03
3	1.11	-.97	.02	2.02	-.40	.76	2.01	.37	1.44	1.71	-.08	.96
4	1.05	-1.41	-.32	1.94	-.75	.28	1.30	-.51	.14	1.84	.10	1.05
5	.35	-1.72	-.82	1.13	-.74	.18	.96	-.39	.35	2.16	-.14	1.19
6	.72	-1.33	-.37	1.13	-.45	.31	1.21	-.02	.64	2.03	-.34	.89
7	.77	-.94	-.13	.83	-.42	.22	1.74	.03	1.02	1.93	-.28	.80
8	.63	-.76	-.07	.93	.07	.58	.88	-1.08	.13	2.03	-.31	.89
9	.38	-.89	-.21	1.28	.33	.77	1.46	-1.31	.12	2.01	-.17	.97
10	.78	-.32	.20	1.66	.24	1.02	1.91	-.68	.63	1.97	-.07	1.01
11	.91	-.02	.35	1.75	-.76	.75	1.98	.08	1.04	1.66	.05	.92
12	1.18	-.16	.45	.94	-1.39	-.18	2.12	.27	1.19	1.44	.50	1.06
13	2.00	-.27	.89	1.38	-1.03	.18	1.80	.27	1.08	1.25	.19	.76
14	1.70	.00	.85	1.65	-.86	.44	1.90	.50	1.17	.63	-.33	.15
15	1.70	-.86	.43	2.17	-.31	.97	1.64	.87	1.26	.66	-.39	.04
16	1.51	-.81	.37	2.12	.28	1.30	1.59	.86	1.15	1.32	-.20	.54
17	1.63	-.77	.40	1.56	-.40	.60	1.41	.53	1.06	1.65	.10	.90
18	1.79	-.43	.61	1.60	-.31	.59	1.38	.28	.72	2.05	.20	1.17
19	1.78	-.74	.18	1.75	.88	1.30	1.70	.33	.94	1.83	.10	.98
20	.23	-1.24	-.53	1.39	.29	.68	1.87	.39	1.09	2.04	.09	1.07
21	.25	-1.00	-.25	.93	-.01	.48	1.66	-.20	.86	1.94	-.05	1.00
22	.38	-.64	.01	.87	-.23	.34	1.79	-.34	.70	1.58	-.23	.69
23	.83	.00	.45	1.36	-.07	.58	2.49	-.16	1.18	1.84	-.17	.88
24	.95	-.01	.39	1.57	-.06	.68	2.41	.36	1.41	1.65	.29	.94
25	1.21	.07	.60	1.74	.08	.83	1.44	-.23	.56	1.74	.32	.97
26	1.40	.18	.77	1.73	.18	.88	1.60	-.44	.51	1.57	.30	.98
27	.89	-.73	.22	2.15	.55	1.20	1.49	-.33	.67	1.24	.73	1.03
28	1.13	-.82	.14	2.17	.34	1.27	1.29	.04	.65	1.07	.53	.80
29	1.39	-.65	.40	2.13	.17	1.14	1.04	-.14	.56	.75	-.12	.25
30	---	---	---	1.59	.63	1.17	1.12	-.16	.54	1.09	-.10	.41
31	---	---	---	1.35	-.25	.59	---	---	---	1.62	.15	.91
MONTH	2.00	-1.72	.16	2.17	-1.39	.67	2.49	-1.31	.82	2.16	-.39	.84
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.80	-.33	.82	1.84	-.68	.69	1.95	-.29	.90	1.39	.61	1.00
2	1.60	-.63	.69	1.93	-.71	.72	1.86	-.12	.90	1.59	.40	.95
3	1.73	-.65	.62	2.01	-.53	.82	1.41	.18	.80	1.33	.42	.94
4	1.99	-.80	.65	1.90	-.47	.73	1.08	.14	.65	1.61	.27	.94
5	1.79	-.67	.52	1.63	-.39	.68	.85	.34	.59	1.62	.23	.88
6	1.19	-.88	.11	1.25	-.09	.63	1.12	.34	.68	1.23	-.45	.47
7	1.41	-1.30	.03	.94	.08	.51	1.39	.32	.80	1.76	.42	1.15
8	1.47	-.61	.46	.81	.02	.51	1.50	.03	.80	1.90	.15	1.07
9	1.39	-.10	.74	1.26	.29	.77	1.40	-.28	.61	1.65	.26	.96
10	1.24	.21	.77	1.38	.33	.82	1.50	-.49	.64	1.61	.30	1.07
11	1.17	.39	.73	1.20	.02	.70	1.73	-.24	.66	1.97	.45	1.14
12	1.13	.04	.59	1.35	-.14	.69	1.43	-.36	.57	1.88	.31	1.15
13	1.54	.16	.90	1.32	-.12	.62	1.61	-.23	.67	1.69	.43	.93
14	1.76	.03	.96	1.30	-.42	.58	1.62	-.15	.79	1.65	.50	1.06
15	1.95	.04	1.04	1.38	-.54	.51	1.40	-.31	.56	1.56	.50	.96
16	2.32	-.07	1.21	1.57	-.35	.66	1.08	-.35	.32	1.07	.23	.62
17	2.09	-.08	.99	1.68	-.41	.65	1.18	-.14	.57	1.34	.26	.85
18	2.19	-.07	1.07	1.35	-.54	.40	1.41	.18	.78	1.50	.31	.89
19	1.98	-.08	1.01	1.36	-.53	.43	.92	.11	.56	1.36	-.05	.67
20	1.91	-.24	.88	1.41	-.43	.47	1.10	.19	.63	1.79	.29	1.06
21	1.70	.01	.84	2.10	-.19	.70	1.02	.23	.68	2.03	.21	1.13
22	1.38	-.12	.56	1.49	-.09	.62	1.22	.15	.74	2.35	.06	1.28
23	1.22	-.35	.53	.88	-.13	.49	1.57	.04	.83	1.98	-.21	.96
24	1.32	.03	.67	.70	.21	.48	1.65	-.07	.79	1.75	-.02	.96
25	1.23	.22	.78	.99	.20	.53	1.67	-.19	.80	1.55	-1.16	.69
26	1.42	.22	.71	1.48	-.18	.76	1.64	-.31	.77	.66	-1.18	-.23
27	1.52	.30	.88	1.66	-.25	.76	1.85	-.21	.92	.73	-.17	.22
28	1.79	.26	1.05	1.82	-.37	.79	1.78	-.19	.85	.56	.03	.34
29	1.88	-.53	.90	1.91	-.28	.89	1.16	-.10	.53	.95	.01	.54
30	1.91	-.53	.78	1.87	-.25	.93	1.67	-.01	.88	1.32	-.06	.61
31	---	---	---	2.12	-.24	.97	1.64	.43	1.01	---	---	---
MONTH	2.32	-1.30	.75	2.12	-.71	.66	1.95	-.49	.72	2.35	-1.18	.84

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.
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, 83 microSiemens, Mar. 29, 2000.
WATER TEMPERATURE.--Maximum, 32.3°C, Aug. 19, 20, 2000; minimum, 10.6°C, Jan. 29, 2000.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE.--Maximum, 39,100 microSiemens, Sept. 18; minimum, 83 microSiemens, Mar. 29.
WATER TEMPERATURE.--Maximum, 32.3°C, Aug. 19, 20; minimum, 10.6°C, Jan. 29.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)
MAR												
14...	2200	19.2	--	772	1.26	8.2	20	6460	4600	8.0	87	--
15...	0100	19.2	--	772	.69	6.6	10	6380	4340	7.9	86	--
APR												
27...	0915	21.7	23.0	--	.31	8.7	20	2840	2560	5.2	57	--
27...	1435	21.8	25.5	--	1.28	--	--	4340	3860	6.5	74	--
JUL												
25...	1040	E29.5	35.4	768	.93	4.9	10	21300	23400	2.3	31	--
SEP												
14...	0915	29.4	30.0	769	.95	2.6	10	21400	20100	2.2	31	3.0

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)
MAR												
14...	7.4	7.4	--	--	--	--	--	--	--	--	1.6	1.6
15...	7.3	7.1	--	--	--	--	--	220	24.0	<.1	3.8	3.3
APR												
27...	6.7	7.1	0	56	46	1000	620	520	11.0	<.1	2.3	2.0
27...	7.0	7.2	0	61	50	--	--	--	--	--	1.8	1.4
JUL												
25...	7.2	7.4	0	95	78	820	760	170	47.0	<.1	2.3	1.9
SEP												
14...	6.9	7.1	0	103	84	760	K360	1000	27.0	<.1	2.5	2.1

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
MAR											
14...	.63	.74	.140	.18	.020	.02	.740	.75	.88	.81	.8
15...	.74	.30	.380	.46	.040	.04	2.56	2.56	.68	1.2	2.6
APR											
27...	.45	.18	.300	.36	.040	.04	1.46	1.46	.48	.81	1.5
27...	.41	.10	.200	.24	.030	.03	1.07	1.07	.29	.65	1.1
JUL											
25...	.67	.26	.510	.53	.040	.04	1.06	1.06	.77	1.2	1.1
SEP											
14...	.44	.22	.780	.86	.050	.05	1.05	1.15	1.0	1.3	1.2

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
MAR											
14...	.760	.23	.18	3.28	.066	7.0	.346	.307	.172	.102	.100
15...	2.60	.59	.49	11.3	.131	16.8	1.01	.969	.420	.260	.316
APR											
27...	1.50	.46	.39	6.46	.131	10.2	.622	.549	.306	.195	.179
27...	1.10	.31	.26	4.74	.099	7.7	.460	.399	.246	.164	.130
JUL											
25...	1.10	.68	.66	4.69	.131	10.2	1.38	1.24	.503	.388	.403
SEP											
14...	1.10	1.11	1.00	4.65	.164	11.1	1.44	1.24	.499	.379	.405

DATE	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAR											
14...	--	.113	440	--	41.0	82.0	720	15	77	28.0	1200
15...	6.2	.328	420	--	39.0	78.0	690	15	77	27.0	1200
APR											
27...	6.3	.203	270	230	32.0	47.0	400	11	75	17.0	720
27...	--	.150	400	350	40.0	74.0	630	14	76	26.0	1100
JUL											
25...	7.8	.450	2500	2400	170	507	4300	37	78	160	7900
SEP											
14...	3.8	.470	2100	2000	150	407	3700	36	78	140	6800

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	BORON, DISSOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAR											
14...	210	.2	2.8	330	360	20	55	36	2540	--	--
15...	190	.2	3.4	350	320	70	56	47	2520	--	--
APR											
27...	110	.2	5.4	240	710	80	73	65	1380	1370	1.88
27...	170	.2	5.9	310	670	60	77	68	2130	2080	2.90
JUL											
25...	1300	.4	3.2	1900	330	30	170	150	15100	14400	20.5
SEP											
14...	900	.3	3.7	1600	320	30	140	110	11700	12200	15.9

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 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	32400	20400	25800	25400	20200	22500	33700	24900	29400	18400	11300	13900
2	33600	22600	27900	23600	4600	18500	33700	28200	30500	16700	9270	12200
3	33500	24900	28200	20400	17700	18900	31100	23900	26700	15600	8720	11800
4	28000	22600	25100	22200	17200	20600	25000	18700	22200	15400	7380	11700
5	24800	21200	23000	22400	17600	20500	20700	15100	18000	21400	5720	12400
6	33800	23300	27900	22500	17500	20400	27400	14200	17500	21400	9910	13500
7	35500	24000	30600	---	---	---	28200	13800	20400	16800	7710	11200
8	31700	25200	28200	---	---	---	28200	18800	22100	16500	6730	10500
9	28700	682	11100	30800	19100	24300	28300	15800	22200	21200	7080	10300
10	14100	314	5200	30900	18900	23400	25500	13700	19600	10500	3420	6550
11	15700	1380	10200	29900	18900	22900	22100	15900	18100	7620	4150	6430
12	16900	10300	12800	31200	17200	21900	25300	15700	20100	8220	5120	6770
13	13600	8570	10900	33800	18100	24400	28100	15700	20400	8490	2860	6170
14	17100	4210	11700	32600	18100	24100	17700	10300	14400	5630	2340	4020
15	24000	9960	15100	29400	15000	22000	12800	7310	10700	4340	3110	3620
16	17700	6900	13100	26600	20300	24000	11700	7900	9230	4040	2640	3450
17	20400	6040	13400	32900	25100	27900	14200	8770	10900	10500	2590	6240
18	21800	12900	18800	29100	23200	27000	15700	10700	13300	17600	2650	9290
19	34900	18900	25300	29200	21700	25500	22700	10100	14600	16900	2960	10600
20	27100	8290	22400	25400	16700	21900	18200	8200	10900	16900	6090	10500
21	32000	22400	27900	28100	14900	20500	18500	481	9120	15000	7000	10100
22	34400	31300	33200	27500	16100	20800	26600	825	11500	16000	9000	12100
23	34100	10300	26400	27700	16200	20900	26600	12000	16100	14000	10000	12000
24	32200	2930	22800	28900	16200	21000	24800	11600	14200	11000	2000	5500
25	34900	19000	28400	31100	16500	21900	12100	7410	9780	10000	7000	9210
26	35000	16900	27500	33100	18100	24500	14900	7380	10700	10000	7000	8670
27	33800	19000	26900	35100	20900	25500	14500	10100	12300	9000	8000	8440
28	32700	17800	26600	28900	16800	23100	16600	10400	13000	8000	5000	6250
29	32200	23400	27300	27600	17800	21600	17400	11500	13900	7000	5000	6500
30	32600	24100	27100	24900	16400	18500	18300	13000	15200	9000	5000	7480
31	28100	21400	24700	---	---	---	19400	12900	15500	9000	4000	6600
MONTH	35500	314	22100	---	---	---	33700	481	16500	21400	2000	8840
		FEBRUARY			MARCH			APRIL			MAY	
1	7000	4000	5810	11500	8620	10100	1660	254	864	8870	4700	7070
2	7000	4000	5380	11600	7470	9160	1510	377	976	7740	5360	6570
3	7000	3000	5440	11600	7320	9870	1610	355	1080	6770	4520	6050
4	7000	2600	5380	10700	6050	8160	1510	269	714	6520	3700	5540
5	6990	3490	5460	9840	5920	7750	2080	512	1510	5520	2770	4800
6	10100	4540	6500	9840	6760	7670	1850	722	1480	5750	2570	4500
7	11000	5890	8900	9330	6400	7990	1510	633	1270	6040	2920	4830
8	11200	9050	10100	11000	7020	8130	1700	332	873	5360	2800	4310
9	10600	9010	9990	11400	8650	9890	1490	332	1060	5360	2780	3900
10	13600	10100	11700	10300	6740	8730	1390	572	969	4960	2610	3980
11	12300	11000	11500	8610	3320	7080	1130	776	939	4710	2820	3720
12	11900	9220	10600	8520	2750	6070	1110	677	839	4710	2080	3350
13	14200	8680	10500	7090	3950	5920	1060	602	809	4190	1630	2930
14	11800	3920	8020	5740	4070	4770	882	513	745	3430	1070	2360
15	17200	4040	9420	5620	3470	4320	894	471	715	11200	1210	6320
16	13100	4440	9370	5380	3070	3860	830	478	637	26700	6240	20500
17	15800	7630	10600	3430	1380	2640	613	398	509	21600	14900	18200
18	15200	6400	8800	3620	1680	2880	791	442	568	17700	11100	14400
19	9120	6040	7510	2450	180	451	613	443	557	14400	9600	12300
20	8180	5910	6970	1960	295	861	993	472	737	12700	8110	10700
21	11600	6070	8040	2670	484	1640	846	393	748	10400	6380	8920
22	13700	8780	11500	2230	1120	1870	1020	375	746	8550	4600	7080
23	14100	11000	12300	2110	1020	1740	1340	481	915	8730	5030	7230
24	12500	9480	10800	1920	1020	1530	1850	385	1040	8780	6190	7740
25	12200	8150	10600	1770	1050	1520	1280	346	768	7500	3970	6280
26	11300	6400	8460	1580	695	1240	3550	367	1790	4870	3190	3980
27	10500	7080	8920	1420	544	1130	4990	359	2980	5190	3430	4350
28	16300	6970	11300	1530	439	1150	5980	2850	4240	4900	2010	3940
29	13500	9420	11300	1310	83	914	6770	2280	4520	4320	820	2620
30	---	---	---	540	209	278	9940	3410	6400	17700	4100	9240
31	---	---	---	1100	209	634	---	---	---	21200	15300	18800
MONTH	17200	2600	9010	11600	83	4510	9940	254	1400	26700	820	7310

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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	20300	11500	16500	22200	2850	15600	23400	14600	20300	26300	6330	21000
2	17400	11100	15200	26000	2640	17500	21900	14600	19200	22700	7920	16800
3	16400	10400	14100	21200	12800	17300	19400	12800	17400	23500	10200	19300
4	17600	10900	13700	18300	14600	16500	17300	12800	16000	27700	8110	20400
5	17300	11700	15000	20700	15200	17600	20100	15700	18300	28400	9250	21100
6	17100	7940	12100	24100	14400	17900	19800	15600	17700	26100	8150	18500
7	28000	5660	16300	20900	14000	18800	19700	15300	17300	33100	4300	14800
8	24500	12700	18600	25500	18400	22500	19400	14000	17500	37200	5960	25200
9	21300	15900	18700	25000	20400	22800	19300	15300	17800	32400	7760	27300
10	21000	15100	18100	22300	19000	20700	27400	10500	19300	30400	12500	27200
11	17200	12600	15500	20800	14000	18800	31000	13600	19900	29300	21300	25300
12	14900	12600	13500	19300	16300	18400	28800	13300	22200	28100	15500	25300
13	16700	13500	14700	19600	15500	17000	35800	15900	23700	26600	21700	24200
14	16100	11000	13700	20100	13600	17100	31700	17400	26400	29200	18400	23800
15	13300	6500	11200	20000	15600	17600	27300	15400	22900	26500	17200	23700
16	13900	5100	10800	24100	15700	19900	25600	15200	22400	28200	14500	22000
17	13700	7950	11400	28300	16400	22300	27200	19300	23600	36300	15200	29300
18	17600	1480	10900	25500	16400	21400	26300	20200	23600	39100	17200	31300
19	14500	3690	11800	27500	16700	22500	24700	19300	21900	35600	13000	26200
20	15000	2340	11200	26400	16000	23400	23500	19100	21200	31700	24800	29000
21	13700	10600	12300	23800	5840	17800	24000	18900	21800	31400	23400	28000
22	13500	10200	12000	22400	5810	19300	24000	20000	22000	34900	18000	27900
23	17200	11100	13700	24000	9590	20100	25900	21400	23500	30400	12300	24800
24	19100	12300	15600	25300	19000	22300	26400	19100	22900	26100	19000	23400
25	16700	13200	15800	29900	20700	26300	24800	19600	22300	23400	14400	20400
26	14800	656	9830	30000	12100	25000	25300	19100	22000	24800	14400	19700
27	14600	9550	12500	25100	10500	21300	22800	18400	20800	31300	24600	27400
28	15400	7970	12600	29600	8040	22100	23500	18400	20700	30100	27900	28800
29	14600	1380	9720	29200	15800	23900	24900	19000	21600	35300	27400	30700
30	20500	7560	12100	26000	17400	23000	29500	21600	25800	37500	27300	34300
31	---	---	---	23400	15400	20700	26700	23700	24800	---	---	---
MONTH	28000	656	13600	30000	2640	20200	35800	10500	21200	39100	4300	24600

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.3	25.9	26.1	23.1	22.8	22.9	19.5	18.3	18.9	14.4	14.0	14.2
2	26.2	25.9	26.0	23.1	22.1	22.9	18.5	18.0	18.3	15.2	14.4	14.9
3	26.6	26.0	26.1	22.3	21.0	21.7	18.2	17.6	17.9	17.0	15.0	16.0
4	26.8	26.2	26.5	21.5	21.0	21.2	18.1	17.9	18.0	17.8	15.9	16.8
5	26.8	26.5	26.7	21.3	20.8	21.0	18.6	18.0	18.4	17.0	15.1	16.0
6	26.5	25.6	26.0	21.5	20.7	20.9	18.8	17.9	18.4	15.6	14.9	15.3
7	25.8	25.4	25.6	---	---	---	18.7	17.3	17.9	15.1	14.5	14.8
8	25.5	25.2	25.4	---	---	---	17.7	16.8	17.3	14.9	14.2	14.5
9	25.3	24.2	24.8	20.8	20.4	20.6	17.5	16.9	17.2	15.8	14.6	15.3
10	25.2	23.9	24.7	21.5	20.4	20.8	17.5	17.1	17.3	17.6	14.9	16.4
11	25.4	24.9	25.2	21.0	20.4	20.8	17.4	17.0	17.2	16.9	15.7	16.5
12	25.5	25.3	25.4	21.1	20.6	20.9	17.4	17.1	17.3	17.0	16.1	16.6
13	25.6	25.4	25.4	20.9	20.5	20.8	17.8	17.1	17.5	18.1	16.7	17.0
14	25.8	25.2	25.5	20.9	20.6	20.8	18.1	17.4	17.8	18.0	15.1	16.6
15	26.0	25.3	25.8	20.9	20.5	20.7	17.7	17.3	17.5	15.8	13.8	14.5
16	26.2	25.7	26.0	20.8	20.3	20.5	17.4	16.5	16.9	15.3	14.5	15.0
17	26.2	25.4	25.9	20.9	20.0	20.5	16.9	16.0	16.4	15.5	15.0	15.3
18	26.1	25.8	26.0	20.4	19.9	20.1	16.5	15.7	16.1	15.9	15.4	15.7
19	25.8	25.4	25.6	20.1	19.9	20.0	16.1	14.8	15.6	16.8	15.4	16.0
20	25.4	24.7	25.3	20.3	19.7	20.1	16.1	14.7	15.2	16.8	15.5	16.1
21	25.4	24.8	25.1	20.4	19.8	20.0	15.3	13.0	14.3	15.8	14.5	15.2
22	25.1	24.5	24.8	20.4	20.0	20.3	15.7	14.2	14.8	15.3	14.2	14.5
23	24.6	23.8	24.2	20.6	20.3	20.4	15.9	13.8	14.7	14.7	14.2	14.5
24	24.5	22.3	24.0	20.7	20.3	20.5	15.2	13.9	14.5	15.2	14.4	14.7
25	24.6	22.9	24.0	20.8	20.2	20.5	14.3	12.8	13.7	14.6	13.7	14.2
26	24.1	21.8	23.0	20.5	19.9	20.2	14.5	12.8	13.7	13.8	12.7	13.3
27	23.4	22.3	22.8	20.3	19.5	20.0	13.6	13.2	13.4	12.9	11.9	12.3
28	22.8	22.4	22.7	20.0	19.4	19.7	14.2	13.4	13.7	12.5	10.8	11.5
29	22.9	22.4	22.7	19.9	19.2	19.6	14.2	13.7	13.9	11.5	10.6	11.0
30	23.0	22.5	22.8	19.6	18.8	19.1	14.1	13.6	13.9	11.6	10.9	11.2
31	23.1	22.6	22.9	---	---	---	14.1	13.7	13.9	11.8	11.0	11.4
MONTH	26.8	21.8	24.9	---	---	---	19.5	12.8	16.2	18.1	10.6	14.8

MOBILE RIVER BASIN

02471016 THREEMILE CREEK AT U.S. HIGHWAY 43 NEAR PRICHARD, AL--Continued

TEMPERATURE, WATER (DEG. C), 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	11.6	10.9	11.2	18.5	18.0	18.2	22.3	21.1	21.8	23.7	21.9	22.7
2	11.8	11.2	11.5	19.1	18.2	18.9	22.5	21.5	21.9	24.1	23.0	23.5
3	12.1	11.3	11.7	19.2	18.6	18.9	23.2	21.5	22.5	24.9	23.5	24.1
4	12.5	11.6	12.2	19.4	18.8	19.0	23.0	21.5	22.1	25.4	24.0	24.4
5	12.6	11.4	12.0	19.1	18.5	18.8	21.5	20.2	20.9	26.0	24.3	25.0
6	12.1	11.4	11.8	19.2	18.5	18.9	21.4	20.6	21.0	26.1	24.4	25.2
7	12.2	11.5	11.9	20.2	18.6	19.2	21.7	20.3	20.9	26.2	24.4	25.2
8	12.2	11.9	12.0	19.9	18.8	19.3	22.0	20.9	21.3	26.3	24.9	25.4
9	12.8	12.0	12.4	20.1	19.2	19.7	21.2	19.0	20.0	26.5	25.1	25.6
10	12.9	12.4	12.6	21.4	19.8	20.5	20.4	18.8	19.5	26.2	25.4	25.8
11	13.1	12.6	12.9	21.6	20.4	20.9	20.8	19.2	19.9	26.7	25.6	26.0
12	13.7	13.0	13.3	21.1	19.4	20.0	21.4	19.4	20.5	27.9	26.0	26.8
13	14.2	12.9	13.5	19.6	18.6	19.1	21.7	19.7	20.9	28.0	26.6	27.2
14	17.6	13.8	15.6	19.4	18.6	19.0	21.9	20.9	21.3	27.4	26.6	26.8
15	16.8	14.2	15.6	19.3	18.6	18.9	21.5	20.4	21.0	26.7	25.5	26.0
16	16.2	14.6	15.6	19.8	18.6	19.0	21.8	20.2	21.2	26.0	25.5	25.8
17	16.7	15.1	16.3	19.8	19.4	19.6	21.5	19.4	20.6	27.1	26.0	26.5
18	18.4	15.5	17.3	20.2	19.0	19.7	22.5	20.3	21.1	27.7	26.7	27.1
19	18.8	17.0	18.1	20.1	18.6	19.4	23.4	20.2	21.6	28.3	27.1	27.6
20	18.6	17.2	17.8	19.6	18.8	19.2	23.6	20.7	22.0	28.3	27.6	27.9
21	17.6	16.1	16.9	19.8	18.6	19.4	24.1	20.9	22.2	28.0	27.6	27.7
22	16.5	16.0	16.3	20.3	19.5	19.8	24.1	21.1	22.4	28.0	27.2	27.6
23	16.7	16.1	16.4	21.2	19.9	20.3	23.4	21.2	21.9	28.4	27.6	27.8
24	16.8	16.3	16.6	21.4	19.6	20.5	23.0	20.8	21.9	28.7	28.0	28.2
25	17.5	16.5	16.9	21.3	19.0	20.2	22.7	21.3	21.9	29.1	28.3	28.5
26	18.1	17.2	17.9	21.3	19.0	20.4	22.4	21.2	21.8	29.9	28.6	29.0
27	18.9	17.8	18.5	21.3	19.4	20.4	22.3	21.1	21.5	30.1	28.9	29.3
28	18.8	17.6	18.2	---	---	---	22.1	21.5	21.7	29.9	29.2	29.4
29	18.3	17.9	18.1	---	---	---	22.3	21.5	21.9	29.2	28.6	29.0
30	---	---	---	21.3	19.9	20.2	22.4	21.8	22.0	29.1	27.9	28.4
31	---	---	---	21.7	20.5	21.1	---	---	---	28.4	28.1	28.2
MONTH	18.9	10.9	14.9	---	---	---	24.1	18.8	21.4	30.1	21.9	26.7
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.2	28.3	28.7	30.2	29.5	30.0	30.5	29.8	30.2	31.7	29.4	31.3
2	29.7	28.7	29.1	30.7	29.8	30.2	30.2	29.8	30.0	31.2	29.1	30.6
3	30.1	29.0	29.5	30.9	30.2	30.7	30.1	29.2	29.9	31.0	30.6	30.9
4	30.3	29.2	29.7	31.1	30.7	30.8	29.7	29.2	29.6	31.2	30.9	31.0
5	30.0	29.0	29.3	31.0	30.3	30.7	29.8	29.6	29.7	31.6	31.0	31.2
6	29.1	28.4	28.9	31.0	30.3	30.6	30.4	29.7	30.0	31.6	29.2	30.7
7	28.8	27.6	28.1	30.9	30.5	30.8	30.9	30.4	30.6	30.5	25.2	27.5
8	28.1	27.8	27.9	30.9	30.3	30.5	31.2	30.7	30.9	29.4	27.1	28.7
9	28.7	27.8	28.2	31.4	30.5	30.8	31.3	30.6	30.9	29.0	28.6	28.8
10	29.3	28.3	28.7	31.9	31.2	31.5	31.2	30.0	30.5	29.4	28.8	29.1
11	29.6	28.8	29.1	32.2	31.5	31.9	30.7	30.0	30.3	29.7	29.4	29.5
12	29.7	29.2	29.5	32.2	31.7	31.9	31.0	30.0	30.2	29.9	29.6	29.7
13	29.6	29.2	29.4	32.2	31.6	31.9	31.0	29.6	30.1	30.0	29.9	29.9
14	30.4	29.5	29.8	32.2	31.4	31.8	30.8	30.2	30.4	30.0	29.8	29.8
15	30.3	29.2	29.7	31.9	31.3	31.6	31.0	30.5	30.8	30.0	29.9	29.9
16	29.7	28.6	29.4	31.7	30.8	31.4	31.1	30.8	31.0	29.9	29.3	29.8
17	29.2	28.8	29.0	31.4	30.6	31.1	31.2	30.9	31.1	29.4	29.0	29.2
18	29.2	27.7	28.7	31.3	30.8	31.1	31.7	31.1	31.4	29.0	28.8	28.9
19	29.1	28.3	28.9	31.5	30.7	31.1	32.3	31.7	32.1	28.9	28.7	28.8
20	29.6	28.9	29.3	31.6	31.1	31.3	32.3	31.7	31.9	29.3	28.9	29.0
21	30.2	29.4	29.8	31.7	28.8	31.0	31.8	31.4	31.6	29.4	29.1	29.3
22	30.2	29.7	29.9	31.0	29.7	30.7	31.8	31.5	31.6	29.4	28.9	29.1
23	30.2	29.0	29.8	30.8	29.7	30.3	31.5	31.2	31.4	29.8	29.1	29.2
24	29.9	29.5	29.7	30.3	30.0	30.1	31.7	31.1	31.3	30.0	29.6	29.8
25	30.2	29.7	30.0	30.2	29.8	29.9	31.8	31.3	31.5	30.1	29.4	29.9
26	30.4	25.4	29.0	30.6	29.9	30.1	31.7	31.3	31.5	29.6	27.7	28.4
27	29.7	28.9	29.3	30.9	30.3	30.6	32.1	31.7	31.9	28.0	27.5	27.8
28	29.9	29.3	29.7	31.2	30.0	30.6	32.0	31.4	31.7	27.8	26.8	27.3
29	30.1	29.2	29.7	31.2	30.1	30.7	32.2	31.6	31.9	27.4	26.7	26.9
30	29.9	29.5	29.7	31.4	30.8	31.1	32.2	31.4	31.7	26.9	26.5	26.6
31	---	---	---	31.1	30.4	30.9	31.9	31.6	31.8	---	---	---
MONTH	30.4	25.4	29.2	32.2	28.8	30.9	32.3	29.2	31.0	31.7	25.2	29.3

MOBILE RIVER BASIN

02471078 FOWL RIVER AT HALF MILE ROAD NEAR LAURENDINE, AL

LOCATION.--Lat 30°30'02", long 88°10'53", in NE$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	22	19	19	19	18	23	16	14	18	21	12
2	21	21	20	19	18	18	21	16	14	16	20	12
3	21	20	20	19	18	18	21	16	14	15	16	18
4	22	20	20	20	18	18	22	16	14	15	16	14
5	22	20	21	20	18	18	20	16	14	14	14	14
6	21	20	21	23	18	18	20	16	15	14	13	15
7	21	19	20	20	18	17	19	15	14	13	14	35
8	28	19	20	20	18	17	19	15	13	13	16	33
9	93	19	20	20	18	17	19	15	14	13	14	24
10	99	19	21	21	18	17	19	15	13	14	15	18
11	69	20	19	20	18	19	19	15	13	13	47	16
12	30	19	19	20	18	20	19	15	13	13	21	18
13	26	19	24	20	18	18	18	15	14	12	16	31
14	24	20	26	20	19	18	23	17	13	12	14	56
15	22	19	21	19	18	18	21	15	15	14	13	20
16	22	19	19	19	18	24	19	14	19	14	13	17
17	21	19	20	19	18	20	19	14	18	20	12	15
18	21	19	25	19	18	19	18	15	20	16	12	15
19	21	19	35	19	18	241	17	15	17	14	12	14
20	21	26	25	19	17	97	17	15	16	13	12	14
21	21	29	61	19	17	27	17	23	15	22	14	15
22	20	22	35	19	17	23	16	21	15	89	13	19
23	20	21	24	21	17	21	17	18	14	60	13	17
24	20	21	22	23	17	20	20	16	13	22	13	16
25	20	20	21	22	17	20	20	15	15	17	12	15
26	20	20	21	20	17	24	18	15	46	15	12	15
27	20	20	20	20	19	49	19	14	66	14	12	14
28	20	20	22	20	19	27	18	14	29	13	12	14
29	19	20	21	19	18	31	17	19	21	13	12	14
30	20	19	20	19	---	69	16	16	20	13	11	13
31	20	---	20	19	---	28	---	14	---	13	11	---
TOTAL	867	610	722	616	519	1009	571	491	551	577	466	563
MEAN	28.0	20.3	23.3	19.9	17.9	32.5	19.0	15.8	18.4	18.6	15.0	18.8
MAX	99	29	61	23	19	241	23	23	66	89	47	56
MIN	19	19	19	19	17	17	16	14	13	12	11	12
CFSM	1.70	1.23	1.41	1.20	1.08	1.97	1.15	.96	1.11	1.13	.91	1.14
IN.	1.95	1.38	1.63	1.39	1.17	2.27	1.29	1.11	1.24	1.30	1.05	1.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2000, BY WATER YEAR (WY)

MEAN	39.5	38.9	34.7	63.2	42.0	63.2	51.1	34.8	35.0	57.0	29.4	51.4
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	23.7	20.3	23.3	19.9	17.9	32.5	19.0	15.8	18.4	18.6	15.0	18.8
(WY)	1997	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1995 - 2000	
ANNUAL TOTAL	11600		7562			
ANNUAL MEAN	31.8		20.7		45.3	
HIGHEST ANNUAL MEAN					66.4	1998
LOWEST ANNUAL MEAN					20.7	2000
HIGHEST DAILY MEAN	314	Mar 14	241	Mar 19	2220	Jul 19 1997
LOWEST DAILY MEAN	19	Oct 29	11	Aug 30, 31	11	Aug 30, 31 2000
ANNUAL SEVEN-DAY MINIMUM	19	Nov 7	12	Aug 25	12	Aug 25 2000
INSTANTANEOUS PEAK FLOW			453	Mar 19	6940	Jul 19 1997
INSTANTANEOUS PEAK STAGE			6.90	Mar 19	12.56	Jul 19 1997
ANNUAL RUNOFF (CFSM)	1.93		1.25		2.75	
ANNUAL RUNOFF (INCHES)	26.15		17.05		37.32	
10 PERCENT EXCEEDS	40		24		57	
50 PERCENT EXCEEDS	26		19		29	
90 PERCENT EXCEEDS	20		13		19	

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 SE$^1/_4$ 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 mi^2, 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, 349,500 acre-ft, Apr. 5, elevation, 565.38 ft; minimum daily contents, 145,300 acre-ft, Jan. 7, elevation, 557.33 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (equivalent in cubic feet per second)
Sept. 30	560.07	202,200	--	--
Oct. 31	560.08	202,400	+200	+3
Nov. 30	559.52	189,800	-13,600	-229
Dec. 31	557.51	148,600	-41,200	-670
CAL YR 1999			-3,800	-5
Jan. 31	560.07	202,200	+53,600	+872
Feb. 29	561.64	240,500	+38,300	+666
Mar. 31	562.47	262,600	+22,100	+359
Apr. 30	563.90	303,400	+40,800	+686
May 31	562.23	256,100	-47,300	-769
June 30	562.51	263,600	+7,500	+126
July 31	561.72	242,600	-21,000	-342
Aug. 31	560.66	216,100	-26,500	-431
Sept. 30	560.59	214,400	-1,700	-29
WTR YR 2000			+12,200	+17

02401620 H. NEELY HENRY RESERVOIR NEAR GADSDEN, AL

LOCATION.--Lat 33°47'02", long 86°03'10", in N$^1/_2$ 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 mi^2.
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, 118,700 acre-ft, May 7, elevation, 507.80 ft; minimum daily contents, 82,900 acre-ft, Dec. 6, elevation, 504.14 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (equivalent in cubic feet per second)
Sept. 30	506.43	104,200	--	--
Oct. 31	506.37	103,500	-700	-11
Nov. 30	504.83	88,900	-14,600	-245
Dec. 31	504.73	88,000	-900	-15
CAL YR 1999			-800	-1
Jan. 31	504.99	90,400	+2,400	+39
Feb. 29	504.81	88,800	-1,600	-28
Mar. 31	506.72	107,100	+18,300	+298
Apr. 30	507.71	117,600	+10,500	+176
May 31	506.37	103,500	-14,100	-229
June 30	506.65	106,400	+2,900	+49
July 31	506.52	105,100	-1,300	-21
Aug. 31	505.51	105,000	-100	-2
Sept. 30	505.86	108,500	+3,500	+59
WTR YR 2000			+4,300	+6

02405200 LOGAN MARTIN RESERVOIR NEAR CHILDERSBURG, AL

LOCATION.--Lat 33°24'33", long 86°20'17", in NW$^1/_4$ 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 mi^2.
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, 362,700 acre-ft, Apr. 5, elevation, 470.16 ft; minimum daily, 196,300 acre-ft, Jan. 3, elevation, 459.19 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (equivalent in cubic feet per second)
Sept. 30	462.51	237,600	--	--
Oct. 31	461.41	223,100	-14,500	-236
Nov. 30	461.00	217,900	-5,200	-87
Dec. 31	459.58	200,800	-17,100	-278
CAL YR 1999			-1,300	-2
Jan. 31	459.98	205,500	+4,700	+76
Feb. 29	460.04	206,200	+700	+12
Mar. 31	462.93	243,300	+37,100	+603
Apr. 30	463.79	255,400	+12,100	+203
May 31	463.20	247,000	-8,400	-137
June 30	463.44	250,400	+3,400	+57
July 31	462.50	237,400	-13,000	-211
Aug. 31	461.79	228,000	-9,400	-153
Sept. 30	462.38	235,800	+7,800	+131
WTR YR 2000			-1,800	-2

02407950 LAY LAKE NEAR CLANTON, AL

LOCATION.--Lat 32°57'54", long 86°31'03", in NE$^1/_4$ 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 mi^2.
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$^1/_4$ 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 mi^2.
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$^1/_2$ 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 mi^2.
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 taintor gates 30 ft wide by 18 ft high and 18 taintor 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$^1/_4$ 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 1999 TO SEPTEMBER 2000

Date	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (equivalent in cubic feet per second)
Sept. 30	641,200	--	--
Oct. 31	644,400	+3,200	+52
Nov. 30	660,000	+15,600	+262
Dec. 31	659,700	-300	-5
CAL YR 1999		-1,500	-2
Jan. 31	667,000	+7,300	+119
Feb. 29	666,500	-500	-9
Mar. 31	668,200	+1,700	+28
Apr. 30	666,900	-1,300	-22
May 31	658,100	-8,800	-143
June 30	663,200	+5,100	+86
July 31	662,600	-600	-10
Aug. 31	665,400	+2,800	+46
Sept. 30	657,100	8,300	-139
WTR YR 2000		+15,900	-22

02413950 HARRIS RESERVOIR NEAR WEDOWEE, AL

LOCATION.--Lat 33°15'37", long 85°37'00", in NW$^1/_4$ 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 mi^2, 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, 316,300 acre-ft, Oct. 4, 6-9, 1986, elevation, 781.44 ft.
EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 427,200 acre-ft, May 24, elevation, 793.14 ft; minimum daily, 324,700 acre-ft, Sept. 30, elevation 782.43 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (equivalent in cubic feet per second)
Sept. 30	785.51	351,800	--	--
Oct. 31	784.78	345,200	-6,600	-107
Nov. 30	784.84	345,800	+600	+10
Dec. 31	783.31	332,300	-13,500	-220
CAL YR 1999			-11,800	-16
Jan. 31	784.59	343,500	+11,200	+182
Feb. 29	786.71	362,900	+19,400	+337
Mar. 31	790.51	399,800	+36,900	+600
Apr. 30	792.52	420,600	+20,800	+350
May 31	792.92	424,900	+4,300	+70
June 30	790.43	399,000	-25,900	-435
July 31	787.37	369,100	-29,900	-486
Aug. 31	785.01	347,300	-21,800	-355
Sept. 30	782.43	324,700	-22,600	-380
WTR YR 2000			-27,100	-37

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 mi^2.
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, 1,610,600 acre-ft, Apr. 23, elevation, 489.70 ft; minimum daily, 1,199,400 acre-ft, Jan. 8, elevation, 478.15 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (equivalent in cubic feet per second)
Sept. 30	484.80	1,426,600	--	--
Oct. 31	483.24	1,371,000	-55,600	-904
Nov. 30	480.91	1,290,600	-80,400	-1,350
Dec. 31	478.65	1,215,600	-75,000	-1,220
CAL YR 1999			-22,200	-31
Jan. 31	479.89	1,256,300	+40,700	+662
Feb. 29	481.69	1,317,100	+60,800	+1,060
Mar. 31	485.87	1,465,600	+148,500	+2,420
Apr. 30	489.46	1,601,300	+135,700	+2,280
May 31	488.85	1,577,700	-23,600	-384
June 30	487.55	1,528,100	-49,600	-834
July 31	485.64	1,457,100	-71,000	-1,150
Aug. 31	483.58	1,383,000	-74,100	-1,210
Sept. 30	482.01	1,328,100	-54,900	-923
WTR YR 2000			-98,500	-136

02451950 LEWIS SMITH RESERVOIR NEAR JASPER, AL

LOCATION.--Lat 33°56'26", long 87°06'28", in W$^1/_2$ 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 mi^2.

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, 1,550,300 acre-ft, Apr. 6, elevation, 517.13 ft; minimum daily, 1,043,200 acre-ft, Sept. 29, 30, elevation, 491.09 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Change in contents (equivalent in cubic feet per second)
Sept. 30	496.18	1,126,700	--	--
Oct. 31	494.74	1,102,400	-24,300	-395
Nov. 30	494.20	1,093,400	-9,000	-151
Dec. 31	493.09	1,075,300	-18,100	-294
CAL YR 1999			-105,500	-146
Jan. 31	496.05	1,124,500	+49,200	+800
Feb. 29	497.96	1,157,500	+33,000	+574
Mar. 31	508.65	1,361.700	+204,200	+3,320
Apr. 30	510.22	1,394,700	+33,000	+555
May 31	508.17	1,351,700	-43,000	-699
June 30	505.42	1,296,300	-55,400	-931
July 31	500.83	1,208,900	-87,400	-1,420
Aug. 31	496.00	1,123,600	-85,300	-1,390
Sept. 30	491.09	1,043,200	-80,400	-1,350
WTR YR 2000			-83,500	-115

PASCAGOULA RIVER BASIN

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS

LOCATION.--Lat 30°48'12", long 88°27'31", in SW$^1/_4$SW$^1/_4$ 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 mi^2.
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 50 ft above sea level, from topographic map.
REMARKS.--Estimated daily discharges: Aug. 10-14, Sept. 14, 16-30. Records good except for periods of estimated record, which are fair.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	209	193	145	271	343	470	1150	177	83	111	238	69
2	178	218	145	260	323	388	924	163	82	97	217	103
3	156	201	146	254	300	325	710	154	81	89	210	97
4	145	181	147	280	283	288	833	146	82	85	216	97
5	140	170	170	320	271	306	1150	140	83	82	186	83
6	133	165	216	331	254	362	1000	135	92	77	141	85
7	132	161	208	353	246	379	813	129	94	74	116	97
8	163	157	192	357	240	379	682	125	85	73	101	140
9	1240	156	182	333	239	333	560	120	81	74	97	142
10	2850	155	189	512	235	270	456	117	79	77	e120	125
11	3730	154	196	637	238	269	377	115	77	78	e200	137
12	2340	152	190	661	228	314	314	112	75	86	e160	141
13	1230	150	218	594	225	303	361	111	76	73	e110	180
14	799	149	336	494	471	357	964	123	76	67	e97	e220
15	539	151	326	407	701	343	832	120	78	65	90	170
16	393	145	259	349	495	308	850	109	87	65	84	e130
17	316	144	219	313	371	275	682	105	90	64	78	e110
18	272	143	229	289	318	247	496	102	112	69	73	e100
19	243	144	573	273	287	1030	383	101	136	69	69	e95
20	223	157	726	261	259	2890	306	101	105	66	65	e90
21	210	188	1060	249	240	2960	250	99	99	89	64	e85
22	199	181	1350	239	226	2220	214	101	89	125	64	e120
23	191	179	1020	250	217	1810	193	99	83	87	82	e100
24	181	173	747	400	213	1410	200	95	81	82	85	e95
25	175	166	561	548	208	999	242	93	95	77	71	e90
26	172	163	455	553	206	776	294	91	100	70	66	e86
27	169	158	391	493	272	670	339	89	101	77	63	e84
28	166	155	349	433	506	863	300	91	101	82	66	e82
29	164	152	318	393	529	1140	245	101	132	70	74	e80
30	161	148	303	365	---	1590	202	91	149	67	67	e78
31	160	---	283	358	---	1440	---	86	---	102	62	---
TOTAL	17379	4909	11849	11830	8944	25714	16322	3541	2784	2469	3432	3311
MEAN	561	164	382	382	308	829	544	114	92.8	79.6	111	110
MAX	3730	218	1350	661	701	2960	1150	177	149	125	238	220
MIN	132	143	145	239	206	247	193	86	75	64	62	69
CFSM	1.00	.29	.68	.68	.55	1.48	.97	.20	.17	.14	.20	.20
IN.	1.15	.32	.78	.78	.59	1.70	1.08	.23	.18	.16	.23	.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2000, BY WATER YEAR (WY)

MEAN	576	844	1181	1821	2025	2035	1712	1290	747	637	554	718
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	126	152	364	365	308	742	490	114	92.8	79.6	111	110
(WY)	1982	1982	1982	1981	2000	1982	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1974 - 2000	
ANNUAL TOTAL	260680		112484			
ANNUAL MEAN	714		307		1174	
HIGHEST ANNUAL MEAN					1922	1980
LOWEST ANNUAL MEAN					307	2000
HIGHEST DAILY MEAN	8070	Feb 4	3730	Oct 11	26800	Sep 30 1998
LOWEST DAILY MEAN	119	Sep 26	62	Aug 31	62	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	123	Sep 21	66	Jul 14	66	Jul 14 2000
INSTANTANEOUS PEAK FLOW			3900	Oct 11	27800	Sep 30 1998
INSTANTANEOUS PEAK STAGE			13.09	Oct 11	22.81	Sep 30 1998
ANNUAL RUNOFF (CFSM)	1.27		.55		2.09	
ANNUAL RUNOFF (INCHES)	17.25		7.45		28.38	
10 PERCENT EXCEEDS	1440		674		2690	
50 PERCENT EXCEEDS	298		172		611	
90 PERCENT EXCEEDS	148		78		184	

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 SE$^1/_4$ 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 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1990 to current year.
GAGE.--Water-stage recorder. Altitude of gage is 125 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	27	15	21	22	20	21	13	8.5	16	24	7.8
2	19	24	16	22	21	19	19	13	8.5	12	17	12
3	18	18	16	21	21	18	20	13	8.3	10	15	11
4	17	17	19	33	20	18	37	12	8.4	9.7	23	9.1
5	17	17	30	29	19	17	27	12	8.7	9.1	14	8.2
6	16	16	30	24	19	17	21	12	10	8.6	11	9.0
7	16	16	21	22	19	17	19	12	8.8	8.4	9.6	25
8	25	16	19	21	20	16	17	11	8.2	8.6	8.9	23
9	136	16	18	22	20	19	16	11	8.1	8.4	9.1	16
10	158	16	19	76	19	17	16	11	7.9	8.4	13	13
11	107	16	20	56	19	25	16	11	7.7	8.3	20	12
12	47	16	17	33	19	30	16	10	7.5	9.1	14	12
13	27	19	22	29	20	21	23	12	8.0	8.2	11	12
14	22	16	21	30	35	19	68	16	7.7	8.1	9.4	13
15	19	15	19	26	27	19	37	12	7.8	8.0	8.8	11
16	18	15	17	24	22	21	25	11	8.6	7.6	8.3	9.6
17	17	15	18	23	21	21	20	10	9.6	8.0	7.9	8.8
18	16	15	33	23	21	20	18	10	14	9.8	7.6	8.5
19	16	15	89	23	20	125	16	14	15	8.7	7.5	10
20	16	18	48	22	18	135	15	10	10	8.1	7.4	8.7
21	16	21	107	22	18	66	14	10	8.9	8.5	7.6	9.2
22	15	19	81	21	18	31	14	10	8.2	12	7.8	12
23	15	18	38	25	18	24	14	9.6	7.7	12	9.3	11
24	15	17	29	43	18	22	20	9.2	7.4	10	8.2	9.8
25	15	17	25	40	21	20	21	9.0	8.0	8.8	7.7	9.3
26	15	17	24	27	18	20	17	8.9	16	8.1	7.5	8.9
27	15	16	23	24	28	23	19	8.7	18	9.7	7.3	8.7
28	15	16	22	24	29	22	17	9.7	15	8.6	7.3	8.5
29	15	16	22	24	22	25	14	12	37	8.0	7.1	8.3
30	15	15	21	24	---	38	13	9.3	36	8.2	6.7	8.1
31	15	---	21	24	---	27	---	8.7	---	11	6.8	---
TOTAL	917	515	920	878	612	932	630	341.1	343.5	288.0	329.8	333.5
MEAN	29.6	17.2	29.7	28.3	21.1	30.1	21.0	11.0	11.4	9.29	10.6	11.1
MAX	158	27	107	76	35	135	68	16	37	16	24	25
MIN	15	15	15	21	18	16	13	8.7	7.4	7.6	6.7	7.8
CFSM	.94	.55	.94	.90	.67	.96	.67	.35	.36	.30	.34	.35
IN.	1.08	.61	1.09	1.04	.72	1.10	.74	.40	.41	.34	.39	.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2000, BY WATER YEAR (WY)

MEAN	41.7	55.9	63.5	96.9	84.0	86.4	66.9	78.2	53.9	58.0	40.2	44.8
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	17.9	17.2	29.7	28.3	21.1	30.1	21.0	11.0	11.4	9.29	10.6	11.1
(WY)	1993	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1990 - 2000	
ANNUAL TOTAL	13520		7039.9			
ANNUAL MEAN	37.0		19.2		64.6	
HIGHEST ANNUAL MEAN					94.1	1991
LOWEST ANNUAL MEAN					19.2	2000
HIGHEST DAILY MEAN	266	Mar 14	158	Oct 10	3130	Sep 28 1998
LOWEST DAILY MEAN	13	Aug 15, 16	6.7	Aug 30	6.7	Aug 30 2000
ANNUAL SEVEN-DAY MINIMUM	14	Aug 13	7.2	Aug 25	7.2	Aug 25 2000
INSTANTANEOUS PEAK FLOW			175	Oct 9	6910	May 10 1991
INSTANTANEOUS PEAK STAGE			5.91	Oct 9	14.21	May 10 1991
ANNUAL RUNOFF (CFSM)	1.18		.61		2.05	
ANNUAL RUNOFF (INCHES)	15.98		8.32		27.87	
10 PERCENT EXCEEDS	69		27		132	
50 PERCENT EXCEEDS	24		16		38	
90 PERCENT EXCEEDS	15		8.2		18	

02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, 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 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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)
JAN											
11...	1120	14.0	21.9	768	3.35	55	3.5	40	1.2	30	31
JUN											
06...	1120	23.0	28.7	767	1.67	10	1.6	20	.90	26	28

DATE	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)
JAN										
11...	8.7	84	5.4	0	1	1	K1200	K1100	.44	.45
JUN										
06...	7.4	86	5.4	--	3	3	K950	K850	--	--

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
JAN										
11...	.21	.22	.030	.03	<.010	<.01	.25	.24	.2	.200
JUN										
06...	--	--	.020	.02	<.010	<.01	<.20	<.20	.4	.440

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN										
11...	.04	.04	1.9	.008	.005	<.001	5.6	--	<.001	3
JUN										
06...	.03	.03	--	.009	.005	<.001	3.7	2.7	<.001	2

PASCAGOULA RIVER BASIN

02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
AUG 09...	1155	25.0	1.52	9.0	2.1	30	.80	24	28	7.9	5.8	6.6

DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
AUG 09...	2	2	200	120	.040	.04	<.010	<.01	<.20	<.20	.4	.380

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)
AUG 09...	.05	.05	.003	.010	.003	<.001	2.5	2.4	.001	7	5	1.00

DATE	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
AUG 09...	1.00	2.0	.3	38	.4	4.3	1.0	<.1	6.6	<1.0	<1	34

DATE	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)
AUG 09...	36.0	<1	<1	7	<.5	<.5	<1.0	<1	<2	<2	570	260

DATE	LEAD, DISSOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, DISSOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ANTIMONY, TOTAL (UG/L AS SB) (01097)
AUG 09...	<2	<2	27	19	<1	<1	<1	<1	2	2	<1	<1.0

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG 09...	36	80	<1.0	<1	<.1	<.1	4	20	19	.49	.03

PASCAGOULA RIVER BASIN

02479980 CROOKED CREEK NEAR FAIRVIEW, AL

LOCATION.--Lat 30°46'48", long 88°19'08", in SW$^1/_4$ 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 mi^2.

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.--Estimated daily discharges: Nov. 23 to Jan. 3, July 13-20. Records good except those of estimated periods, 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6	21	e8.7	e8.6	8.5	8.1	10	6.3	6.1	7.5	16	12
2	8.7	12	e8.8	e8.5	8.4	7.9	9.2	6.3	5.8	6.8	22	15
3	8.7	9.7	e9.0	e8.7	8.2	7.8	8.9	6.2	5.5	6.3	10	17
4	8.5	9.6	e10	10	8.1	8.0	11	6.3	5.3	5.8	10	8.2
5	8.3	9.4	e14	9.2	8.0	7.7	8.4	6.4	8.4	5.6	7.0	7.5
6	8.1	9.6	e11	8.6	8.0	7.8	7.8	6.2	13	5.4	5.7	8.4
7	8.3	9.3	e9.5	8.4	8.1	7.6	7.7	6.3	6.8	5.6	5.4	35
8	17	9.1	e9.1	8.3	8.2	7.6	7.7	6.3	5.9	6.1	4.8	17
9	105	8.9	e9.0	10	8.2	7.7	7.3	6.2	5.6	6.5	4.6	9.0
10	95	9.3	e9.1	34	8.1	7.6	7.3	6.1	5.2	6.1	13	7.7
11	37	9.0	e9.0	12	8.1	10	7.2	6.1	5.1	5.6	78	14
12	14	9.0	e9.2	9.9	8.1	8.2	7.2	6.3	4.9	6.9	9.8	7.7
13	12	9.0	e11	9.3	8.3	7.7	10	6.6	4.9	e5.8	7.3	21
14	12	9.1	e9.9	8.8	9.0	7.4	18	7.1	5.0	e5.3	6.3	17
15	11	9.2	e9.2	8.5	8.2	7.7	9.6	6.2	5.2	e5.5	6.0	8.2
16	10	8.9	e9.0	8.5	8.0	10	8.5	5.8	6.1	e5.2	5.9	6.6
17	10	8.8	e9.5	8.4	8.0	11	7.7	5.7	6.5	e5.5	5.6	6.0
18	10	8.8	e14	8.4	8.0	9.1	7.0	5.6	43	e6.5	5.5	5.7
19	9.6	9.0	e18	9.5	8.0	63	6.9	5.6	47	e5.5	5.3	5.8
20	9.5	20	e11	9.4	7.8	15	6.9	5.7	9.0	e5.0	5.1	5.6
21	9.3	16	e32	8.4	7.8	10	7.2	9.9	7.7	16	5.4	8.4
22	9.1	11	e17	8.4	7.7	9.5	6.7	22	7.0	24	5.2	11
23	9.0	e9.7	e12	11	7.8	9.1	6.6	8.3	6.5	13	5.2	6.9
24	9.1	e9.6	e10	14	7.9	8.7	11	6.8	6.8	8.4	6.2	6.1
25	9.1	e9.6	e9.5	10	7.9	8.7	8.8	6.5	6.6	6.6	5.5	6.1
26	8.9	e9.5	e9.2	9.0	7.9	9.3	7.3	6.0	9.9	6.2	5.0	6.2
27	8.9	e9.4	e9.0	8.6	11	10	7.4	5.7	20	6.1	5.0	6.0
28	8.9	e9.2	e8.9	9.0	9.3	8.9	7.1	9.6	16	5.8	5.0	5.9
29	9.0	e9.0	e8.8	8.9	8.2	48	6.9	22	10	5.6	4.6	5.9
30	9.2	e8.8	e8.7	9.3	---	76	6.6	7.7	9.0	5.4	4.5	6.1
31	9.1	---	e8.6	8.8	---	12	---	6.6	---	6.8	4.8	---
TOTAL	511.9	310.5	341.7	312.4	238.8	437.1	249.9	234.4	303.8	222.4	289.7	303.0
MEAN	16.5	10.4	11.0	10.1	8.23	14.1	8.33	7.56	10.1	7.17	9.35	10.1
MAX	105	21	32	34	11	76	18	22	47	24	78	35
MIN	8.1	8.8	8.6	8.3	7.7	7.4	6.6	5.6	4.9	5.0	4.5	5.6
CFSM	2.04	1.28	1.36	1.25	1.02	1.75	1.03	.94	1.25	.89	1.16	1.25
IN.	2.36	1.43	1.57	1.44	1.10	2.01	1.15	1.08	1.40	1.02	1.33	1.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2000, BY WATER YEAR (WY)

MEAN	14.5	15.2	17.1	26.5	18.7	23.0	17.3	20.4	17.2	19.6	14.1	16.2
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	7.99	8.75	11.0	10.1	8.23	13.6	8.33	7.56	10.1	7.17	8.96	7.91
(WY)	1993	1995	1994	2000	2000	1994	2000	2000	2000	2000	1992	1994

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1990 - 2000	
ANNUAL TOTAL	6045.8		3755.6			
ANNUAL MEAN	16.6		10.3		18.5	
HIGHEST ANNUAL MEAN					28.9	1998
LOWEST ANNUAL MEAN					10.3	2000
HIGHEST DAILY MEAN	252	Mar 14	105	Oct 9	826	Sep 28 1998
LOWEST DAILY MEAN	8.1	Sep 27, Oct 6	4.5	Aug 30	4.5	Aug 30 2000
ANNUAL SEVEN-DAY MINIMUM	8.3	Sep 22	4.9	Aug 25	4.9	Aug 25 2000
INSTANTANEOUS PEAK FLOW			*285	Mar 29	*1930	Dec 18 1995
INSTANTANEOUS PEAK STAGE			4.60	Mar 29	8.59	Dec 18 1995
ANNUAL RUNOFF (CFSM)	2.05		1.27		2.29	
ANNUAL RUNOFF (INCHES)	27.83		17.29		31.05	
10 PERCENT EXCEEDS	20		14		27	
50 PERCENT EXCEEDS	12		8.4		12	
90 PERCENT EXCEEDS	8.9		5.6		8.1	

* From rating curve extension above 100 ft^3/s on basis of step-backwater rating analysis.
e Estimated

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)
JAN 10...	1300	16.2	20.9	764	2.75	46	15	50	1.4	39

DATE	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)
JAN 10...	41	7.8	79	6.5	0	9	7	3300	3400	.60

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
JAN 10...	.45	.020	.02	<.010	<.01	<.20	.47	.1	.130	.03

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN 10...	.03	2.7	.018	.006	.036	.009	.002	5.2	.006	19

PASCAGOULA RIVER BASIN

02479980 CROOKED CREEK NEAR FAIRVIEW, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
JUN												
05...	1330	24.0	23.1	766	.34	5.6	3.5	10	.60	66	43	6.7
AUG												
07...	1315	24.6	35.0	766	.42	5.4	2.6	20	.60	40	46	7.6

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBON DIOXIDE DISSOLVED (MG/L AS CO2) (00405)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
JUN												
05...	79	7.1	6.9	--	--	0	12	10	330	210	.61	<.010
AUG												
07...	44	6.4	7.4	9.3	12	--	15	12	680	470	--	.020

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)
JUN												
05...	<.01	<.010	<.01	<.20	.23	.4	.380	--	--	2.7	.012	.006
AUG												
07...	.02	<.010	<.01	<.20	<.20	.3	.300	.03	.03	--	.009	--

DATE	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
JUN												
05...	.045	.004	.002	2.6	2.4	.004	11	1	2.80	.90	2.7	.4
AUG												
07...	.014	.006	<.001	2.8	2.6	.003	13	1	3.70	1.00	2.7	.3

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
JUN											
05...	33	.8	4.5	1.0	<.1	6.1	<1.0	<1	27	29.0	<1
AUG											
07...	28	1.2	4.3	1.2	<.1	6.5	<1.0	<1	26	27.0	<1

PASCAGOULA RIVER BASIN

02479980 CROOKED CREEK NEAR FAIRVIEW, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
JUN											
05...	<1	15	<.5	<.5	<1.0	<1	<1	<1	970	360	<1
AUG											
07...	<1	15	<.5	<.5	<1.0	<1	<2	<2	800	330	<2

DATE	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, DISSOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ANTIMONY, TOTAL (UG/L AS SB) (01097)
JUN											
05...	<1	51	18	<1	<1	<1	<1	4	4	<1	<1.0
AUG											
07...	<2	23	14	<1	<1	<1	<1	2	4	<1	<1.0

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
JUN											
05...	14	77	<1.0	<1	<.1	<.1	5	27	27	.41	.04
AUG											
07...	13	52	<1.0	<1	<.1	<.1	4	28	30	.41	.04

PASCAGOULA RIVER BASIN

02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL

LOCATION.--Lat 30°43'33", long 88°16'35", in SE$^1/_4$ 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 mi^2.

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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	22	12	14	14	11	16	11	12	11	18	10
2	12	15	12	14	13	11	15	11	12	10	15	15
3	11	14	13	14	13	11	15	11	12	9.5	14	17
4	10	13	13	16	13	11	21	10	11	9.3	16	11
5	9.8	13	16	14	13	11	15	10	20	8.8	11	11
6	9.0	13	14	14	13	10	14	10	20	8.5	10	11
7	9.6	13	13	13	13	10	13	10	13	8.3	9.7	30
8	14	13	13	13	13	11	13	10	12	8.0	12	20
9	50	13	13	19	14	11	12	10	12	8.6	10	15
10	68	13	13	38	13	10	12	10	11	8.5	34	12
11	31	13	13	19	13	11	13	11	11	12	43	13
12	19	12	13	16	12	11	12	9.9	11	16	16	11
13	17	13	15	15	13	10	15	11	11	10	13	12
14	16	13	14	14	14	10	21	12	11	9.6	13	13
15	15	12	13	13	13	11	15	10	15	9.0	12	11
16	15	12	13	13	13	14	13	10	14	9.9	12	9.9
17	14	12	13	13	13	14	13	10	14	11	12	9.8
18	14	12	19	13	13	13	12	10	30	9.5	12	10
19	13	13	22	13	12	56	12	9.9	22	9.3	12	10
20	13	23	15	13	12	20	12	9.9	14	8.7	12	11
21	13	17	44	13	11	15	11	10	12	16	12	12
22	13	15	21	13	11	13	11	16	11	17	11	14
23	13	14	16	21	12	12	9.9	11	9.8	15	11	11
24	12	14	15	25	12	12	13	10	9.5	11	11	11
25	13	14	14	16	12	12	11	10	9.6	10	11	11
26	13	13	14	14	12	12	11	9.6	12	10	10	11
27	13	13	14	14	17	13	12	9.3	17	9.7	10	10
28	13	13	14	14	13	12	11	15	19	9.5	10	10
29	12	13	14	14	12	96	11	27	15	9.1	9.5	9.9
30	13	12	14	15	---	63	11	14	13	9.1	9.3	9.8
31	13	---	14	14	---	19	---	13	---	11	9.7	---
TOTAL	514.4	415	476	484	372	556	395.9	351.6	415.9	322.9	421.2	372.4
MEAN	16.6	13.8	15.4	15.6	12.8	17.9	13.2	11.3	13.9	10.4	13.6	12.4
MAX	68	23	44	38	17	96	21	27	30	17	43	30
MIN	9.0	12	12	13	11	10	9.9	9.3	9.5	8.0	9.3	9.8
CFSM	2.02	1.68	1.87	1.90	1.56	2.18	1.61	1.38	1.69	1.27	1.65	1.51
IN.	2.33	1.88	2.15	2.19	1.68	2.52	1.79	1.59	1.88	1.46	1.91	1.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2000, BY WATER YEAR (WY)

MEAN	19.7	20.4	22.6	29.9	22.2	27.6	23.4	24.9	22.9	23.9	18.3	25.0
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	12.2	13.6	15.4	15.6	12.8	17.9	13.2	11.3	13.9	10.4	13.6	12.4
(WY)	1993	1991	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1990 - 2000	
ANNUAL TOTAL	6761.1		5097.3			
ANNUAL MEAN	18.5		13.9		23.6	
HIGHEST ANNUAL MEAN					37.9	1998
LOWEST ANNUAL MEAN					13.9	2000
HIGHEST DAILY MEAN	254	Mar 14	96	Mar 29	2000	Sep 28 1998
LOWEST DAILY MEAN	9.0	Oct 6	8.0	Jul 8	8.0	Jul 8 2000
ANNUAL SEVEN-DAY MINIMUM	10	Sep 13	8.6	Jul 4	8.6	Jul 4 2000
INSTANTANEOUS PEAK FLOW			276	Mar 29	3640	Sep 28 1998
INSTANTANEOUS PEAK STAGE			4.62	Mar 29	8.70	Sep 28 1998
ANNUAL RUNOFF (CFSM)	2.25		1.69		2.87	
ANNUAL RUNOFF (INCHES)	30.60		23.07		38.98	
10 PERCENT EXCEEDS	22		17		30	
50 PERCENT EXCEEDS	15		13		17	
90 PERCENT EXCEEDS	12		9.9		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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
JAN												
13...	1600	18.4	20.6	771	2.63	15	2.2	20	.60	40	42	7.4
JUN												
15...	1330	23.2	24.2	765	2.53	17	12	30	1.1	41	42	6.7

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
JAN												
13...	78	5.9	0	8	6	210	220	--	--	--	--	.030
JUN												
15...	78	6.1	0	10	8	>1200	4200	.79	.70	.29	.21	.070

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)
JAN												
13...	.03	<.010	<.01	--	--	<.20	<.20	.5	.520	.04	.04	--
JUN												
15...	.08	.010	.01	.410	.41	.28	.37	.4	.420	.10	.09	1.81

DATE	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN											
13...	--	--	--	--	.006	.002	<.001	2.7	--	<.001	3
JUN											
15...	.033	3.5	.031	.003	.024	.005	.001	2.9	2.6	.010	8

PASCAGOULA RIVER BASIN

02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG 02...	1500	23.6	760	2.51	14	2.6	30	.70	43	44	6.7

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)
AUG 02...	79	6.4	7.1	9	8	290	180	.010	.01	<.010	<.01

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG 02...	<.20	<.20	.4	.420	.01	.01	.006	.013	.004	<.001	2.4

DATE	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
AUG 02...	2.4	.002	10	3	2.50	.90	3.6	.5	42	.7	5.0

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)
AUG 02...	1.9	<.1	6.6	<1.0	<1	28	30.0	<1	<1	12	<.5

DATE	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)
AUG 02...	<.5	<1.0	<1	<2	<2	810	290	<2	<2	31

PASCAGOULA RIVER BASIN

02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, DISSOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ANTIMONY, TOTAL (UG/L AS SB) (01097)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)
AUG										
02...	25	<1	<1	<1	<1	2	<2	<1	<1.0	24

DATE	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG										
02...	71	<1.0	<1	<.1	<.1	2	27	28	1.03	.04

TENNESSEE RIVER BASIN

03573182 SCARHAM CREEK NEAR MCVILLE, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 34°17'54", long 86°07'00", in NE$^1/_4$ 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 McVille Road), 1.4 mi northeast of McVille, and 2.4 mi southeast of Painter.
DRAINAGE AREA.--50.0 mi^2.

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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	9.2	1.7	3.4	95	65	66	44	3.7	29	.15	.06
2	.00	49	1.5	3.1	81	57	430	39	3.2	16	2.4	.04
3	.00	7.7	1.6	3.1	75	53	1770	36	2.8	11	1.2	.03
4	.00	2.7	1.5	68	70	63	1520	38	2.4	7.4	.83	.01
5	.01	1.7	1.8	46	61	53	457	31	32	5.3	.59	.00
6	.00	1.2	3.8	30	56	47	298	27	23	4.0	.43	.00
7	.00	1.1	3.4	24	54	43	229	23	10	3.2	.29	.00
8	.00	1.4	2.7	21	51	40	200	21	6.9	2.6	.23	.00
9	.02	1.4	2.5	30	48	38	165	18	5.2	2.2	.17	.00
10	.81	1.3	4.2	132	47	53	142	16	4.0	1.9	.12	.00
11	1.3	1.2	7.1	86	45	499	125	15	3.0	1.6	.18	.00
12	1.0	1.1	4.8	61	46	216	123	13	2.5	1.4	.13	.00
13	.80	1.1	5.8	51	50	149	126	11	2.1	1.1	.07	.03
14	.64	1.2	7.7	42	94	122	131	9.8	1.8	.88	.05	.02
15	.51	1.1	6.8	37	72	106	124	8.5	2.0	.73	.03	.00
16	.46	1.2	5.3	36	61	120	104	8.0	3.0	.62	.02	.00
17	.38	1.2	4.6	36	55	172	93	7.2	3.0	.51	.00	.00
18	.37	1.2	4.2	36	54	116	79	6.3	7.6	.44	.00	.00
19	.40	1.2	4.7	35	55	333	71	5.6	39	.36	.00	.00
20	.45	1.3	5.3	34	49	769	65	8.2	15	.36	.00	.01
21	.40	1.5	7.6	29	45	282	63	11	8.5	.58	.00	.55
22	.34	1.7	9.7	35	43	203	56	8.7	41	.47	.00	.54
23	.26	1.7	8.0	367	41	163	50	7.5	31	.36	.00	.39
24	.19	1.7	6.7	253	39	138	56	7.0	15	.28	.00	.61
25	.19	3.7	5.8	156	37	121	69	8.1	9.0	.21	.00	.50
26	.20	2.6	4.9	116	35	116	54	11	7.5	.17	.00	.65
27	.19	3.5	4.5	94	115	106	46	13	5.5	.13	.04	.65
28	.19	2.8	4.3	84	102	91	94	9.8	6.1	.11	.11	.51
29	.20	2.3	3.9	100	74	76	68	7.2	71	.14	.12	.31
30	.15	1.9	3.7	127	---	82	52	5.4	60	.16	.11	.24
31	.12	---	3.5	115	---	75	---	4.4	---	.16	.08	---
TOTAL	9.60	111.9	143.6	2290.6	1750	4567	6926	478.7	426.8	93.37	7.35	5.15
MEAN	.31	3.73	4.63	73.9	60.3	147	231	15.4	14.2	3.01	.24	.17
MAX	1.3	49	9.7	367	115	769	1770	44	71	29	2.4	.65
MIN	.00	1.1	1.5	3.1	35	38	46	4.4	1.8	.11	.00	.00
CFSM	.01	.07	.09	1.48	1.21	2.95	4.62	.31	.28	.06	.00	.00
IN.	.01	.08	.11	1.70	1.30	3.40	5.15	.36	.32	.07	.01	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	.16	2.92	29.2	150	170	138	147	43.7	62.3	101	2.22	.17
MAX	.31	3.73	53.8	227	283	147	231	71.9	110	199	4.21	.17
(WY)	2000	2000	1999	1999	1999	2000	2000	1999	1999	1999	1999	2000
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	32984.02		16810.07			
ANNUAL MEAN	90.4		45.9		70.1	
HIGHEST ANNUAL MEAN					94.4	1999
LOWEST ANNUAL MEAN					45.9	2000
HIGHEST DAILY MEAN	2060	Jul 12	1770	Apr 3	2060	Jul 12 1999
LOWEST DAILY MEAN	.00	Many days	.00	Many days	.00	Many days
ANNUAL SEVEN-DAY MINIMUM	.00	Several times	.00	Several times	.00	Several times
INSTANTANEOUS PEAK FLOW			3640	Apr 3	4260	Jul 12 1999
INSTANTANEOUS PEAK STAGE			11.79	Apr 3	12.48	Jul 12 1999
ANNUAL RUNOFF (CFSM)	1.81		.92		1.40	
ANNUAL RUNOFF (INCHES)	24.54		12.51		19.05	
10 PERCENT EXCEEDS	199		115		160	
50 PERCENT EXCEEDS	22		5.3		10	
90 PERCENT EXCEEDS	.20		.03		.00	

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
OCT											
07...	1730	19.0	26.0	743	3.04	.01	88	96	4.1	45	7.0
NOV											
15...	1700	12.5	17.0	751	3.54	1.0	105	106	9.5	90	7.3
DEC											
13...	1315	11.0	21.0	746	3.83	6.0	95	103	9.9	92	7.9
JAN											
11...	0800	8.5	6.5	754	4.81	91	97	97	10.1	87	6.9
FEB											
16...	1630	11.5	24.0	745	4.55	59	90	92	10.8	99	7.4
MAR											
19...	1715	11.0	14.0	734	5.40	194	85	84	9.8	92	7.0
APR											
18...	1530	16.0	19.0	741	4.71	78	76	78	9.9	103	7.9
MAY											
09...	1500	21.5	27.0	737	4.01	18	75	79	8.9	104	7.3
JUN											
13...	1415	25.0	32.0	753	3.50	2.0	85	88	8.2	101	7.4
JUL											
11...	1530	28.0	--	739	3.51	1.6	84	83	7.4	98	7.6
AUG											
15...	1630	26.0	34.0	754	3.15	.03	73	75	6.1	76	7.6
SEP											
12...	1530	23.1	25.8	749	3.14	.01	68	72	5.0	59	7.4

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)
OCT											
07...	7.3	40	30	4	K10	K9	--	--	--	--	--
NOV											
15...	7.3	33	27	1	--	42	--	.73	.64	--	--
DEC											
13...	7.5	27	22	2	--	--	--	1.2	.94	--	--
JAN											
11...	7.5	9	7	8	--	620	--	3.5	3.4	.36	.31
FEB											
16...	7.4	6	5	2	--	68	--	3.3	3.3	--	--
MAR											
19...	8.1	10	8	43	--	870	--	3.1	2.9	.43	.22
APR											
18...	7.2	10	8	2	--	K28	--	2.4	2.4	--	--
MAY											
09...	7.3	16	13	1	--	26	--	1.3	1.3	--	--
JUN											
13...	7.7	23	19	2	--	K12	--	.84	.83	.36	.35
JUL											
11...	7.1	22	18	1	--	K29	K6200	.80	.73	--	--
AUG											
15...	7.4	26	22	1	--	140	--	.55	.53	.43	.41
SEP											
12...	6.9	26	21	3	--	1200	--	.68	.54	.57	.43

TENNESSEE RIVER BASIN

03573182 SCARHAM CREEK NEAR MCVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
OCT										
07...	<.020	<.010	.30	.50	<.050	--	--	.045	.019	<.010
NOV										
15...	<.020	<.010	.31	.41	.328	--	--	.021	.012	<.010
DEC										
13...	<.020	<.010	.23	.49	.704	--	--	.157	.006	<.010
JAN										
11...	.024	<.010	.33	.38	3.09	.03	.037	.040	.024	.012
FEB										
16...	<.020	<.010	.18	.19	3.07	--	--	.013	.007	<.010
MAR										
19...	.048	<.010	.27	.48	2.67	.06	.031	.051	.022	.010
APR										
18...	<.020	<.010	.19	.25	2.17	--	--	.011	.007	<.010
MAY										
09...	<.020	<.010	.23	.29	1.06	--	--	<.008	.007	<.010
JUN										
13...	.025	<.010	.38	.38	.459	.03	.083	.047	.040	.027
JUL										
11...	<.020	<.010	.33	.40	.401	--	.077	.045	.041	.025
AUG										
15...	.020	<.010	.43	.45	.102	.03	.064	.040	.035	.021
SEP										
12...	.028	<.010	.46	.60	.083	.04	.061	.086	.044	.020

DATE	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
OCT										
07...	5.7	.5	30	--	8.06	2.50	4.0	.3	19	5.1
NOV										
15...	5.5	.2	29	2	7.76	2.44	3.9	.3	18	6.6
DEC										
13...	3.8	.3	27	5	7.40	2.04	4.6	.4	23	4.8
JAN										
11...	3.5	.5	26	19	7.08	2.04	3.0	.3	17	4.1
FEB										
16...	2.5	.2	26	20	7.05	1.95	3.0	.3	18	3.5
MAR										
19...	3.0	.7	22	15	6.10	1.72	2.6	.2	18	3.1
APR										
18...	2.4	<.2	21	13	5.88	1.64	2.6	.2	18	3.2
MAY										
09...	2.9	.2	22	9	5.98	1.76	2.7	.3	19	3.0
JUN										
13...	4.4	<.2	25	6	6.60	1.99	3.5	.3	20	4.6
JUL										
11...	4.3	<.2	23	5	6.24	1.90	3.3	.3	20	4.6
AUG										
15...	5.1	.3	21	--	5.07	1.97	3.8	.4	24	3.8
SEP										
12...	5.5	.4	20	--	4.88	1.86	3.4	.3	23	4.1

TENNESSEE RIVER BASIN

03573182 SCARHAM CREEK NEAR MCVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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										
07...	5.6	3.2	<.1	.8	30	42	55	49	.00	.07
NOV										
15...	7.5	7.3	<.1	2.1	60	23	62	55	.17	.08
DEC										
13...	8.4	8.1	<.1	1.0	30	8	58	53	.94	.08
JAN										
11...	6.5	8.8	<.1	3.8	30	11	66	53	16.2	.09
FEB										
16...	6.9	8.0	<.1	3.1	20	13	55	50	8.76	.07
MAR										
19...	5.7	7.0	<.1	3.1	40	25	49	46	25.7	.07
APR										
18...	5.3	7.6	<.1	2.9	40	11	51	44	10.7	.07
MAY										
09...	5.8	7.3	<.1	.4	30	9	46	40	2.24	.06
JUN										
13...	6.8	5.5	<.1	1.9	120	42	58	45	.31	.08
JUL										
11...	6.2	5.5	<.1	1.9	180	62	47	42	.20	.06
AUG										
15...	5.3	2.3	<.1	.6	180	38	44	36	.00	.06
SEP										
12...	4.3	2.3	<.1	.4	120	101	41	35	.00	.06

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
07...	1730	.01	9	.00	82
NOV					
15...	1700	1.0	1	.00	67
DEC					
13...	1315	6.0	3	.05	53
JAN					
11...	0800	91	27	6.6	25
FEB					
16...	1630	59	2	.32	64
MAR					
19...	1715	194	35	18	94
APR					
18...	1530	78	2	.42	79
MAY					
09...	1500	18	1	.05	75
JUN					
13...	1415	2.0	2	.01	90
JUL					
11...	1530	1.6	4	.02	60
AUG					
15...	1630	.03	3	.00	61
SEP					
12...	1530	.01	13	.00	58

TENNESSEE RIVER BASIN

03574500 PAINT ROCK RIVER NEAR WOODVILLE, AL

LOCATION.--Lat 34°37'27", long 86°18'23", in NW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	8.4	17	45	397	653	411	327	77	101	52	22
2	8.9	40	16	44	331	527	1760	301	66	79	36	18
3	9.1	283	17	44	288	441	7010	274	61	66	31	16
4	9.9	184	17	541	259	396	15400	251	53	57	28	14
5	9.7	82	17	1080	227	353	10300	228	58	52	26	13
6	11	51	18	489	197	316	4950	205	55	49	24	12
7	11	38	18	375	178	284	2350	180	53	54	31	12
8	10	31	18	315	166	260	1150	164	57	54	29	11
9	11	27	23	403	155	240	814	150	55	51	27	11
10	17	25	32	1630	146	230	679	140	49	49	24	11
11	17	22	141	825	141	774	592	129	45	43	23	10
12	19	21	159	435	138	1410	596	120	42	39	24	11
13	17	22	269	333	351	807	763	112	39	38	22	13
14	15	20	838	270	1400	586	2130	104	37	36	21	13
15	14	18	418	242	1740	488	1590	95	35	35	20	13
16	12	17	222	205	720	430	980	87	35	33	19	16
17	11	17	148	190	522	427	774	81	43	31	18	20
18	9.9	17	110	183	443	459	643	76	142	29	18	17
19	8.7	18	89	188	719	1480	549	72	394	27	17	14
20	8.0	17	75	200	603	7240	478	70	228	27	17	13
21	7.6	17	69	192	480	9150	432	67	145	30	16	15
22	7.4	17	65	212	410	3980	395	65	215	26	14	14
23	7.3	17	62	960	360	1730	353	72	706	26	14	13
24	7.3	17	62	962	326	859	351	72	292	25	14	26
25	7.2	17	62	651	300	675	499	85	174	25	14	30
26	7.1	18	60	454	271	588	539	113	144	25	14	180
27	7.1	18	58	349	1270	555	436	240	145	24	28	186
28	7.2	18	55	288	2300	679	429	246	133	23	27	93
29	7.1	18	53	286	968	570	419	149	111	22	20	55
30	7.2	17	49	578	---	494	368	123	124	45	29	39
31	7.2	---	47	517	---	451	---	95	---	197	27	---
TOTAL	318.0	1132.4	3304	13486	15806	37532	58140	4493	3813	1418	724	931
MEAN	10.3	37.7	107	435	545	1211	1938	145	127	45.7	23.4	31.0
MAX	19	283	838	1630	2300	9150	15400	327	706	197	52	186
MIN	7.1	8.4	16	44	138	230	351	65	35	22	14	10
CFSM	.03	.12	.33	1.36	1.70	3.78	6.06	.45	.40	.14	.07	.10
IN.	.04	.13	.38	1.57	1.84	4.36	6.76	.52	.44	.16	.08	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 2000, BY WATER YEAR (WY)

MEAN	185	443	957	1351	1492	1520	1044	565	247	206	104	138
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1936 - 2000	
ANNUAL TOTAL	201551.1		141097.4			
ANNUAL MEAN	552		386		683	
HIGHEST ANNUAL MEAN					1106	1949
LOWEST ANNUAL MEAN					278	1941
HIGHEST DAILY MEAN	9850	Jan 24	15400	Apr 4	50100	Dec 23 1990
LOWEST DAILY MEAN	7.1	Oct 26, 27, 29	7.1	Oct 26, 27, 29	1.4	Oct 19 1954
ANNUAL SEVEN-DAY MINIMUM	7.2	Oct 25	7.2	Oct 25	1.6	Oct 17 1954
INSTANTANEOUS PEAK FLOW			17500	Apr 4	74200	Mar 16 1973
INSTANTANEOUS PEAK STAGE			19.73	Apr 4	24.40	Mar 16 1973
ANNUAL RUNOFF (CFSM)	1.73		1.20		2.13	
ANNUAL RUNOFF (INCHES)	23.43		16.40		29.00	
10 PERCENT EXCEEDS	1440		687		1660	
50 PERCENT EXCEEDS	146		66		214	
90 PERCENT EXCEEDS	9.9		13		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 NW$^1/_4$ 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 mi^2.

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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	3.5	3.3	3.7	11	15	16	9.8	4.8	5.0	3.8	2.9
2	2.7	27	3.3	3.7	9.3	12	417	8.9	4.7	5.0	227	3.1
3	2.7	5.8	3.4	6.1	8.3	11	1570	8.8	4.5	4.9	28	3.2
4	2.7	4.2	3.3	145	7.8	14	394	8.9	4.7	4.8	8.3	3.1
5	2.6	3.7	3.9	17	7.0	11	107	7.7	5.3	4.8	6.1	3.1
6	2.7	3.6	4.3	10	6.6	9.3	65	7.1	5.1	71	5.0	3.3
7	2.7	3.5	3.8	8.3	6.3	8.2	48	6.6	4.7	23	4.4	3.2
8	2.7	3.4	3.6	6.8	6.1	7.4	53	6.2	4.6	6.5	4.0	3.3
9	3.4	3.3	3.6	136	5.9	6.8	40	5.9	4.5	5.3	3.7	3.5
10	4.1	3.3	10	41	5.7	7.4	33	6.0	4.4	4.8	3.7	3.6
11	3.3	3.3	5.5	17	5.7	77	29	5.7	4.3	4.5	3.6	3.6
12	3.1	3.3	4.8	12	23	40	32	5.6	4.2	4.4	3.5	11
13	3.0	3.3	22	11	97	19	149	5.3	4.2	4.7	3.4	5.0
14	3.0	4.6	15	9.0	221	14	99	4.9	4.2	6.0	3.4	4.2
15	3.1	3.3	7.5	8.0	49	11	55	4.9	4.2	4.4	3.3	4.2
16	3.1	3.1	5.7	7.5	29	12	40	4.9	4.9	4.0	3.1	4.2
17	3.1	3.1	5.1	7.5	21	17	34	4.9	7.3	3.9	2.8	4.1
18	3.1	3.2	4.7	8.2	23	12	28	5.0	10	3.9	2.7	4.0
19	3.1	3.3	4.7	8.0	19	932	25	4.9	6.0	3.8	2.6	4.0
20	3.1	5.8	4.5	7.5	15	391	21	5.0	5.7	4.1	2.7	4.2
21	3.1	4.4	4.6	6.6	13	92	22	5.3	8.3	4.7	2.7	6.0
22	3.1	3.7	4.4	9.3	11	57	19	5.1	21	4.1	2.7	4.1
23	3.1	3.5	4.2	23	10	42	16	14	7.7	3.9	2.6	4.0
24	3.1	4.1	4.1	15	9.0	34	36	7.5	6.0	3.9	2.6	4.3
25	3.1	4.2	3.9	11	8.1	29	33	6.0	5.5	3.8	2.7	5.8
26	3.1	4.3	3.9	9.6	7.4	25	19	7.6	9.0	3.8	2.7	4.3
27	3.1	3.9	3.9	8.3	79	28	15	6.6	5.6	3.7	11	3.8
28	3.1	3.6	3.9	7.7	34	26	17	6.5	5.4	3.7	5.5	3.7
29	3.1	3.5	3.8	13	19	21	14	5.7	5.6	3.7	3.2	3.6
30	3.1	3.4	3.7	16	---	21	11	5.4	5.3	3.7	3.0	3.5
31	3.2	---	3.7	13	---	18	---	5.1	---	3.7	2.9	---
TOTAL	94.2	136.2	166.1	605.8	767.2	2020.1	3457	201.8	181.7	221.5	366.7	123.9
MEAN	3.04	4.54	5.36	19.5	26.5	65.2	115	6.51	6.06	7.15	11.8	4.13
MAX	4.1	27	22	145	221	932	1570	14	21	71	227	11
MIN	2.6	3.1	3.3	3.7	5.7	6.8	11	4.9	4.2	3.7	2.6	2.9
CFSM	.09	.14	.16	.59	.80	1.97	3.49	.20	.18	.22	.36	.13
IN.	.11	.15	.19	.68	.86	2.28	3.90	.23	.20	.25	.41	.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	4.60	5.01	17.9	73.4	41.1	71.9	65.9	26.8	9.96	8.58	7.73	3.84
MAX	6.16	5.48	30.4	127	56.2	78.6	115	47.1	13.9	10.0	11.8	4.13
(WY)	1999	1999	1999	1999	1999	1999	2000	1999	1999	1999	2000	2000
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	11250.8		8342.2			
ANNUAL MEAN	30.8		22.8		28.0	
HIGHEST ANNUAL MEAN					33.3	1999
LOWEST ANNUAL MEAN					22.8	2000
HIGHEST DAILY MEAN	1040	Jan 23	1570	Apr 3	1570	Apr 3 2000
LOWEST DAILY MEAN	2.6	Oct 5	2.6	Oct 5	2.6	Oct 5 1999
ANNUAL SEVEN-DAY MINIMUM	2.7	Oct 1	2.7	Aug 18	2.7	Aug 18 2000
INSTANTANEOUS PEAK FLOW			3390	Apr 3	3390	Apr 3 2000
INSTANTANEOUS PEAK STAGE			8.94	Apr 3	8.94	Apr 3 2000
ANNUAL RUNOFF (CFSM)	.93		.69		.85	
ANNUAL RUNOFF (INCHES)	12.68		9.40		11.54	
10 PERCENT EXCEEDS	65		29		53	
50 PERCENT EXCEEDS	6.2		5.1		6.0	
90 PERCENT EXCEEDS	3.3		3.1		3.3	

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 1999 TO SEPTEMBER 2000

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)
OCT											
12...	1500	20.0	27.0	746	1.97	3.1	94	95	7.0	79	7.2
25...	1345	11.0	20.0	750	1.98	3.0	96	95	9.2	85	7.8
NOV											
02...	0645	15.0	13.0	740	2.93	30	83	87	6.8	69	7.6
16...	1315	12.0	20.0	756	1.97	3.0	98	100	9.6	90	7.3
DEC											
14...	1515	11.5	14.5	755	2.45	12	114	121	9.1	84	7.1
JAN											
10...	1115	11.5	14.0	752	3.10	38	111	111	9.5	88	7.3
FEB											
16...	1115	12.5	19.0	751	2.90	29	98	101	10.4	98	7.6
MAR											
11...	0730	14.5	16.0	740	3.66	84	91	90	7.8	79	7.5
20...	1545	12.0	13.5	745	4.50	190	101	106	9.5	90	7.5
APR											
02...	1245	15.0	18.5	756	5.87	563	86	88	8.9	89	7.4
03...	1500	16.0	15.0	--	8.83	3210	51	57	8.5	--	7.3
19...	1315	16.5	27.0	744	2.72	24	125	126	10.6	111	7.8
MAY											
15...	1045	17.0	25.0	761	2.12	4.9	105	111	7.6	79	7.1
23...	1000	19.0	27.0	738	2.13	5.1	80	79	7.8	87	7.3
JUN											
15...	0930	23.0	27.0	754	2.06	4.2	104	98	6.4	75	7.6
22...	1330	23.0	30.0	745	2.75	22	78	82	6.1	73	7.5
JUL											
13...	0915	24.0	27.5	745	2.08	4.2	110	110	6.0	73	7.6
AUG											
17...	0830	22.8	26.0	744	2.05	2.9	111	111	5.9	70	7.4
SEP											
12...	1315	21.8	27.0	743	3.01	35	78	82	7.3	85	7.2

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTERO-COCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	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)
OCT											
12...	7.6	44	36	2	130	130	--	.77	.73	--	--
25...	7.5	42	34	1	--	77	--	--	--	--	--
NOV											
02...	7.0	27	22	33	--	22000	--	1.6	1.3	--	--
16...	7.2	46	37	2	--	130	--	.62	--	--	--
DEC											
14...	7.5	46	38	8	--	--	--	1.6	1.5	--	--
JAN											
10...	7.6	37	30	22	--	1100	--	2.2	2.0	--	--
FEB											
16...	7.5	28	23	11	--	640	--	2.3	2.3	.19	.19
MAR											
11...	7.3	30	25	84	--	K100000	--	2.3	1.8	1.1	.59
20...	6.7	41	34	23	--	2800	--	2.3	2.5	.53	.74
APR											
02...	6.2	41	33	78	--	16000	--	1.4	1.3	.75	.67
03...	6.2	22	18	760	--	27000	--	2.2	1.1	1.6	.55
19...	7.2	52	43	2	--	140	--	1.7	1.6	--	--
MAY											
15...	6.8	48	39	2	--	500	--	1.4	1.3	.21	.13
23...	6.5	22	18	78	--	40000	--	2.3	2.1	.80	.63
JUN											
15...	7.6	49	40	2	--	380	--	1.1	1.0	.18	.11
22...	6.9	29	23	500	--	K19000	--	2.8	2.0	1.2	.29
JUL											
13...	7.1	44	36	3	--	220	1580	1.3	1.2	--	--
AUG											
17...	7.3	48	39	1	--	K330	--	1.1	1.0	--	--
SEP											
12...	7.2	26	21	75	--	K33000	--	2.3	1.6	1.1	.42

DATE	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)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)
OCT											
12...	<.020	<.010	--	.13	.18	.594	--	--	--	.037	.024
25...	<.020	<.010	--	E.10	E.10	.637	--	--	--	--	.013
NOV											
02...	<.020	.011	.955	.32	.68	.966	--	4.23	.036	.346	.235
16...	<.020	<.010	--	E.10	.13	.483	--	--	--	--	.022
DEC											
14...	<.020	<.010	--	.29	.36	1.25	--	--	--	.089	.061
JAN											
10...	<.020	<.010	--	.31	.45	1.71	--	--	--	.147	.107
FEB											
16...	.020	<.010	--	.21	.21	2.07	.03	--	--	.095	.030
MAR											
11...	.232	.036	.923	.83	1.3	.959	.30	4.09	.118	.506	.310
20...	.041	<.010	--	.79	.57	1.72	.05	--	--	.230	.142
APR											
02...	.140	.010	.514	.81	.89	.524	.18	2.28	.033	.592	.294
03...	.230	<.010	--	.78	1.8	.363	.30	--	--	1.04	.850
19...	<.020	<.010	--	.14	.17	1.51	--	--	--	.040	.017
MAY											
15...	.028	<.010	--	.16	.24	1.15	.04	--	--	.058	.022
23...	.202	.019	1.23	.83	1.0	1.25	.26	5.45	.062	.552	.348
JUN											
15...	.021	<.010	--	.13	.20	.915	.03	--	--	.083	.036
22...	.086	.021	1.58	.37	1.3	1.60	.11	6.98	.069	.408	.587
JUL											
13...	<.020	<.010	--	.19	.25	1.02	--	--	--	.089	.048
AUG											
17...	<.020	<.010	--	.12	.19	.885	--	--	--	.058	.036
SEP											
12...	.105	.013	1.04	.52	1.2	1.05	.14	4.59	.043	.491	.199

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	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											
12...	.021	.012	1.7	.2	42	6	12.2	2.76	1.2	.1	5
25...	.007	<.010	1.2	<.2	41	6	11.8	2.70	1.2	.1	6
NOV											
02...	.141	.113	6.9	1.0	37	15	11.5	2.12	1.3	.1	6
16...	<.050	<.010	1.6	<.2	43	6	12.6	2.90	1.3	.1	6
DEC											
14...	.042	.029	4.4	<.2	48	11	14.8	2.75	1.5	.1	6
JAN											
10...	.065	.048	4.6	.7	45	15	14.5	2.26	1.2	.1	5
FEB											
16...	.042	.031	3.3	.3	37	14	11.4	2.14	1.6	.1	8
MAR											
11...	.191	.165	6.0	3.0	30	6	9.19	1.83	2.0	.2	11
20...	.096	.075	6.2	.9	39	6	12.8	1.80	1.1	.1	5
APR											
02...	.234	.193	11	2.6	35	1	11.5	1.49	1.1	.1	6
03...	.380	.339	7.6	11	16	--	5.02	.96	.6	.1	6
19...	.015	.013	2.0	<.2	52	10	16.9	2.46	1.5	.1	6
MAY											
15...	.028	.019	1.5	<.2	46	7	13.8	2.88	1.3	.1	6
23...	.227	.180	7.8	1.4	26	9	7.73	1.70	1.2	.1	7
JUN											
15...	.033	.027	1.2	<.2	45	5	13.3	2.95	1.3	.1	6
22...	.156	.133	3.9	5.6	28	4	8.54	1.67	1.1	.1	7
JUL											
13...	.040	.029	1.3	.2	44	8	13.1	2.82	1.2	.1	5
AUG											
17...	.030	.019	1.2	.2	48	8	14.2	3.01	1.2	.1	5
SEP											
12...	.195	.160	5.0	1.7	29	7	8.53	1.79	1.0	.1	6

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											
12...	1.3	2.8	4.4	<.1	6.9	20	19	62	56	.52	.08
25...	.9	2.6	4.5	<.1	6.8	20	11	56	54	.46	.08
NOV											
02...	4.4	3.7	6.2	<.1	5.6	100	62	59	53	4.78	.08
16...	1.4	2.9	3.9	<.1	6.6	20	31	62	56	.50	.08
DEC											
14...	3.2	4.7	7.0	<.1	5.8	40	17	77	68	2.58	.10
JAN											
10...	3.0	4.3	5.9	<.1	5.3	40	24	73	63	7.49	.10
FEB											
16...	2.5	5.3	5.2	<.1	5.0	20	16	64	56	5.01	.09
MAR											
11...	3.7	4.7	4.6	<.1	3.0	70	28	58	49	13.2	.08
20...	2.7	3.5	4.1	<.1	4.3	60	20	72	58	36.9	.10
APR											
02...	3.8	2.8	2.9	<.1	3.5	150	28	73	50	111	.10
03...	4.5	1.6	1.8	<.1	2.1	140	41	54	31	468	.07
19...	1.7	4.8	3.7	<.1	3.8	20	10	74	67	4.88	.10
MAY											
15...	1.2	3.4	4.6	<.1	6.0	20	17	72	62	.95	.10
23...	4.6	4.0	3.2	<.1	5.0	80	32	60	44	.83	.08
JUN											
15...	1.1	3.0	4.1	<.1	6.6	20	26	66	61	.75	.09
22...	4.2	3.2	2.9	.1	4.6	40	25	59	48	3.50	.08
JUL											
13...	2.1	3.5	4.3	<.1	6.5	20	31	68	60	.77	.09
AUG											
17...	1.2	3.0	4.8	<.1	6.3	10	17	66	61	.52	.09
SEP											
12...	3.8	3.2	4.2	<.1	4.7	50	41	53	45	5.01	.07

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	LINDANE DIS-SOLVED (UG/L) (39341)
OCT											
12...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
25...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
NOV											
02...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
16...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
DEC											
14...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
JAN											
10...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
FEB											
16...	<.007	<.002	<.005	<.018	<.010	<.003	<.002	<.006	<.002	<.004	<.004
MAR											
11...	<.007	<.002	<.005	E.003	<.010	<.003	<.002	<.006	<.002	<.004	<.004
20...	<.007	<.002	<.005	E.003	<.010	<.003	<.002	<.006	<.002	<.004	<.004
APR											
02...	<.007	<.002	<.005	E.006	<.010	<.003	<.002	<.006	<.002	<.004	<.004
03...	<.007	<.002	.006	E.007	.010	<.003	<.002	<.006	<.002	<.004	E.004
19...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
MAY											
15...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
23...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	.015	<.004
JUN											
15...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
22...	<.007	<.002	<.005	E.004	.062	<.003	<.002	<.006	<.002	<.004	<.004
JUL											
13...	<.007	<.002	<.005	<.018	.075	<.003	<.002	<.006	<.002	<.004	<.004
AUG											
17...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
SEP											
12...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.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)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	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)
OCT											
12...	<.001	<.002	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
25...	<.001	<.002	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
NOV											
02...	<.001	<.002	.012	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
16...	<.001	<.002	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
DEC											
14...	<.001	.012	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
JAN											
10...	<.001	.010	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
FEB											
16...	<.001	1.51	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
MAR											
11...	<.001	.155	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
20...	<.001	.886	<.005	<.004	E.004	<.002	<.002	<.002	<.003	<.004	<.003
APR											
02...	<.001	2.32	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
03...	<.001	.203	.025	<.004	.016	<.002	<.002	<.002	E.013	.042	<.003
19...	<.001	.040	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
MAY											
15...	<.001	.012	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
23...	<.001	.022	.044	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
JUN											
15...	<.001	.007	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
22...	<.001	.035	.037	<.004	<.010	<.002	<.002	<.002	E.006	<.004	<.003
JUL											
13...	<.001	.022	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
AUG											
17...	<.001	.005	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
SEP											
12...	<.001	<.002	<.005	<.004	<.002	<.002	<.002	<.002	E.014	<.004	<.003

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	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)	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)	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)
OCT											
12...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
25...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
NOV											
02...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
16...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.020
DEC											
14...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
JAN											
10...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
FEB											
16...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
MAR											
11...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
20...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
APR											
02...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
03...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
19...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
MAY											
15...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
23...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
JUN											
15...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
22...	.004	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	E.014
JUL											
13...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
AUG											
17...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
SEP											
12...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003

DATE	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)	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...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
25...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NOV											
02...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
16...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
DEC											
14...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
JAN											
10...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
FEB											
16...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
MAR											
11...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
20...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
APR											
02...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
03...	<.013	<.003	<.017	<.001	<.004	<.002	.031	<.003	<.013	<.001	<.005
19...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
MAY											
15...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
23...	<.013	<.003	<.017	<.001	.009	<.002	<.004	<.003	<.013	<.001	<.005
JUN											
15...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
22...	<.013	<.003	<.017	<.001	<.004	<.002	.031	<.003	<.013	<.001	<.005
JUL											
13...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
AUG											
17...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
SEP											
12...	<.013	<.007	<.017	<.001	<.004	<.002	.005	<.003	<.013	<.001	<.005

TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
12...	1500	3.1	1	.01	83
25...	1345	3.0	2	.02	53
NOV					
02...	0645	30	39	3.2	77
16...	1315	3.0	4	.03	81
DEC					
14...	1515	12	4	.13	82
JAN					
10...	1115	38	13	1.3	91
FEB					
16...	1115	29	10	.78	85
MAR					
11...	0730	84	92	21	95
20...	1545	190	27	14	58
APR					
02...	1245	563	56	85	92
03...	1500	3210	674	5840	93
19...	1315	24	2	.13	69
MAY					
15...	1045	4.9	4	.05	45
23...	1000	5.1	84	1.2	85
JUN					
15...	0930	4.2	2	.02	86
22...	1330	22	217	13	99
JUL					
13...	0915	4.2	8	.09	86
AUG					
17...	0830	2.9	2	.02	63
SEP					
12...	1315	35	60	5.7	96

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 34°44'57", long 86°26'48", in SW$^1/_4$ 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 mi^2.

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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87	92	115	132	342	406	395	392	166	141	94	91
2	87	204	114	132	308	357	3100	366	162	134	93	89
3	87	344	114	133	280	330	8830	346	156	132	517	88
4	87	176	116	1050	263	331	16300	357	155	114	223	87
5	86	133	119	658	241	334	3610	339	162	111	142	86
6	86	116	127	355	222	302	1650	315	176	110	119	86
7	84	109	125	279	211	278	1130	300	165	231	108	86
8	83	107	125	231	205	259	1090	286	156	176	97	87
9	87	105	122	610	199	243	1010	271	151	124	91	88
10	100	104	135	1310	194	238	783	259	143	113	93	84
11	104	104	228	568	189	640	686	254	136	113	106	85
12	98	102	198	397	211	832	712	254	136	103	102	96
13	93	103	335	336	375	514	1410	236	132	163	95	163
14	92	102	663	305	3320	402	2870	222	127	126	95	134
15	90	102	415	266	1570	354	1370	214	120	106	91	104
16	89	103	281	242	741	336	968	203	133	96	84	91
17	89	100	218	233	557	371	814	199	158	95	86	88
18	90	102	193	230	521	380	742	197	307	94	84	86
19	91	102	179	234	528	2990	637	188	336	94	86	87
20	91	104	172	225	456	10600	569	191	216	98	87	85
21	91	116	167	212	385	3310	563	199	190	108	86	96
22	92	125	163	216	352	1390	521	199	193	103	87	120
23	91	120	160	429	328	975	464	231	224	99	79	108
24	90	116	156	523	310	783	546	294	173	96	76	123
25	91	120	150	389	301	666	1130	231	154	97	83	135
26	91	133	144	327	285	590	729	206	170	90	84	155
27	92	141	143	286	700	612	550	203	189	89	95	132
28	92	133	141	253	778	643	520	199	155	87	112	113
29	92	124	139	273	498	521	505	195	164	87	117	104
30	91	119	136	429	---	472	436	185	157	87	99	98
31	90	---	135	401	---	435	---	177	---	97	93	---
TOTAL	2804	3761	5728	11664	14870	30894	54640	7708	5162	3514	3504	3075
MEAN	90.5	125	185	376	513	997	1821	249	172	113	113	102
MAX	104	344	663	1310	3320	10600	16300	392	336	231	517	163
MIN	83	92	114	132	189	238	395	177	120	87	76	84
CFSM	.24	.33	.49	1.00	1.37	2.66	4.86	.66	.46	.30	.30	.27
IN.	.28	.37	.57	1.16	1.48	3.06	5.42	.76	.51	.35	.35	.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	102	125	410	1280	828	1161	1134	503	278	206	113	96.2
MAX	113	125	636	2184	1154	1326	1821	758	384	298	113	102
(WY)	1999	2000	1999	1999	1999	1999	2000	1999	1999	1999	2000	2000
MIN	90.5	125	185	376	513	997	447	249	172	113	112	89.9
(WY)	2000	1999	2000	2000	2000	2000	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	217233		147324			
ANNUAL MEAN	595		403		519	
HIGHEST ANNUAL MEAN					635	1999
LOWEST ANNUAL MEAN					403	2000
HIGHEST DAILY MEAN	12200	Jan 23	16300	Apr 4	16300	Apr 4 2000
LOWEST DAILY MEAN	78	Sep 26	76	Aug 24	76	Aug 24 2000
ANNUAL SEVEN-DAY MINIMUM	82	Sep 22	83	Aug 20	82	Sep 22 1999
INSTANTANEOUS PEAK FLOW			23900	Apr 4	26300	Jan 23 1999
INSTANTANEOUS PEAK STAGE			20.42	Apr 4	20.61	Jan 23 1999
ANNUAL RUNOFF (CFSM)	1.59		1.07		1.38	
ANNUAL RUNOFF (INCHES)	21.55		14.61		18.80	
10 PERCENT EXCEEDS	1270		648		1030	
50 PERCENT EXCEEDS	228		162		200	
90 PERCENT EXCEEDS	92		89		90	

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
OCT											
12...	1030	19.5	25.0	752	8.43	96	174	174	7.5	83	7.4
25...	1715	12.5	20.0	750	8.37	90	173	179	10.2	97	8.0
NOV											
16...	0900	12.0	15.0	760	8.45	106	173	176	9.3	87	7.8
DEC											
14...	1015	12.5	14.5	760	9.60	652	149	163	8.5	80	7.4
JAN											
04...	1345	13.5	7.0	760	11.00	1900	110	121	7.6	73	7.6
10...	1530	11.5	23.0	756	10.04	1000	107	104	9.3	86	7.6
FEB											
15...	1115	10.5	13.0	750	10.63	1540	94	99	9.8	89	7.4
MAR											
11...	1315	16.0	12.0	745	9.78	785	145	150	8.0	83	7.9
20...	0945	10.5	11.0	747	18.71	12400	80	82	9.5	87	7.3
APR											
02...	1645	16.0	22.0	759	14.52	5190	122	125	8.4	85	7.6
04...	0830	14.0	9.0	749	20.26	22000	67	70	7.8	76	7.3
20...	0845	17.0	22.0	745	9.49	577	145	148	7.1	75	7.7
MAY											
11...	0800	21.0	19.0	761	8.94	253	167	176	7.1	80	7.8
23...	1400	21.5	24.0	750	8.86	213	173	175	6.8	78	7.8
JUN											
14...	0900	23.5	26.0	760	8.48	123	176	183	6.5	76	7.9
JUL											
12...	1415	28.1	36.0	746	8.37	104	196	191	6.7	88	8.0
AUG											
16...	1430	25.9	36.0	749	8.18	84	188	188	7.4	93	7.9
SEP											
13...	1530	23.8	29.0	747	8.60	147	169	172	6.4	77	7.8

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)
OCT											
12...	7.9	88	72	6	48	46	--	1.9	1.8	.18	.10
25...	7.4	84	69	3	--	30	--	1.6	--	--	--
NOV											
16...	7.9	89	73	3	--	76	--	--	--	--	--
DEC											
14...	7.8	76	62	28	--	800	--	1.3	1.1	--	--
JAN											
04...	7.5	56	46	450	--	K12000	--	2.6	1.1	1.6	.15
10...	6.9	44	36	69	--	K2600	--	1.7	1.4	--	--
FEB											
15...	7.4	34	28	79	--	2800	--	2.1	1.7	.73	.30
MAR											
11...	7.5	70	57	32	--	K950	--	1.4	1.2	--	--
20...	7.2	34	28	140	--	K9600	--	1.8	1.2	.96	.37
APR											
02...	6.6	64	52	120	--	10000	--	1.5	1.1	.81	.42
04...	6.6	32	26	140	--	7700	--	1.1	.88	.60	.37
20...	7.2	67	55	5	--	53	--	1.6	1.6	--	--
MAY											
11...	7.6	80	65	2	--	34	--	2.0	2.0	.21	.16
23...	7.4	81	67	38	--	--	--	2.3	2.1	.29	.15
JUN											
14...	7.6	88	72	4	--	27	--	2.0	2.0	--	--
JUL											
12...	7.9	85	69	8	--	K55	120	1.9	1.8	--	--
AUG											
16...	7.7	81	67	6	--	400	--	2.3	2.3	--	--
SEP											
13...	7.4	76	62	11	--	230	--	2.3	2.2	--	--

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
OCT											
12...	.030	<.010	--	.13	.21	1.68	.04	--	--	.463	.188
25...	<.020	<.010	--	E.10	.14	1.50	--	--	--	.236	.105
NOV											
16...	<.020	<.010	--	E.10	E.10	1.08	--	--	--	.074	.035
DEC											
14...	<.020	<.010	--	.17	.43	.907	--	--	--	.049	.073
JAN											
04...	.025	<.010	--	.17	1.6	.961	.03	--	--	.123	.562
10...	<.020	<.010	--	.34	.60	1.06	--	--	--	.086	.109
FEB											
15...	.034	<.010	--	.34	.76	1.32	.04	--	--	.098	.095
MAR											
11...	<.020	<.010	--	.13	.34	1.03	--	--	--	.034	.043
20...	.058	<.010	--	.43	1.0	.763	.07	--	--	.215	.277
APR											
02...	.065	<.010	--	.48	.88	.655	.08	--	--	.169	.204
04...	.029	<.010	--	.39	.63	.491	.04	--	--	.166	.193
20...	<.020	<.010	--	.11	.15	1.46	--	--	--	.034	.020
MAY											
11...	.021	.026	1.79	.18	.23	1.81	.03	7.91	.085	.086	<.008
23...	.055	.020	1.91	.21	.35	1.93	.07	8.44	.066	.141	.085
JUN											
14...	<.020	<.010	--	.11	.17	1.85	--	--	--	.297	.122
JUL											
12...	<.020	<.010	--	.15	.24	1.64	--	--	--	.368	.159
AUG											
16...	<.020	<.010	--	.15	.17	2.14	--	--	--	.748	.287
SEP											
13...	<.020	.010	1.99	.17	.28	2.00	--	8.79	.033	.632	.262

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
OCT											
12...	.181	.151	1.4	.2	78	5	23.3	4.67	2.4	.1	6
25...	.099	.077	1.1	<.2	78	9	23.2	4.74	2.6	.1	7
NOV											
16...	.029	.024	1.1	.2	80	7	24.2	4.75	2.4	.1	6
DEC											
14...	.025	.016	3.2	.6	73	11	23.9	3.32	1.4	.1	4
JAN											
04...	.051	.040	2.5	6.7	52	6	16.0	2.82	1.1	.1	4
10...	.041	.028	5.6	--	46	10	15.0	2.10	1.2	.1	5
FEB											
15...	.037	.032	5.9	1.3	40	12	12.7	1.91	1.2	.1	6
MAR											
11...	.012	.011	1.9	1.4	67	10	21.4	3.29	1.7	.1	5
20...	.090	.070	6.7	1.5	32	4	10.4	1.43	.7	.1	4
APR											
02...	.077	.055	6.9	3.7	56	4	19.0	2.10	.9	.1	3
04...	.071	.054	6.9	3.1	29	2	9.34	1.26	.6	.0	4
20...	.014	.011	1.8	<.2	64	9	20.6	2.94	1.6	.1	5
MAY											
11...	.040	.028	1.5	<.2	75	10	23.9	3.80	1.7	.1	5
23...	.047	.046	1.9	.4	78	12	24.6	4.11	1.9	.1	5
JUN											
14...	.113	.097	1.2	.2	79	7	24.3	4.56	2.4	.1	6
JUL											
12...	.144	.120	1.6	.3	78	8	24.1	4.37	3.9	.2	9
AUG											
16...	.282	.244	1.4	.2	80	13	24.0	4.80	2.8	.1	7
SEP											
13...	.237	.206	2.0	.5	74	11	22.4	4.28	2.0	.1	5

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
OCT											
12...	2.4	5.2	4.0	<.1	6.4	E10	16	102	100	26.4	.14
25...	1.5	4.6	3.5	<.1	6.7	E10	9	94	95	22.8	.13
NOV											
16...	1.1	4.1	4.1	<.1	5.8	10	14	96	95	27.5	.13
DEC											
14...	1.5	3.4	7.5	<.1	5.2	30	7	92	88	162	.13
JAN											
04...	1.8	3.1	4.4	<.1	4.1	20	E1	69	65	354	.09
10...	2.1	2.8	5.2	<.1	4.6	50	12	78	60	211	.11
FEB											
15...	2.2	3.2	5.0	<.1	4.4	50	13	69	53	287	.09
MAR											
11...	1.0	3.4	4.6	<.1	3.2	30	24	86	78	182	.12
20...	2.2	1.9	3.3	<.1	3.0	80	35	51	43	1710	.07
APR											
02...	2.3	2.6	3.4	<.1	3.3	40	9	94	68	1320	.13
04...	2.6	1.6	2.5	<.1	3.2	90	16	57	39	3390	.08
20...	1.1	3.9	3.7	<.1	3.9	30	14	86	77	134	.12
MAY											
11...	1.4	4.1	3.7	<.1	3.8	20	13	101	90	69.0	.14
23...	1.9	4.6	3.4	<.1	5.8	E10	25	105	95	60.4	.14
JUN											
14...	1.8	5.4	3.3	<.1	6.7	<10	11	105	100	34.9	.14
JUL											
12...	2.4	6.0	5.8	<.1	6.7	<10	25	107	103	30.0	.15
AUG											
16...	3.0	6.4	3.7	<.1	6.2	E10	19	108	101	24.5	.15
SEP											
13...	3.4	5.8	3.3	<.1	6.5	E10	17	97	95	38.5	.13

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	LINDANE DIS-SOLVED (UG/L) (39341)
OCT											
12...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
25...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
NOV											
16...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
DEC											
14...	<.007	<.002	.029	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
JAN											
04...	<.007	<.002	.019	<.018	<.004	<.003	<.002	<.006	<.002	.005	<.004
10...	<.007	<.002	.135	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
FEB											
15...	<.007	<.002	.049	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
MAR											
11...	<.007	<.002	.022	E.003	<.004	<.003	<.002	<.006	<.002	<.004	<.004
20...	<.007	<.002	.063	E.004	<.004	<.003	<.002	<.006	<.002	<.004	<.004
APR											
02...	<.007	<.002	.037	E.007	<.010	<.003	<.002	<.006	<.002	<.004	<.004
04...	<.007	<.002	.080	E.006	<.010	<.003	<.002	<.006	<.002	<.004	<.004
20...	<.007	<.002	.015	E.005	<.004	<.003	<.002	<.006	<.002	<.004	<.004
MAY											
11...	<.007	<.002	<.010	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
23...	<.007	<.002	.013	E.005	<.004	<.003	<.002	<.006	<.002	.015	<.004
JUN											
14...	<.007	<.002	<.010	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.004
JUL											
12...	<.007	<.002	<.005	E.004	.115	<.003	<.002	<.006	<.002	<.004	<.004
AUG											
16...	<.007	<.002	<.005	<.018	.040	<.003	<.002	<.006	<.002	<.004	<.004
SEP											
13...	<.007	<.002	.037	<.018	.012	<.003	<.002	<.006	<.002	<.004	<.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)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	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)
OCT											
12...	<.001	.005	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
25...	<.001	.004	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
NOV											
16...	<.001	.007	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
DEC											
14...	<.001	.006	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
JAN											
04...	<.001	.007	.006	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
10...	<.001	.014	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
FEB											
15...	<.001	.245	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
MAR											
11...	<.001	.011	<.005	<.004	.021	<.002	<.002	<.002	<.003	<.004	<.003
20...	<.001	.302	<.005	<.004	.009	<.002	<.002	<.002	<.003	<.004	<.003
APR											
02...	<.001	1.92	<.005	<.004	.021	<.002	<.002	<.002	E.014	<.004	<.003
04...	<.001	.365	<.005	<.004	.022	<.002	.094	<.002	E.018	<.004	<.003
20...	<.001	.051	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
MAY											
11...	<.001	.022	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
23...	<.001	.016	.021	<.004	.028	<.002	<.002	<.002	<.003	<.004	<.003
JUN											
14...	<.001	.007	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
JUL											
12...	<.001	.011	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
AUG											
16...	<.001	.006	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003
SEP											
13...	<.005	.008	<.005	<.004	E.004	<.002	<.002	<.002	E.005	<.004	<.003

TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	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)	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)	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)
OCT											
12...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
25...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
NOV											
16...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.020
DEC											
14...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
JAN											
04...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
10...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
FEB											
15...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
MAR											
11...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
20...	<.002	<.004	<.002	<.010	<.006	<.002	<.004	<.004	<.003	<.002	E.014
APR											
02...	E.004	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
04...	.004	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	E.20
20...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	E.008
MAY											
11...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
23...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
JUN											
14...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
JUL											
12...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
AUG											
16...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
SEP											
13...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003

DATE	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)	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...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
25...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NOV											
16...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
DEC											
14...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
JAN											
04...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
10...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
FEB											
15...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
MAR											
11...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
20...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
APR											
02...	<.013	<.003	<.017	<.001	<.004	<.002	.018	<.003	<.013	<.001	<.005
04...	<.013	<.003	<.017	<.001	<.004	<.002	.023	<.003	<.013	<.001	<.005
20...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
MAY											
11...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
23...	<.013	<.003	<.017	<.001	<.004	<.002	.074	<.003	<.013	<.001	<.005
JUN											
14...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
JUL											
12...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.020	<.005
AUG											
16...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.040	<.001	<.005
SEP											
13...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005

03575100 FLINT RIVER AT BROWNSBORO, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
12...	1030	96	7	1.8	95
25...	1715	90	4	.97	76
NOV					
16...	0900	106	3	.86	48
DEC					
14...	1015	652	39	69	93
JAN					
04...	1345	1900	486	2490	93
10...	1530	1000	66	178	78
FEB					
15...	1115	1540	86	358	95
MAR					
11...	1315	785	85	180	91
20...	0945	12400	138	4620	87
APR					
02...	1645	5190	155	2170	93
04...	0830	22000	102	6060	90
20...	0845	577	8	12	92
MAY					
11...	0800	253	4	2.7	95
23...	1400	213	37	21	90
JUN					
14...	0900	123	5	1.7	92
JUL					
12...	1415	104	13	3.7	88
AUG					
16...	1430	84	8	1.8	90
SEP					
13...	1530	147	16	6.4	95

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 mi^2.

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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28800	20400	37500	6040	18800	30000	6500	19000	25300	8390	24100	27200
2	8290	25000	30700	7220	19400	28700	23300	23200	21600	11700	36500	22900
3	8490	31800	28200	13700	20200	24700	71000	24500	7820	11400	30600	17800
4	13400	32000	6870	11400	22000	14000	151000	17900	4750	21400	19200	10300
5	22000	29200	15700	10500	8950	11200	189000	25800	13000	18400	29000	10500
6	12200	13100	20000	17000	8040	9250	162000	7210	5370	25100	20000	20700
7	21600	15400	26500	22400	13200	23400	95000	4960	26000	7400	29500	4710
8	22400	25600	34700	5910	13000	14300	76400	22500	19700	10200	34500	4460
9	12200	25000	11400	7830	9510	13700	70500	21300	17400	9280	39400	9020
10	14200	24500	25500	18600	9800	11900	63900	14900	5240	19600	35500	14700
11	28900	18400	8440	29700	10200	15100	47100	15200	4740	25800	34300	22000
12	32400	16800	2250	33400	8380	18700	36100	23600	22800	32000	28400	37500
13	29300	13300	16800	31000	9710	31200	34200	12700	23800	20900	17100	26100
14	19500	12200	27800	31100	28500	34600	35200	7620	22800	14100	29900	26400
15	15000	26500	26400	28100	38100	33900	35600	5470	20500	17100	39600	22300
16	9590	33900	29700	24600	36700	34100	34800	4100	23400	11900	41600	9510
17	12900	33500	24200	22200	41400	35200	37200	3350	5860	17300	32100	9680
18	18900	14800	13300	28600	47200	26200	34800	6800	6900	22300	34300	21300
19	17900	13400	8080	30300	48200	20200	32900	7440	9590	22700	22300	18200
20	19400	11300	17400	27800	32000	41000	33200	8120	15700	26000	8290	22600
21	26600	7430	25800	34300	35900	55100	17600	7920	23400	9890	15300	22600
22	22500	28900	32300	15300	26100	65600	13400	6960	13500	16600	30100	10600
23	11500	25500	7910	10100	23700	54600	14300	9630	12400	11100	31800	19900
24	9840	23900	21700	31100	21600	38900	33300	15800	9430	12600	36000	9950
25	22900	8420	7260	37500	23500	33400	38000	24300	11100	15900	29600	28200
26	23700	13300	5060	39800	14300	27700	34100	19000	19800	23800	25400	22100
27	24500	10300	16600	42400	10200	28600	33300	7440	17600	25900	6370	9110
28	23200	14800	11400	29300	25700	32300	33000	8690	23000	23800	25400	11400
29	24400	32500	12800	11300	29900	24100	15300	12200	13500	19100	27500	21400
30	8530	36700	14200	8620	---	15600	11200	5550	8580	15200	28900	28600
31	9100	---	4410	18900	---	14900	---	22900	---	22500	28600	---
TOTAL	574140	637850	570880	686020	654190	862150	1513200	416060	454580	549360	871160	541740
MEAN	18520	21260	18420	22130	22560	27810	50440	13420	15150	17720	28100	18060
MAX	32400	36700	37500	42400	48200	65600	189000	25800	26000	32000	41600	37500
MIN	8290	7430	2250	5910	8040	9250	6500	3350	4740	7400	6370	4460
CFSM	.72	.83	.72	.86	.88	1.09	1.97	.52	.59	.69	1.10	.71
IN.	.83	.93	.83	1.00	.95	1.25	2.20	.60	.66	.80	1.27	.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2000, BY WATER YEAR (WY)

MEAN	30200	37210	52620	63680	69220	64710	41930	34680	31720	31600	31990	29390
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 WATER YEAR		WATER YEARS 1937 - 2000	
ANNUAL TOTAL	8331330			
ANNUAL MEAN	22760		43190	
HIGHEST ANNUAL MEAN			66170	1973
LOWEST ANNUAL MEAN			9700	1988
HIGHEST DAILY MEAN	189000	Apr 5	321000	Mar 19 1973
LOWEST DAILY MEAN	2250	Dec 12	400	Jul 24 1966
ANNUAL SEVEN-DAY MINIMUM	6130	May 14	2210	Jan 17 1939
INSTANTANEOUS PEAK FLOW	193000	Apr 5	323000	Mar 19 1973
INSTANTANEOUS PEAK STAGE	18.17	Apr 5	26.06	Mar 19 1973
ANNUAL RUNOFF (CFSM)	.89		1.69	
ANNUAL RUNOFF (INCHES)	12.10		22.91	
10 PERCENT EXCEEDS	35300		76700	
50 PERCENT EXCEEDS	21400		34900	
90 PERCENT EXCEEDS	8070		16600	

TENNESSEE RIVER BASIN
TENNESSEE RIVER MAIN STEM

03575500 TENNESSEE RIVER AT WHITESBURG, 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	4.81	3.90	4.21	1.89	3.09	4.48	5.06	7.11	7.36	7.05	6.81	6.23
2	4.15	4.66	3.71	2.08	3.07	4.18	6.19	7.07	7.00	7.07	7.56	6.22
3	4.02	4.48	3.83	2.26	3.14	3.74	8.96	7.12	6.69	6.94	7.47	5.91
4	4.01	3.90	3.48	2.96	3.22	2.92	15.08	7.00	6.11	7.14	7.07	5.47
5	4.13	3.90	3.94	3.02	2.41	2.32	17.92	7.12	6.35	7.37	7.16	5.59
6	3.77	3.33	4.44	3.20	2.40	2.04	16.03	6.45	6.33	7.44	6.96	5.85
7	4.26	3.31	4.11	3.52	2.63	2.69	10.82	6.51	6.97	6.98	7.16	5.34
8	4.20	3.94	3.95	2.86	2.57	2.40	10.00	6.99	6.85	6.95	7.31	5.34
9	3.87	3.66	2.60	2.97	2.49	2.38	9.57	6.67	7.14	6.91	7.35	5.54
10	3.93	3.71	2.84	3.93	2.36	2.25	9.03	6.51	6.74	6.87	7.26	5.69
11	4.65	3.36	3.99	4.61	2.44	2.82	8.05	6.56	6.13	6.99	7.33	5.84
12	4.86	3.14	3.40	4.84	2.45	3.33	7.03	6.60	6.55	6.91	7.30	6.40
13	4.63	3.05	3.66	4.68	2.61	4.12	6.79	6.00	6.76	6.93	7.14	5.90
14	4.09	3.02	3.96	4.43	4.04	4.37	7.22	5.94	6.86	6.88	7.51	5.58
15	3.71	3.54	3.79	4.03	4.95	4.41	7.60	5.92	6.88	6.77	7.45	4.94
16	3.42	3.95	3.91	3.92	5.06	4.43	7.93	5.96	7.40	6.86	7.38	4.48
17	3.71	4.00	3.21	4.26	5.20	4.35	7.80	5.97	6.99	7.08	6.96	4.61
18	---	2.88	2.63	4.67	5.50	3.86	7.47	6.05	6.88	7.26	7.36	5.25
19	---	2.44	2.44	4.54	5.93	4.05	7.36	6.15	6.88	7.28	7.11	4.95
20	---	2.49	2.88	4.30	5.45	6.65	7.40	6.24	6.93	7.55	6.25	5.06
21	4.34	2.41	3.38	3.83	5.64	8.40	6.94	6.32	7.41	7.05	6.36	5.11
22	4.19	3.45	3.52	2.44	4.80	9.15	6.84	6.31	7.19	7.10	6.47	4.52
23	3.60	3.19	3.47	2.34	4.71	8.32	7.07	6.43	7.11	7.06	6.45	5.02
24	3.39	3.17	3.20	3.67	4.69	7.34	7.55	6.62	7.03	6.85	6.39	4.90
25	3.96	2.53	2.39	4.10	4.40	7.30	7.32	6.87	7.08	6.62	6.19	5.69
26	3.93	2.87	2.22	4.28	3.71	7.04	6.96	7.24	7.23	7.17	5.96	5.56
27	3.95	2.87	2.51	4.21	3.59	6.84	6.97	6.97	6.99	7.53	5.39	5.16
28	3.96	3.12	2.37	3.23	4.30	6.61	7.01	6.60	7.39	7.43	6.18	5.23
29	3.93	4.11	2.20	2.25	4.51	5.58	6.73	6.75	7.41	7.08	6.21	5.69
30	3.29	4.18	2.30	2.44	---	4.84	6.86	6.61	7.17	6.97	6.10	6.51
31	3.33	---	2.06	2.98	---	5.15	---	7.29	---	7.14	6.15	---
MEAN	---	3.42	3.25	3.51	3.84	4.79	8.45	6.58	6.93	7.07	6.83	5.45
MAX	---	4.66	4.44	4.84	5.93	9.15	17.92	7.29	7.41	7.55	7.56	6.51
MIN	---	2.41	2.06	1.89	2.36	2.04	5.06	5.92	6.11	6.62	5.39	4.48

TENNESSEE RIVER BASIN

03575830 INDIAN CREEK NEAR MADISON, AL

LOCATION.--Lat 34°41'50", long 86°42'00", in NE$^1/_4$ 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 mi^2.
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: Aug. 1, 2, 22-24. 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 ft^3/s.

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	2.0	27	6.9	6.8	31	34	57	51	8.3	8.4	e3.4	1.3
2	1.9	74	6.7	6.5	28	34	747	49	8.1	8.3	e3.1	1.5
3	1.4	6.8	6.7	8.6	25	32	2380	82	7.8	7.9	3.5	1.9
4	1.2	4.7	6.9	104	23	32	1360	76	7.6	7.3	3.2	1.9
5	1.1	3.9	12	27	22	30	354	50	9.6	6.5	2.9	1.6
6	1.2	3.7	16	17	22	26	239	45	8.9	6.7	2.6	1.2
7	1.3	4.5	16	13	20	21	189	42	8.9	6.6	2.6	1.8
8	1.3	4.4	15	11	17	19	237	39	8.7	6.2	2.5	2.7
9	2.8	3.9	11	79	15	17	168	38	8.5	6.1	2.1	2.9
10	4.2	3.0	18	49	16	24	138	37	7.9	5.9	1.9	2.3
11	2.9	2.7	5.8	31	16	65	124	34	7.6	5.7	2.3	1.6
12	2.3	2.7	8.4	22	20	48	146	33	7.3	5.5	2.4	1.4
13	2.0	2.8	76	30	29	38	376	30	7.2	5.5	1.9	1.7
14	1.6	3.3	46	17	225	34	286	28	7.1	5.7	1.8	2.3
15	1.6	2.8	22	14	61	30	176	25	7.2	5.5	1.9	1.9
16	1.8	2.7	14	14	44	34	145	23	7.6	5.4	1.8	1.2
17	3.3	2.4	11	14	40	36	127	19	9.8	5.2	1.7	1.4
18	4.6	2.3	10	14	46	33	109	16	16	5.2	1.5	1.3
19	4.6	2.4	10	12	42	995	102	15	13	5.1	1.4	1.3
20	3.7	4.6	9.6	12	36	937	89	17	8.5	9.2	1.5	1.2
21	3.3	4.1	9.4	9.7	33	194	90	16	8.4	4.3	1.5	2.1
22	3.2	3.1	8.4	33	31	130	80	14	11	4.0	e1.6	3.3
23	3.8	3.2	7.5	71	30	107	74	13	7.3	4.1	e1.7	4.2
24	5.9	4.0	7.7	45	28	93	87	12	6.7	4.1	e1.8	5.3
25	6.7	5.7	8.1	37	26	85	95	11	6.7	3.9	1.9	6.8
26	6.4	9.5	7.9	33	24	76	72	11	6.8	3.9	1.9	2.4
27	5.9	8.8	7.8	29	69	109	66	10	9.4	3.8	1.8	1.6
28	3.9	8.5	7.1	26	47	89	65	11	34	3.8	2.1	1.5
29	3.2	8.4	6.2	42	37	73	59	9.8	29	3.8	2.8	1.2
30	3.0	7.9	5.9	41	---	68	55	9.2	9.1	3.7	2.4	1.1
31	4.5	---	6.1	35	---	61	---	8.6	---	3.7	1.8	---
TOTAL	96.6	227.8	410.1	903.6	1103	3604	8292	874.6	304.0	171.0	67.3	63.9
MEAN	3.12	7.59	13.2	29.1	38.0	116	276	28.2	10.1	5.52	2.17	2.13
MAX	6.7	74	76	104	225	995	2380	82	34	9.2	3.5	6.8
MIN	1.1	2.3	5.8	6.5	15	17	55	8.6	6.7	3.7	1.4	1.1
CFSM	.06	.15	.27	.59	.78	2.37	5.64	.58	.21	.11	.04	.04
IN.	.07	.17	.31	.69	.84	2.74	6.30	.66	.23	.13	.05	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2000, BY WATER YEAR (WY)

MEAN	29.3	38.3	80.3	118	133	173	120	70.7	36.3	20.6	15.5	11.1
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	3.12	4.77	6.06	7.53	24.0	20.2	12.6	8.01	1.27	5.52	2.17	2.13
(WY)	2000	1991	1966	1981	1981	1988	1966	1988	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1960 - 2000	
ANNUAL TOTAL	24646.1		16117.9			
ANNUAL MEAN	67.5		44.0		70.2	
HIGHEST ANNUAL MEAN					136	1991
LOWEST ANNUAL MEAN					17.7	1981
HIGHEST DAILY MEAN	1980	Jan 23	2380	Apr 3	5750	Dec 22 1990
LOWEST DAILY MEAN	1.1	Oct 5	1.1	Oct 5, Sep 30	.88	Jun 21 1988
ANNUAL SEVEN-DAY MINIMUM	1.3	Oct 2	1.3	Oct 2	.92	Jun 15 1988
INSTANTANEOUS PEAK FLOW			5890	Apr 3	11600	Dec 22 1990
INSTANTANEOUS PEAK STAGE			9.93	Apr 3	11.76	Dec 22 1990
ANNUAL RUNOFF (CFSM)	1.38		.90		1.43	
ANNUAL RUNOFF (INCHES)	18.71		12.24		19.48	
10 PERCENT EXCEEDS	138		77		143	
50 PERCENT EXCEEDS	26		8.5		24	
90 PERCENT EXCEEDS	2.7		1.8		5.0	

e Estimated

TENNESSEE RIVER BASIN

03576250 LIMESTONE CREEK NEAR ATHENS, AL

LOCATION.--Lat 34°45'06", long 86°49'24", in SW$^1/_4$ 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 mi^2.
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 ft^3/s.
REMARKS.--Estimated daily discharges: Oct. 7 to Dec. 19. Records good except for period of no gage height, 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	e14	e16	33	154	136	135	132	29	28	16	13
2	13	e30	e15	32	135	121	1170	115	28	26	16	12
3	13	e100	e15	36	122	111	4180	103	29	23	116	12
4	13	e70	e16	501	113	111	3470	96	29	20	51	12
5	13	e45	e17	252	103	105	849	90	32	19	27	12
6	12	e35	e17	143	94	96	530	85	31	19	21	13
7	e12	e25	e18	105	89	90	414	80	30	22	18	13
8	e12	e22	e18	88	85	85	481	76	29	21	17	13
9	e14	e20	e20	442	81	81	383	72	26	21	16	12
10	e20	e19	e30	476	79	83	312	70	25	19	14	13
11	e19	e18	e100	255	75	198	272	67	25	17	16	13
12	e22	e17	e150	176	95	229	290	65	24	17	17	13
13	e20	e16	e250	151	240	163	601	62	21	19	16	12
14	e18	e15	e450	126	745	133	794	57	24	18	15	14
15	e16	e15	e250	107	342	117	462	54	21	17	14	17
16	e15	e14	e120	100	249	115	348	52	25	17	13	14
17	e14	e14	e80	96	209	135	301	49	42	18	12	12
18	e13	e14	e60	95	219	131	278	45	105	16	14	12
19	e13	e15	e55	93	212	1040	234	45	77	17	14	11
20	e12	e15	53	87	185	2520	205	45	53	15	13	11
21	e12	e14	52	78	164	687	200	46	42	19	13	14
22	e12	e15	49	107	150	385	183	45	38	19	13	13
23	e11	e15	46	230	138	289	159	44	38	19	13	14
24	e11	e16	44	215	127	237	295	40	34	19	13	21
25	e11	e16	41	170	118	205	480	39	31	18	13	30
26	e11	e17	39	141	111	205	275	39	29	16	13	22
27	e10	e17	39	122	182	231	217	38	31	16	13	21
28	e11	e16	37	109	189	240	211	39	55	15	14	18
29	e11	e16	35	139	154	183	179	39	45	15	15	16
30	e12	e15	34	218	---	163	150	33	31	15	14	15
31	e12	---	34	186	---	148	---	31	---	15	14	---
TOTAL	420	690	2200	5109	4959	8773	18058	1893	1079	575	604	438
MEAN	13.5	23.0	71.0	165	171	283	602	61.1	36.0	18.5	19.5	14.6
MAX	22	100	450	501	745	2520	4180	132	105	28	116	30
MIN	10	14	15	32	75	81	135	31	21	15	12	11
CFSM	.11	.19	.60	1.38	1.44	2.38	5.06	.51	.30	.16	.16	.12
IN.	.13	.22	.69	1.60	1.55	2.74	5.65	.59	.34	.18	.19	.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2000, BY WATER YEAR (WY)

MEAN	42.9	110	243	401	456	418	294	145	80.9	82.4	49.8	46.0
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1940 - 2000	
ANNUAL TOTAL	72128		44798			
ANNUAL MEAN	198		122		196	
HIGHEST ANNUAL MEAN					346	1949
LOWEST ANNUAL MEAN					79.4	1941
HIGHEST DAILY MEAN	9530	Jan 23	4180	Apr 3	14200	Mar 12 1963
LOWEST DAILY MEAN	10	Sep 17, Oct 27	10	Oct 27	8.0	Sep 2 1962
ANNUAL SEVEN-DAY MINIMUM	11	Oct 23	11	Oct 23	8.8	Sep 11 1954
INSTANTANEOUS PEAK FLOW			8320	Apr 3	45800	Mar 16 1973
INSTANTANEOUS PEAK STAGE			11.01	Apr 3	17.48	Mar 16 1973
ANNUAL RUNOFF (CFSM)	1.66		1.03		1.65	
ANNUAL RUNOFF (INCHES)	22.55		14.00		22.39	
10 PERCENT EXCEEDS	418		243		424	
50 PERCENT EXCEEDS	52		34		66	
90 PERCENT EXCEEDS	12		13		18	

e Estimated

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 mi^2.
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, 8.39 ft, Apr. 6.

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	3.87	---	2.63	---	2.41	3.37	5.04	6.76	6.80	6.97	6.24	5.44
2	4.04	---	2.49	---	2.33	3.09	5.63	6.58	6.56	6.89	6.63	5.61
3	3.88	---	2.81	---	2.41	2.91	6.17	6.60	6.62	6.76	6.73	5.48
4	3.70	---	3.44	---	2.38	2.48	7.46	6.68	6.07	6.68	6.62	5.29
5	3.46	---	3.47	---	2.24	2.02	8.16	6.55	6.10	7.02	6.36	5.41
6	---	---	3.89	---	2.28	1.78	8.10	6.43	6.30	6.89	6.50	5.31
7	---	---	3.16	---	2.27	1.74	6.78	6.48	6.35	6.91	6.37	5.39
8	---	---	2.49	---	2.21	1.92	7.33	6.45	6.45	6.77	6.38	5.39
9	---	---	2.28	---	2.25	1.97	7.23	6.22	6.80	6.75	6.23	5.45
10	---	2.83	2.46	---	2.15	1.92	7.00	6.27	6.74	6.41	---	5.39
11	---	2.81	3.11	---	2.21	2.35	6.76	6.29	6.10	6.36	---	5.26
12	---	2.64	---	---	2.30	2.71	6.08	6.06	6.00	6.11	6.56	5.28
13	---	2.70	---	---	2.45	2.96	5.89	5.81	6.23	6.47	6.78	5.11
14	---	2.72	---	---	3.01	3.09	6.32	5.84	6.35	6.63	6.69	4.71
15	---	2.50	---	---	3.57	3.18	6.73	5.89	6.45	6.39	6.36	4.32
16	---	2.54	---	---	3.80	3.19	7.11	5.95	6.93	6.65	6.19	4.33
17	---	2.65	---	---	3.62	3.02	6.88	5.96	6.97	6.68	6.08	4.50
18	---	2.42	---	---	3.57	2.94	6.61	5.96	6.80	6.76	6.45	4.58
19	---	2.05	---	---	4.06	3.49	6.56	6.06	6.72	6.79	6.56	4.39
20	---	2.23	---	---	4.39	5.41	6.59	6.12	6.61	6.96	6.12	4.35
21	---	2.30	---	---	4.44	6.75	6.62	6.21	6.92	6.95	5.98	4.43
22	---	2.26	2.14	1.93	4.01	7.07	6.63	6.25	6.98	6.77	5.61	4.33
23	---	2.16	2.08	2.11	4.01	6.69	6.84	6.31	6.91	6.89	5.50	4.44
24	---	2.25	2.30	2.54	4.09	6.31	6.76	6.28	6.91	6.62	5.30	4.74
25	---	2.34	---	2.47	3.66	6.48	6.33	6.31	6.91	6.29	5.25	4.92
26	---	2.49	---	2.51	3.36	6.40	6.08	6.87	6.79	6.62	5.24	4.99
27	---	2.63	---	2.19	3.35	6.11	6.12	6.90	6.64	6.97	5.28	5.04
28	---	2.70	---	2.04	3.40	5.71	6.18	6.51	6.92	6.92	5.43	5.04
29	---	2.83	---	1.97	3.39	4.91	6.47	6.55	7.23	6.67	5.45	5.16
30	---	2.65	---	2.29	---	4.50	6.71	6.62	7.09	6.67	5.20	5.76
31	---	---	---	2.32	---	4.81	---	6.78	---	6.59	5.28	---
MEAN	---	---	---	---	3.09	3.91	6.64	6.34	6.64	6.70	---	4.99
MAX	---	---	---	---	4.44	7.07	8.16	6.90	7.23	7.02	---	5.76
MIN	---	---	---	---	2.15	1.74	5.04	5.81	6.00	6.11	---	4.32

TENNESSEE RIVER BASIN

03586500 BIG NANCE CREEK AT COURTLAND, AL

LOCATION.--Lat 34°40'12", long 87°19'02", in SW$^1/_4$ 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 mi^2.
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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.7	6.4	7.4	217	172	102	105	17	75	15	2.4
2	1.4	11	5.3	7.1	168	141	1080	94	16	42	26	2.2
3	1.2	53	5.6	8.3	137	119	3500	86	15	29	55	2.1
4	1.2	16	8.7	118	120	117	5640	82	15	23	24	2.1
5	1.2	5.1	12	144	104	123	4530	78	22	19	16	2.1
6	1.1	3.6	14	72	88	101	1300	72	27	18	11	1.8
7	1.1	3.2	14	47	79	87	554	67	20	33	8.2	1.7
8	.97	2.8	15	34	71	78	556	61	17	17	6.6	1.7
9	1.5	2.6	15	200	65	73	547	56	16	17	5.7	1.7
10	2.1	2.5	20	517	62	72	389	53	15	17	5.2	1.6
11	2.0	2.5	62	212	57	438	322	51	14	16	5.1	1.5
12	1.7	2.6	40	123	55	426	339	48	13	15	5.0	1.4
13	1.5	2.7	202	89	52	213	753	45	12	13	4.6	1.4
14	1.5	2.7	255	72	208	158	1810	41	11	11	4.5	1.4
15	1.6	2.7	89	54	259	130	1020	38	9.8	11	4.6	1.2
16	1.5	2.8	46	43	151	116	507	36	10	9.9	4.7	1.1
17	1.5	2.9	30	40	162	257	400	34	12	9.5	4.6	.97
18	1.4	2.9	22	47	536	204	363	32	22	9.6	4.6	.92
19	1.3	3.1	18	53	489	596	268	31	19	8.8	4.4	.84
20	1.2	4.9	16	45	399	2470	217	30	22	8.4	4.1	.90
21	1.2	6.2	15	37	249	2260	197	29	21	10	3.7	1.1
22	1.2	22	14	37	200	589	195	28	22	10	3.5	1.1
23	1.1	21	17	534	169	382	164	27	17	11	3.5	1.2
24	1.1	16	16	435	139	291	154	25	15	11	3.6	1.3
25	1.0	16	13	221	118	233	175	24	14	11	3.4	1.6
26	1.0	36	11	152	101	211	155	23	13	12	3.2	1.6
27	1.0	47	9.6	111	391	207	126	23	13	11	3.1	1.5
28	1.2	26	8.6	88	463	181	150	22	36	10	3.0	1.4
29	1.5	16	8.5	219	228	149	190	21	106	9.1	2.8	1.2
30	1.3	9.9	8.2	604	---	124	131	20	139	9.2	2.6	1.2
31	1.2	---	7.9	334	---	113	---	18	---	9.5	2.5	---
TOTAL	41.27	347.4	1024.8	4704.8	5537	10831	25834	1400	720.8	516.0	253.8	44.23
MEAN	1.33	11.6	33.1	152	191	349	861	45.2	24.0	16.6	8.19	1.47
MAX	2.1	53	255	604	536	2470	5640	105	139	75	55	2.4
MIN	.97	1.7	5.3	7.1	52	72	102	18	9.8	8.4	2.5	.84
CFSM	.01	.07	.20	.91	1.15	2.10	5.19	.27	.14	.10	.05	.01
IN.	.01	.08	.23	1.05	1.24	2.43	5.79	.31	.16	.12	.06	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2000, BY WATER YEAR (WY)

MEAN	74.9	149	347	590	621	634	406	204	123	85.4	49.9	58.2
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 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1935 - 2000	
ANNUAL TOTAL	92699.67		51255.10			
ANNUAL MEAN	254		140		280	
HIGHEST ANNUAL MEAN					580	1991
LOWEST ANNUAL MEAN					97.9	1966
HIGHEST DAILY MEAN	9500	Jan 24	5640	Apr 4	18400	Dec 23 1990
LOWEST DAILY MEAN	.97	Oct 8	.84	Sep 19	.40	Sep 15 1954
ANNUAL SEVEN-DAY MINIMUM	1.1	Oct 21	.99	Sep 16	.41	Oct 11 1955
INSTANTANEOUS PEAK FLOW			6230	Apr 4	27200	Mar 16 1973
INSTANTANEOUS PEAK STAGE			19.03	Apr 4	24.97	Mar 16 1973
ANNUAL RUNOFF (CFSM)	1.53		.84		1.68	
ANNUAL RUNOFF (INCHES)	20.77		11.49		22.89	
10 PERCENT EXCEEDS	606		262		617	
50 PERCENT EXCEEDS	36		18		70	
90 PERCENT EXCEEDS	1.8		1.5		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 SW$^1/_4$ 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 mi^2, 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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27700	31700	44500	14600	35200	44100	18200	38300	45000	21700	39700	35200
2	20100	52400	41000	20700	36600	49600	41200	38800	26100	19400	40200	35900
3	19900	68000	17700	18500	38000	45200	130000	32600	29100	30300	40900	36600
4	30700	41000	16400	24400	38200	40000	219000	33100	22100	21100	41100	18100
5	24600	33600	18000	24800	21500	19400	224000	44200	22700	29500	40500	22100
6	16900	23000	30700	30000	18400	33800	225000	21900	22200	38300	29700	33800
7	28700	18200	55400	30600	26900	29600	132000	17700	33200	25400	47800	17400
8	26600	35200	50100	17500	27000	27500	87300	40600	29100	22600	39400	17200
9	26000	34600	20200	13100	26800	23800	86600	35300	23300	27300	59500	22900
10	23400	29700	34100	29800	19900	25500	88800	26700	32000	31800	34000	26500
11	37800	27700	17600	49600	20300	29600	78000	30700	22800	48800	36600	40900
12	39700	25500	18800	46500	21100	31700	67300	45300	28800	35400	35100	48300
13	44100	23100	57100	49200	17900	42500	62000	25400	29400	27200	26100	45900
14	27200	22500	50800	47600	32600	50000	68300	21400	31500	34500	55800	51300
15	24000	41900	47500	43900	51600	49200	45400	18100	25000	21600	49200	30400
16	17200	40100	46300	28600	52500	53100	63000	19200	22100	23900	53700	17900
17	18900	46600	39500	33400	57800	45300	64700	25200	31600	32700	37800	19100
18	23500	37300	23600	37500	68400	42000	55200	21600	21200	29600	35100	31500
19	25100	24200	23500	52300	44300	23500	53600	21200	40900	32100	43500	32200
20	25600	21700	39700	57300	39100	70200	52800	18700	21200	32900	21700	33300
21	30900	19100	38300	53800	66900	74700	31400	21300	36800	28500	38900	31900
22	40000	33700	44900	37000	43900	94300	29400	21700	35600	21600	47200	21300
23	21700	35000	35800	19500	31200	88600	25000	24300	25400	20500	44300	23500
24	17100	33600	35400	45000	37100	62700	73600	32300	22000	37100	43100	20400
25	33400	19000	23000	50100	42400	49500	63400	25600	23100	21300	43900	34300
26	34500	19600	19800	57600	38700	45300	49500	23600	34100	32100	34500	27800
27	32500	18600	28700	54200	21500	58200	54000	31100	30700	30800	20300	19600
28	30700	22700	28400	45600	35700	63300	42400	24000	25700	40300	34400	24200
29	32100	44900	22300	20900	39000	59900	30200	24600	27500	37700	50200	20000
30	16100	46900	24600	25100	---	30300	26700	19300	26000	23900	37200	25900
31	16900	---	15900	33100	---	30500	---	26000	---	50300	38100	---
TOTAL	833600	971100	1009600	1111800	1050500	1432900	2288000	849800	846200	930200	1239500	865400
MEAN	26890	32370	32570	35860	36220	46220	76270	27410	28210	30010	39980	28850
MAX	44100	68000	57100	57600	68400	94300	225000	45300	45000	50300	59500	51300
MIN	16100	18200	15900	13100	17900	19400	18200	17700	21200	19400	20300	17200
CFSM	.87	1.05	1.06	1.16	1.18	1.50	2.48	.89	.92	.97	1.30	.94
IN.	1.01	1.17	1.22	1.34	1.27	1.73	2.76	1.03	1.02	1.12	1.50	1.04

TENNESSEE RIVER BASIN

TENNESSEE RIVER MAIN STEM

03589500 TENNESSEE RIVER AT FLORENCE, AL--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2000, BY WATER YEAR (WY)

MEAN	34090	43380	65030	81590	87860	80830	52310	43120	36990	35890	35760	33130
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 WATER YEAR		WATER YEARS 1937 - 2000	
ANNUAL TOTAL	13428600			
ANNUAL MEAN	36690		52350	
HIGHEST ANNUAL MEAN			80210	1973
LOWEST ANNUAL MEAN			26870	1941
HIGHEST DAILY MEAN	225000	Apr 6	490000	Mar 17 1973
LOWEST DAILY MEAN	13100	Jan 9	105	Sep 7 1969
ANNUAL SEVEN-DAY MINIMUM	20100	Dec 29	8600	Apr 16 1966
INSTANTANEOUS PEAK FLOW	245000	Apr 4	530000	Mar 17 1973
INSTANTANEOUS PEAK STAGE	21.46	Apr 4	32.50	Mar 19 1897
ANNUAL RUNOFF (CFSM)	1.19		1.70	
ANNUAL RUNOFF (INCHES)	16.21		23.09	
10 PERCENT EXCEEDS	54100		100000	
50 PERCENT EXCEEDS	32000		39600	
90 PERCENT EXCEEDS	19600		20500	

TENNESSEE RIVER BASIN

TENNESSEE RIVER MAIN STEM

03589500 TENNESSEE RIVER AT FLORENCE, 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	10.26	9.44	9.64	8.33	9.45	9.66	10.91	13.06	12.46	12.48	13.09	10.95
2	9.87	10.94	9.57	8.32	9.55	10.04	11.79	13.03	11.98	12.61	12.43	10.98
3	9.91	11.02	8.46	8.30	9.60	9.92	15.73	12.83	12.42	13.06	12.16	11.37
4	10.11	9.48	8.13	8.75	9.60	9.68	20.13	12.75	12.85	13.16	11.98	10.88
5	9.54	9.09	8.12	---	8.92	8.67	20.50	13.08	12.86	12.99	12.39	10.57
6	9.42	8.75	8.71	---	8.86	9.44	20.91	12.74	12.48	12.64	12.48	10.79
7	9.91	8.58	10.14	---	9.14	9.16	17.66	12.85	12.69	12.04	13.15	10.80
8	10.06	9.18	10.00	---	9.10	8.98	15.46	13.38	12.82	12.18	12.29	10.69
9	10.29	9.11	8.25	---	9.11	8.68	15.19	13.16	12.38	12.41	12.86	10.75
10	9.99	8.93	9.31	---	8.84	8.99	15.32	12.67	12.29	13.01	12.19	11.00
11	10.30	8.78	8.68	9.83	8.99	9.52	14.67	12.63	12.51	13.78	11.84	11.48
12	10.20	9.06	8.59	9.34	9.00	9.94	14.01	13.07	12.83	13.24	11.98	11.26
13	10.35	8.95	10.45	9.75	8.97	10.30	13.58	12.98	12.98	12.58	11.62	10.61
14	9.59	8.99	10.51	10.01	9.77	10.38	13.69	12.82	12.91	12.45	12.71	10.45
15	9.39	9.88	10.49	9.89	10.50	10.17	12.77	12.62	12.74	12.26	12.41	9.67
16	9.16	9.67	10.27	9.08	10.33	10.26	13.18	12.53	12.34	12.32	12.78	9.27
17	9.41	9.89	9.79	9.13	10.56	10.00	13.58	12.51	12.56	12.67	12.37	9.34
18	9.51	9.41	8.91	9.63	11.04	9.97	13.14	12.54	12.51	12.64	11.69	9.97
19	9.50	8.85	8.91	10.38	9.83	9.45	13.34	12.35	13.07	12.42	11.81	10.01
20	9.68	8.78	9.67	10.76	9.60	11.50	13.34	12.11	12.96	12.18	11.89	9.76
21	9.90	8.69	9.36	10.24	10.86	12.06	12.89	12.07	13.00	11.91	12.26	9.57
22	10.23	9.13	9.67	9.47	10.24	13.86	12.96	12.06	12.56	12.05	12.46	9.11
23	9.62	9.10	9.38	8.86	9.55	14.24	12.88	12.12	11.92	12.00	12.61	9.26
24	9.31	9.20	9.16	10.00	9.60	13.76	14.51	12.42	11.97	12.71	12.69	9.16
25	9.88	8.75	8.98	10.45	9.49	12.78	14.35	12.38	11.98	12.80	12.15	10.16
26	9.94	8.78	8.58	10.53	9.28	12.26	13.48	12.16	12.65	12.89	11.36	9.99
27	9.89	8.75	8.97	10.11	8.74	12.50	13.26	12.25	12.90	12.30	11.52	9.64
28	9.67	8.89	9.03	9.50	9.24	12.34	12.89	12.31	12.47	12.08	11.54	9.79
29	9.67	9.88	8.74	8.37	9.34	11.99	12.56	12.19	12.34	12.32	11.39	9.62
30	8.83	9.79	8.97	8.60	---	10.90	12.74	12.14	12.38	12.43	10.99	9.39
31	8.79	---	8.60	9.19	---	11.24	---	12.39	---	13.24	10.93	---
MEAN	9.75	9.26	9.23	---	9.56	10.73	14.38	12.59	12.56	12.58	12.13	10.21
MAX	10.35	11.02	10.51	---	11.04	14.24	20.91	13.38	13.07	13.78	13.15	11.48
MIN	8.79	8.58	8.12	---	8.74	8.67	10.91	12.06	11.92	11.91	10.93	9.11

CAL YR 1999 MEAN 11.52 MAX 19.24 MIN 8.12

TENNESSEE RIVER BASIN

TENNESSEE RIVER MAIN STEM

03590680 TENNESSEE RIVER AT SMITHSONIA, AL

LOCATION.--Lat 34°47'20", long 87°53'10", in SW$^1/_4$ 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 mi^2, 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, 15.58 ft, May 8, 1999; minimum gage height, 7.46 ft, Dec. 11, 1998.
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.05 ft, Apr. 6; minimum gage height, 7.82 ft, Dec. 5.

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	9.86	8.76	8.36	8.16	8.61	8.48	10.73	12.60	11.64	12.28	12.45	10.25
2	9.62	9.63	8.44	7.92	8.64	8.65	10.95	12.48	11.63	12.43	11.71	10.27
3	9.61	8.86	8.17	8.00	8.63	8.72	12.35	12.45	12.04	12.67	11.44	10.65
4	9.56	8.25	7.90	8.28	8.65	8.66	14.35	12.36	12.66	13.01	11.20	10.70
5	9.17	8.20	7.82	---	8.55	8.38	14.80	12.40	12.68	12.66	11.70	10.29
6	9.22	8.31	7.98	---	8.58	8.57	15.68	12.56	12.30	11.98	12.14	10.19
7	9.36	8.30	8.59	---	8.60	8.50	15.02	12.72	12.25	11.74	12.33	10.57
8	9.59	8.32	8.58	---	8.55	8.38	13.89	12.82	12.45	11.92	11.61	10.53
9	9.89	8.26	8.31	---	8.50	8.24	13.59	12.73	12.16	12.10	11.67	10.46
10	9.64	8.28	8.57	---	8.52	8.49	13.64	12.41	11.87	12.66	11.65	10.59
11	9.45	8.22	8.37	8.45	8.65	8.91	13.19	12.28	12.30	12.98	11.16	10.66
12	9.33	8.52	8.30	8.02	8.68	9.30	12.86	12.33	12.50	12.84	11.41	10.12
13	9.24	8.51	8.78	8.35	8.71	9.30	12.46	12.76	12.66	12.27	11.33	9.41
14	9.10	8.60	9.13	8.69	9.06	8.95	12.32	12.66	12.52	11.95	11.57	9.02
15	8.97	8.76	9.25	8.76	9.06	8.80	12.06	12.49	12.49	12.06	11.37	9.08
16	8.95	8.60	9.03	8.53	8.92	8.73	11.94	12.38	12.13	12.07	11.72	9.06
17	9.16	8.53	8.75	8.34	8.85	8.76	12.33	12.27	12.18	12.23	11.71	9.10
18	9.16	8.44	8.47	8.72	8.96	8.88	12.17	12.35	12.33	12.23	11.07	9.32
19	9.09	8.36	8.45	8.99	8.66	9.04	12.41	12.18	12.44	11.96	10.97	9.36
20	9.26	8.34	8.71	9.15	8.55	9.50	12.45	11.97	12.78	11.72	11.65	9.04
21	9.34	8.37	8.30	8.53	8.81	10.02	12.55	11.89	12.49	11.55	11.57	8.87
22	9.34	8.30	8.32	8.42	9.07	11.57	12.64	11.86	12.03	11.84	11.53	8.78
23	9.31	8.23	8.46	8.57	8.90	12.33	12.62	11.90	11.59	11.81	11.82	8.85
24	9.09	8.43	8.26	8.80	8.74	12.62	13.14	12.03	11.72	12.13	11.88	8.87
25	9.12	8.46	8.50	9.12	8.39	11.90	13.32	12.14	11.74	12.62	11.27	9.41
26	9.16	8.50	8.29	8.71	8.27	11.48	12.72	11.91	12.12	12.44	10.75	9.55
27	9.24	8.46	8.30	8.49	8.38	11.28	12.32	11.84	12.56	11.83	11.32	9.40
28	9.09	8.47	8.38	8.20	8.35	10.89	12.28	12.08	12.17	11.35	10.93	9.46
29	8.99	8.64	8.34	7.98	8.35	10.56	12.20	11.94	12.02	11.65	10.21	9.36
30	8.64	8.40	8.51	8.08	---	10.41	12.49	11.96	12.11	12.19	10.22	8.96
31	8.52	---	8.40	8.41	---	10.76	---	12.08	---	12.35	10.15	---
MEAN	9.26	8.48	8.45	---	8.66	9.65	12.85	12.28	12.22	12.18	11.40	9.67
MAX	9.89	9.63	9.25	---	9.07	12.62	15.68	12.82	12.78	13.01	12.45	10.70
MIN	8.52	8.20	7.82	---	8.27	8.24	10.73	11.84	11.59	11.35	10.15	8.78

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 mi^2, 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 ft^3/s-day, of which 86,900 ft^3/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 ft^3/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, 591,800 ft^3/s-day, Apr. 4; maximum elevation, 595.53 ft, Apr. 4; minimum midnight contents, 453,900 ft^3/s-day, Mar. 3; minimum elevation, 592.92 ft, Dec. 4.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (ft^3/s-day)	Change in contents (ft^3/s-day)	Change in contents (equivalent in cubic feet per second)
Sept. 30	594.09	483,600	--	--
Oct. 31	593.85	474,100	-9,500	-306
Nov. 30	593.44	468,100	-6,000	-200
Dec. 31	593.51	464,600	-3,500	-113
CAL YR 1999			-11,300	-31
Jan. 31	594.13	483,800	+19,200	+619
Feb. 29	593.97	474,200	-9,600	-331
Mar. 31	593.51	464,000	-10,200	-329
Apr. 30	594.64	499,100	+35,100	+1,170
May 31	594.52	497,300	-1,800	-58
June 30	594.64	501,600	+4,300	+143
July 31	594.07	491,000	-10,600	-342
Aug. 31	593.95	491,900	+900	+29
Sept. 30	594.14	490,400	-1,500	-50
WTR YR 2000			+6,800	+19

03586000 WHEELER LAKE NEAR DECATUR, AL

LOCATION.--Lat 34°47'52", long 87°22'51", SW$^1/_4$ 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 mi^2, 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 ft^3/s-day of which 177,000 ft^3/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 ft^3/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, 636,600 ft^3/s-day, Apr. 5; maximum elevation 556.35 ft, Apr. 24, minimum midnight contents, 377,700 ft^3/s-day, Dec. 28; minimum elevation, 550.02 ft, Dec. 20.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (ft^3/s-day)	Change in contents (ft^3/s-day)	Change in contents (equivalent in cubic feet per second)
Sept. 30	552.82	436,400	--	--
Oct. 31	552.26	416,700	-19,700	-635
Nov. 30	551.50	403,600	-13,100	-437
Dec. 31	550.59	381,000	-22,600	-729
CAL YR 1999			-56,900	-156
Jan. 31	550.99	390,800	+9,800	+316
Feb. 29	552.15	419,000	+28,200	+97
Mar. 31	554.06	468,200	+49,200	+1,590
Apr. 30	555.91	524,000	+55,800	+1,860
May 31	556.07	529,900	+5,900	+190
June 30	555.97	528,400	-1,500	-50
July 31	555.10	501,800	-26,600	-858
Aug. 31	554.23	474,900	-26,900	-868
Sept. 30	554.95	497,900	+23,000	+767
WTR YR 2000			+61,500	+168

03589000 WILSON LAKE NEAR FLORENCE, AL

LOCATION.--Lat 34°47'46", long 87°37'27", in SE$^1/_4$ 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 mi^2, 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 ft/s-day of which 26,800 ft/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 ft^3/s-day, Apr. 29, 1963; maximum elevation, 508.38 ft, May 19, 1983; minimum contents, 233,200 ft^3/s-day, Apr. 6, 1927, elevation, 501.30 ft.
EXTREMES FOR CURRENT YEAR: Maximum contents during year, 322,800 ft^3/s-day, Nov. 17; elevation, 507.89 ft, Nov. 17; minimum 297,200 ft^3/s-day, Feb. 18, elevation 504.69 ft, Feb. 18.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (ft^3/s-day)	Change in contents (ft^3/s-day)	Change in contents (equivalent in cubic feet per second)
Sept. 30	507.21	317,300	--	--
Oct. 31	507.29	318,000	+700	+22
Nov. 30	506.95	315,200	-2,800	-93
Dec. 31	505.57	304,500	-10,700	-345
CAL YR 1999			+100	0
Jan. 31	505.38	302,700	-1,800	-58
Feb. 29	505.80	306,300	+3,600	+124
Mar. 31	505.16	300,900	-5,400	-174
Apr. 30	506.79	313,900	+13,000	+433
May 31	506.91	315,000	+1,100	+35
June 30	507.42	319,200	+3,800	+127
July 31	507.26	318,000	-1,200	-39
Aug. 31	507.03	315,900	-2,100	-68
Sept. 30	507.43	319,100	+3,200	+107
WTR YR 2000			+1,800	+5

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 SW$^1/_4$NW$^1/_4$ 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 mi^2.
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 ft^3/s, 21.50 in/yr.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 283,000 ft^3/s, Feb. 26, 1961, maximum gage height, 60.65 ft, Feb. 27, 1961; minimum discharge prior to 1972, 2,180 ft^3/s, Nov. 24, 1941, since 1972 negative flows for part of many days; minimum daily discharge (regulated), 255 ft^3/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 ft^3/s, from rating curve extended above 276,000 ft^3/s. Flood of Mar. 30, 1888, reached a stage of 60.6 ft, from floodmarks, discharge, 283,000 ft^3/s, from rating curve extended above 276,000 ft^3/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, 96,000 ft^3/s, Apr. 6, gage height, 35.70 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
04-02	0600	28.29	35,000	04-05	0800	35.57	95,000	04-07	1800	33.84	80,000
04-02	1200	28.15	34,000	04-05	1200	35.61	95,000	04-07	2400	33.61	77,000
04-02	1800	28.60	38,000	04-05	1600	35.61	95,000				
04-02	2400	29.08	40,000	04-05	2000	25.49	94,000	04-08	0600	33.56	77,000
				04-05	2400	35.60	95,000	04-08	1200	33.52	76,000
04-03	0600	29.21	41,000					04-08	1800	33.45	75,000
04-03	1200	29.65	45,000	04-06	0400	35.62	95,000	04-08	2400	32.96	72,000
04-03	1800	30.55	50,000	04-06	0800	35.62	95,000				
04-03	2400	31.72	61,000	04-06	0900	35.70	96,000	04-09	1200	31.41	58,000
				04-06	1200	35.56	95,000	04-09	2400	30.69	52,000
04-04	0600	33.04	71,000	04-06	1600	35.37	93,000				
04-04	1200	34.06	82,000	04-06	2000	35.08	90,000	04-10	1200	30.07	47,000
04-04	1800	34.79	88,000	04-06	2400	34.73	87,000	04-10	2400	30.02	46,000
04-04	2400	35.35	92,000								
				04-07	0600	34.35	84,000	04-11	1200	29.58	44,000
04-05	0400	35.44	94,000	04-07	1200	33.94	81,000	04-11	2400	29.61	44,000

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 SW$^1/_4$ 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 mi^2.
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 ft^3/s, 20.34 in/yr.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,500 ft^3/s, Dec. 24, 1990, gage height, 14.07 ft; minimum, 34 ft^3/s, Sept. 15, 16, 20, 21, 1954.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 11	0600	4,640	11.59	Apr. 03	1530	*8,550	*13.22

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-10	0930	3.28	333	03-12	0200	6.78	1,550	04-03	1430	13.19	8,420
03-10	1630	3.37	357	03-12	1600	5.39	996	04-03	1500	13.21	8,510
03-10	1830	4.01	537					04-03	1530	13.22	8,550
03-10	1930	4.81	793	03-14	1200	4.26	614	04-03	1700	13.21	8,510
03-10	2000	5.78	1,150					04-03	1800	13.21	8,510
03-10	2030	6.80	1,560	04-01	1700	4.08	558	04-03	1900	13.17	8,330
03-10	2100	7.77	1,970					04-03	2100	13.11	8,060
03-10	2130	8.68	2,420	04-02	0300	4.93	834	04-03	2130	13.15	8,240
03-10	2200	9.46	2,890	04-02	0400	5.38	993				
03-10	2300	10.40	3,500	04-02	0520	6.64	1,490	04-04	0030	13.15	8,240
03-10	2400	10.75	3,820	04-02	0530	7.72	1,940	04-04	0330	13.11	8,060
				04-02	0600	9.16	2,710	04-04	0930	13.05	7,810
03-11	0100	11.05	4,100	04-02	0630	10.46	3,550	04-04	1330	13.00	7,600
03-11	0200	11.19	4,240	04-02	0700	11.11	4,160	04-04	1500	13.00	7,600
03-11	0300	11.36	4,410	04-02	0900	11.87	4,920	04-04	2000	12.90	7,200
03-11	0400	11.49	4,540	04-02	1200	12.31	5,540	04-04	2230	12.79	6,840
03-11	0500	11.55	4,600	04-02	1400	12.49	5,930				
03-11	0530	11.57	4,620	04-02	1600	12.66	6,430	04-05	0030	12.45	5,820
03-11	0600	11.59	4,640	04-02	2000	12.81	6,900	04-05	0330	11.55	4,600
03-11	0700	11.57	4,620	04-02	2400	12.95	7,400	04-05	0800	10.02	3,250
03-11	0800	11.51	4,560					04-05	1200	8.90	2,550
03-11	0900	11.37	4,420	04-03	0400	13.00	7,600	04-05	1700	7.95	2,050
03-11	1200	10.59	3,670	04-03	1000	13.00	7,600				
03-11	1400	9.97	3,220	04-03	1200	13.07	7,890	04-06	0300	6.95	1,620
03-11	1700	9.01	2,620	04-03	1300	13.13	8,150	04-06	2400	5.92	1,200
03-11	2130	7.87	2,610	04-03	1400	13.20	8,460				

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 SW$^1/_4$NW$^1/_4$ 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 mi^2.
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 ft^3/s, June 28, 1999, gage height, 12.20 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 03	1355	*1,310	*10.88				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-19	0810	5.76	126	03-19	2110	7.86	385	04-03	1400	10.85	1,300
03-19	0825	6.05	151	03-19	2130	7.68	355	04-03	1405	10.83	1,290
03-19	0840	6.35	182	03-19	2150	7.50	326	04-03	1410	10.80	1,270
03-19	0850	6.58	208	03-19	2220	7.25	289	04-03	1420	10.74	1,240
03-19	0855	6.86	239	03-19	2250	7.01	256	04-03	1430	10.61	1,170
03-19	0900	7.10	268	03-19	2320	6.82	234	04-03	1435	10.55	1,140
03-19	0910	7.30	296	03-19	2355	6.61	211	04-03	1440	10.50	1,120
03-19	0920	7.50	326					04-03	1445	10.40	1,070
03-19	0940	7.68	355	03-20	0035	6.40	188	04-03	1455	10.24	1,000
03-19	0955	7.71	360	03-20	0145	6.18	164	04-03	1500	10.12	949
03-19	1025	7.67	353	03-20	0345	5.87	135	04-03	1505	10.01	904
03-19	1110	7.56	335	03-20	0435	5.77	127	04-03	1510	9.91	872
03-19	1135	7.51	327					04-03	1515	9.81	841
03-19	1155	7.56	335	04-03	1010	5.77	127	04-03	1525	9.59	777
03-19	1235	7.71	360	04-03	1045	5.90	137	04-03	1535	9.35	710
03-19	1255	7.88	389	04-03	1120	6.16	162	04-03	1545	9.12	651
03-19	1325	8.07	423	04-03	1200	6.41	189	04-03	1555	8.93	604
03-19	1400	8.03	415	04-03	1245	6.66	217	04-03	1610	8.68	547
03-19	1425	7.85	383	04-03	1255	6.99	254	04-03	1625	8.42	491
03-19	1455	7.76	368	04-03	1300	7.28	293	04-03	1650	8.10	428
03-19	1605	7.93	397	04-03	1305	7.63	346	04-03	1720	7.82	378
03-19	1635	7.78	371	04-03	1310	8.06	421	04-03	1750	7.54	332
03-19	1700	7.59	340	04-03	1315	8.62	533	04-03	1830	7.23	286
03-19	1730	7.40	311	04-03	1320	9.24	681	04-03	1900	7.00	255
03-19	1810	7.33	300	04-03	1325	9.71	811	04-03	1915	6.89	242
03-19	1835	7.53	331	04-03	1330	10.18	975	04-03	2015	6.60	210
03-19	1855	7.73	363	04-03	1335	10.53	1,130	04-03	2110	6.37	185
03-19	1915	7.95	401	04-03	1340	10.70	1,220	04-03	2230	6.11	157
03-19	1930	8.06	421	04-03	1345	10.80	1,270	04-03	2355	5.95	142
03-19	2005	8.16	440	04-03	1350	10.84	1,290				
03-19	2045	8.03	415	04-03	1355	10.88	1,310				

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 SE$^1/_4$ 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 mi^2.
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 ft^3/s, June 28, 1999, gage height, 9.40 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 115 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 01	2135	122	3.81	Apr. 03	1300	*882	*6.73
Jan. 10	0020	266	4.57	July 20	1740	268	4.58
Apr. 02	2145	480	5.46	Sep. 24	1550	168	4.07

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
01-10	0015	3.70	102	04-03	1310	5.89	597	04-03	1415	3.80	120
01-10	0020	4.57	266	04-03	1315	5.49	487	04-03	1420	3.76	112
01-10	0025	4.16	185	04-03	1320	5.00	370	04-03	1425	3.69	100
01-10	0030	3.78	116	04-03	1325	4.67	289	04-03	1430	3.65	93
01-10	0035	3.58	82	04-03	1330	4.50	251				
				04-03	1335	4.27	205	07-20	1730	3.50	70
04-03	1235	3.65	93	04-03	1340	4.19	191	07-20	1735	4.46	242
04-03	1240	3.97	150	04-03	1345	4.17	187	07-20	1740	4.58	268
04-03	1245	4.44	238	04-03	1350	4.07	168	07-20	1745	4.11	175
04-03	1250	5.23	422	04-03	1355	4.02	159	07-20	1750	3.67	97
04-03	1255	6.41	765	04-03	1400	3.93	144	07-20	1755	3.57	80
04-03	1300	6.73	882	04-03	1405	3.90	140	07-20	1800	3.51	71
04-03	1305	6.41	765	04-03	1410	3.83	126				

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 SW$^1/_4$NW$^1/_4$ 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 mi^2.
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 ft^3/s, June 28, 1999, gage height, 14.55 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 01	2225	391	5.67	Mar. 19	1950	477	5.99
Jan. 10	0110	509	6.11	Apr. 02	2235	829	7.12
				Apr. 03	1340	*1,500	*8.76

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
01-10	0010	4.21	119	03-19	1200	5.64	383	04-03	1305	6.18	528
01-10	0015	4.46	156	03-19	1300	5.86	441	04-03	1310	6.46	609
01-10	0030	4.73	198	03-19	1330	5.96	468	04-03	1315	6.88	747
01-10	0040	4.85	220	03-19	1400	5.80	424	04-03	1320	7.48	955
01-10	0050	5.18	283	03-19	1500	5.61	376	04-03	1325	8.05	1,180
01-10	0055	5.61	376	03-19	1600	5.81	427	04-03	1330	8.43	1,340
01-10	0100	5.95	466	03-19	1700	5.43	335	04-03	1335	8.65	1,450
01-10	0105	6.08	501	03-19	1730	5.32	311	04-03	1340	8.76	1,500
01-10	0110	6.11	509	03-19	1800	5.42	332	04-03	1345	8.70	1,470
01-10	0115	6.08	501	03-19	1830	5.66	388	04-03	1350	8.62	1,430
01-10	0120	5.96	468	03-19	1900	5.91	454	04-03	1355	8.46	1,360
01-10	0125	5.88	446	03-19	1930	5.97	471	04-03	1400	8.36	1,310
01-10	0130	5.76	414	03-19	1950	5.99	477	04-03	1405	8.19	1,240
01-10	0135	5.61	376	03-19	2000	5.96	468	04-03	1410	7.98	1,150
01-10	0145	5.38	324	03-19	2015	5.92	457	04-03	1415	7.84	1,090
01-10	0155	5.20	287	30-19	2030	5.85	438	04-03	1420	7.71	1,040
01-10	0215	4.95	239	03-19	2100	5.65	386	04-03	1430	7.42	934
01-10	0240	4.79	208	03-19	2200	5.32	311	04-03	1440	7.20	856
01-10	0305	4.67	188	03-19	2300	5.11	270	04-03	1450	7.03	800
01-10	0340	4.53	166	03-19	2400	5.02	254	04-03	1500	6.86	740
01-10	0430	4.39	145					04-03	1510	6.66	673
01-10	0530	4.25	125	04-03	1020	4.76	203	04-03	1525	6.45	606
01-10	0550	4.21	119	04-03	1030	4.82	214	04-03	1545	6.18	528
				04-03	1040	4.93	235	04-03	1615	5.88	446
03-19	0800	4.96	242	04-03	1100	5.14	276	04-03	1645	5.72	404
03-19	0830	5.50	350	04-03	1120	5.24	295	04-03	1745	5.52	355
03-19	0900	5.84	435	04-03	1200	5.31	309	04-03	1845	5.27	301
03-19	0915	5.92	457	04-03	1215	5.26	299	04-03	1945	5.11	270
03-19	1000	5.79	422	04-03	1240	5.44	337	04-03	2045	5.01	252
03-19	1100	5.62	379	04-03	1250	5.64	383	04-03	2245	4.80	210
03-19	1130	5.60	374	04-03	1255	5.79	422	04-03	2315	4.77	205
				04-03	1300	5.96	468				

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 NW$^1/_4$ 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 mi^2 (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 ft^3/s, June 28, 1999, gage height, 13,.78 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 03	1425	*2,040	*8.52	Apr. 02	2305	1,300	7.30

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-19	0725	3.87	140	03-19	1810	5.36	485	04-03	1250	5.36	485
03-19	0755	4.11	179	03-19	1825	5.50	527	04-03	1300	5.74	605
03-19	0810	4.40	234	03-19	1845	5.65	575	04-03	1310	6.41	865
03-19	0820	4.69	301	03-19	1900	5.75	608	04-03	1315	6.88	1,090
03-19	0830	4.96	375	03-19	1915	5.84	640	04-03	1320	7.40	1,350
03-19	0840	5.16	429	03-19	1935	5.94	676	04-03	1325	7.74	1,540
03-19	0900	5.31	470	03-19	1940	5.90	661	04-03	1330	7.94	1,660
03-19	0920	5.44	508	03-19	1950	5.94	676	04-03	1340	8.08	1,750
03-19	0935	5.52	533	03-19	2000	5.94	676	04-03	1350	8.24	1,850
03-19	0955	5.65	575	03-19	2015	5.92	669	04-03	1355	8.34	1,920
03-19	1025	5.71	595	03-19	2035	5.82	633	04-03	1400	8.48	2,020
03-19	1035	5.72	598	03-19	2055	5.74	605	04-03	1410	8.50	2,030
03-19	1050	5.65	575	03-19	2115	5.62	565	04-03	1425	8.52	2,040
03-19	1150	5.56	546	03-19	2135	5.48	521	04-03	1430	8.36	1,930
03-19	1220	5.61	562	03-19	2200	5.32	473	04-03	1440	8.18	1,810
03-19	1240	5.71	595	03-19	2220	5.15	426	04-03	1450	7.87	1,620
03-19	1250	5.80	626	03-19	2250	4.98	381	04-03	1500	7.59	1,460
03-19	1305	5.89	658	03-19	2330	4.85	343	04-03	1510	7.32	1,310
03-19	1320	5.86	647	03-19	2400	4.74	314	04-03	1525	6.96	1,130
03-19	1325	5.91	665					04-03	1535	6.74	1,020
03-19	1345	5.82	633	03-20	0100	4.60	279	04-03	1600	6.30	818
03-19	1405	5.72	598	03-20	0200	4.46	247	04-03	1620	6.06	721
03-19	1440	5.65	575	03-20	0400	4.21	197	04-03	1640	5.87	650
03-19	1505	5.79	622	03-20	0600	4.02	164	04-03	1720	5.60	558
03-19	1525	5.85	643	03-20	0800	3.86	139	04-03	1800	5.37	488
03-19	1540	5.79	622					04-03	1900	5.08	407
03-19	1605	5.69	588	04-03	0930	4.25	204	04-03	2030	4.79	327
03-19	1635	5.56	546	04-03	1045	4.57	272	04-03	2330	4.50	256
03-19	1655	5.45	512	04-03	1110	4.98	381				
03-19	1710	5.37	488	04-03	1145	5.20	439	04-04	0005	4.54	265
03-19	1750	5.29	464	04-03	1225	5.04	397	04-04	0345	4.25	204

TENNESSEE RIVER BASIN

0357586650 FAGAN CREEK AT ADAMS STREET AT HUNTSVILLE, AL

LOCATION.--Lat 34°43'21", long 86°34'30", in SE$^1/_4$NE$^1/_4$ 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 mi^2.
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 ft^3/s, June 28, 1999, gage height, 5.50 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 19	1905	351	3.09	Apr. 03	1305	*1,000	*3.86

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-19	1625	2.81	186	03-19	1840	3.03	316	04-03	1235	3.15	388
03-19	1630	2.83	191	03-19	1845	3.02	311	04-03	1240	3.22	436
03-19	1635	2.85	205	03-19	1850	3.05	327	04-03	1245	3.30	497
03-19	1640	2.87	216	03-19	1855	2.96	272	04-03	1250	3.55	708
03-19	1645	2.86	211	03-19	1900	3.08	345	04-03	1255	3.43	608
03-19	1700	2.87	216	03-19	1905	3.09	351	04-03	1300	3.70	845
03-19	1705	2.86	211	03-19	1910	3.05	327	04-03	1305	3.86	1,000
03-19	1710	2.83	195	03-19	1925	3.04	322	04-03	1310	3.71	855
03-19	1715	2.87	216	03-19	1930	3.07	339	04-03	1315	3.41	591
03-19	1720	2.86	211	03-19	1935	3.04	322	04-03	1320	2.96	272
03-19	1725	2.88	222	03-19	1940	3.01	305	04-03	1325	2.91	239
03-19	1730	2.83	195	03-19	1945	2.95	265	04-03	1330	2.85	205
03-19	1735	2.90	233	03-19	1950	2.94	258	04-03	1335	2.90	233
03-19	1740	2.86	211	03-19	1955	2.98	286	04-03	1340	2.86	211
03-19	1745	2.83	195	03-19	2000	2.97	279	04-03	1345	2.91	239
03-19	1755	2.86	211	03-19	2005	2.98	286	04-03	1350	2.87	216
03-19	1800	2.88	222	03-19	2010	2.97	279	04-03	1355	2.95	265
03-19	1805	2.85	205	03-19	2015	2.89	228	04-03	1400	2.91	239
03-19	1810	2.90	233	03-19	2020	2.83	195	04-03	1405	2.81	186
03-19	1815	2.99	293	03-19	2025	2.82	191	04-03	1410	2.86	211
03-19	1820	3.00	300					04-03	1415	2.84	200
03-19	1825	2.98	286	04-03	1220	2.74	158	04-03	1420	2.75	161
03-19	1830	3.01	305	04-03	1225	2.84	200	04-03	1430	2.78	173
03-19	1835	2.97	279	04-03	1230	2.94	258	04-03	1440	2.75	161

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 SE$^1/_4$SW$^1/_4$ 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 mi^2.
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.
REMARKS.--No estimated discharges. Records good.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 904 ft^3/s, Mar. 3, 1997, gage height, 9.18 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft^3/s and maximum (*): no peaks above base.

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 03	1255	*43	*4.95				

0357587140 EAST FORK PINHOOK CREEK AT WINCHESTER ROAD AT HUNTSVILLE, AL

LOCATION.--Lat 34°47'34", long 86°35'21", in SW$^1/_4$NW$^1/_4$ 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 mi^2.
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 ft^3/s, Apr. 3, 2000, gage height, 8.19 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 125 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 19	1325	150	7.26	Apr. 03	1300	*417	*8.19

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-19	0815	6.95	83	03-19	1545	7.19	133	04-03	1255	8.11	393
03-19	0830	7.13	119	03-19	1600	7.17	128	04-03	1300	8.19	417
03-19	0845	7.21	137	03-19	1615	7.15	124	04-03	1305	8.18	414
03-19	0850	7.22	140	03-19	1630	7.12	117	04-03	1315	8.14	403
03-19	0900	7.21	137	03-19	1645	7.08	109	04-03	1320	8.09	386
03-19	0915	7.20	135	03-19	1700	7.07	107	04-03	1330	8.03	365
03-19	0930	7.17	128	03-19	1715	7.05	104	04-03	1345	8.00	355
03-19	1000	7.07	107	03-19	1800	7.08	109	04-03	1400	7.90	323
03-19	1030	7.04	102	03-19	1830	7.10	113	04-03	1415	7.82	300
03-19	1100	7.07	107	03-19	1900	7.13	119	04-03	1430	7.73	273
03-19	1130	7.04	102	03-19	1930	7.17	128	04-03	1445	7.59	233
03-19	1200	7.07	107	03-19	2000	7.15	124	04-03	1500	7.48	205
03-19	1215	7.10	113	03-19	2030	7.11	115	04-03	1515	7.38	178
03-19	1230	7.13	119	03-19	2100	7.05	104	04-03	1530	7.29	157
03-19	1245	7.22	140	03-19	2200	6.96	85	04-03	1454	7.24	145
03-19	1300	7.23	142					04-03	1600	7.18	130
03-19	1315	7.23	142	04-03	1200	6.86	67	04-03	1615	7.16	126
03-19	1325	7.26	150	04-03	1205	6.88	71	04-03	1630	7.14	122
03-19	1335	7.26	150	04-03	1215	6.94	81	04-03	1645	7.10	113
03-19	1345	7.24	145	04-03	1220	6.98	89	04-03	1700	7.07	107
03-19	1400	7.21	137	04-03	1225	7.11	115	04-03	1730	7.03	100
03-19	1415	7.17	128	04-03	1230	7.28	154	04-03	1800	6.99	91
03-19	1430	7.14	122	04-03	1235	7.45	197	04-03	1830	6.95	83
03-19	1500	7.19	133	04-03	1240	7.81	297	04-03	1900	6.93	79
03-19	1515	7.21	137	04-03	1245	8.04	368	04-03	2000	6.90	74
03-19	1530	7.18	130	04-03	1250	8.09	386	04-03	2100	6.86	67

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 SW$^1/_4$SE$^1/_4$ 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 mi^2.
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 ft^3/s, March 3, 1997, gage height, 8.89 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 03	1305	*1,840	*8.99				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-19	1035	4.50	187	03-19	1545	4.76	237	04-03	1330	8.08	1,390
03-19	1150	4.50	187	03-19	1600	4.61	207	04-03	1335	7.91	1,310
03-19	1155	4.51	189	03-19	1630	4.52	191	04-03	1340	7.71	1,220
03-19	1210	4.52	191	03-19	1645	4.50	187	04-03	1345	7.58	1,160
03-19	1215	4.58	202					04-03	1350	7.41	1,090
03-19	1220	4.65	215	04-03	1145	4.04	120	04-03	1355	7.28	1,030
03-19	1230	4.71	226	04-03	1200	4.17	137	04-03	1400	7.14	978
03-19	1235	4.78	241	04-03	1205	4.23	145	04-03	1415	6.76	826
03-19	1245	4.88	262	04-03	1210	4.29	154	04-03	1430	6.32	663
03-19	1250	4.90	267	04-03	1215	4.39	169	04-03	1445	5.98	553
03-19	1255	4.94	276	04-03	1220	4.53	193	04-03	1500	5.68	459
03-19	1300	5.00	290	04-03	1225	4.66	217	04-03	1515	5.39	380
03-19	1305	5.03	296	04-03	1230	4.88	262	04-03	1530	5.14	320
03-19	1315	5.03	296	04-03	1235	5.08	307	04-03	1545	4.95	278
03-19	1320	5.00	290	04-03	1240	5.98	553	04-03	1600	4.78	241
03-19	1325	4.98	285	04-03	1245	6.79	838	04-03	1615	4.72	228
03-19	1330	4.94	276	04-03	1250	7.64	1,180	04-03	1630	4.70	224
03-19	1345	4.88	262	04-03	1255	8.52	1,600	04-03	1700	4.57	200
03-19	1400	4.81	247	04-03	1300	8.88	1,780	04-03	1730	4.50	187
03-19	1430	4.60	205	04-03	1305	8.99	1,840	04-03	1800	4.38	168
03-19	1435	4.58	202	04-03	1310	8.93	1,810	04-03	1900	4.29	154
03-19	1500	4.65	215	04-03	1315	8.72	1,700	04-03	2000	4.26	149
30-19	1515	4.76	237	04-03	1320	8.48	1,580	04-03	2100	4.21	142
03-19	1530	4.83	251	04-03	1325	8.26	1,470	04-03	2200	4.17	137

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 NW$^1/_4$ 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 mi^2 (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 ft^3/s, Feb. 11, 1994, gage height, 5.20 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 03	1300	*803	*4.10	Sep. 24	1555	618	3.45
Jul. 20	1740	525	3.10				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
04-03	1115	1.33	145	04-03	1345	2.94	485	07-20	1805	1.54	182
04-03	1130	1.38	154	04-03	1350	2.90	475	07-20	1810	1.29	138
04-03	1145	1.36	150	04-03	1355	2.85	462	07-20	1815	1.11	100
04-03	1200	1.39	155	04-03	1400	2.71	428				
04-03	1215	1.44	164	04-03	1415	2.43	363	09-24	1545	.70	<10
04-03	1225	1.49	173	04-03	1430	2.27	327	09-24	1550	2.81	452
04-03	1230	1.63	198	04-03	1500	2.00	270	09-24	1555	3.45	618
04-03	1235	1.94	258	04-03	1530	1.87	244	09-24	1600	3.23	559
04-03	1240	2.44	365	04-03	1600	1.76	223	09-24	1605	2.88	470
04-03	1245	3.03	507	04-03	1700	1.71	213	09-24	1610	2.48	374
04-03	1250	3.53	640	04-03	1800	1.55	184	09-24	1615	2.11	293
04-03	1255	3.92	750	04-03	1900	1.45	166	09-24	1620	1.69	209
04-03	1300	4.10	803	04-03	2000	1.38	154	09-24	1625	1.45	166
04-03	1305	4.10	803	04-03	2030	1.33	145	09-24	1630	1.29	138
04-03	1310	3.92	750					09-24	1635	1.26	133
04-03	1315	3.86	733	07-20	1735	1.91	252	09-24	1640	1.25	131
04-03	1320	3.57	651	07-20	1740	3.10	525	09-24	1645	1.41	159
04-03	1325	3.38	599	07-20	1745	2.97	492	09-24	1650	1.33	145
04-03	1330	3.20	551	07-20	1750	2.61	404	09-24	1655	1.18	117
04-03	1335	3.09	523	07-20	1755	2.21	314	09-24	1700	1.04	84
04-03	1340	3.00	500	07-20	1800	1.83	236				

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 SW$^1/_4$ 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 mi^2 (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 ft^3/s, 16.48 ft (present datum).
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft^3/s (revised) and maximum (*):

Date	Time	Discharge (ft/s)	Gage height (ft)	Date	Time	Discharge (ft/s)	Gage height (ft)
Apr. 03	1335	*3,790	*10.10				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-01	2125	4.26	181	04-03	1155	4.24	174	04-03	1545	503	605
11-01	2130	4.43	253	04-03	1230	4.30	196	04-03	1555	5.16	549
11-01	2135	4.63	334	04-03	1235	4.35	216	04-03	1605	5.00	490
11-01	2140	5.07	515	04-03	1240	4.46	269	04-03	1615	4.91	448
11-01	2145	5.45	670	04-03	1245	4.62	331	04-03	1635	4.80	400
11-01	2150	5.77	824	04-03	1250	4.97	476	04-03	1730	4.67	349
11-01	2155	6.08	988	04-03	1255	5.54	711	04-03	1810	4.53	300
11-01	2200	6.26	1,080	04-03	1300	6.36	1,130	04-03	1850	4.44	258
11-01	2205	6.30	1,100	04-03	1305	7.28	1,680	04-03	1945	4.30	196
11-01	2210	6.28	1,090	04-03	1310	8.16	2,320	04-03	2055	4.27	184
11-01	2215	6.25	1,070	04-03	1315	9.02	2,970	04-03	2205	4.21	163
11-01	2225	6.18	1,040	04-03	1320	9.58	3,390				
11-01	2230	6.14	1,020	04-03	1325	9.90	3,630	09-12	1940	4.30	196
11-01	2240	6.04	993	04-03	1330	10.00	3,710	09-12	1945	5.27	593
11-01	2245	6.14	1,020	04-03	1335	10.10	3,790	09-12	1950	6.06	978
11-01	2250	5.95	922	04-03	1345	9.87	3,610	09-12	1955	6.58	1,250
11-01	2255	5.98	939	04-03	1350	9.64	3,430	09-12	2005	6.93	1,460
11-01	2300	6.00	950	04-03	1355	9.43	3,270	09-12	2010	6.94	1,460
11-01	2315	5.87	877	04-03	1400	9.15	3,070	09-12	2015	6.91	1,440
11-01	2330	5.51	697	04-03	1405	8.90	2,880	09-12	2020	6.75	1,350
11-01	2345	5.17	553	04-03	1410	8.66	2,690	09-12	2025	6.57	1,240
11-01	2400	4.87	430	04-03	1415	8.38	2,480	09-12	2030	6.28	1,090
				04-03	1425	7.92	2,150	09-12	2035	6.04	969
11-02	0015	4.74	376	04-03	1435	7.45	1,800	09-12	2040	5.71	794
11-02	0030	4.62	331	04-03	1440	7.16	1,600	09-12	2045	5.44	666
11-02	0045	4.50	290	04-03	1450	6.78	1,360	09-12	2050	5.17	553
11-02	0100	4.40	239	04-03	1500	6.40	1,150	09-12	2055	4.89	439
11-02	0115	4.32	204	04-03	1510	6.08	988	09-12	2100	4.67	349
11-02	0130	4.24	174	04-03	1525	5.71	794	09-12	2105	4.48	279
				04-03	1535	5.47	679	09-12	2110	4.32	204
								09-12	2115	4.19	157

0357591500 BROGLAN BRANCH AT OAKWOOD AVENUE AT HUNTSVILLE, AL

LOCATION.--Lat 34°44'58", long 86°37'31", in NW$^1/_4$SW$^1/_4$ 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 mi^2.
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 ft^3/s, Oct. 25, 1997, gage height, 12.90 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 01	2125	332	8.77	July 20	1740	332	8.75
Jan. 03	2320	387	8.96	Sep. 12	1935	307	8.67
Feb. 13	1955	324	8.74	Sep. 24	1550	532	9.53
Apr. 03	1255	*1,090	*12.04				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
01-03	2305	7.59	95	04-03	1250	11.37	951	04-03	1400	7.71	114
01-03	2310	8.71	317	04-03	1255	12.04	1,090	04-03	1405	7.66	105
01-03	2315	8.94	381	04-03	1300	11.49	975	04-03	1410	7.58	94
01-03	2320	8.96	387	04-03	1305	10.30	714	04-03	1415	7.47	82
01-03	2325	8.65	302	04-03	1310	9.77	592				
01-03	2330	8.12	185	04-03	1315	9.38	494	09-24	1540	7.13	47
01-03	2335	7.69	110	04-03	1320	9.04	408	09-24	1545	9.41	502
01-03	2340	7.43	78	04-03	1325	8.71	317	09-24	1550	9.53	532
				04-03	1330	8.47	257	09-24	1555	8.70	314
04-03	1225	7.46	81	04-03	1335	8.07	177	09-24	1600	8.65	302
04-03	1230	7.75	121	04-03	1340	8.10	182	09-24	1605	8.16	193
04-03	1235	8.48	259	04-03	1345	8.02	168	09-24	1610	7.75	121
04-03	1240	9.37	491	04-03	1350	7.97	159	09-24	1615	7.47	82
04-03	1245	10.83	837	04-03	1355	7.83	135	09-24	1630	7.41	76

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 SW$^1/_4$NW$^1/_4$ 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 mi^2 (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 ft^3/s, June 28, 1999, gage height, 10.15 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 03	1315	*2,190	*8.41				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-01	2040	4.44	103	03-19	0700	5.20	433	03-19	2000	5.33	491
11-01	2050	4.51	125	03-19	0705	5.31	481	03-19	2100	5.02	344
11-01	2100	4.59	157	03-19	0710	5.37	509	03-19	2200	4.84	260
11-01	2105	4.68	200	03-19	0715	5.54	595	03-19	2300	4.76	228
11-01	2110	4.73	217	03-19	0720	5.63	638				
11-01	2115	4.93	300	03-19	0725	5.87	765	04-03	1155	4.81	248
11-01	2120	5.10	388	03-19	0730	5.90	783	04-03	1225	4.95	309
11-01	2125	5.35	500	03-19	0735	6.04	852	04-03	1230	5.04	355
11-01	2130	5.72	684	03-19	0740	6.23	947	04-03	1235	5.17	420
11-01	2135	5.93	800	03-19	0745	6.21	937	04-03	1240	5.55	600
11-01	2140	6.07	866	03-19	0800	6.24	952	04-03	1245	6.05	857
11-01	2145	6.17	916	03-19	0805	6.21	937	04-03	1250	6.54	1,100
11-01	2150	6.33	1,000	03-19	0815	6.08	871	04-03	1255	7.12	1,400
11-01	2155	6.43	1,050	03-19	0830	5.94	805	04-03	1300	7.69	1,720
11-01	2200	6.58	1,120	03-19	0845	5.75	700	04-03	1305	7.99	1,900
11-01	2205	6.63	1,140	03-19	0900	5.51	579	04-03	1310	8.37	2,160
11-01	2210	6.57	1,110	03-19	0930	5.32	486	04-03	1315	8.41	2,190
11-01	2215	6.48	1,070	03-19	1000	5.27	463	04-03	1320	8.33	2,130
11-01	2220	6.42	1,040	03-19	1030	5.27	463	04-03	1325	8.18	2,020
11-01	2225	6.23	947	03-19	1100	5.19	429	04-03	1330	7.97	1,890
11-01	2230	6.12	891	03-19	1130	5.17	420	04-03	1335	7.66	1,700
11-01	2240	5.99	828	03-19	1200	5.25	454	04-03	1340	7.53	1,630
11-01	2250	5.82	738	03-19	1230	5.38	514	04-03	1345	7.32	1,510
11-01	2300	5.68	663	03-19	1300	5.57	609	04-03	1350	7.12	1,400
11-01	2320	5.48	563	03-19	1315	5.58	614	04-03	1355	6.90	1,280
11-01	2340	5.28	468	03-19	1330	5.57	609	04-03	1400	6.81	1,230
11-01	2400	5.12	400	03-19	1345	5.45	548	04-03	1405	6.65	1,150
				03-19	1400	5.32	486	04-03	1410	6.51	1,080
11-02	0035	5.01	339	03-19	1430	5.17	420	04-03	1420	6.37	1,020
11-02	0100	4.90	286	03-19	1500	5.28	468	04-03	1430	6.26	963
11-02	0125	4.78	236	03-19	1530	5.38	514	04-03	1440	6.10	881
11-02	0140	4.70	207	03-19	1545	5.41	528	04-03	1450	5.98	823
11-02	0200	4.61	165	03-19	1600	5.34	495	04-03	1500	5.84	749
11.02	0230	4.51	125	03-19	1630	5.12	400	04-03	1515	5.65	648
11-02	0300	4.44	103	03-19	1700	5.03	350	04-03	1540	5.49	543
				03-19	1715	5.00	334	04-03	1620	5.25	454
03-19	0600	4.77	232	03-19	1800	5.12	400	04-03	1750	5.06	366
03-19	0615	4.84	260	03-19	1900	5.33	491	04-03	1855	4.86	268
03-19	0645	5.03	350	03-19	1935	5.42	533	04-03	2005	4.81	248

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 SE$^{1}/_{4}$ 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 mi^2.
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 ft^3/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 ft^3/s. This occurred prior to extensive channel work.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 01	2240	4,540	11.50	Apr. 03	1350	*6,340	*12.77

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2000 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-01	2135	8.20	1,200	11-01	2355	10.08	2,840	04-03	1320	11.17	4,130
11-01	2140	8.60	1,490	11-01	2400	9.97	2,730	04-03	1325	11.66	4,740
11-01	2145	9.06	1,890					04-03	1330	12.16	5,430
11-01	2150	9.46	2,240	11-02	0005	9.84	2,600	04-03	1335	12.42	5,820
11-01	2155	9.87	2,630	11-02	0010	9.75	2,510	04-03	1340	12.53	5,980
11-01	2200	10.30	3,070	11-02	0015	9.66	2,420	04-03	1345	12.55	6,010
11-01	2205	10.62	3,440	11-02	0020	9.59	2,360	04-03	1350	12.77	6,340
11-01	2210	10.83	3,700	11-02	0030	9.45	2,240	04-03	1355	12.70	6,230
11-01	2215	11.06	4,000	11-02	0035	9.38	2,170	04-03	1400	12.55	6,010
11-01	2220	11.29	4,270	11-02	0040	9.33	2,130	04-03	1405	12.43	5,830
11-01	2225	11.39	4,400	11-02	0045	9.26	2,070	04-03	1410	12.22	5,520
11-01	2230	11.45	4,470	11-02	0050	9.13	1,960	04-03	1415	12.16	5,430
11-01	2235	11.49	4,520	11-02	0055	9.10	1,930				
11-01	2240	11.50	4,540	11-02	0100	9.04	1,870	09-24	1615	8.79	1,650
11-01	2245	11.40	4,410	11-02	0105	8.98	1,820	09-24	1620	9.28	2,090
11-01	2250	11.30	4,290	11-02	0110	8.87	1,720	09-24	1625	9.59	2,360
11-01	2255	11.26	4,240	11-02	0115	8.85	1,700	09-24	1630	9.73	2,490
11-01	2300	11.18	4,140	11-02	0120	8.79	1,650	09-24	1635	9.79	2,550
11-01	2305	11.07	4,010	11-02	0125	8.69	1,560	09-24	1640	9.76	2,520
11-01	2310	10.99	3,910	11-02	0130	8.64	1,520	09-24	1645	9.70	2,460
11-01	2315	10.84	3,710	11-02	0145	8.46	1,380	09-24	1650	9.63	2,400
11-01	2320	10.79	3,650	11-02	0200	8.32	1,280	09-24	1655	9.52	2,300
11-01	2325	10.69	3,530	11-02	0215	8.15	1,170	09-24	1700	9.36	2,160
11-01	2330	10.57	3,380					09-24	1705	9.24	2,060
11-01	2335	10.46	3,250	04-03	1300	8.22	1,210	09-24	1710	9.10	1,930
11-01	2340	10.37	3,150	04-03	1305	8.74	1,610	09-24	1715	8.93	1,770
11-01	2345	10.28	3,050	04-03	1310	9.41	2,200	09-24	1720	8.78	1,640
11-01	2350	10.18	2,940	04-03	1315	10.24	3,010				

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 SW$^1/_4$NW$^1/_4$ 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 mi^2 (revised).
PERIOD OF RECORD.--September 1984 to current year (flood hydrograph only).
REVISED RECORDS.--WRD 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 ft^3/s, gage height, 14.21 ft.
EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr. 03	1420	*1,990	*8.32				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1999 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-19	0630	3.26	213	03-19	1230	4.57	575	04-03	1230	3.53	278
03-19	0645	3.42	250	03-19	1300	4.98	699	04-03	1245	4.30	497
03-19	0700	3.70	326	03-19	1330	5.23	780	04-03	1300	5.78	964
03-19	0715	4.17	461	03-19	1400	5.07	728	04-03	1315	6.58	1,250
03-19	0730	4.90	674	03-19	1430	4.59	582	04-03	1330	7.53	1,640
03-19	0745	5.49	865	03-19	1500	4.35	511	04-03	1345	7.71	1,720
03-19	0800	5.68	930	03-19	1530	4.42	531	04-03	1355	7.92	1,810
03-19	0805	6.02	1,050	03-19	1600	4.62	591	04-03	1400	7.98	1,830
03-19	0810	5.93	1,020	03-19	1630	4.37	517	04-03	1405	8.05	1,860
03-19	0815	6.03	1,050	03-19	1700	3.92	397	04-03	1415	7.91	1,800
03-19	0820	6.05	1,060	03-19	1730	3.69	323	04-03	1420	8.32	1,990
03-19	0825	6.13	1,090	03-19	1745	3.66	315	04-03	1425	7.62	1,680
03-19	0830	5.98	1,030	03-19	1800	3.80	357	04-03	1430	7.51	1,630
03-19	0835	5.78	964	03-19	1830	4.06	433	04-03	1445	7.14	1,480
03-19	0845	5.87	996	03-19	1900	4.38	519	04-03	1500	6.68	1,290
03-19	0850	6.04	1,060	03-19	1930	4.63	594	04-03	1515	5.79	968
03-19	0900	5.49	865	03-19	2000	4.59	582	04-03	1530	5.57	892
03-19	0915	5.39	832	03-19	2030	4.39	522	04-03	1545	5.33	813
03-19	0930	5.19	767	03-19	2100	4.04	428	04-03	1600	4.88	668
03-19	0945	4.85	659	03-19	2130	3.64	309	04-03	1630	4.41	528
03-19	1000	4.80	644	03-19	2200	3.34	231	04-03	1700	4.15	456
03-19	1015	4.61	588	03-19	2230	3.20	200	04-03	1730	4.03	425
03-19	1030	4.64	597					04-03	1800	3.77	348
03-19	1045	4.51	557	04-03	1110	3.34	231	04-03	1830	3.49	268
03-19	1100	4.46	543	04-03	1130	3.53	278	04-03	1900	3.34	231
03-19	1130	4.31	500	04-03	1200	3.47	263				
03-19	1200	4.45	540	04-03	1215	3.44	255				

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 2000

Station name and number	Location and drainage area	Period of record	Water year 2000 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.	1990-2000	- - - -	---	<60	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.	1990-2000	- - - -	---	<15	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.	1991-2000	03-19-00	8.18	131	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.	1991-2000	04-04-00	3.90	93	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.	1995-2000	04-03-00	3.39	84	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, 1953-2000	04-14-00	11.16	e279,000	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.	1997-2000	04-03-00	14.59	195	06-28-99	19.00	2,050

e Estimated

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites during water year 2000

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	1999-00	01-04-00 05-18-00 06-05-00 07-06-00 07-02-00 08-08-00 09-07-00	38 8.3 8.2 5.9 4.7 4.3 4.2
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	1964-00	11-08-99 11-08-99 05-15-00 05-15-00	679 705 755 736
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, 1987-00	05-02-00 07-07-00 08-22-00 09-23-00	50 19 15 18
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	1997-00	05-02-00 07-07-00 07-18-00 08-22-00	3.1 .15 .14 .36
02414020 Crooked Creek	Tallapoosa River	Lat 33°16'33", long 85°44'49", in NE 1/4 sec. 19, T. 20 S., R. 9 E., Clay County, Hydrologic Unit 03150109, at bridge on county road, 2 mi south of Lineville.	35.2	1948, 1952-54, 1980, 1988, 2000	08-24-00	2.4
02416035 Sugar Creek	Elkahatche 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, 1987-00	05-02-00 07-07-00 08-22-00	10 8.9 11
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, 1987-00	05-02-00 07-07-00 08-22-00	13 6.1 7.8
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, 1997-00	11-22-99 03-28-00 06-06-00 08-09-00	3.3 12 1.7 1.4
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, Hydrologic Unit 03150202, on State Highway 261 at Helena, 350 ft north of Louisville and Nashville Railroad.	69.9	1984-95, 1998-99	11-26-99 03-29-00 06-07-00 08-09-00	10 89 26 17
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 Parkwood.	44.1	1953, 1955-56. 1961-71†, 1984-95, 1998-00	11-26-00 03-28-00 06-02-00 08-14-00	8.0 49 10 4.4
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	1995-00	07-14-00 07-28-00 09-14-00	.59 .12 .11

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites during water year 2000

Stream	Tributary to	Location	Drainage area (mi^2)	Measurement period of record (water year)	Date	Discharge (ft^3/s)
		Mobile River Basin (continued)				
02449950 Broglan 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	11-23-99 03-24-00 06-05-00 08-07-00	12 339 24 9.5
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, 1998-00	12-06-99 03-07-00 06-08-00 08-10-00	38 260 60 84
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, 1998-00	12-03-99 03-29-00 06-08-00 08-10-00	36 205 88 72
		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‡, 1993-00	01-12-00 06-07-00 08-08-00	12 6.3 5.9
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‡, 1993-00	01-14-00 06-08-00 08-10-00	9.0 6.2 7.4
02479955 Long Branch	Big Creek	Lat 30°48'30", long 88°20'12", in SW$^1/_4$ sec. 1, T. 3 S., R. 4 W., Mobile County, Hydrologic Unit 03170008, 300 ft north of U.S. Highway 98 at logging road, 1.8 mi southeast of Wilmer.	2.85	1990-91‡, 1992, 1994-00	06-06-00 08-10-00	2.9 1.3
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, 1994-00	01-14-00 06-08-00 08-10-00	2.6 1.1 .6

† 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

02441498 TOMBIGBEE RIVER IN COLUMBUS BENDWAY NEAR COLUMBUS, MS

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)
APR											
07...	1300	25.0	0	4	96	100	100	100	100	100	100
07...	1305	50.0	0	1	50	94	100	100	100	100	100
07...	1310	75.0	0	0	9	86	98	99	100	100	100

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
APR						
03...	1555	25.0	24800	694	46500	80
03...	1605	50.0	24800	533	35700	81
03...	1615	75.0	24800	625	41800	82
04...	1205	50.0	27000	442	32200	79
04...	1210	75.0	27000	422	30800	81
05...	1035	25.0	22100	231	13800	--
05...	1040	50.0	22100	201	12000	--
05...	1045	75.0	22100	196	11700	--
07...	1245	75.0	14600	139	5480	72
07...	1250	50.0	14600	108	4260	88
07...	1255	25.0	14600	127	5010	80

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332751088261000 TOMBIGBEE RIVER IN COLUMBUS CUT NEAR COLUMBUS, MS

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)
APR										
07... 1200	25.0	0	0	32	98	100	100	100	100	100
07... 1205	50.0	0	8	23	39	47	47	47	100	100
07... 1210	75.0	0	0	2	10	23	25	32	50	85

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
APR						
03...	1445	50.0	55600	672	101000	75
03...	1450	75.0	55600	604	90700	80
03...	1700	25.0	55600	696	104000	75
04...	1120	25.0	70900	550	105000	67
04...	1121	50.0	70900	511	97800	72
04...	1125	75.0	70900	494	94600	80
05...	1005	25.0	72700	286	56100	--
05...	1008	50.0	72700	218	42800	--
05...	1010	75.0	72700	214	42000	--
07...	1130	25.0	31700	110	9410	83
07...	1135	75.0	31700	101	8640	88

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02470040 TOMBIGBEE RIVER NEAR JACKSON, AL

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
06...	1725	25.0	110000	595	177000
06...	1735	50.0	110000	674	200000
06...	1745	75.0	110000	948	282000
12...	1445	25.0	165000	274	122000
12...	1455	50.0	165000	227	101000
12...	1500	75.0	165000	627	279000

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332030088212200 TOMBIGBEE RIVER IN CUT AT HAIRSTON BEND BELOW COLUMBUS, MS

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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...	1640	25.0	97000	592	155000
04...	1642	50.0	97000	693	181000
04...	1645	75.0	97000	416	109000

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332929088273300 TOMBIGBEE RIVER ABOVE CUT NEAR COLUMBUS, MS

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)
APR										
07... 1340	25.0	0	0	2	5	16	22	31	46	71
07... 1345	50.0	0	6	26	31	31	31	33	40	100
07... 1350	75.0	0	67	100	100	100	100	100	100	100

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
APR				
03...	1700	75.0	616	82
03...	1705	50.0	726	73
03...	1710	25.0	614	79
04...	1230	25.0	504	76
04...	1238	50.0	530	75
04...	1240	75.0	472	79
05...	1110	25.0	198	--
05...	1115	50.0	241	--
05...	1120	75.0	223	--
07...	1320	25.0	68	90
07...	1330	50.0	88	76
07...	1333	75.0	88	83

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAR												
13...	1500	18.7	27.3	775	8.07	11	2.3	10	88	94	10.5	112
APR												
26...	1630	23.0	17.3	E771	8.35	67	10	10	103	107	9.7	113
JUL												
26...	1330	31.1	33.0	769	7.93	11	6.2	30	96	109	7.5	101
SEP												
13...	1545	29.0	26.0	769	8.17	22	5.4	20	102	101	7.5	97

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)
MAR												
13...	--	8.2	7.8	0	37	30	K46	K31	K13	<.1	<.1	2.7
APR												
26...	--	8.1	7.3	0	43	35	E5200	E9300	E10000	6.1	<.1	.66
JUL												
26...	1.0	7.3	7.9	0	50	41	300	65	K32	<.1	<.1	.36
SEP												
13...	1.2	7.2	7.8	0	43	35	2900	K880	1600	<.1	<.1	.75

DATE	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
MAR												
13...	.40	.25	.18	.030	.04	<.010	<.01	--	--	.21	.29	2.4
APR												
26...	.42	.45	.19	.080	.06	<.010	<.01	--	--	.27	.51	.2
JUL												
26...	.30	.25	.19	.050	.05	<.010	<.01	--	--	.24	.30	.1
SEP												
13...	.49	.42	.16	.090	.08	.020	.02	.220	.23	.25	.50	.2

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
MAR												
13...	.190	.05	.04	--	--	11.9	.006	--	.013	.009	<.001	2.7
APR												
26...	.150	.08	.10	--	--	2.9	.021	.037	.063	.023	.012	3.3
JUL												
26...	.060	.06	.06	--	--	1.6	.012	.003	.022	.007	.001	2.9
SEP												
13...	.240	.10	.12	.974	.066	3.3	.018	.003	.031	.009	.001	3.6

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 1999 TO SEPTEMBER 2000

DATE	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)
MAR											
13...	.002	33	2	11.0	1.30	3.8	.3	20	.6	5.9	2.9
APR											
26...	.007	40	5	14.0	1.20	3.8	.3	17	.8	5.1	4.6
JUL											
26...	.004	43	2	15.0	1.40	3.5	.2	15	1.2	6.0	3.6
SEP											
13...	.006	40	5	14.0	1.30	3.1	.2	14	.9	4.2	5.5

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 DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAR											
13...	<.1	3.1	17	570	350	31	27	55	48	1.62	.07
APR											
26...	<.1	2.5	20	850	360	72	44	62	54	11.2	.08
JUL											
26...	<.1	5.2	22	1400	430	72	56	67	61	1.94	.09
SEP											
13...	<.1	4.7	23	1300	570	93	47	63	57	3.81	.09

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAR												
14...	1000	18.9	18.6	775	E1.80	.31	4.6	20	784	695	13.9	E72
APR												
27...	1215	25.8	E27.3	E764	1.74	.18	1.2	20	420	440	--	--
JUL												
24...	1300	34.8	34.0	767	1.94	.19	1.8	30	1230	1370	18.4	256
SEP												
14...	1330	31.8	32.0	769	1.83	.21	1.1	30	1150	1320	15.0	205

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)
MAR												
14...	--	8.3	7.4	1	120	100	7300	4300	K110	2.0	<.1	3.1
APR												
27...	--	8.8	7.9	5	86	78	K13000	K26000	K1100	7.7	<.1	1.2
JUL												
24...	2.5	10.0	10.0	62	36	133	560	510	305	66.0	<.1	1.1
SEP												
14...	4.5	9.6	9.3	0	163	133	1600	K120	2400	<.1	<.1	2.7

DATE	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
MAR												
14...	2.9	.20	.00	2.40	2.40	.100	.14	.390	.35	2.4	2.6	.5
APR												
27...	1.1	.50	.37	.120	.17	.070	.07	.500	.50	.49	.67	.6
JUL												
24...	1.0	.73	.60	.030	.03	.050	.05	.330	.33	.63	.76	.4
SEP												
14...	2.5	1.5	1.3	.690	.71	.030	.03	.460	.46	2.0	2.2	.5

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
MAR												
14...	.490	3.09	3.09	1.73	.329	13.7	1.28	.981	.602	.450	.320	4.4
APR												
27...	.570	.22	.15	2.21	.230	5.5	.662	.454	.308	.185	.148	6.6
JUL												
24...	.380	.04	.04	1.46	.164	5.0	1.10	1.05	.458	.423	.341	7.8
SEP												
14...	.490	.91	.89	2.04	.099	11.9	1.06	.923	.413	.320	.301	5.7

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 1999 TO SEPTEMBER 2000

DATE	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)
MAR											
14...	.416	68	--	24.0	1.90	110	6	77	3.3	140	15.0
APR											
27...	.216	79	1	29.0	1.70	59.0	3	61	3.1	75.0	15.0
JUL											
24...	.360	64	--	23.0	1.70	250	14	89	3.7	340	14.0
SEP											
14...	.346	82	--	29.0	2.30	240	12	86	4.5	300	23.0

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 DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAR											
14...	.6	6.3	360	720	340	22	19	368	368	.31	.50
APR											
27...	.3	5.3	190	690	210	16	12	258	239	.13	.35
JUL											
24...	1.2	7.2	840	240	160	4	3	747	724	.38	1.02
SEP											
14...	1.3	7.6	780	310	120	6	4	699	693	.40	.95

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAR												
14...	1400	24.0	23.4	775	12.39	.21	1.1	5	108	110	11.7	138
APR												
26...	1205	26.4	27.3	764	12.39	.21	1.1	5	99	134	10.6	127
JUL												
24...	1500	35.3	33.4	767	12.37	.18	2.1	5	136	136	11.7	E170
SEP												
13...	1030	28.4	30.0	769	12.40	.42	1.2	10	133	129	15.5	200

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)
MAR												
14...	--	8.4	7.2	1	13	12	8000	5300	K31000	5.2	<.1	--
APR												
26...	--	9.2	8.9	0	22	23	K2500	K1200	K1500	4.9	<.1	.54
JUL												
24...	1.6	9.9	9.6	9	13	26	<1	K20	330	14.0	<.1	.48
SEP												
13...	1.0	9.9	9.1	0	22	27	2600	K35	3800	19.0	<.1	.43

DATE	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
MAR												
14...	--	.45	.32	.020	.03	<.010	<.01	--	--	.34	.48	<.1
APR												
26...	.41	.33	.22	.040	.06	.010	.02	.140	.13	.26	.39	.2
JUL												
24...	.44	.34	.30	.010	.01	<.010	<.01	--	--	.31	.35	.1
SEP												
13...	.34	.37	--	<.010	.01	<.010	<.01	--	--	.29	.38	.1

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
MAR												
14...	<.020	.04	.03	--	--	--	.368	.343	.232	.155	.112	2.7
APR												
26...	.150	.08	.05	.620	.033	2.4	.405	.386	.207	.175	.126	3.0
JUL												
24...	.130	.01	.01	--	--	2.1	.515	.466	.218	.192	.152	3.5
SEP												
13...	.050	.01	--	--	--	1.9	.497	.491	.197	.174	.160	4.2

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 1999 TO SEPTEMBER 2000

DATE	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)
MAR											
14...	.120	32	19	11.0	1.00	5.1	.4	25	1.4	11.0	16.0
APR											
26...	.132	45	27	16.0	1.20	5.7	.4	21	1.6	9.3	20.0
JUL											
24...	.168	42	16	15.0	1.00	7.2	.5	26	1.7	11.0	18.0
SEP											
13...	.162	42	24	15.0	1.00	6.3	.4	24	1.4	9.1	14.0

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 DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAR											
14...	.5	3.4	19	200	150	5	4	68	57	.04	.09
APR											
26...	.4	3.6	19	210	160	4	4	76	70	.04	.10
JUL											
24...	.6	4.1	27	90	80	1	1	91	75	.04	.12
SEP											
13...	.6	3.4	21	190	110	4	1	75	62	.08	.10

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479940 BIG CREEK AT MASON FERRY ROAD NEAR GEORGETOWN, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)
JAN										
11...	0900	13.4	11.4	767	15.34	22	2.7	30	1.1	31
JUN										
06...	0915	21.4	22.3	766	13.74	4.8	1.2	10	.50	28

DATE	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN DISSOLVED (MG/L AS N) (00602)
JAN										
11...	32	7.5	71	5.3	0	0	0	660	620	.46
JUN										
06...	29	7.5	84	5.0	--	4	3	620	490	--

DATE	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
JAN									
11...	.19	.030	.03	<.010	<.01	.22	<.20	.2	.240
JUN									
06...	--	.020	.02	<.010	<.01	<.20	<.20	.7	.650

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN									
11...	.04	.04	.006	.003	<.001	4.9	--	<.001	2
JUN									
06...	.03	.03	.007	.006	<.001	2.4	2.2	<.001	1

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479940 BIG CREEK AT MASON FERRY ROAD NEAR GEORGETOWN, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
AUG 09...	0850	23.4	13.73	4.1	1.1	20	.60	25	29	7.8	5.2	6.5

DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
AUG 09...	2	2	320	290	.020	.02	<.010	<.01	<.20	<.20	.6	.610

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)
AUG 09...	.03	.03	.003	<.002	<.001	2.1	<.001	7	5	1.00	1.00	2.1

DATE	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
AUG 09...	.4	40	.3	4.4	.8	<.1	6.7	<1.0	<1	35	38.0	<1

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
AUG 09...	<1	7	<.5	<.5	<1.0	<1	<2	<2	320	160	<2

DATE	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, DISSOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ANTIMONY, TOTAL (UG/L AS SB) (01097)
AUG 09...	<2	37	29	<1	<1	<1	<1	2	<2	<1	<1.0

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479940 BIG CREEK AT MASON FERRY ROAD NEAR GEORGETOWN, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG											
09...	32	56	<1.0	<1	<.1	<.1	3	15	20	.17	.02

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)
JAN										
11...	1445	14.2	--	--	4.49	5.6	.8	20	1.1	26
JUN										
06...	1330	23.5	28.7	768	3.81	.47	4.8	60	2.0	20

DATE	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)
JAN									
11...	26	8.0	--	4.6	0	0	0	K57	80
JUN									
06...	20	5.8	69	5.2	--	2	2	180	180

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
JAN									
11...	--	.020	.02	<.010	<.01	<.20	<.20	<.1	<.020
JUN									
06...	.41	<.010	.01	<.010	<.01	<.20	.42	<.1	<.020

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN									
11...	.03	.03	<.002	<.002	<.001	5.7	--	<.001	2
JUN									
06...	.01-	--	.013	.005	<.001	5.6	5.0	<.001	15

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
AUG 09...	1450	25.8	3.89	.60	4.4	50	1.7	18	20	6.6	5.3	5.8

DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)
AUG 09...	1	1	940	430	.44	.40	.010	.01	<.010	<.01	<.20	.41

DATE	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
AUG 09...	M	.030	.01	.01	1.9	.030	.004	<.001	5.5	<.001	3	2

DATE	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)
AUG 09...	.60	.40	1.9	.5	55	.2	3.5	.7	<.1	8.3	<1.0	<1

DATE	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)
AUG 09...	18	22.0	<1	<1	8	<.5	<.5	<1.0	<1	<2	<2	1000

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 1999 TO SEPTEMBER 2000

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)
AUG 09...	270	<2	<2	28	25	<1	<1	<1	<1	2	7	<1

DATE	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)	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)
AUG 09...	<1.0	76	244	<1.0	<1	<.1	<.1	17	15	17	.02	.02

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
JAN 12...	0900	14.0	16.1	768	3.2	1.3	10	.70	25	26	8.5	82

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
JAN 12...	5.4	0	1	1	140	67	.020	.02	<.010	<.01	<.20

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN 12...	<.20	.1	.130	.03	.03	.002	.002	<.001	5.1	<.001	3

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
JUN												
07...	0840	19.2	--	769	--	.81	1.2	20	.50	23	24	8.0
AUG												
08...	0850	22.8	25.9	767	13.07	.71	3.1	20	.70	21	23	7.8

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)
JUN												
07...	85	5.4	--	3	2	K110	K130	.050	.04	.010	.01	.370
AUG												
08...	90	4.9	6.5	3	3	540	300	.040	.03	<.010	<.01	--

DATE	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
JUN											
07...	.36	<.20	<.20	.4	.380	.05	.06	1.64	.033	--	.006
AUG											
08...	--	<.20	<.20	.3	.320	.04	.05	--	--	.003	.008

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	SIUM, DISSOLVED (MG/L AS MG) (00925)	MAGNESODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
JUN											
07...	.004	<.001	1.5	1.5	<.001	--	--	--	--	--	--
AUG											
08...	.003	<.001	2.6	--	.001	5	2	.80	.70	2.1	.4

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
JUN											
07...	--	--	--	--	--	--	<1.0	<1	25	27.0	<1
AUG											
08...	46	.3	4.1	.7	<.1	7.5	<1.0	<1	26	28.0	<1

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 1999 TO SEPTEMBER 2000

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
JUN											
07...	<1	--	<.5	<.5	<1.0	<1	<1	<1	490	140	<1
AUG											
08...	<1	8	<.5	<.5	<1.0	<1	<2	<2	700	190	<2

DATE	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, DISSOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ANTIMONY, TOTAL (UG/L AS SB) (01097)
JUN											
07...	<1	63	55	<1	<1	<1	<1	<1	<1	<1	<1.0
AUG											
08...	<2	63	46	<1	<1	<1	<1	3	4	<1	<1.0

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
JUN											
07...	24	59	<1.0	<1	<.1	<.1	2	--	--	--	--
AUG											
08...	33	128	<1.0	<1	<.1	<.1	8	17	19	.03	.02

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)
JAN 12...	1145	15.8	22.9	769	11.89	9.6	1.7	10	.60	29

DATE	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)
JAN 12...	31	9.7	97	6.1	0	3	2	>600	>800

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
JAN 12...	.070	.06	<.010	<.01	<.20	<.20	.7	.670	.08

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN 12...	.09	.058	.046	.031	.019	.015	2.6	.019	3

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
JUN												
07...	1140	19.4	11.53	4.3	3.2	10	.40	28	29	7.9	86	5.6
AUG												
08...	1230	22.6	11.59	4.2	6.7	30	1.0	36	43	7.7	--	6.0

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)
JUN												
07...	--	4	3	180	180	--	--	--	--	.020	.02	<.010
AUG												
08...	6.1	9	7	K2100	K3500	2.2	1.9	.45	.17	.830	.85	<.010

DATE	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
JUN												
07...	<.01	--	<.20	<.20	.9	.920	.03	.03	--	.028	.015	.023
AUG												
08...	.01	.87	1.0	1.3	.9	.870	1.09	1.07	9.6	.417	.319	.166

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
JUN											
07...	.007	.005	1.1	1.0	.009	--	--	--	--	--	--
AUG											
08...	.102	.104	3.2	--	.136	8	1	1.20	1.20	2.2	.3

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
JUN											
07...	--	--	--	--	--	--	<1.0	<1	38	41.0	<1
AUG											
08...	32	1.7	4.7	.6	<.1	6.9	<1.0	<1	35	43.0	<1

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 1999 TO SEPTEMBER 2000

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
JUN 07...	<1	--	<.5	<.5	<1.0	<1	<1	<1	490	140	<1
AUG 08...	<1	8	<.5	<.5	<1.0	<1	<2	<2	460	150	<2

DATE	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, DISSOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ANTIMONY, TOTAL (UG/L AS SB) (01097)
JUN 07...	<1	55	26	<1	<1	<1	<1	1	2	<1	<1.0
AUG 08...	<2	42	32	<1	<1	<1	<1	2	3	<1	<1.0

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
JUN 07...	21	111	<1.0	<1	<.1	<.1	8	--	--	--	--
AUG 08...	24	119	<1.0	<1	<.1	<.1	6	25	28	.29	.03

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 1999 TO SEPTEMBER 2000

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)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
JAN 12...	1545	16.2	22.0	768	.60	12	2.3	20	.60	30

DATE	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)	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)
JAN 12...	31	8.4	85	6.1	0	5	4	>600	>800

DATE	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)	NITRO-GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
JAN 12...	.030	.03	<.010	<.01	<.20	<.20	.6	.540	.04

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	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)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)
JAN 12...	.04	.037	.025	.021	.010	.008	5.0	.012	5

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)
JUN											
07...	1500	20.7	24.7	768	.17	6.3	2.0	<5	.50	28	29
AUG											
08...	1615	23.9	--	--	.13	5.9	3.5	20	.60	26	30

DATE	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)
JUN											
07...	--	6.1	6.5	5	4	K160	K120	<.010	<.01	<.010	<.01
AUG											
08...	8.6	6.0	6.9	5	4	370	240	.040	.03	<.010	<.01

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
JUN											
07...	<.20	<.20	.6	.650	--	--	.012	.003	.014	.008	.001
AUG											
08...	<.20	<.20	.7	.690	.04	.05	.080	.058	.037	.023	.019

DATE	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
JUN											
07...	1.1	1.0	.004	7	3	1.30	.90	2.0	.3	37	.4
AUG											
08...	1.6	--	.026	7	3	1.30	1.00	2.0	.3	35	.5

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)
JUN											
07...	4.2	.4	<.1	6.7	<1.0	<1	32	34.0	<1	<1	7
AUG											
08...	4.2	.4	<.1	6.8	<1.0	<1	29	33.0	<1	<1	7

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 1999 TO SEPTEMBER 2000

DATE	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)	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)
JUN											
07...	<.5	<.5	<1.0	<1	<1	<1	360	140	<1	<1	27
AUG											
08...	<.5	<.5	<1.0	<1	<2	<2	380	150	<2	<2	26

DATE	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)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)
JUN										
07...	11	<1	<1	<1	<1	<1	4	<1	<1.0	23
AUG										
08...	10	<1	<1	<1	<1	2	7	<1	<1.0	23

DATE	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)	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)
JUN										
07...	73	<1.0	<1	<.1	<.1	2	24	21	.41	.03
AUG										
08...	89	<1.0	<1	<.1	<.1	5	17	22	.27	.02

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
JAN												
14...	0850	13.1	8.5	782	3.74	9.0	2.4	20	.60	24	26	8.6
JUN												
08...	1235	22.5	--	--	--	6.2	4.0	30	.60	24	26	8.0

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
JAN												
14...	80	6.3	0	4	4	470	380	.030	.02	<.010	<.01	<.20
JUN												
08...	--	6.1	0	6	5	280	170	.020	.01	<.010	<.01	<.20

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN												
14...	<.20	.2	.190	.03	.04	.006	.003	<.001	2.1	--	<.001	5
JUN												
08...	<.20	.1	.120	.01	.03	.009	.003	<.001	2.1	1.9	<.001	8

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
AUG 10...	1415	25.6	4.12	7.4	4.3	40	.70	23	27	8.0	5.4	7.0

DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
AUG 10...	6	5	920	460	<.010	<.01	<.010	<.01	<.20	<.20	.1	.110

DATE	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
AUG 10...	.012	<.002	<.001	1.8	<.001	6	2	1.60	.60	2.2	.4

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
AUG 10...	41	.3	3.8	.9	<.1	6.4	<1.0	<1	19	21.0	<1

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
AUG 10...	<1	9	<.5	<.5	<1.0	<1	<2	<2	840	340	<2

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 1999 TO SEPTEMBER 2000

DATE	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)
AUG 10...	<2	36	30	<1	<1	<1	<1	<2	<2	<1	<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)	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)
AUG 10...	29	127	<1.0	<1	<.1	<.1	5	21	20	.42	.03

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479955 LONG BRANCH NEAR WILMER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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-SPE-COLOR TUR-BID-ITY (NTU) (00076)	CIFIC CIFIC (PLAT-INUM-COBALT UNITS) (00080)	CON-TANNIN AND LIGNIN (MG/L) (32240)	CON-DUCT-ANCE (US/CM) (00095)	DUCT-ANCE LAB (US/CM) (90095)	OXYGEN, DIS-SOLVED (MG/L) (00300)
JUN 06...	1530	24.5	27.9	766	2.9	13	40	1.0	53	56	7.6

DATE	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	CARBON DIOXIDE DIS-SOLVED (MG/L AS CO2) (00405)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)
JUN 06...	92	6.0	22	11	0	14	12	K890	690	.60	.30

DATE	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)	NITRO-GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)
JUN 06...	.020	.02	<.010	<.01	<.20	.32	.3	.270	.03	.03

DATE	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)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)
JUN 06...	2.7	.046	.003	.032	.008	.001	3.2	3.2	.015	16

DATE	TIME	TEMPER-ATURE WATER (DEG C) (00010)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	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)	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)
AUG 10...	1210	29.4	1.3	20	50	1.3	43	50	8.1	6.5	7.2	15

DATE	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	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)	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)
AUG 10...	12	900	580	.39	.16	.040	.04	<.010	<.01	<.20	.20	.2

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479955 LONG BRANCH NEAR WILMER, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
AUG 10...	.180	.05	.05	1.7	.025	.015	<.002	<.001	2.6	.008	15	3

DATE	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)
AUG 10...	4.20	1.20	2.5	.3	24	1.1	5.0	1.3	<.1	5.9	<1.0	<1

DATE	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)
AUG 10...	35	44.0	<1	<1	13	<.5	<.5	<1.0	<1	<2	<2	1700

DATE	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SILVER, DISSOLVED (UG/L AS AG) (01075)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
AUG 10...	440	<2	<2	69	49	<1	<1	<1	<1	<2	2	<1

DATE	ANTIMONY, TOTAL (UG/L AS SB) (01097)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SELENIUM, TOTAL (UG/L AS SE) (01147)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG 10...	<1.0	22	339	<1.0	<1	<.1	<.1	18	40	30	.14	.05

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TRANSPARENCY (SECCHI DISK) (M) (00078)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
JAN												
20...	1550	16.4	14.1	767	1.72	28	--	7.9	80	6.3	--	--
APR												
05...	0930	--	--	--	--	25	29	--	--	6.4	--	--
JUN												
13...	1500	--	30.2	--	--	28	27	--	--	8.2	7	5

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
JAN												
20...	80	100	3.0	<.1	.61	--	.24	.020	.02	<.010	<.01	<.20
APR												
05...	--	--	<.1	<.1	--	--	--	.020	.04	<.010	<.01	<.20
JUN												
13...	50	50	5.1	<.1	.64	.67	.34	<.010	.01	<.010	<.01	.38

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)
JAN												
20...	.26	.3	.350	.03	.03	2.7	.006	.003	.011	.004	.001	.002
APR												
05...	<.20	.3	.250	.05	.03	--	.009	.006	.003	.002	.002	.003
JUN												
13...	.35	.3	.290	.01	--	2.8	--	--	.014	.005	<.001	<.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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)
AUG 31...	0815	25.9	34.0	681	29	30	6.2	85	6.2	6.6	6

DATE	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)
AUG 31...	5	K6	K3	<.1	<.1	.68	.25	.040	.05	<.010	<.01

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)
AUG 31...	<.20	.30	.4	.380	.06	.05	3.0	.043	.018	.027	.027

DATE	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
AUG 31...	.006	.014	7	3	1.50	.90	2.1	.3	36	.6	4.2

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	BORON, DISSOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG 31...	.4	<.1	6.4	8	800	270	56	46	26	21	.04

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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
JAN								
20...	1551	50.0	1.00	16.4	28	7.9	--	--
20...	1552	50.0	5.00	16.2	30	8.0	--	--
20...	1555	50.0	10.0	16.2	31	8.0	--	--
20...	1556	25.0	1.00	16.3	27	8.1	--	--
20...	1557	25.0	5.00	16.4	27	8.3	--	--
20...	1600	75.0	1.00	16.2	29	8.0	--	--
20...	1601	75.0	5.00	16.3	30	8.0	--	--
20...	1603	75.0	10.0	16.1	30	7.9	--	--
APR								
05...	0900	25.0	1.00	17.5	28	7.6	6.2	3
05...	0901	25.0	5.00	17.0	27	7.8	6.4	4
05...	0910	50.0	1.00	17.7	25	7.4	6.1	3
05...	0911	50.0	5.00	16.9	27	7.4	6.0	3
05...	0912	50.0	10.0	16.1	33	7.7	6.1	5
05...	0920	75.0	1.00	17.7	25	7.5	6.1	3
05...	0921	75.0	2.00	17.1	25	7.3	6.1	3
JUN								
13...	1515	50.0	1.00	28.7	29	8.2	6.7	--
13...	1516	50.0	5.00	27.6	27	8.2	6.6	--
13...	1525	75.0	1.00	28.9	28	8.2	6.6	--
13...	1526	75.0	3.00	28.2	28	8.1	6.6	13
13...	1530	25.0	1.00	28.9	28	8.3	6.7	43
13...	1531	25.0	4.00	27.8	28	8.3	6.7	11
AUG								
31...	0800	25.0	1.00	26.0	28	6.5	6.1	18
31...	0807	50.0	.50	26.1	29	6.1	6.2	13
31...	0806	50.0	3.00	25.9	29	6.2	6.1	14
31...	0805	50.0	6.50	25.7	28	6.2	6.1	19

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)
JAN 14...	1135	12.3	10.2	781	2.29	2.6	1.6	40	.90	30
JUN 08...	0910	20.6	29.2	771	1.91	1.1	4.3	70	.90	32

DATE	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
JAN 14...	31	9.1	83	6.0	0	3	2	110	K38	.020
JUN 08...	32	5.8	64	5.5	--	6	5	--	--	.020

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)
JAN 14...	.03	<.010	<.01	<.20	<.20	.1	.120	.04	.03
JUN 08...	.02	<.010	<.01	<.20	<.20	.1	.090	.03	.03

DATE	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN 14...	--	--	.008	.004	<.001	3.0	--	<.001	4
JUN 08...	.006	.003	.016	.007	.001	4.3	3.6	.002	8

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
AUG 10...	0900	25.5	1.88	.60	3.8	50	.90	31	35	5.0	5.3	6.9

DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)
AUG 10...	5	4	560	110	.27	.22	<.010	.01	<.010	<.01	<.20	.23

DATE	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
AUG 10...	M	.040	.01	1.2	.006	.016	<.002	<.001	3.4	.002	8	4

DATE	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)
AUG 10...	1.30	1.20	2.6	.4	38	.8	5.6	1.2	<.1	8.9	<1.0	<1

DATE	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)
AUG 10...	31	33.0	<1	<1	9	<.5	<.5	<1.0	<1	<2	<2	1800

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 1999 TO SEPTEMBER 2000

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)
AUG 10...	430	<2	<2	120	98	<1	<1	<1	<1	3	3	<1

DATE	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)	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)
AUG 10...	<1.0	35	120	<1.0	<1	<.1	<.1	5	27	25	.04	.04

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TRANSPARENCY (SECCHI DISK) (M) (00078)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)
JAN												
19...	1045	16.0	766	2.48	27	--	10.4	105	5.8	--	--	K3
APR												
06...	0955	--	--	--	--	31	--	--	6.4	--	--	--
JUN												
15...	1020	--	--	--	30	30	--	--	6.8	8	6	E3

DATE	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
JAN												
19...	K2	3.5	<.1	--	--	--	--	.020	.03	<.010	<.01	<.20
APR												
06...	--	5.8	<.1	.40	.36	.27	.24	.050	.06	<.010	<.01	.29
JUN												
15...	E5	6.4	<.1	--	--	.37	.24	.080	.08	<.010	.01	.32

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)
JAN											
19...	<.20	.2	.150	.04	.03	--	--	.007	.004	<.001	<.001
APR											
06...	.33	.1	.070	.08	.06	1.8	.003	.002	<.002	<.001	.001
JUN											
15...	.45	<.1	<.020	.10	.10	--	.006	.010	.003	<.001	.002

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 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	TEMPERATURE WATER (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (M) (00078)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)
AUG											
28...	1600	6.00	31.3	1.60	30	32	7.7	--	6.5	7.1	6
28...	1620	16.0	29.7	--	37	37	1.6	1	6.3	7.3	--

DATE	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)
AUG											
28...	5	0	0	<.1	<.1	--	--	<.010	<.01	<.010	<.01
28...	--	--	--	--	--	.27	.10	.200	.21	<.010	<.01

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)
AUG											
28...	<.20	.31	<.1	<.020	--	--	.006	.012	.002	<.001	.002
28...	.28	.48	<.1	<.020	.27	.26	--	.009	.002	<.001	<.001

DATE	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
AUG										
28...	8	2	1.70	.80	2.3	.4	38	.6	4.3	1.7
28...	9	--	2.10	.90	2.3	.3	34	.7	4.2	1.5

DATE	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	BORON, DISSOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG										
28...	<.1	2.8	12	200	50	44	<1	22	17	.03
28...	<.1	3.7	11	2300	730	560	540	27	--	--

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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
JAN								
19...	1040	25.0	1.00	16.0	27	10.3	5.7	--
19...	1041	25.0	3.28	16.0	27	10.3	5.6	--
19...	1042	25.0	6.56	15.9	27	10.3	5.6	--
19...	1043	25.0	9.84	15.5	27	10.2	5.6	--
19...	1044	25.0	19.7	14.6	27	9.1	5.6	--
19...	1050	50.0	1.00	16.0	27	10.4	5.8	--
19...	1051	50.0	3.28	15.9	27	10.3	5.9	--
19...	1052	50.0	6.56	15.6	27	10.3	6.0	--
19...	1053	50.0	9.84	15.5	27	10.2	5.9	--
19...	1054	50.0	13.1	15.1	27	10.2	5.9	--
19...	1055	50.0	16.4	14.7	27	9.9	5.9	--
19...	1056	50.0	19.7	14.5	27	9.3	5.7	--
19...	1057	50.0	23.0	14.5	27	9.2	5.6	--
19...	1100	75.0	1.00	16.2	27	10.3	6.0	--
19...	1101	75.0	3.28	15.9	27	10.3	6.1	--
19...	1102	75.0	6.56	15.6	27	10.1	6.1	--
19...	1103	75.0	9.84	15.3	27	10.0	6.1	--
19...	1104	75.0	13.1	14.8	27	9.4	5.9	--
19...	1105	75.0	16.4	14.5	27	9.1	5.8	--
APR								
06...	0915	75.0	1.00	20.8	28	8.1	6.7	1
06...	0916	75.0	10.0	20.7	28	8.0	6.6	1
06...	0917	75.0	15.0	20.7	28	8.0	6.5	1
06...	0920	50.0	1.00	20.9	28	8.1	6.4	6
06...	0921	50.0	5.00	20.8	28	8.0	6.4	1
06...	0922	50.0	10.0	20.8	28	7.9	6.4	1
06...	0923	50.0	15.0	20.7	28	7.8	6.5	1
06...	0924	50.0	20.0	20.8	28	8.1	6.6	1
06...	0925	50.0	25.0	20.5	29	6.5	6.4	1
06...	0926	50.0	30.0	20.3	29	5.8	6.2	1
06...	0940	25.0	1.00	21.0	28	8.0	6.4	1
06...	0941	25.0	5.00	20.9	28	7.9	6.4	1
06...	0942	25.0	10.0	20.8	28	7.9	6.4	1
06...	0943	25.0	15.0	20.7	28	7.9	6.4	1
JUN								
15...	1000	75.0	1.00	29.8	30	7.7	7.2	5
15...	1001	75.0	5.00	29.8	30	7.7	7.1	4
15...	1002	75.0	10.0	29.8	30	7.6	7.0	4
15...	1003	75.0	13.0	29.8	30	7.6	7.0	4
15...	1010	50.0	1.00	29.9	30	7.7	7.1	4
15...	1011	50.0	5.00	29.9	30	7.7	7.1	5
15...	1012	50.0	10.0	29.9	30	7.7	7.0	4
15...	1013	50.0	15.0	29.9	30	7.6	6.9	4
15...	1014	50.0	20.0	29.5	30	6.4	6.8	6
15...	1015	50.0	25.0	29.0	30	4.6	6.5	7
15...	1016	50.0	30.0	26.3	41	.3	6.2	5
15...	1017	50.0	35.0	24.9	52	.2	6.2	2
15...	1021	25.0	1.00	29.9	30	7.6	6.6	4
15...	1022	25.0	5.00	29.9	30	7.5	6.7	5
15...	1023	25.0	10.0	29.9	30	7.4	6.7	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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
AUG								
28...	1435	83.3	1.00	32.2	30	8.2	6.8	2
28...	1436	83.3	6.00	31.3	30	8.0	6.7	4
28...	1437	83.3	11.0	30.8	31	6.0	6.5	3
28...	1438	83.3	14.5	29.7	35	1.1	6.4	4
28...	1445	66.7	1.00	32.1	30	7.6	6.6	3
28...	1446	66.7	6.00	31.2	30	7.7	6.6	3
28...	1447	66.7	11.0	30.9	30	7.2	6.5	3
28...	1448	66.7	16.0	29.7	32	.5	6.1	4
28...	1500	50.0	1.00	32.6	31	7.9	6.4	3
28...	1501	50.0	6.00	31.2	30	7.6	6.6	3
28...	1502	50.0	11.0	30.8	30	7.3	6.4	3
28...	1503	50.0	16.0	29.4	37	.6	6.1	3
28...	1510	33.3	1.00	32.4	31	7.6	6.5	3
28...	1511	33.3	6.00	31.1	30	7.3	6.7	3
28...	1512	33.3	11.0	30.8	30	7.1	6.5	3
28...	1513	33.3	16.0	29.4	37	.4	6.3	3
28...	1514	33.3	21.0	27.0	57	.3	6.3	8
28...	1525	16.7	1.00	32.5	31	7.4	6.7	3
28...	1526	16.7	6.00	31.0	30	7.2	6.7	3
28...	1527	16.7	11.0	30.8	30	7.0	6.6	3
28...	1528	16.7	15.0	29.7	33	.4	5.9	4

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)
JAN 10...	1630	16.6	18.6	762	10.06	12	8.3	40	1.1	55	58

DATE	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)
JAN 10...	6.7	69	6.9	0	16	13	640	440	.57	.34	.42

DATE	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
JAN 10...	.22	.030	.06	<.010	<.01	.25	.48	.1	.090	.08

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN 10...	.04	2.5	.046	.012	.051	.016	.004	3.8	.015	7

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
JUN												
05...	1630	23.7	23.2	763	10.09	9.0	14	20	1.5	--	48	--
AUG												
07...	1730	27.3	--	766	9.09	1.4	3.1	50	.90	58	65	5.1

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)
JUN												
05...	--	N6.0	--	12	15	12	2600	2300	.68	.35	.49	.16
AUG												
07...	64	6.5	7.6	--	27	22	140	130	.46	.42	.32	.27

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)
JUN												
05...	.050	<.01	<.010	<.01	.21	.54	.1	.140	--	.06	3.0	.064
AUG												
07...	.040	.03	<.010	<.01	.31	.35	.1	.110	.04	.05	2.0	.040

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
JUN												
05...	.018	.077	.015	.006	6.3	6.0	.021	--	--	--	--	--
AUG												
07...	.012	.034	.013	.004	4.7	--	.013	22	6.70	1.30	2.6	.2

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
JUN											
05...	--	--	--	--	--	--	<1.0	2	21	26.0	<1
AUG											
07...	18	2.5	4.3	1.7	<.1	5.9	<1.0	1	19	21.0	<1

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 1999 TO SEPTEMBER 2000

DATE	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	BORON, DIS-SOLVED (UG/L AS B) (01020)	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)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
JUN											
05...	<1	--	<.5	<.5	<1.0	<1	<1	<1	2600	560	<1
AUG											
07...	<1	14	<.5	<.5	<1.0	<1	<2	<2	1200	350	<2

DATE	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)
JUN											
05...	<1	270	120	<1	<1	<1	<1	2	5	<1	<1.0
AUG											
07...	<2	75	55	<1	<1	<1	<1	2	<2	<1	<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)	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)
JUN											
05...	28	288	<1.0	<1	<.1	<.1	20	--	--	--	--
AUG											
07...	12	54	<1.0	<1	<.1	<.1	5	41	39	.16	.06

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02479985 CROOKED CREEK AT MOUTH NEAR WILMER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)
JUN									
15...	0840	27.1	766	31	7.0	E3	E3	4.9	<.1

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
JUN								
15...	0825	75.0	1.00	30.1	31	7.4	7.3	6
15...	0826	75.0	5.00	29.7	31	6.8	7.1	--
15...	0841	50.0	1.00	30.1	31	7.3	7.1	6
15...	0842	50.0	5.00	30.1	31	7.2	7.1	6
15...	0843	50.0	10.0	30.0	31	6.6	6.9	7
15...	0845	25.0	1.00	30.1	31	7.4	6.9	8
15...	0846	25.0	5.00	30.1	31	7.3	6.9	7

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPER-ATURE WATER (DEG C) (00010)	TEMPER-ATURE AIR (DEG C) (00020)	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)	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)
JAN												
19...	1515	15.4	21.0	2.28	27	--	10.5	5.8	--	--	K8	K8
APR												
05...	1645	--	--	--	--	31	--	--	--	--	--	--
JUN												
14...	1500	--	--	--	30	30	--	6.7	7	5	>0	>0

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)
JAN											
19...	3.2	<.1	.35	--	.19	--	.030	.03	<.010	<.01	<.20
APR											
05...	4.2	<.1	--	.50	--	.41	.040	.03	<.010	<.01	.45
JUN											
14...	5.4	<.1	--	--	.32	.20	.030	.03	<.010	<.01	.23

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)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)
JAN											
19...	.22	.1	.130	.04	.04	1.5	--	.005	.002	<.001	<.001
APR											
05...	<.20	.1	.050	.04	.05	--	--	.002	<.002	<.001	<.001
JUN											
14...	.35	<.1	<.020	.04	.04	--	.006	.009	.003	<.001	.002

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 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	TEMPERATURE WATER (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (M) (00078)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
AUG											
29...	1105	6.00	30.9	2.03	30	32	7.4	6.7	7.1	13	11
29...	1015	20.0	27.6	--	46	41	.3	6.6	7.3	18	14

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)
AUG										
29...	<4	<1	4.7	<.1	--	--	<.010	<.01	<.010	<.01
29...	--	--	--	--	.30	.14	.500	.49	<.010	<.01

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
AUG										
29...	<.20	.29	<.1	<.020	--	--	--	.009	.004	<.001
29...	.64	.79	<.1	<.020	.63	.64	.006	.009	.004	<.001

DATE	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
AUG										
29...	<.001	8	1.70	.80	2.3	.4	38	.6	4.3	1.7
29...	.002	10	2.40	.90	2.3	.3	32	.7	4.2	1.1

DATE	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	BORON, DISSOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG										
29...	<.1	2.6	11	150	40	46	<1	21	21	.03
29...	<.1	3.7	10	5500	4600	830	800	34	30	.05

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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
JAN							
19...	1445	75.0	1.00	15.4	27	10.5	5.4
19...	1446	75.0	3.28	15.4	27	10.4	5.3
19...	1447	75.0	6.56	15.2	27	10.4	5.4
19...	1448	75.0	9.84	15.1	27	10.3	5.4
19...	1449	75.0	13.1	15.1	27	10.3	5.4
19...	1450	75.0	16.4	14.7	27	10.2	5.5
19...	1451	75.0	19.7	14.6	28	10.2	5.5
19...	1452	75.0	23.0	14.4	27	9.8	5.5
19...	1453	75.0	26.2	14.3	27	9.7	5.4
19...	1454	75.0	29.5	14.3	30	7.8	5.3
19...	1500	50.0	1.00	15.4	27	10.6	5.8
19...	1501	50.0	3.28	15.4	27	10.3	5.8
19...	1502	50.0	6.56	15.3	27	10.3	5.8
19...	1503	50.0	9.84	15.2	27	10.2	5.8
19...	1504	50.0	13.1	14.9	27	10.2	5.8
19...	1505	50.0	16.4	14.6	27	10.1	5.8
19...	1506	50.0	19.7	14.5	27	9.9	5.7
19...	1507	50.0	23.0	14.4	26	9.7	5.7
19...	1508	50.0	26.2	14.3	28	9.7	5.6
19...	1509	50.0	29.5	14.2	26	4.6	5.3
19...	1510	25.0	1.00	15.5	27	10.3	5.9
19...	1511	25.0	3.28	15.4	27	10.3	6.0
19...	1512	25.0	6.56	15.4	27	10.3	6.0
19...	1513	25.0	9.84	15.4	27	10.3	6.0
19...	1514	25.0	13.1	15.3	27	10.2	6.0
19...	1516	25.0	16.4	15.3	27	10.3	6.0
19...	1517	25.0	19.7	14.8	27	10.1	6.1
19...	1518	25.0	23.0	14.5	26	9.9	5.9
19...	1519	25.0	26.2	14.4	28	9.7	5.8
19...	1520	25.0	29.5	14.3	27	9.5	5.7
19...	1521	25.0	32.8	14.2	27	9.4	5.7

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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
APR								
05...	1646	75.0	1.00	21.8	28	8.7	6.6	0
05...	1647	75.0	5.00	21.3	29	8.5	6.6	0
05...	1648	75.0	10.0	20.8	28	8.2	6.6	0
05...	1649	75.0	15.0	20.7	28	8.0	6.6	1
05...	1650	75.0	20.0	20.6	28	7.9	6.5	1
05...	1651	75.0	25.0	20.5	28	7.8	6.4	1
05...	1652	75.0	30.0	20.0	29	7.4	6.3	3
05...	1700	50.0	1.00	21.4	28	8.3	6.5	1
05...	1701	50.0	5.00	21.4	27	8.4	6.5	0
05...	1702	50.0	10.0	21.3	27	8.3	6.6	1
05...	1703	50.0	15.0	20.8	28	8.1	6.5	1
05...	1704	50.0	20.0	20.7	28	8.0	6.5	0
05...	1705	50.0	25.0	20.4	28	7.9	6.5	1
05...	1710	25.0	1.00	21.6	28	8.4	6.5	0
05...	1711	25.0	5.00	21.6	28	8.4	6.6	0
05...	1712	25.0	10.0	21.3	28	8.3	6.6	0
05...	1713	25.0	15.0	20.8	28	8.2	6.6	0
05...	1714	25.0	20.0	20.7	28	8.0	6.6	0
05...	1715	25.0	25.0	20.6	28	7.9	6.6	1
05...	1716	25.0	30.0	20.4	28	7.6	6.5	1
05...	1717	25.0	35.0	19.7	28	6.0	6.2	2
05...	1718	25.0	40.0	19.4	29	5.6	6.1	2
JUN								
14...	1513	75.0	1.00	26.7	30	8.4	7.3	3
14...	1514	75.0	5.00	29.7	30	8.4	7.2	3
14...	1515	75.0	10.0	29.5	30	8.4	7.1	3
14...	1516	75.0	15.0	29.2	30	7.3	7.0	4
14...	1525	50.0	1.00	29.9	30	8.7	7.1	2
14...	1526	50.0	5.00	29.7	30	8.4	7.2	3
14...	1527	50.0	10.0	29.3	30	8.3	7.2	3
14...	1528	50.0	15.0	28.9	30	8.2	7.1	4
14...	1529	50.0	20.0	28.4	30	7.4	7.0	3
14...	1530	50.0	25.0	27.8	31	3.8	6.7	3
14...	1531	50.0	30.0	26.2	32	1.2	6.4	2
14...	1532	50.0	35.0	24.5	40	.3	6.1	3
14...	1533	50.0	40.0	23.7	44	.2	5.9	1
14...	1534	50.0	45.0	23.4	46	.2	5.9	1
14...	1545	25.0	1.00	30.1	30	8.4	6.4	4
14...	1546	25.0	5.00	29.6	30	8.5	6.6	3
14...	1547	25.0	10.0	29.4	30	8.4	6.7	3
14...	1548	25.0	15.0	29.2	30	8.3	6.8	3
14...	1549	25.0	20.0	28.3	30	6.9	6.7	4
AUG								
29...	0935	75.0	1.00	30.9	30	7.9	6.7	2
29...	0936	75.0	6.00	30.9	30	7.6	6.7	2
29...	0937	75.0	11.0	30.7	30	7.4	6.4	2
29...	0938	75.0	16.0	29.9	31	6.4	6.5	2
29...	0945	50.0	1.00	31.0	30	7.4	6.6	2
29...	0946	50.0	6.00	31.0	30	7.4	6.8	2
29...	0947	50.0	11.0	30.8	30	7.3	6.7	2
29...	0948	50.0	16.0	29.9	31	4.6	6.4	3
29...	0949	50.0	21.0	27.1	45	.3	6.2	3
29...	0950	50.0	26.0	25.7	60	.2	6.4	5
29...	1000	25.0	1.00	31.0	30	7.2	6.6	2
29...	1001	25.0	6.00	30.8	30	7.2	6.8	2
29...	1002	25.0	11.0	30.8	30	7.2	6.8	2
29...	1003	25.0	16.0	29.9	31	3.5	6.3	3
29...	1004	25.0	21.0	28.0	43	.2	6.2	2
29...	1005	25.0	26.0	26.0	58	.2	6.4	4
29...	1006	25.0	31.0	24.5	66	.2	6.5	5

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0248000050 UNNAMED TRIBUTARY TO HAMILTON CREEK AT FIRETOWER ROAD NEAR SEMMES, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)
JAN											
13...	0930	16.3	20.1	770	12.76	4.1	3.3	30	.90	38	40
JUN											
15...	1630	24.5	--	763	12.85	5.1	2.9	50	1.1	33	34

DATE	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)
JAN											
13...	7.0	71	6.3	0	9	7	140	120	.42	--	.20
JUN											
15...	4.7	56	5.9	--	11	9	>1200	>1600	.46	.39	.40

DATE	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)
JAN											
13...	--	--	.04	<.010	<.01	<.20	.24	.2	<.020	.05	--
JUN											
15...	.32	.010	.02	<.010	<.01	.33	.42	M	.060	.03	.01

DATE	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN										
13...	1.9	.006	.003	.012	.003	.001	2.7	--	.002	3
JUN										
15...	2.0	.021	.009	.024	.009	.003	3.0	2.8	.007	6

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0248000050 UNNAMED TRIBUTARY TO HAMILTON CREEK AT FIRETOWER ROAD NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)
AUG 02...	0830	24.4	25.0	766	12.74	4.2	3.4	50	1.0	46	46

DATE	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
AUG 02...	4.3	51	6.3	7.0	16	13	840	420	.40	.27	.040

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)
AUG 02...	.03	<.010	<.01	<.20	.30	.1	.090	.04	.05	1.8	.018

DATE	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
AUG 02...	.029	.008	<.001	2.8	2.6	.006	13	3.70	.90	3.0	.4

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
AUG 02...	31	1.3	4.4	1.9	<.1	5.5	<1.0	1	21	22.0	<1

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
AUG 02...	<1	13	<.5	<.5	<1.0	<1	<2	<2	970	350	<2

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

0248000050 UNNAMED TRIBUTARY TO HAMILTON CREEK AT FIRETOWER ROAD NEAR SEMMES, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	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)
AUG 02...	<2	44	28	<1	<1	<1	<1	2	2	<1	<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)	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)
AUG 02...	31	88	<1.0	1	<.1	<.1	4	26	29	.29	.04

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)
JAN 13...	1325	18.0	22.8	769	11.69	6.2	2.8	30	.70	33	34
JUN 15...	1805	24.0	26.6	--	--	7.1	3.0	50	1.0	30	31

DATE	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)
JAN 13...	7.2	75	6.2	0	7	6	120	240	.39	--	.18
JUN 15...	5.9	70	6.2	--	8	7	760	900	.37	.32	.30

DATE	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)
JAN 13...	--	.040	.03	<.010	<.01	<.20	.21	.2	.180	.04
JUN 15...	.24	.020	.01	<.010	<.01	.26	.31	.1	.060	.01

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN 13...	.05	1.7	.003	.008	.003	<.001	2.8	--	.001	4
JUN 15...	.03	1.6	.003	.019	.006	<.001	2.6	2.3	.001	4

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
AUG 02...	1130	24.0	5.8	2.9	40	.90	40	39	5.3	61	6.5	6.8

DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
AUG 02...	10	8	530	K200	.030	.03	<.010	<.01	<.20	<.20	.1	.110

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)
AUG 02...	.04	.04	.012	.020	.007	<.001	3.1	3.0	.004	10	2	2.70

DATE	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
AUG 02...	.80	2.5	.3	33	.9	4.3	1.6	<.1	6.0	<1.0	<1	21

DATE	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, DISSOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)
AUG 02...	22.0	<1	<1	13	<.5	<.5	<1.0	<1	<2	<2	990	360

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 1999 TO SEPTEMBER 2000

DATE	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)
AUG 02...	<2	<2	39	30	<1	<1	<1	<1	2	2	<1	<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)	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)
AUG 02...	26	82	<1.0	<1	<.1	<.1	2	35	25	.55	.05

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TRANSPARENCY (SECCHI DISK) (M) (00078)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)
JAN												
20...	1030	16.6	3.18	31	--	9.6	6.2	--	--	34	K20	<.1
APR												
05...	1325	--	--	34	38	--	6.8	--	--	--	--	4.9
JUN												
14...	1000	--	--	33	32	--	6.7	7	6	E4	E4	--

DATE	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)
JAN												
20...	<.1	.54	.53	.26	.25	.020	.02	<.010	<.01	--	.27	.28
APR												
05...	<.1	.57	.61	.36	.42	.020	.04	<.010	<.01	--	.44	.40
JUN												
14...	--	.50	.27	.41	.19	.030	.04	<.010	.01	.04	.22	.45

DATE	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)
JAN											
20...	.3	.260	.03	.03	2.4	--	--	.006	.003	<.001	<.001
APR											
05...	.2	.170	.05	.03	2.5	.012	--	.002	<.002	<.001	.004
JUN											
14...	.1	.050	.05	.04	2.2	.006	.003	.009	.003	.001	.002

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)
AUG 30...	1400	31.5	36.0	32	34	6.9	6.4	6.9	6	5	<4	<1

DATE	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)
AUG 30...	<.1	<.1	<.010	<.01	<.010	<.01	<.20	<.20	.1	.120	.010	.003

DATE	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
AUG 30...	<.001	<.001	8	3	1.70	.80	2.8	.4	42	.6	4.6

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	BORON, DISSOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG 30...	1.4	<.1	3.9	11	410	140	45	15	27	19	.04

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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
JAN								
20...	1031	25.0	1.00	16.6	31	10.3	5.1	--
20...	1032	25.0	5.00	16.6	31	9.9	5.6	--
20...	1040	50.0	1.00	16.6	31	9.6	6.2	--
20...	1041	50.0	5.00	16.6	31	9.6	6.2	--
20...	1042	50.0	10.0	16.6	31	9.6	6.2	--
20...	1050	75.0	1.00	16.7	31	9.7	6.0	--
20...	1051	75.0	5.00	16.6	31	9.8	6.2	--
APR								
05...	1300	25.0	1.00	22.4	34	8.0	6.3	3
05...	1301	25.0	5.00	20.2	35	7.6	6.3	2
05...	1305	50.0	1.00	22.3	34	7.9	6.4	3
05...	1306	50.0	5.00	20.2	37	7.7	6.4	3
05...	1307	50.0	10.0	19.0	37	7.0	6.2	4
05...	1310	75.0	1.00	22.4	34	8.2	6.5	3
05...	1311	75.0	5.00	20.7	35	7.7	6.5	3
JUN								
14...	0959	75.0	1.00	29.2	31	8.2	6.8	4
14...	1005	50.0	1.00	29.3	31	8.3	6.8	3
14...	1006	50.0	5.00	26.3	35	7.0	6.7	4
14...	1016	25.0	3.50	26.8	35	6.9	6.4	--
AUG								
30...	1015	25.0	1.00	29.5	31	8.2	6.8	4
30...	1345	75.0	1.00	33.2	31	7.5	6.7	3
30...	1346	75.0	3.30	31.5	31	6.9	6.4	5
30...	1401	50.0	1.00	33.1	31	7.6	6.4	3
30...	1402	50.0	5.00	28.2	34	6.6	6.2	4
30...	1403	50.0	7.70	27.1	35	5.9	6.0	7
30...	1415	25.0	1.00	33.1	31	7.5	6.6	3
30...	1416	25.0	4.50	28.6	34	6.8	6.2	8

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TURBIDITY (NTU) (00076)	TRANSPARENCY (SECCHI DISK) (M) (00078)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
JAN											
18...	1645	15.9	22.7	767	1.6	2.89	5	.40	29	31	9.3
APR											
05...	1430	--	--	--	--	--	--	--	28	31	--
JUN											
14...	1115	--	33.0	--	1.2	--	5	.40	30	32	--

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)
JAN										
18...	93	6.6	0	4	3	K11	K12	<.1	<.1	--
APR										
05...	--	6.8	--	--	--	--	--	4.9	<.1	.30
JUN										
14...	--	6.7	--	5	4	--	--	3.5	<.1	--

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
JAN										
18...	--	--	.030	.04	<.010	<.01	<.20	<.20	.2	.160
APR										
05...	.23	--	.020	.02	<.010	<.01	<.20	.25	.1	.050
JUN										
14...	.32	.27	.010	.01	<.010	<.01	.28	.33	<.1	<.020

DATE	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
JAN										
18...	.05	.04	--	.010	.003	<.001	2.4	<.10	<.001	<1
APR										
05...	.03	.03	1.3	.002	<.002	<.001	--	--	<.001	--
JUN										
14...	.01	.01	--	.012	.004	<.001	2.4	2.1	<.001	4

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 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	TURBIDITY (NTU) (00076)	TRANSPARENCY (SECCHI DISK) (M) (00078)	COLOR (PLATINUM-COBALT UNITS) (00080)	TANNIN AND LIGNIN (MG/L) (32240)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG											
30...	0950	5.00	31.5	33.5	1.8	1.85	5	.40	30	33	7.6
30...	1030	12.0	30.5	33.5	--	--	--	--	30	32	4.8

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)
AUG											
30...	6.7	7.1	5	4	<3	<3	4.7	<.1	<.010	<.01	<.010
30...	6.2	6.9	--	--	--	--	--	--	<.010	<.01	<.010

DATE	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)
AUG											
30...	<.01	<.20	.20	<.1	<.020	.012	.007	.002	<.001	2.5	.004
30...	<.01	<.20	.25	<.1	<.020	.006	.006	.003	<.001	--	.002

DATE	HARDNESS TOTAL (MG/L AS CACO3) (00900)	'HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
AUG											
30...	8	3	1.70	.80	2.4	.4	39	.6	4.2	1.6	<.1
30...	8	--	1.70	.80	2.3	.4	38	.6	4.3	1.6	<.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	BORON, DISSOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG										
30...	2.8	11	260	60	73	9	2	24	17	.03
30...	2.8	11	280	60	86	20	--	25	--	--

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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
JAN								
18...	1325	75.0	1.00	16.2	28	10.3	6.3	--
18...	1326	75.0	5.00	16.2	27	10.2	6.4	--
18...	1327	75.0	10.0	16.2	27	10.2	6.4	--
18...	1330	50.0	1.00	16.1	27	--	6.1	--
18...	1331	50.0	5.00	16.1	27	--	6.2	--
18...	1332	50.0	10.0	16.1	27	--	6.2	--
18...	1333	50.0	15.0	16.1	27	--	6.3	--
18...	1425	25.0	1.00	16.1	27	10.1	6.4	--
18...	1336	25.0	5.00	16.1	27	10.1	6.4	--
18...	1337	25.0	10.0	16.1	28	10.1	6.3	--
APR								
05...	1400	75.0	1.00	22.6	28	8.7	6.6	1
05...	1401	75.0	5.00	22.4	28	8.7	6.7	1
05...	1402	75.0	10.0	21.0	28	8.8	6.7	2
05...	1415	50.0	1.00	22.7	28	8.5	6.8	1
05...	1416	50.0	5.00	22.3	28	8.6	6.8	2
05...	1417	50.0	10.0	21.1	28	8.7	6.8	2
05...	1418	50.0	15.0	20.5	28	8.2	6.7	2
05...	1419	50.0	20.0	20.0	28	8.0	6.5	2
05...	1424	25.0	1.00	22.8	28	8.4	6.7	1
05...	1426	25.0	5.00	22.5	28	8.5	6.7	1
05...	1427	25.0	10.0	20.8	28	8.6	6.7	2
JUN								
14...	1030	75.0	1.00	29.6	30	8.4	6.8	3
14...	1031	75.0	5.00	29.0	30	8.3	6.9	3
14...	1040	50.0	1.00	29.7	30	8.1	7.0	3
14...	1041	50.0	5.00	29.0	30	8.2	7.0	13
14...	1042	50.0	10.0	29.0	31	4.8	6.7	9
14...	1043	50.0	13.0	27.1	33	4.3	6.2	12
14...	1050	25.0	1.00	29.8	30	8.2	6.6	4
14...	1051	25.0	4.00	28.9	30	8.0	6.7	6
AUG								
30...	0945	50.0	1.00	31.5	30	7.6	6.7	4
30...	0946	50.0	5.00	31.4	30	7.5	6.7	3
30...	0947	50.0	10.0	30.7	30	5.7	6.4	4
30...	0948	50.0	15.0	30.3	31	3.9	6.1	4

PASCAGOULA RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02480005 HAMILTON CREEK (IN LAKE) NEAR TANNER WILLIAMS, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
JAN								
20...	1400	25.0	1.00	16.0	27	10.1	6.0	--
20...	1401	25.0	5.00	16.0	28	10.1	6.1	--
20...	1402	25.0	10.0	16.0	28	10.2	6.2	--
20...	1403	25.0	15.0	16.0	27	10.2	6.3	--
20...	1404	25.0	20.0	16.0	27	10.1	6.3	--
20...	1405	50.0	1.00	16.0	27	10.3	6.1	--
20...	1406	50.0	5.00	16.1	28	10.2	6.2	--
20...	1407	50.0	10.0	16.0	27	10.2	6.2	--
20...	1408	50.0	15.0	15.8	27	10.1	6.2	--
20...	1410	75.0	1.00	14.8	--	--	--	--
APR								
05...	1525	75.0	1.00	22.3	28	8.8	6.7	2
05...	1526	75.0	5.00	21.7	28	8.7	6.7	2
05...	1527	75.0	10.0	20.9	28	8.5	6.7	2
05...	1530	50.0	1.00	22.8	28	8.4	6.7	1
05...	1531	50.0	5.00	21.2	28	8.7	6.6	1
05...	1532	50.0	10.0	20.8	28	8.4	6.7	2
05...	1533	50.0	15.0	20.7	28	8.3	6.6	2
05...	1540	25.0	1.00	23.0	28	8.4	6.6	1
05...	1541	25.0	5.00	21.2	28	8.5	1.3	1
05...	1542	25.0	10.0	20.9	28	8.2	6.6	2
05...	1543	25.0	15.0	20.8	28	8.1	6.6	2
JUN								
14...	1724	25.0	1.00	30.5	30	8.5	7.2	3
14...	1725	25.0	5.00	30.4	30	8.5	7.3	4
14...	1726	25.0	10.0	29.5	30	8.7	7.4	3
14...	1727	25.0	15.0	28.7	30	8.5	7.3	5
14...	1731	50.0	1.00	30.5	30	8.3	7.4	3
14...	1732	50.0	5.00	30.3	30	8.4	7.4	3
14...	1733	50.0	10.0	29.6	30	8.6	7.5	3
14...	1734	50.0	15.0	28.9	30	8.3	7.4	5
14...	1735	50.0	20.0	27.7	31	5.2	6.8	6
14...	1736	50.0	25.0	26.8	32	2.4	6.4	11
14...	1742	75.0	1.00	30.6	30	8.3	6.9	3
14...	1743	75.0	5.00	30.5	30	8.4	7.1	3
14...	1744	75.0	10.0	29.5	30	8.6	7.2	5

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TRANSPARENCY (SECCHI DISK) (M) (00078)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)
JAN												
20...	0950	14.5	767	3.00	27	--	10.3	100	5.9	--	--	K7
APR												
04...	1600	--	--	--	27	31	--	--	6.6	--	--	--
JUN												
14...	1645	--	--	--	30	30	--	--	6.9	6	5	E4

DATE	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
JAN												
20...	K6	3.0	<.1	--	--	--	--	.030	.03	<.010	<.01	<.20
APR												
04...	--	4.3	<.1	.47	.53	.35	.43	.050	.06	<.010	<.01	.48
JUN												
14...	E5	4.7	<.1	--	--	.37	.21	.050	.08	<.010	<.01	.26

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, TOTAL (MG/L AS NO3) (71887)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)
JAN											
20...	<.20	.1	.130	.04	.04	--	--	.006	.003	<.001	<.001
APR											
04...	.41	.1	.050	.08	.06	2.1	.003	.002	<.002	<.001	.001
JUN											
14...	.45	<.1	<.020	.10	.06	--	.003	.008	.005	<.001	.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 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
AUG											
29...	1620	6.00	32.1	38.0	30	32	7.8	6.7	7.1	6	5
29...	1615	16.0	30.2	38.0	36	38	5.4	6.3	7.2	--	--

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
AUG										
29...	E1	E3	<.1	<.1	--	<.010	<.01	<.010	<.01	<.20
29...	--	--	--	--	.19	.300	.31	<.010	<.01	.24

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, TOTAL (MG/L AS PO4) (00650)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)
AUG										
29...	<.20	<.1	<.020	--	--	.006	.009	.002	<.001	.002
29...	.50	<.1	<.020	.40	.39	.006	.021	.003	<.001	.002

DATE	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
AUG										
29...	8	3	1.70	.80	2.3	.4	38	.6	4.2	1.7
29...	9	--	2.20	.90	2.4	.3	34	.7	4.2	1.3

DATE	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	BORON, DISSOLVED (UG/L AS B) (01020)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
AUG										
29...	<.1	2.6	11	160	40	47	<1	23	17	.03
29...	<.1	3.6	11	4000	1700	730	690	30	--	--

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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
JAN							
20...	0915	25.0	1.00	15.1	27	10.6	5.5
20...	0916	25.0	5.00	15.1	27	10.3	5.9
20...	0917	25.0	10.0	15.1	27	10.2	6.2
20...	0918	25.0	15.0	15.1	28	10.2	6.2
20...	0919	25.0	20.0	15.0	27	10.1	6.2
20...	0920	25.0	25.0	15.0	28	10.1	6.2
20...	0921	25.0	30.0	14.8	27	9.9	5.7
20...	0922	25.0	35.0	14.7	27	9.9	5.9
20...	0925	50.0	1.00	14.5	27	10.3	5.9
20...	0926	50.0	5.00	15.1	27	10.1	5.7
20...	0927	50.0	10.0	15.1	27	10.1	5.7
20...	0928	50.0	15.0	15.1	27	10.1	5.9
20...	0929	50.0	20.0	15.0	27	10.1	6.1
20...	0930	50.0	25.0	15.0	27	10.1	6.1
20...	0931	50.0	30.0	14.8	28	9.9	6.1
20...	0932	50.0	35.0	14.7	27	9.7	6.1
20...	0933	50.0	40.0	14.6	27	9.7	6.2
20...	0934	50.0	42.0	14.6	28	9.6	6.1
20...	0940	75.0	1.00	15.1	27	10.6	5.8
20...	0941	75.0	5.00	15.1	27	10.1	5.8
20...	0942	75.0	10.0	15.1	27	10.1	6.0
20...	0943	75.0	12.0	15.1	27	10.1	6.2

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 1999 TO SEPTEMBER 2000

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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
APR								
04...	1545	25.0	1.00	21.5	27	9.2	6.7	--
04...	1546	25.0	5.00	21.5	27	9.1	6.7	--
04...	1547	25.0	10.0	21.6	27	8.9	6.6	--
04...	1548	25.0	15.0	21.6	27	8.8	6.6	--
04...	1549	25.0	20.0	21.6	27	8.7	6.7	1
04...	1550	25.0	25.0	21.0	28	8.5	6.6	2
04...	1559	50.0	1.00	21.5	28	8.5	6.4	1
04...	1601	50.0	5.00	21.5	27	8.6	6.6	1
04...	1602	50.0	10.0	21.6	27	8.6	6.6	1
04...	1603	50.0	15.0	21.6	27	8.6	6.6	1
04...	1604	50.0	20.0	21.0	28	8.5	6.6	1
04...	1605	50.0	25.0	20.9	28	8.2	6.3	1
04...	1606	50.0	30.0	20.4	28	6.8	6.3	4
04...	1607	50.0	35.0	19.7	30	5.3	6.1	8
04...	1615	75.0	1.00	21.6	28	8.5	6.5	1
04...	1616	75.0	5.00	21.6	27	8.5	6.5	1
04...	1617	75.0	10.0	21.3	27	8.5	6.5	1
JUN								
14...	1620	25.0	1.00	30.4	30	8.5	7.0	4
14...	1621	25.0	5.00	30.0	30	8.5	7.0	3
14...	1622	25.0	10.0	29.6	30	8.5	7.1	3
14...	1623	25.0	15.0	28.7	30	7.9	7.0	4
14...	1624	25.0	20.0	28.0	30	6.4	6.8	4
14...	1625	25.0	25.0	26.9	31	2.8	6.5	6
14...	1626	25.0	30.0	26.2	33	1.5	6.3	5
14...	1628	75.0	1.00	30.1	30	8.4	6.8	3
14...	1629	75.0	5.00	30.1	30	8.4	6.9	3
14...	1630	75.0	10.0	30.4	30	8.4	7.1	3
14...	1637	50.0	1.00	30.3	30	8.2	7.0	3
14...	1638	50.0	5.00	29.9	30	8.4	7.2	3
14...	1639	50.0	10.0	29.9	30	8.4	7.2	3
14...	1640	50.0	15.0	29.1	30	7.3	7.1	5
AUG								
29...	1515	75.0	1.00	32.5	30	8.2	6.7	2
29...	1516	75.0	6.00	31.6	30	8.0	6.7	2
29...	1517	75.0	11.0	31.2	30	7.8	6.6	2
29...	1518	75.0	16.0	30.2	30	5.4	6.3	2
29...	1530	50.0	1.00	32.2	30	7.8	6.7	2
29...	1531	50.0	5.00	31.9	30	7.8	6.7	2
29...	1532	50.0	10.0	31.2	30	7.7	6.7	2
29...	1533	50.0	15.0	30.7	30	7.2	6.6	2
29...	1534	50.0	22.0	29.0	34	.4	6.1	3
29...	1535	50.0	28.0	26.2	57	.2	6.2	4
29...	1545	25.0	1.00	32.1	30	7.6	6.6	7
29...	1546	25.0	5.00	32.1	30	7.6	6.7	3
29...	1547	25.0	10.0	31.1	30	7.5	6.8	3
29...	1548	25.0	15.0	30.9	30	7.1	6.7	2
29...	1549	25.0	20.0	30.3	30	5.8	6.5	3
29...	1550	25.0	25.0	27.9	44	.4	6.3	2

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 1999					APR 2000				
07...	1115	19	21.0	83	19...	1455	122	20.0	55
NOV					MAY				
16...	1550	44	13.0	59	09...	0955	54	23.0	60
JAN 2000					JUN				
19...	1345	157	11.0	107	15...	1225	13	31.0	64
MAR					AUG				
02...	1420	196	17.5	32	08...	0840	5.0	30.5	68
02342933 SOUTH FORK COWIKEE CREEK NEAR BATESVILLE, AL									
NOV 1999					MAY 2000				
17...	1135	5.4	8.5	106	09...	1605	3.9	27.5	159
JAN 2000					JUN				
20...	0855	23	10.5	165	15...	1525	5.6	28.0	105
MAR					AUG				
03...	1000	28	13.5	115	08...	1105	2.3	30.0	123
APR									
20...	0855	18	17.0	134					
CHOCTAWHATCHEE RIVER BASIN									
02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL.									
NOV 1999					JUN 2000				
05...	0940	573	11.0	60	01...	1355	49	27.0	113
MAR 2000					JUL				
03...	1100	433	15.0	69	19...	1440	50	32.0	122
APR					AUG				
10...	1530	286	17.5	75	09...	1200	181	30.0	93
MAY									
04...	1145	142	22.0	88					
18...	1545	74	26.0	107					
02362240 LITTLE DOUBLE BRIDGES CREEK NEAR ENTERPRISE, AL									
NOV 1999					MAY 2000				
04...	1620	14	11.0	43	04...	1540	5.6	20.5	47
MAR 2000					18...	1100	2.9	21.5	54
03...	1530	16	16.0	43	JUN				
APR					01...	0935	1.9	22.5	63
11...	1045	11	14.5	42	AUG				
					09...	1230	2.4	30.0	51
BLACKWATER RIVER BASIN									
02369800 BLACKWATER RIVER NEAR BRADLEY, AL									
NOV 1999					JUL 2000				
04...	1005	51	12.0	24	19...	1215	23	25.0	22
FEB 2000					AUG				
25...	1345	46	16.0	23	10...	1540	37	29.0	23
MAY									
25...	0930	23	22.0	20					
ESCAMBIA RIVER BASIN									
02371500 CONECUH RIVER AT BRANTLEY, AL									
OCT 1999					JUN 2000				
29...	1550	76	15.5	133	14...	0955	21	26.0	210
FEB 2000					JUL				
22...	1600	204	14.0	86	20...	1130	23	30.5	219
APR					AUG				
12...	1010	203	17.5	90	10...	1120	22	28.0	182
MAY									
24...	1500	37	27.5	174					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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--Continued									
02372250 PATSALIGA CREEK NEAR BRANTLEY, AL									
FEB 2000					JUN 2000				
11...	1355	201	11.5	145	13...	1525	16	28.5	178
APR					JUL				
11...	1655	175	17.5	96	20...	1405	12	31.0	207
MAY					AUG				
24...	1125	33	25.5	160	10...	1000	43	27.0	149
02372422 CONECUH RIVER BELOW POINT A DAM NEAR RIVER FALLS, AL									
APR 2000					AUG 2000				
12...	1430	32	18.5	72	10...	1330	33	27.0	94
JUN									
13...	1025	32	26.0	92					
02373000 SEPULGA RIVER NEAR MCKENZIE, AL									
OCT 1999					MAY 2000				
28...	1700	32	15.5	78	26...	1510	24	28.5	89
FEB 2000					JUL				
23...	1710	145	13.5	74	20...	0940	6.6	29.5	122
APR					AUG				
14...	1530	107	17.5	71	14...	1545	12	28.5	124
02374250 CONECUH RIVER AT STATE HIGHWAY 41 NEAR BREWTON, AL									
MAY 2000					JUL 2000				
25...	1430	368	29.5	105	19...	1545	232	31.5	110
JUN					SEP				
12...	1135	292	28.5	112	11...	0950	529	29.0	102
02374500 MURDER CREEK NEAR EVERGREEN, AL									
OCT 1999					JUN 2000				
28...	1055	83	13.0	41	13...	0745	40	23.0	32
FEB 2000					JUL				
24...	1000	98	14.0	49	20...	1210	33	27.0	42
APR					AUG				
14...	0945	113	17.5	49	14...	1350	39	29.0	38
MAY									
10...	1255	47	21.5	40					
26...	1000	55	24.5	47					
02374700 MURDER CREEK AT STATE HIGHWAY 41 AT BREWTON, AL									
NOV 1999					JUN 2000				
03...	1515	529	15.5	76	12...	1400	94	28.0	91
APR 2000					JUL				
13...	1355	202	19.5	86	19...	1745	92	32.0	95
MAY					AUG				
11...	0725	127	24.0	88	11...	1250	132	28.5	89
02374745 BURNT CORN CREEK AT STATE HIGHWAY 41 NEAR BREWTON, AL									
NOV 1999					JUN 2000				
03...	1115	240	15.0	45	12...	1545	10	29.5	72
FEB 2000					JUL				
24...	1545	90	15.5	71	20...	1435	15	32.5	61
APR					AUG				
13...	1735	53	19.5	73	11...	1418	47	29.5	62
MAY									
10...	1655	23	25.5	70					
02374950 BIG ESCAMBIA CREEK AT SARDINE BRANCH NEAR STANLEY CROSSROADS, AL									
MAY 2000					AUG 2000				
24...	0820	65	23.0	30	14...	1205	51	24.5	31
JUL									
18...	1010	54	25.0	29					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
PERDIDO RIVER BASIN									
02376115 ELEVENMILE CREEK NEAR PENSACOLA, FL									
NOV 1999					APR 2000				
02...	1335	74	21.0	1260	10...	1350	62	23.5	1380
FEB 2000					JUL				
22...	1340	50	21.0	1400	18...	1405	50	33.5	1520
02376500 PERDIDO RIVER AT BARRINEAU PARK, FL									
NOV 1999					APR 2000				
02...	1050	446	18.0	30	10...	1105	316	16.5	27
FEB 2000					JUL				
22...	1100	354	14.0	26	18...	1215	190	28.0	32
02377570 STYX RIVER NEAR ELSANOR, AL									
NOV 1999					APR 2000				
02...	1530	139	18.0	36	10...	1630	137	19.5	36
FEB 2000					JUL				
22...	1535	141	16.0	33	18...	1535	82	31.0	36
FISH RIVER BASIN									
02378300 MAGNOLIA RIVER AT U.S. HIGHWAY 98 NEAR FOLEY, AL									
NOV 1999					APR 2000				
03...	0745	16	16.0	72	11...	0815	16	17.5	67
FEB 2000					JUL				
23...	0820	19	16.5	70	18...	1755	9.9	23.5	70
02378500 FISH RIVER NEAR SILVER HILL, AL									
NOV 1999					APR 2000				
03...	0915	64	16.0	48	11...	1020	55	16.5	46
FEB 2000					JUL				
23...	1105	60	16.0	45	19...	0830	38	22.5	52
MOBILE RIVER BASIN									
02398037 CHATTOOGA RIVER AT CHATTOOGAVILLE, GA									
MAR 2000					JUN 2000				
01...	1255	393	14.5	368	20...	1055	125	25.5	650
APR					AUG				
27...	0855	316	14.5	366	10...	1245	90	28.0	873
02398250 MILLS CREEK AT DEWEY, AL									
AUG 2000					SEP 2000				
23...	1415	9.9	24.0	223	19...	1350	8.6	20.0	220
02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE, AL									
JAN 2000					JUN 2000				
19...	0855	171	9.0	524	21...	0845	167	24.5	594
MAR					AUG				
01...	1035	463	13.0	345	09...	1645	122	28.5	826
APR									
26...	1520	446	15.5	312					
02398950 WEST FORK LITTLE RIVER AT DESOTO PARK NEAR FORT PAYNE, AL									
JAN 2000					JUN 2000				
19...	1135	73	7.5	29	20...	1510	16	26.5	28
APR					AUG				
26...	1315	46	15.0	25	10...	0910	.26	26.0	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
				02399200 LITTLE RIVER NEAR BLUE POND, AL					
JAN 2000					JUN 2000				
19...	1345	253	8.0	37	20...	1315	35	27.5	46
APR					AUG				
26...	1055	254	14.5	35	10...	1115	6.1	29.0	42
				02400100 TERRAPIN CREEK AT ELLISVILLE, AL					
OCT 1999					APR 2000				
08...	0910	91	18.0	156	27...	1310	192	17.0	157
JAN 2000					JUN				
14...	1255	180	10.5	124	20...	1050	103	25.0	202
MAR					AUG				
02...	0840	209	13.5	130	10...	1455	63	28.0	209
				02401376 LITTLE CANOE CREEK AT SPRINGVILLE, AL					
JUL 2000					JUL 2000				
06...	1345	5.9	25.5	260	20...	0945	4.7	24.5	270
				02401390 BIG CANOE CREEK AT ASHVILLE, AL					
NOV 1999					APR 2000				
22...	1555	20	13.5	264	25...	1120	112	15.0	196
JAN 2000					JUN				
13...	1605	120	12.0	171	19...	1340	21	25.5	260
FEB					AUG				
29...	1320	207	13.0	156	09...	0930	13	27.0	262
MAR									
21...	1315	1350	13.5	103					
				02403395 CHOCCOLOCCO CREEK AT OXFORD, AL					
NOV 1999					JUN 2000				
23...	1250	64	17.0	687	14...	0820	68	24.0	452
FEB 2000					AUG				
29...	0745	244	12.0	230	08...	1005	45	26.5	730
APR									
20...	1230	272	17.5	191					
				02404400 CHOCCOLOCCO CREEK AT JACKSON SHOAL NEAR LINCOLN, AL					
OCT 1999					APR 2000				
07...	0905	165	18.0	291	20...	0955	617	18.5	187
JAN 2000					JUN				
13...	1110	465	12.5	171	14...	1610	216	24.0	310
FEB					AUG				
29...	1015	509	14.5	223	08...	0805	150	26.0	344
				02405500 KELLY CREEK NEAR VINCENT, AL					
OCT 1999					APR 2000				
07...	1115	10	17.5	75	19...	1530	255	19.0	112
NOV					JUN				
23...	0915	25	13.5	180	14...	1420	12	26.0	122
JAN 2000					AUG				
12...	1510	306	10.5	63	07...	1620	7.2	29.0	108
FEB									
28...	1500	348	--	77					
				02406500 TALLADEGA CREEK AT ALPINE, AL					
OCT 1999					APR 2000				
06...	1510	58	18.0	233	19...	1335	196	17.5	190
NOV					JUN				
22...	1335	57	16.0	238	14...	1235	69	22.0	260
JAN 2000					AUG				
12...	1250	148	11.5	117	07...	1435	48	23.5	253
FEB									
28...	1250	234	14.5	92					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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									
02406947 TALLASSEEHATCHEE CREEK ABOVE CHILDERSBURG, AL									
MAY 2000					AUG 2000				
02...	0955	50	18.5	450	22...	0915	15	24.5	957
JUL					SEP				
07...	0955	19	26.0	1140	23...	1605	18	19.5	863
02408425 TRIBUTARY TO BAKER CREEK NEAR GOODWATER, AL									
MAY 2000					AUG 2000				
02...	1215	3.1	17.0	58	22...	1100	.36	22.5	148
JUL									
07...	1210	.15	24.0	108					
02408540 HATCHET CREEK BELOW ROCKFORD, AL									
OCT 1999					APR 2000				
06...	1030	82	17.5	39	18...	1445	216	18.0	42
NOV					JUN				
15...	1125	72	12.5	50	13...	1410	39	29.5	46
JAN 2000					AUG				
13...	1605	264	12.5	92	07...	1035	28	28.5	46
FEB									
29...	1440	255	15.0	42					
02411930 TALLAPOOSA RIVER BELOW TALLAPOOSA, GA									
MAR 2000					JUN 2000				
02...	1115	186	12.0	46	14...	1450	36	26.0	51
APR					AUG				
20...	1610	218	18.5	43	08...	1510	15	27.5	54
02412000 TALLAPOOSA RIVER NEAR HEFLIN, AL									
OCT 1999					APR 2000				
08...	1205	52	17.5	43	20...	1435	346	18.0	42
JAN 2000					JUN				
18...	1235	217	8.5	47	14...	1100	78	25.0	47
MAR					AUG				
03...	0920	271	11.5	45	08...	1300	41	28.5	46
02413210 LITTLE TALLAPOOSA RIVER BELOW BOWDON, GA									
MAR 2000					JUL 2000				
02...	1400	157	13.5	71	11...	1525	25	28.5	92
APR					AUG				
21...	1105	180	17.0	61	11...	0855	58	25.0	124
JUN									
15...	1005	40	24.5	95					
02413300 LITTLE TALLAPOOSA RIVER NEAR NEWELL AL									
JAN 2000					JUN 2000				
18...	1105	207	9.5	58	15...	0845	75	24.0	88
MAR					AUG				
03...	1130	234	13.5	59	11...	1045	83	25.0	73
APR									
21...	0915	314	17.5	57					
02414500 TALLAPOOSA RIVER AT WADLEY, AL									
OCT 1999					JUN 2000				
06...	1230	141	20.0	63	15...	0835	201	21.0	41
APR 2000					AUG				
19...	1225	271	17.5	41	14...	1035	152	24.0	42

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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									
02414525 HIGH PINE CREEK NEAR ROANOKE, AL									
OCT 1999					MAR 2000				
06...	1600	.76	17.5	124	01...	1510	9.6	16.5	110
NOV					APR				
16...	0930	5.3	10.0	87	19...	1405	9.0	19.5	58
JAN 2000					AUG				
14...	1255	29	10.5	106	14...	1225	1.3	23.0	96
02415000 HILLABEE CREEK NEAR HACKNEYVILLE, AL									
NOV 1999					APR 2000				
15...	1545	40	13.5	40	18...	1650	182	19.5	32
JAN 2000					JUN				
14...	0920	133	8.0	88	14...	0925	33	24.5	29
MAR					AUG				
01...	1045	161	16.0	85	14...	1445	14	27.0	35
02416035 SUGAR CREEK NEAR ALEXANDER CITY, AL									
MAY 2000					AUG 2000				
02...	1425	10	24.5	1820	22...	1215	11	31.0	2020
JUL									
07...	1400	8.9	30.0	1510					
02418179 SOUGAHATCHEE CREEK NEAR AUBURN, AL									
MAY 2000					AUG 2000				
02...	1645	13	22.0	748	22...	1355	7.8	27.5	1210
JUL									
07...	1555	6.1	29.0	552					
02418230 SOUGAHATCHEE CREEK AT COUNTY ROAD 188 NEAR LOACHAPOKA, AL									
NOV 1999					APR 2000				
09...	1225	22	--	542	20...	1240	46	20.0	308
12...	1215	21	14.0	--	JUN				
JAN 2000					16...	1400	30	25.0	471
19...	1000	49	11.5	290	JUL				
MAR					07...	1735	9.1	28.5	541
03...	1435	47	15.5	370	AUG				
20...	1135	290	15.5	88	07...	1415	15	28.0	480
22...	1040	89	17.0	178					
02419000 UPHAPEE CREEK NEAR TUSKEGEE, AL									
OCT 1999					APR 2000				
07...	1535	30	22.0	200	20...	1105	68	19.0	112
NOV					MAY				
17...	1610	36	13.0	127	19...	1715	25	28.5	126
JAN 2000					JUN				
20...	1115	164	11.5	120	16...	1215	15	29.0	130
MAR					AUG				
03...	1235	122	16.0	138	07...	1240	18	29.0	126
02419890 TALLAPOOSA RIVER NEAR MONTGOMERY (MONTGOMERY WATER WORKS), AL									
OCT 1999					JUN 2000				
08...	1125	2820	21.5	84	20...	1030	1740	29.0	60
JAN 2000					JUL				
20...	1305	2800	10.0	79	31...	1105	1170	25.0	52
MAR					SEP				
06...	0915	3390	15.0	60	18...	1000	1240	22.5	59
APR									
24...	1250	1760	18.0	59					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

MOBILE RIVER BASIN--Continued

02421000 CATOMA CREEK NEAR MONTGOMERY, AL

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)
OCT 1999					JUN 2000				
27...	1300	2.3	14.5	275	15...	1525	1.7	29.5	342
MAR 2000					JUL				
07...	1520	56	17.5	253	25...	1430	.48	30.5	233
MAY					SEP				
04...	1030	8.8	24.0	298	18...	1500	2.0	26.5	216

02421115 PINTLALLA CREEK AT LIBERTY CHURCH ROAD NEAR PINTLALLA, AL

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)
OCT 1999					MAY 2000				
04...	1440	.02	20.5	--	04...	1040	1.7	19.5	235
FEB 2000					JUN				
02...	1125	18	5.5	--	22...	1120	1.3	25.0	222
MAR					SEP				
02...	1405	9.3	15.5	228	12...	0930	.22	22.8	116
APR									
13...	1100	5.4	17.5	238					

02423130 CAHABA RIVER AT TRUSSVILLE, AL

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)
JAN 2000					MAY 2000				
19...	1230	6.2	9.5	135	02...	1330	7.4	19.0	200
MAR					AUG				
15...	0930	36	13.5	--	29...	1155	1.2	27.5	--

02423380 CAHABA RIVER NEAR MOUNTAIN BROOK, AL

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)
NOV 1999					JUL 2000				
18...	1215	18	10.5	270	12...	0925	6.3	27.5	381
JAN 2000									
20...	1345	97	9.0	187					

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL

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)
NOV 1999					MAY 2000				
17...	1010	7.1	12.5	420	01...	1035	14	17.0	415
JAN 2000					JUL				
21...	0930	14	9.0	377	06...	1220	5.0	23.0	379
MAR					AUG				
14...	0845	28	13.0	342	29...	0855	3.5	21.5	371

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL

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)
NOV 1999					MAR 2000				
17...	1100	8.9	12.5	431	14...	1030	33	14.0	--
JAN 2000					MAY				
21...	1145	16	9.5	397	01...	1255	17	17.5	409

02423400 LITTLE CAHABA RIVER NEAR JEFFERSON PARK, AL

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)
NOV 1999					JAN 2000				
17...	1230	8.8	11.5	415	10...	1435	118	13.5	179

02423425 CAHABA RIVER NEAR CAHABA HEIGHTS, AL

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)
NOV 1999					JUL 2000				
05...	1450	11	13.5	210	05...	1510	7.7	28.0	--
MAY 2000					SEP				
12...	1125	9.6	24.5	266	06...	1600	7.2	26.0	329

02423496 CAHABA RIVER NEAR HOOVER, AL

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)
NOV 1999					JUL 2000				
16...	1315	11	12.5	276	06...	1010	6.9	27.0	272
JAN 2000					AUG				
20...	1045	66	9.5	200	28...	1225	8.4	28.0	270
MAY									
02...	1015	55	19.0	214					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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									
02423515 PATTON CREEK NEAR BLUFF PARK BELOW PATTON CHAPEL, AL									
MAR 2000									
28...	1300	12	--	280					
02423555 CAHABA RIVER NEAR HELENA, AL									
NOV 1999					JUL 2000				
03...	1210	251	15.0	231	06...	1245	42	27.0	358
02423630 SHADES CREEK NEAR GREENWOOD, AL									
NOV 1999					JUL 2000				
03...	1450	284	14.0	207	05...	0910	5.6	25.5	243
MAY 2000					SEP				
05...	1245	19	23.0	275	06...	1025	2.4	22.5	390
02424000 CAHABA RIVER AT CENTREVILLE, AL									
OCT 1999					APR 2000				
25...	1205	228	14.5	266	04...	1455	35100	16.5	74
DEC					MAY				
09...	1145	267	10.0	295	25...	1150	328	26.0	244
JAN 2000					JUL				
06...	1400	930	10.5	233	18...	1130	197	27.0	278
02424590 CAHABA RIVER NEAR SUTTLE, AL									
OCT 1999					SEP 2000				
04...	1545	825	22.0	222	13...	1325	275	28.0	217
JUL 2000									
27...	1105	327	29.0	232					
02425000 CAHABA RIVER NEAR MARION JUNCTION, AL									
OCT 1999					APR 2000				
05...	0915	818	22.0	180	21...	1145	1840	20.5	156
NOV					JUN				
22...	1320	746	16.0	188	12...	1445	581	28.0	160
JAN 2000					JUL				
12...	1545	5810	10.0	122	26...	1430	349	31.0	221
FEB					SEP				
28...	1515	1410	16.0	142	13...	1600	306	28.5	207
02427020 BOGUE CHITTO CREEK AT COUNTY ROAD 115 BELOW ORRVILLE, AL									
JUL 2000					SEP 2000				
14...	1120	.59	29.5	208	14...	0915	.11	25.5	138
28...	1010	.12	24.5	136					
02427250 PINE BARREN CREEK NEAR SNOW HILL, AL									
OCT 1999					APR 2000				
04...	1240	41	22.5	104	21...	1415	39	22.0	121
NOV					JUN				
22...	1125	27	18.0	62	12...	1205	14	28.5	109
JAN 2000					JUL				
12...	1230	218	14.0	137	28...	1255	11	29.5	89
FEB					SEP				
28...	1135	615	15.0	108	14...	1135	17	27.5	72
02438000 BUTTAHATCHEE RIVER BELOW HAMILTON, AL									
JUN 2000					AUG 2000				
14...	0815	50	25.5	38	30...	1420	20	31.0	35
JUL									
18...	0840	39	27.0	36					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

MOBILE RIVER BASIN--Continued

02446500 SIPSEY RIVER NEAR ELROD, AL

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)
DEC 1999					JUN 2000				
01...	1415	123	9.5	87	14...	0930	78	26.5	140
FEB 2000					AUG				
04...	1250	1060	7.0	69	01...	1505	52	29.0	154
APR									
24...	1400	773	17.0	93					

02448500 NOXUBEE RIVER NEAR GEIGER, AL

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)
NOV 1999					JUL 2000				
30...	1050	87	10.0	121	28...	1700	76	29.5	146
FEB 2000					AUG				
08...	1030	178	6.5	140	21...	1500	48	30.0	174

02448900 BODKA CREEK NEAR GEIGER, AL

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)
NOV 1999					APR 2000				
30...	1415	.01	9.0	604	11...	1200	40	16.5	254
FEB 2000									
08...	1440	3.8	8.5	223					

02449840 DUCK RIVER NEAR BERLIN, AL

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)
JAN 2000									
27...	1045	61	3.0	105					

02449882 BLUE SPRINGS CREEK NEAR BLOUNTSVILLE, AL

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)
OCT 1999					JUL 2000				
06...	1230	.49	17.0	--	10...	0900	.98	26.5	184
JAN 2000					AUG				
31...	1030	6.8	4.5	--	21...	1045	.04	23.5	219
JUN									
12...	1405	1.1	26.5	183					

02450000 MULBERRY FORK NEAR GARDEN CITY, AL

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)
JUN 2000					AUG 2000				
13...	1210	41	30.0	151	28...	1135	20	29.0	185
JUL									
19...	1600	22	32.5	265					

02450180 MULBERRY FORK NEAR ARKADELPHIA, AL

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)
JUN 2000					AUG 2000				
15...	1335	43	31.0	--	28...	1455	24	29.0	285
JUL									
19...	1340	32	30.5	275					

02450250 SIPSEY FORK NEAR GRAYSON, AL

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)
OCT 1999					JUL 2000				
14...	1350	4.0	20.0	--	17...	1340	5.4	26.5	51
NOV					AUG				
30...	1400	9.1	7.5	--	17...	1025	1.3	23.5	--
JUN 2000					30...	1045	1.0	25.0	48
14...	1100	7.8	23.0	92					

02450825 CLEAR CREEK AT NEW HOPE CHURCH NEAR POPLAR SPRINGS, AL

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)
OCT 1999					JUL 2000				
14...	1535	26	17.5	--	17...	1605	22	27.0	39
NOV					AUG				
30...	1205	34	7.0	--	17...	1320	13	--	42
JAN 2000					31...	0925	9.5	24.0	44
25...	1330	150	3.0	22					
JUN									
14...	1310	34	24.5	42					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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					
				02453000 BLACKWATER CREEK NEAR MANCHESTER, AL					
NOV 1999					AUG 2000				
29...	0950	62	10.0	143	29...	1010	4.0	26.0	293
JUN 2000					SEP				
15...	1105	20	26.0	188	20...	1440	3.0	23.0	360
JUL									
18...	1245	18	26.5	176					
				02454055 LOST CREEK ABOVE PARRISH, AL					
JUN 2000					AUG 2000				
14...	1605	17	26.5	2120	17...	1550	9.5	26.5	1400
JUL					SEP				
18...	1455	9.8	27.5	2600	18...	1355	4.5	20.0	2040
				02454995 GRAVES CREEK BELOW BLOUNTSVILLE, AL					
JAN 2000									
31...	1205	15	1.5	234					
				02455000 LOCUST FORK NEAR CLEVELAND, AL					
JUN 2000					AUG 2000				
12...	1135	30	27.0	241	21...	1320	5.9	27.5	256
31...	1425	22	28.5	209					
				02455185 BLACKBURN FORK LITTLE WARRIOR RIVER NEAR HOLLY SPRINGS, AL					
NOV 1999									
04...	0835	1.4	9.0	165					
				02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL					
OCT 1999					APR 2000				
08...	1240	14	19.5	303	10...	1310	73	17.0	251
DEC					JUL				
02...	1055	14	8.0	304	31...	1415	14	25.5	269
FEB 2000									
16...	1025	31	13.5	288					
				02456500 LOCUST FORK AT SAYRE, AL					
JUN 2000					AUG 2000				
15...	0815	102	28.5	319	29...	1435	37	29.0	405
JUL									
19...	0645	54	29.0	373					
				02456980 FIVEMILE CREEK AT LAWSON ROAD NEAR TARRANT CITY, AL					
OCT 1999					FEB 2000				
05...	1455	7.7	18.0	333	15...	1345	12	15.0	353
				02456998 BARTON BRANCH NEAR TARRANT CITY, AL					
OCT 1999					JUL 2000				
05...	1325	1.1	19.5	298	11...	1545	.99	23.5	328
FEB 2000									
15...	1235	2.5	14.5	350					
				02457000 FIVEMILE CREEK AT KETONA, AL					
OCT 1999					JUL 2000				
05...	1150	8.6	18.0	323	11...	1140	7.6	24.5	345
FEB 2000					11...	1245	8.3	24.5	345
15...	1035	16	12.5	329	AUG				
					02...	0945	8.1	21.5	343

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 1999					APR 2000				
18...	1115	20	18.5	--	11...	1300	96	16.0	554
DEC					JUN				
15...	1005	36	10.5	765	06...	1015	37	21.0	646
FEB 2000					AUG				
17...	1300	50	13.5	712	01...	1455	37	27.5	761
02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL									
OCT 1999					MAY 2000				
19...	1315	40	17.5	889	03...	1410	83	20.5	--
DEC					JUN				
16...	1030	59	8.0	653	02...	1125	45	22.0	593
FEB 2000					AUG				
17...	1005	119	12.5	494	01...	1205	76	26.0	568
02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL									
OCT 1999					APR 2000				
06...	1100	1.7	18.5	336	26...	1045	5.4	18.5	373
FEB 2000					JUL				
03...	1125	3.6	14.5	--	06...	1630	2.1	26.0	373
02458200 VILLAGE CREEK AT APALACHEE STREET IN BIRMINGHAM, AL									
NOV 1999					JUL 2000				
05...	1230	8.9	16.0	380	06...	1550	9.2	32.0	--
MAY 2000					SEP				
10...	1515	14	25.5	357	01...	1010	8.0	25.5	363
02458450 VILLAGE CREEK AT AVENUE W AT ENSLEY, AL									
OCT 1999					APR 2000				
20...	1010	112	17.5	359	10...	1415	57	18.0	456
FEB 2000					JUN				
16...	0950	34	14.0	445	05...	1345	104	23.0	288
02458600 VILLAGE CREEK NEAR DOCENA, AL									
OCT 1999					APR 2000				
19...	1005	61	20.5	476	10...	1000	156	16.5	467
DEC					JUN				
10...	1200	168	15.5	295	05...	1110	124	23.5	358
FEB 2000					JUL				
16...	1200	85	15.0	481	31...	1045	129	25.5	339
02461500 VALLEY CREEK NEAR BESSEMER, AL									
MAY 2000					SEP 2000				
11...	1445	44	25.5	563	01...	1315	53	29.0	545
JUL									
07...	0810	18	27.5	441					
02461630 HALLS CREEK AT BESSEMER, AL									
NOV 1999					AUG 2000				
02...	1320	12	16.5	328	31...	0945	1.3	25.5	405
MAY 2000									
11...	1200	4.9	21.0	411					
02461640 VALLEY CREEK BELOW BESSEMER, AL									
NOV 1999					JUL 2000				
02...	1015	120	18.5	316	07...	1430	31	33.0	--
MAY 2000									
11...	0940	45	25.0	595					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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									
02462000 VALLEY CREEK NEAR OAK GROVE, AL									
NOV 1999					JUN 2000				
29...	1330	103	12.5	796	08...	1150	123	26.5	735
FEB 2000					AUG				
02...	1340	280	9.0	505	02...	1035	235	26.0	985
02464000 NORTH RIVER NEAR SAMANTHA, AL									
FEB 2000					AUG 2000				
07...	1025	133	5.0	105	03...	1520	9.2	29.5	2920
02464146 TURKEY CREEK NEAR TUSCALOOSA, AL									
OCT 1999					MAR 2000				
04...	1340	2.1	21.5	446	21...	0930	30	12.5	--
NOV					JUL				
09...	1140	2.2	14.0	424	27...	1120	1.5	23.5	473
DEC									
12...	1200	3.8	12.0	298					
02464360 BINION CREEK BELOW GIN CREEK NEAR SAMANTHA, AL									
OCT 1999					APR 2000				
04...	1010	19	22.0	28	18...	1425	74	18.0	44
NOV					JUL				
09...	0945	28	13.0	31	27...	1255	15	24.0	32
DEC									
20...	0955	48	10.5	31					
02465493 ELLIOTTS CREEK AT MOUNDVILLE, AL									
OCT 1999					APR 2000				
06...	1400	33	16.5	23	18...	1130	31	16.5	19
NOV					JUN				
09...	1400	24	14.0	21	26...	0900	15	23.0	23
DEC					SEP				
22...	0940	59	6.5	20	07...	1030	12	21.5	23
02467500 SUCARNOOCHEE RIVER AT LIVINGSTON, AL									
DEC 1999					JUN 2000				
01...	0815	130	9.0	48	13...	1025	92	29.0	84
FEB 2000					AUG				
09...	0805	189	7.5	64	03...	1105	62	28.0	67
APR					29...	1300	52	31.0	66
12...	0835	499	16.5	83					
02469800 SATILPA CREEK NEAR COFFEEVILLE, AL									
NOV 1999					JAN 2000				
05...	0955	19	10.0	143	04...	1355	81	15.5	123
02470072 BASSETT CREEK AT U.S. HIGHWAY 43 NEAR THOMASVILLE, AL									
NOV 1999									
05...	1215	.23	10.5	101					
0247100550 EIGHTMILE CREEK AT MOBILE, AL									
NOV 1999					APR 2000				
04...	1335	33	13.5	47	12...	1630	32	19.5	43
JAN 2000					JUL				
03...	1245	39	17.0	45	20...	1450	24	27.5	49
FEB									
24...	1450	35	17.0	41					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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									
02471078 FOWL RIVER AT HALF-MILE ROAD NEAR LAURENDINE, AL									
NOV 1999					APR 2000				
03...	1145	20	15.5	50	11...	1305	19	17.0	47
FEB 2000					JUL				
23...	1345	18	15.5	46	19...	1105	14	25.0	51
PASCAGOULA RIVER BASIN									
02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS									
NOV 1999					JUL 2000				
03...	1435	198	16.0	31	19...	1430	71	31.0	34
FEB 2000									
24...	1035	213	16.0	28					
02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, AL									
NOV 1999					FEB 2000				
04...	0900	17	11.5	29	23...	1545	18	14.0	25
JAN 2000					JUL				
11...	1115	55	14.0	--	19...	1610	8.8	26.0	28
02479980 CROOKED CREEK NEAR FAIRVIEW, AL									
NOV 1999					JUL 2000				
04...	1025	9.5	12.5	42	20...	1205	4.9	25.0	42
JAN 2000					AUG				
03...	1415	8.7	18.0	39	07...	1435	5.4	24.5	40
FEB									
24...	1315	7.9	17.0	35					
02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL									
NOV 1999					FEB 2000				
04...	1155	13	14.0	42	24...	0855	12	17.0	36
JAN 2000					JUL				
03...	1535	14	19.0	40	19...	1740	9.2	25.5	41

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATION

SPECIFIC CONDUCTANCE AND TEMPERATURE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 19					JUL 2000				
07...	0955	11	17.0	388	07...	0915	56	25.0	297
NOV					AUG				
10...	0910	25	15.0	--	09...	0930	28	25.5	296
JAN 2000					SEP				
05...	1030	1070	11.5	--	19...	0905	14	18.5	299
03575830 INDIAN CREEK NEAR MADISON, AL									
OCT 1999					JUL 2000				
07...	1315	1.2	18.0	235	07...	1230	6.7	26.5	216
NOV					AUG				
10...	1155	3.1	15.0	--	02...	1145	3.1	25.0	218
JAN 2000					09...	1310	2.1	28.5	218
05...	1405	24	9.0	--	SEP				
JUN					19...	1205	1.3	21.0	210
07...	1400	9.5	20.5	221					
03576250 LIMESTONE CREEK NEAR ATHENS, AL									
NOV 1999					JUL 2000				
01...	1230	12	16.5	120	06...	1450	18	28.0	118
JAN 2000					31...	0945	14	24.5	118
06...	1530	136	9.0	--	AUG				
JUN					09...	1520	16	28.5	108
07...	1630	30	22.5	113	SEP				
					19...	1430	11	22.0	117
03586500 BIG NANCE CREEK AT COURTLAND, AL									
NOV 1999					JUL 2000				
05...	1130	4.9	11.0	--	10...	1455	17	25.0	296
JUN 2000					SEP				
08...	1015	17	21.5	283	20...	0950	.86	22.0	336

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.

02388518 LITTLE DRY CREEK AT U.S. HIGHWAY 27 AT ROME, GA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
MAY 17...	0800	19.4	20.5	755	.37	.03	.9	452	459	1.3

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)
MAY 17...	14	7.2	7.8	0	249	204	K9	K4	<1	16

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
MAY 17...	.40	.38	.096	<.010	.47	.49	<.050	.12	.129	.079

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA (00930)	SODIUM ADSORPTION RATIO) (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAY 17...	.053	.042	190	62.2	7.92	16.2	.5	16	2.7	12.1

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 17...	18.1	.3	3.6	70	430	265	246	.02	.36

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02388518 LITTLE DRY CREEK AT U.S. HIGHWAY 27 AT ROME, GA--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	PROMETON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DISSOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLORPYRIFOS DISSOLVED (UG/L) (38933)	LINDANE DISSOLVED (UG/L) (39341)	DIELDRIN DISSOLVED (UG/L) (39381)
MAY 17...	<.007	<.002	.021	.029	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001

DATE	METOLACHLOR WATER DISSOLV (UG/L) (39415)	MALATHION, DISSOLVED (UG/L) (39532)	PARATHION, DISSOLVED (UG/L) (39542)	DIAZINON, DISSOLVED (UG/L) (39572)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 17...	.005	<.005	<.004	.006	.017	<.002	<.002	<.004	<.003	<.002	<.004	<.002

DATE	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 17...	<.007	<.002	<.006	<.002	<.004	.034	<.004	<.003	<.002	<.003	<.013	<.003

DATE	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
MAY 17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.010	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 17...	0800	.03	2	.00	86

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
MAY 17...	1530	18.0	30.0	750	.36	7.4	.5	229	233	9.4	101	8.0

DATE	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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)
MAY 17...	8.2	0	144	118	41	33	<1	33	<.020	<.010	E.10

DATE	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)	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 17...	E.10	.360	E.007	<.006	<.010	110	27.6	11.1	.8	.0	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)
MAY 17...	.3	1.5	1.4	<.1	7.3	E10	16	124	122	2.47	.17

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 1999 TO SEPTEMBER 2000

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)
MAY 17...	<.007	<.002	<.005	<.018	<.004	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 17...	<.002	<.005	<.004	<.002	<.004	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 17...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003

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 17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.007	<.013	<.010	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	1530	7.4	3	.06	86

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
MAY 17...	1230	18.0	33.5	754	.19	2.2	.5	285	295	8.4

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)
MAY 17...	90	7.6	8.0	0	174	143	190	130	<1	14

DATE	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
MAY 17...	1.1	.09	.030	<.010	E.10	.12	.957	.04	.034	.018

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAY 17...	.012	.011	140	47.2	5.64	1.9	.1	3	.7	3.1

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 17...	2.0	<.1	7.8	<10	14	165	158	.99	.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 1999 TO SEPTEMBER 2000

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 17...	<.007	<.002	<.005	E.007	E.012	<.004	<.003	<.002	<.006	<.004	<.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 17...	<.002	<.005	<.004	<.002	.015	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 17...	<.007	<.002	<.006	<.002	<.004	.011	<.004	<.003	<.002	<.003	<.013	<.003

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 17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.010	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	1230	2.2	2	.01	93

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
MAY 18...	0830	18.0	749	.55	3.2	.5	385	378	9.0	97	7.9	8.1

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)
MAY 18...	0	200	164	240	73	9	12	<.020	<.010	E.10	E.10

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAY 18...	.970	E.006	E.004	<.010	180	13	63.2	4.59	5.1	.2	6

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 18...	.8	6.4	21.1	<.1	6.6	<10	8	217	210	1.88	.30

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 1999 TO SEPTEMBER 2000

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 18...	<.007	<.002	<.005	E.016	<.002	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 18...	<.002	<.005	<.004	<.002	<.005	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 18...	<.007	<.002	<.006	<.002	<.004	.044	<.004	<.003	<.002	<.003	<.013	<.003

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 18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 18...	0830	3.2	2	.02	73

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
MAY 18...	1610	21.0	31.0	751	.29	2.9	1.0	250	250	9.3	106	8.1

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 18...	8.1	0	145	119	100	62	3	5	.59	<.020	<.010	E.10

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAY 18...	.10	.489	.014	.007	<.010	120	42.5	3.06	1.5	.1	3

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 18...	.8	1.8	4.9	<.1	6.5	<10	9	137	135	1.07	.19

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 1999 TO SEPTEMBER 2000

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 18...	<.007	<.002	<.005	<.018	<.002	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 18...	<.002	<.005	<.004	<.002	<.001	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 18...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003

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 18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 18...	1610	2.9	5	.04	93

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
MAY 18...	1330	23.5	31.0	749	.58	3.2	.7	228	227	11.4

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)
MAY 18...	137	8.0	8.0	0	143	117	120	35	<1	<1

DATE	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
MAY 18...	1.0	.11	.026	<.010	E.10	.13	.864	.03	.055	.031

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAY 18...	.022	.018	100	35.2	3.08	3.0	.1	6	1.3	4.2

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 18...	6.7	<.1	7.2	<10	11	127	135	1.09	.17

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 1999 TO SEPTEMBER 2000

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 18...	<.007	<.002	<.005	<.018	E.003	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 18...	<.002	<.005	<.004	<.002	.005	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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)	PEB-EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	TEBU-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	MOL-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ETHO-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	BEN-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	CARBO-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	TER-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	PRON-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAY 18...	<.007	<.002	<.006	<.002	<.004	.025	<.004	<.003	<.002	<.003	<.013	<.003

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 18...	<.017	<.001	<.004	E.021	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 18...	1330	3.2	2	.02	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 1999 TO SEPTEMBER 2000

DATE	TIME	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
MAY 18...	0845	1.03	3.0	749	76	6.9	7.5	7.4	170	168	19.2	78

DATE	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)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
MAY 18...	1	25.8	3.33	.9	.1	1.2	3	77	94	0	2.1	<.1

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)
MAY 18...	4.8	3.0	<.10	.13	<.020	.22	.091	<.010	.008	<.010	.017

DATE	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	TUR-BID-ITY (NTU) (00076)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
MAY 18...	.12	.73	91	88	.5	K1	<1	53	58	<10	30

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 1999 TO SEPTEMBER 2000

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 18...	<.007	<.002	<.010	<.018	<.002	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 18...	<.002	<.005	<.004	<.002	<.001	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 18...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003

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 18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 18...	0845	3.0	3	.02	83

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 1999 TO SEPTEMBER 2000

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)	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)
MAY 18...	1100	17.9	26.0	748	.51	5.4	.6	267	267	8.4	90	7.9

DATE	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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)
MAY 18...	7.8	0	165	136	K440	310	<1	<1	<.020	<.010	<.10

DATE	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)	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 18...	E.10	.485	.013	.006	<.010	130	32.4	12.2	1.1	.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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAY 18...	.5	2.7	2.5	<.1	6.9	<10	7	146	142	2.12	.20

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 1999 TO SEPTEMBER 2000

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 18...	<.007	<.002	.009	<.018	E.005	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 18...	<.002	<.005	<.004	<.002	.006	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 18...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003

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 18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 18...	1100	5.4	2	.03	44

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAY 16...	1330	21.0	29.0	754	.74	4.1	.7	261	271	8.5	96

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)
MAY 16...	8.1	8.1	2	139	118	140	68	<1	<1	2.3	2.2

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)
MAY 16...	1.6	1.6	.083	.014	.581	1.6	1.7	.595	.11	2.57	.046

DATE	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
MAY 16...	.011	.006	<.010	120	6	27.7	13.1	1.8	.1	3	1.4

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 16...	10.5	3.0	.3	7.8	10	9	156	139	1.71	.21

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 1999 TO SEPTEMBER 2000

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 16...	<.007	<.002	<.007	E.008	E.006	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 16...	<.002	<.005	<.004	<.002	.007	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 16...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.005

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 16...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.010	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 16...	1330	4.1	2	.02	61

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02401760 LITTLE TALLASSEEHATCHEE CREEK NEAR WEAVER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
MAY 16...	0930	17.0	28.4	754	.45	7.7	1.9	229	236	8.2	86	7.8

DATE	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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)
MAY 16...	7.9	0	138	113	78	52	<1	<1	.027	<.010	E.10	E.10

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	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)	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 16...	.312	.03	.015	E.004	<.010	120	4	27.5	11.7	1.5	.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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAY 16...	1.7	2.2	2.4	<.1	10.5	40	22	129	127	2.68	.18

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02401760 LITTLE TALLASSEEHATCHEE CREEK NEAR WEAVER, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 16...	<.007	<.002	<.005	<.018	<.002	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 16...	<.002	<.005	<.004	<.002	<.001	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 16...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003

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 16...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.040	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 16...	0930	7.7	6	.12	95

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
MAY 15...	1700	22.0	755	1.34	3.4	.6	268	276	10.8	125	8.5	8.6

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 15...	12	127	124	190	110	<1	<1	.34	.25	<.020	<.010	.12

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
MAY 15...	.21	.134	.074	.037	.016	.024	130	4	27.3	14.6	6.0	.2

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 15...	9	2.9	9.2	8.1	.5	4.1	40	10	149	148	1.36	.20

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 1999 TO SEPTEMBER 2000

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 15...	<.007	<.002	<.005	E.015	<.002	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 15...	<.002	<.005	<.004	<.002	E.004	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 15...	<.007	<.002	<.006	<.002	<.004	.024	<.004	<.003	<.002	<.003	<.013	<.003

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 15...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 15...	1700	3.4	3	.03	74

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 1999 TO SEPTEMBER 2000

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)	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)
MAY 15...	1105	20.0	24.0	760	.75	10	1.9	1710	1740	7.6	84

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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
MAY 15...	7.9	8.2	0	317	260	44	32	<1	<1	2.9

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, 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)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)
MAY 15...	2.8	1.7	1.6	.039	<.010	1.6	1.7	1.15	.05	21.9

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)	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 15...	8.93	8.65	7.15	150	37.1	13.6	288	10	78	26.2

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 15...	196	278	.3	11.9	110	22	1050	1030	28.9	1.43

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 1999 TO SEPTEMBER 2000

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 15...	<.007	<.002	<.005	E.013	E.014	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 15...	<.002	<.005	<.004	<.007	.135	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 15...	<.007	<.002	<.006	<.002	<.004	.066	<.004	<.003	<.002	<.013	<.013	<.003

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 15...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 15...	1105	10	2	.06	94

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPER-ATURE WATER (DEG C) (00010)	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)	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 18...	1415	24.3	754	.61	4.0	.5	221	218	9.4	114	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)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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)
MAY 18...	0	119	97	K24	K24	<1	<1	<.020	<.010	<.10	E.10

DATE	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)	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 18...	.191	.016	.009	<.010	100	6	35.1	3.75	1.3	.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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAY 18...	.9	2.2	3.9	<.1	6.3	E10	8	120	113	1.30	.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 1999 TO SEPTEMBER 2000

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)	DI-LINDANE DIS-SOLVED (UG/L) (39341)	ELDRIN DIS-SOLVED (UG/L) (39381)
MAY 18...	<.007	<.002	<.005	<.018	<.002	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 18...	<.002	<.005	<.004	<.002	<.001	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 18...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003

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 18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 18...	1415	4.0	2	.02	78

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

0242339580 LITTLE CAHABA RIVER NEAR MAKEETA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
MAY 17...	1640	21.8	29.0	756	.10	3.0	2.7	373	370	7.5	86

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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)
MAY 17...	7.8	8.0	0	189	155	K2400	K2400	<1	<1	2.2	2.1

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)
MAY 17...	.19	.16	.051	.032	1.89	.21	.24	1.92	.07	8.35	.105

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)	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 17...	1.00	.361	.341	.326	170	13	58.0	5.69	6.2	.2	7

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)
MAY 17...	1.7	6.1	11.2	.4	7.2	E10	28	216	199	1.76	.29

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

0242339580 LITTLE CAHABA RIVER NEAR MAKEETA, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	<.007	<.002	.008	<.018	E.007	<.004	<.003	<.002	<.006	E.003	<.004	<.001

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 17...	<.002	<.005	<.004	.023	.034	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 17...	<.007	<.002	<.006	<.002	<.004	E.008	<.004	<.003	<.002	<.003	<.013	<.003

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 17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	1640	3.0	11	.09	49

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
MAY 17...	1320	20.8	29.0	753	1.23	9.4	1.8	374	373	7.6

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)
MAY 17...	86	7.7	8.0	0	214	175	110	85	<1	<1

DATE	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)
MAY 17...	.90	.90	<.020	<.010	.13	.13	.769	.202	.086	.071

DATE	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAY 17...	.066	180	3	59.8	7.05	3.5	.1	4	1.0	3.9

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 17...	7.2	.1	7.1	<10	13	208	199	5.28	.28

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 1999 TO SEPTEMBER 2000

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 17...	<.007	<.002	.008	E.007	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 17...	<.002	<.005	<.004	E.002	.018	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 17...	<.007	<.002	<.006	<.002	<.004	E.007	<.004	<.003	<.002	<.003	<.013	<.003

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 17...	<.017	<.001	<.004	E.011	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	1320	9.4	9	.23	43

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)
MAY 17...	1330	26.5	30.5	757	-.01	2.2	.6	280	282	8.7

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)
MAY 17...	109	8.3	8.1	0	132	108	81	53	K1	<1

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)
MAY 17...	.35	.21	.053	<.010	.26	.40	<.050	.07	.020	.006

DATE	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAY 17...	<.010	120	11	33.0	8.96	7.1	.3	11	2.2	8.8

DATE	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 17...	21.2	.2	2.2	40	13	156	149	.92	.21

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423536 BUCK CREEK AT BUCK CREEK RD AT ALABASTER, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
MAY 17...	0905	19.9	25.0	757	.77	16	1.6	391	409	7.9	87	8.1

DATE	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 17...	8.0	0	175	144	280	170	<1	<1	1.6	<.020	<.010	E.10

DATE	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)	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 17...	.13	1.50	.011	<.006	<.010	190	49	58.2	11.5	2.7	.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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAY 17...	3.0	7.2	46.4	.3	5.7	<10	5	237	228	10.2	.32

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423536 BUCK CREEK AT BUCK CREEK RD AT ALABASTER, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	<.007	<.002	.009	E.005	E.027	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 17...	.005	<.005	<.004	<.002	.060	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 17...	<.007	<.002	<.006	<.002	<.004	.010	<.004	<.003	<.002	<.003	<.013	<.003

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 17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	0905	16	9	.39	95

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

0242354650 CAHABA VALLEY CREEK AT INDIAN TRAIL ROAD NEAR INDIAN SPRINGS, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
MAY 15...	1715	21.0	20.0	756	1.67	5.5	2.3	320	350	7.8	88	8.0

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 15...	7.9	0	196	160	60	K93	<1	<1	.78	<.020	<.010	E.10

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAY 15...	.11	.674	.009	.007	<.010	170	5	56.5	6.06	2.5	.1	3

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 15...	.8	3.8	4.9	<.1	6.8	<10	26	187	181	2.78	.25

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

0242354650 CAHABA VALLEY CREEK AT INDIAN TRAIL ROAD NEAR INDIAN SPRINGS, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 15...	<.007	<.002	.050	E.004	E.018	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 15...	<.002	<.005	<.004	<.002	.030	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 15...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003

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 15...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS-CHARGE, INST. CUBIC PER SECOND (00061)	SEDI-MENT, FEET PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. SUS-% FINER THAN .062 MM (70331)
MAY 15...	1715	5.5	10	.15	95

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAY 18...	0835	20.6	22.0	753	1.4	.8	314	313	6.2	70

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)
MAY 18...	7.7	7.9	0	140	115	58	63	<1	<1	.45

DATE	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
MAY 18...	.23	.30	.10	.027	<.010	.11	.33	.124	.03	.017

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
MAY 18...	.007	<.010	130	17	37.2	9.56	7.5	.3	11	2.6

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 18...	8.9	29.0	.2	1.6	30	13	175	166	.66	.24

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 1999 TO SEPTEMBER 2000

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 18...	<.007	<.002	.012	E.006	E.008	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 18...	<.002	<.005	<.004	<.005	.017	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 18...	<.007	<.002	<.006	<.002	<.004	.358	<.004	<.003	<.002	<.003	<.013	<.003

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 18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 18...	0835	1.4	3	.01	58

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
MAY 18...	1345	27.8	30.0	753	.71	3.1	.6	326	320	9.8	127	8.3

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)
MAY 18...	8.1	0	130	106	63	K26	<1	<1	.42	.29	<.020	<.010

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
MAY 18...	.20	.33	.090	.014	.006	<.010	130	19	35.6	8.85	12.0	.5

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 18...	17	2.7	15.6	30.2	.3	2.1	60	15	183	172	1.54	.25

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 1999 TO SEPTEMBER 2000

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 18...	<.007	<.002	.026	E.012	E.006	<.004	<.003	<.002	<.006	<.004	<.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)
MAY 18...	.004	<.005	<.004	<.002	.019	<.002	<.002	<.004	<.003	E.003	<.004	<.002

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 18...	<.007	<.002	<.006	<.002	<.004	.124	<.004	<.003	<.002	<.003	<.013	.007

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 18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.010	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 18...	1345	3.1	1	.01	80

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423590 UNNAMED TRIBUTARY TO SHADES CREEK AT FEDEX NEAR OXMOOR, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAY 17...	1650	24.7	29.0	757	.58	.54	.8	471	478	6.8	83

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)
MAY 17...	8.1	8.0	0	140	115	860	510	<1	<1	2.2	2.0

DATE	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)
MAY 17...	.98	.79	.241	.273	.712	1.0	1.2	.985	.31	3.15	.897

DATE	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAY 17...	.291	.158	.115	.095	150	39	50.8	6.61	28.0	1	28

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 17...	2.9	53.1	29.5	.4	7.5	20	22	281	253	.41	.38

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02423590 UNNAMED TRIBUTARY TO SHADES CREEK AT FEDEX NEAR OXMOOR, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	<.007	<.002	.009	E.017	<.002	<.004	<.003	<.002	<.006	.012	<.004	<.001

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 17...	.005	<.005	<.004	.018	.014	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 17...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.020

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 17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	1650	.54	3	.00	60

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
MAY 15...	1100	19.2	21.0	755	.41	1.0	3.9	310	314	6.7	73	7.6

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)
MAY 15...	8.0	0	173	142	100	68	<1	<1	.42	.26	<.020	<.010

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAY 15...	.20	.36	.063	.027	.007	<.010	89	26.9	5.26	30.2	1	42

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 15...	1.2	4.9	9.1	.2	4.9	40	50	184	168	.52	.25

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 1999 TO SEPTEMBER 2000

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 15...	<.007	<.002	<.005	<.018	<.002	<.004	<.003	<.002	<.006	<.004	<.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)
MAY 15...	<.002	<.005	<.004	.004	<.005	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 15...	<.007	<.002	<.006	<.020	<.004	.022	<.004	<.003	<.002	<.035	<.013	<.003

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 15...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 15...	1100	1.0	40	.11	90

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 1999 TO SEPTEMBER 2000

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)	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)
MAY 16...	0850	19.7	20.5	758	.89	32	1.9	362	384	11.5	127	8.3

DATE	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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)
MAY 16...	8.1	0	163	134	K250	330	<1	<1	.90	.85	<.020	<.010

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 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)	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 16...	.10	.15	.745	.013	E.004	<.010	190	53	51.2	14.3	2.9	.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)	DIS-SOLVED (MG/L AS SIO2) (00955)	SILICA, 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 16...	3	5.3	7.3	42.9	<.1	7.0	40	5	224	215	19.4	.30

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 1999 TO SEPTEMBER 2000

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 16...	<.007	<.002	<.005	E.016	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 16...	<.002	<.005	<.004	<.002	.012	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 16...	<.007	<.002	<.006	<.002	<.004	.015	<.004	<.003	<.002	<.003	<.013	<.003

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 16...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 16...	0850	32	16	1.4	84

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 1999 TO SEPTEMBER 2000

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)	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)
MAY 16...	1215	20.7	22.0	756	.47	5.2	.8	311	329	8.2	92	8.1

DATE	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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)
MAY 16...	8.1	0	211	173	160	110	<1	<1	.29	.25	<.020	<.010

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 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)	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 16...	.14	.19	.101	.017	.006	<.010	170	2	43.0	16.4	1.3	0

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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAY 16...	2	.4	2.1	1.6	<.1	7.2	20	26	179	176	2.49	.24

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 1999 TO SEPTEMBER 2000

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 16...	<.007	<.002	<.005	E.008	<.002	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 16...	<.002	<.005	<.004	<.002	<.001	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 16...	<.007	<.002	<.006	<.002	<.004	.013	<.004	<.003	<.002	<.003	<.013	<.003

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 16...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 16...	1215	5.2	5	.07	90

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 1999 TO SEPTEMBER 2000

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)	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)
MAY 19...	1230	23.0	27.0	753	.41	4.7	.5	341	334	10.0	118

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 WATER WHOLE TOTAL UREASE (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)
MAY 19...	8.3	8.2	0	204	167	72	K34	<.020	<.010	E.10	E.10

DATE	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)	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 19...	.826	.013	.008	<.010	170	3	39.6	17.4	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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAY 19...	.6	3.5	4.3	<.1	6.9	<10	4	180	178	2.30	.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 1999 TO SEPTEMBER 2000

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 19...	<.007	<.002	.033	E.008	E.016	<.004	<.003	<.002	E.002	<.004	<.004	<.001

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 19...	<.002	<.005	<.004	<.002	.018	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 19...	<.007	<.002	<.006	<.002	<.004	E.009	<.004	<.003	<.002	<.003	<.013	<.003

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 19...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 19...	1230	4.7	1	.01	71

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPER-ATURE WATER (DEG C) (00010)	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)	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 16...	1415	19.8	755	.73	11	.4	347	352	9.1	101	8.2	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-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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)
MAY 16...	0	212	173	K13	K18	<1	K1	<.020	<.010	E.10	E.10

DATE	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)	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 16...	1.03	.012	.006	<.010	180	2	38.5	19.3	2.6	.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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAY 16...	.7	3.8	4.4	<.1	6.7	<10	4	196	185	5.82	.27

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 1999 TO SEPTEMBER 2000

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 16...	<.007	<.002	.025	E.013	E.012	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 16...	<.002	<.005	<.004	.009	.020	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 16...	<.007	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003

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 16...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	MENT, SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI- DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY 16...	1415	11	3	.09	52

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 1999 TO SEPTEMBER 2000

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)	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)
MAY 17...	0910	17.9	1.0	751	.74	3.9	.6	389	391	8.2	88	7.9

DATE	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	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)
MAY 17...	8.1	0	232	190	680	560	<1	<1	<.020	<.010	E.10	E.10

DATE	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)	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 17...	1.21	.008	<.006	<.010	190	4	44.9	19.9	3.0	.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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
MAY 17...	.8	4.1	7.9	<.1	7.9	<10	8	218	208	2.27	.30

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 1999 TO SEPTEMBER 2000

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 17...	<.007	<.002	.021	E.010	E.015	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 17...	<.002	<.005	<.004	E.001	.019	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 17...	<.007	<.002	<.006	<.002	<.004	.010	<.004	<.003	<.002	<.003	<.013	<.003

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 17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 17...	0910	3.9	1	.01	71

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02461200 VALLEY CREEK AT CLEBURNE AVENUE NEAR POWDERLY, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
MAY 16...	0905	18.9	754	.74	9.7	.4	498	509	6.8	74	7.6	8.1

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 16...	0	215	176	400	340	<1	<1	.36	.26	<.020	<.010	.19

DATE	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAY 16...	.29	.067	.033	E.005	<.010	210	34	55.1	17.7	17.6	.5	15

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 16...	3.0	25.2	46.2	.2	5.7	E10	26	291	277	7.62	.40

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

02461200 VALLEY CREEK AT CLEBURNE AVENUE NEAR POWDERLY, AL

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 16...	<.007	<.002	.018	.021	E.007	<.004	<.003	<.002	<.006	<.004	<.004	<.001

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 16...	<.002	<.005	<.004	.014	.011	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 16...	<.007	<.002	<.006	<.002	<.004	<.020	<.004	<.003	<.002	<.003	<.013	<.003

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 16...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.160	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 16...	0905	9.7	4	.10	83

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
MAY 15...	1610	21.2	21.0	756	.28	1.8	1.8	323	325	7.4	84	8.0

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)
MAY 15...	8.2	0	203	166	K17	K13	<1	<1	.49	.46	<.020	<.010

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAY 15...	.12	.14	.345	E.005	E.004	<.010	160	39.2	14.5	2.6	.1	3

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 15...	.9	3.6	4.9	<.1	5.6	<10	5	183	173	.91	.25

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 1999 TO SEPTEMBER 2000

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 15...	<.007	<.002	.010	E.002	E.004	<.004	<.003	<.002	<.006	<.004	<.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 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 15...	<.002	<.005	<.004	<.002	.011	<.002	<.002	<.004	<.003	<.002	<.004	<.002

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 15...	<.007	<.002	<.006	<.007	<.004	E.006	<.004	<.003	<.002	<.050	<.013	<.003

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 15...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 15...	1610	1.8	5	.02	50

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

03574680 TENNESSEE RIVER NEAR MORGAN CITY, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	LINDANE DIS-SOLVED (UG/L) (39341)
APR											
03...	<.007	<.002	.018	E.006	<.010	<.003	<.002	<.006	<.020	<.004	<.004
04...	<.007	<.002	.032	E.005	<.004	<.003	<.002	<.006	<.002	<.004	<.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)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	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)
APR											
03...	<.001	.067	<.005	<.004	<.002	<.002	<.002	<.002	E.023	<.004	<.003
04...	<.001	.021	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003

DATE	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)	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)	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)
APR											
03...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
04...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003

DATE	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)	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)
APR											
03...	<.013	<.003	<.017	<.001	<.004	<.002	<.010	<.003	<.013	<.001	<.005
04...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

03575200 HURRICANE CREEK NEAR GURLEY, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)
MAY 10...	0845	20.3	21.0	747	22	282	296	6.0	68	7.8	8.1	165

DATE	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
MAY 10...	135	6	120	1.0	.91	.20	.10	.022	<.010	.11	.22	.796

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM SODIUM, DISSOLVED (MG/L AS NA) (00930)	ADSORPTION RATIO (00931)
MAY 10...	.03	<.008	.010	<.010	1.2	.3	140	7	49.1	4.90	1.2	.0

DATE	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	SOLIDS, MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
MAY 10...	2	.5	2.9	7.9	<.1	5.0	<10	30	164	156	9.74	.22

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

03575200 HURRICANE CREEK NEAR GURLEY, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	LINDANE DIS-SOLVED (UG/L) (39341)
MAY 10...	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002	<.004	<.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)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	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)
MAY 10...	<.001	.007	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.004	<.003

DATE	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)	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)	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)
MAY 10...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003

DATE	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)	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...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

03575480 HUNTSVILLE WATER SUPPLY—WHEELER LAKE

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	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)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	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)
APR										
03...	1815	148	155	7.4	7.4	--	.82	.68	.37	.24
04...	1400	145	154	7.6	7.5	40	.81	.66	.35	.21

DATE	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)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	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)
APR									
03...	.057	<.010	.30	.43	.387	.07	.046	.114	E.032
04...	.047	<.010	.25	.40	.407	.06	.046	.109	.024

DATE	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV LAB AS CACO3 (MG/L) (00905)	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)
APR									
03...	.015	61	6	19.2	3.12	4.7	.3	14	1.5
04...	.015	57	4	17.6	3.19	5.3	.3	16	1.6

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 AC-FT) (70303)
APR									
03...	5.3	8.9	<.1	3.6	20	3	90	81	.12
04...	5.7	10.2	<.1	3.8	20	26	89	81	.12

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

03575480 HUNTSVILLE WATER SUPPLY—WHEELER LAKE--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	LINDANE DIS-SOLVED (UG/L) (39341)
APR											
03...	<.007	<.002	.058	E.005	<.010	<.003	<.002	<.006	<.020	<.004	<.004
04...	<.007	<.002	.068	E.005	<.004	<.003	<.002	<.006	<.020	<.004	<.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)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	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)
APR											
03...	<.001	.309	<.005	<.004	.009	<.002	<.002	<.002	E.020	<.004	<.003
04...	<.001	.087	<.005	<.004	.007	<.002	.011	<.002	E.010	<.004	<.003

DATE	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)	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)	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)
APR											
03...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
04...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003

DATE	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)	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)
APR											
03...	<.013	<.003	<.017	<.001	<.004	<.002	.038	<.003	<.013	<.001	<.005
04...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

03575490 TENNESSEE RIVER DOWNSTREAM OF HOBBS ISLAND NEAR WHITESBURG, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)
APR										
03...	1745	158	166	7.6	7.3	25	.71	.66	.28	.23
04...	1400	151	159	7.7	7.4	--	.77	.67	.29	.18

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)
APR									
03...	.058	<.010	.29	.34	.371	.07	.031	.068	.014
04...	.053	<.010	.24	.34	.429	.07	.046	.097	.024

DATE	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV LAB AS CACO3 (MG/L) (00905)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
APR									
03...	.010	62	5	18.9	3.62	6.2	.3	18	1.5
04...	.015	59	6	17.7	3.50	6.1	.3	18	1.6

DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)
APR									
03...	6.5	11.2	<.1	3.6	E10	E1	93	88	.13
04...	6.4	11.5	<.1	4.0	10	10	88	84	.12

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

03575490 TENNESSEE RIVER DOWNSTREAM OF HOBBS ISLAND NEAR WHITESBURG, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	LINDANE DIS-SOLVED (UG/L) (39341)
APR											
03...	<.007	<.002	.022	E.006	<.004	<.003	<.002	<.006	<.020	<.004	<.004
04...	<.007	<.002	.032	E.005	<.004	<.003	<.002	<.006	<.020	<.004	<.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)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	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)
APR											
03...	<.001	.110	<.005	<.004	<.002	<.002	<.002	<.002	E.036	<.004	<.003
04...	<.001	.016	<.005	<.004	<.002	<.002	<.002	<.002	<.003	<.012	<.003

DATE	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)	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)	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)
APR											
03...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003
04...	<.002	<.004	<.002	<.007	<.006	<.002	<.004	<.004	<.003	<.002	<.003

DATE	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)	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)
APR											
03...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
04...	<.013	<.003	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005

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 at 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 in Village and Valley Creeks. Data collected included basic water quality, bed sediment, and biological data.

02423400 LITTLE CAHABA RIVER NEAR JEFFERSON PARK, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)
FEB												
28...	1115	14.6	15.0	756	28	100	296	294	9.9	98	8.0	8.1
MAR												
28...	1220	16.7	--	733	27	20	378	378	9.2	99	7.7	8.1
JUN												
27...	1115	23.3	26.3	753	6.8	26	403	396	6.6	78	7.5	7.9

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
FEB												
28...	0	153	125	--	490	430	--	1.6	1.4	.58	.35	.052
MAR												
28...	0	--	--	K62	--	1800	K72	1.4	1.4	.18	.13	.022
JUN												
27...	0	226	185	200	--	270	290	3.0	2.4	--	--	<.020

DATE	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)
FEB												
28...	<.010	.40	.63	.951	.07	.089	.058	.035	.029	4.4	130	4
MAR												
28...	<.010	.15	.20	1.23	.03	.061	.030	.019	.020	2.2	170	--
JUN												
27...	<.010	.20	.73	2.23	--	.083	.057	.041	.027	2.5	150	--

DATE	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)
FEB												
28...	44.2	4.66	4.0	.2	6	6.1	4.6	16.5	.1	7.3	<3	39.1
MAR												
28...	58.8	5.74	4.9	.2	6	6.9	4.9	17.3	<.1	8.7	--	--
JUN												
27...	47.9	6.15	6.3	.2	8	8.9	7.2	24.1	.2	8.9	<3	58.8

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02423400 LITTLE CAHABA RIVER NEAR JEFFERSON PARK, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	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)	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)
FEB												
28...	<5	<.1	<1	<2	2	360	20	3	19	9	6	<2
MAR												
28...	--	--	--	--	--	--	<10	--	--	16	--	--
JUN												
27...	<5	E.1	<1	E1	3	250	<10	4	44	12	4	<2

DATE	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)	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)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)
FEB											
28...	<1	<31	418	E6.1	<3	183	171	167	13.0	.23	<.3
MAR											
28...	--	--	--	--	--	218	213	--	--	--	--
JUN											
27...	<1	<31	231	<7.0	<3	250	234	231	4.33	.32	<.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)
FEB									
28...	1115	<2	<2	<2	<3	<3	<3	<3	<2
JUN									
27...	1115	<2	<2	<2	<3	<3	<3	<3	<2

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)
FEB								
28...	<2	<3	<2	<2	<3	<2	<3	<2.1
JUN								
27...	<2	<3	<2	<2	<3	<2	<3	<2.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02423400 LITTLE CAHABA RIVER NEAR JEFFERSON PARK, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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											
28...	<.007	<.002	<5.35	.161	E.008	E.013	<.004	<.003	<.002	<.006	<.37
JUN											
27...	<.007	<.002	<3.48	.005	E.010	E.007	<.004	<.003	<.002	<.006	<.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)
FEB											
28...	<.09	<.17	<.13	<.03	<.08	<.04	<.10	<.06	<.41	.005	<.004
JUN											
27...	<.09	<.17	<.13	<.03	<.08	<.04	<.10	<.06	<.02	<.004	<.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											
28...	<.001	.004	.008	<.004	.035	.132	<.22	<.04	<.06	<.002	<.25
JUN											
27...	<.001	<.002	<.005	<.004	.013	.014	<.11	<.04	<.06	<.002	<.25

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											
28...	<.04	<.002	<1.10	<.31	<.04	<.07	<.36	<.07	<.42	<1.74	<.06
JUN											
27...	<.04	<.002	<.05	<.31	<.04	<.07	<.57	<.22	<.42	<.06	<.06

DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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											
28...	<.03	<.07	<.04	<3.51	<.48	<.20	<.29	<.07	<.04	<.25	<1.81
JUN											
27...	<.03	<2.06	<.04	<.23	<.48	<.36	<.29	--	<.04	E.06	E.08

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02423400 LITTLE CAHABA RIVER NEAR JEFFERSON PARK, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)
FEB											
28...	<1.37	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006
JUN											
27...	<.35	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006

DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
FEB										
28...	<.002	<.004	E.011	<.004	<.003	<.002	<.003	<.013	<.003	<.017
JUN										
27...	<.002	<.004	E.008	<.004	<.003	<.002	<.003	<.013	<.003	<.017

DATE	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	PENDIDCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	NAPROPMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PROAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	METHYL PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PERAZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
FEB										
28...	<.001	<.004	E.005	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUN										
27...	<.001	<.004	E.076	<.002	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458150 VILLAGE CREEK AT EASTLAKE PARK IN BIRMINGHAM, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
MAR												
01...	1625	18.5	24.5	747	3.7	2	393	395	8.8	96	--	7.9
APR												
01...	1139	19.1	--	740	11	5	381	378	8.8	98	--	7.7
JUN												
30...	1020	19.2	25.3	748	2.7	8	390	390	7.4	82	--	7.7
AUG												
01...	1500	24.0	27.5	751	2.5	7	379	380	7.1	86	1.5	8.1
07...	1600	25.7	35.6	738	--	--	396	--	6.3	80	--	7.4
30...	1345	23.4	29.0	748	1.3	2	389	385	7.0	84	1.7	8.1

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
MAR												
01...	8.1	0	239	196	--	330	260	--	--	--	--	<.020
APR												
01...	8.0	0	220	180	270	--	>800	--	--	330	--	<.020
JUN												
30...	7.9	0	232	190	4900	--	K530	--	--	1000	1.1	<.020
AUG												
01...	8.0	0	224	184	--	1300	1200	<.1	--	1200	1.0	<.020
30...	8.2	0	236	193	--	510	490	<.1	<.1	690	--	<.020

DATE	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)
MAR												
01...	<.010	E.10	E.10	1.08	--	.010	.006	<.010	1.3	200	1	46.7
APR												
01...	<.010	<.10	E.10	1.26	--	.015	.009	<.010	3.4	180	4	45.0
JUN												
30...	<.010	E.10	.13	.993	--	.008	.008	<.010	1.6	200	12	47.3
AUG												
01...	<.010	E.10	.10	.935	.031	.016	.011	.010	1.1	180	1	43.3
30...	<.010	E.10	E.10	.906	.037	.012	.007	.012	.81	190	--	43.8

DATE	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)
MAR												
01...	19.5	3.3	.1	3	.9	4.4	10.2	<.1	7.9	<3	27.1	<5
APR												
01...	17.4	3.2	.1	4	.9	4.8	10.5	<.1	8.0	--	--	--
JUN												
30...	20.6	2.9	.1	3	.8	5.4	6.8	.2	8.8	<3	27.3	<5
AUG												
01...	18.5	3.4	.1	4	.9	5.2	9.0	<.1	8.1	--	--	--
30...	19.7	2.7	.1	3	.8	4.6	7.9	<.1	7.7	E2	27.5	<5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458150 VILLAGE CREEK AT EASTLAKE PARK IN BIRMINGHAM, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	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)	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)
MAR											
01...	<.1	<1	<2	<1	40	10	<1	13	11	<1	<2
APR											
01...	--	--	--	--	--	E10	--	--	11	--	--
JUN											
30...	<.1	<1	<2	<1	40	<10	<1	18	15	<1	<2
AUG											
01...	--	--	--	--	--	<10	--	--	17	--	--
30...	<.1	E1	<2	<1	30	<10	<1	16	12	<1	<2

DATE	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)	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)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)
MAR											
01...	<1	<31	E20	E4.0	<3	217	218	215	2.18	.30	<.3
APR											
01...	--	--	--	--	--	204	204	204	5.89	.28	--
JUN											
30...	<1	<31	35	<7.0	<3	233	218	211	1.59	.30	<.3
AUG											
01...	--	--	--	--	--	207	212	203	1.41	.29	--
30...	<1	<31	E19	<7.0	<3	208	212	207	.74	.29	<.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)
MAR									
01...	1625	<2	M	M	E1	E1	E1	E1	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)
MAR								
01...	M	E1	M	E1	E1	E1	M	<2.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458150 VILLAGE CREEK AT EASTLAKE PARK IN BIRMINGHAM, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
AUG											
01...	<.007	<.002	<.12	.016	E.009	E.013	<.004	<.003	<.002	<.006	<.04
30...	<.007	<.002	<.06	.014	E.005	E.011	<.004	<.003	<.002	<.006	<.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)
AUG											
01...	<.09	<.17	<.13	<.03	<.08	<.04	<.10	<.06	<.14	E.004	<.004
30...	<.09	<.17	<.13	<.03	<.08	<.04	<.10	<.06	<.02	<.004	<.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)
AUG											
01...	.005	<.002	<.005	<.004	E.004	.019	<.11	<.04	<.06	<.002	<.25
30...	<.001	<.002	<.005	<.004	<.002	.012	<.11	<.04	<.06	<.002	<.25

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)
AUG											
01...	<.04	<.002	<.05	<.31	<.04	<.07	<.02	<.07	<.42	<.06	<.06
30...	<.04	<.002	<.11	<.31	<.04	<.07	<.12	<.07	<.42	<.06	<.06

DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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)
AUG											
01...	<.03	<.07	<.04	<.23	<.48	<.24	<.29	<.07	<.04	<.54	<.10
30...	<.03	<.07	<.04	<.23	<.48	<.11	<.29	<.07	<.04	<.57	<.10

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458150 VILLAGE CREEK AT EASTLAKE PARK IN BIRMINGHAM, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)
AUG											
01...	<.12	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006
30...	<.02	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006

DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L)
AUG										
01...	<.002	<.004	E.009	<.004	<.003	<.002	<.003	<.013	<.003	<.017
30...	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003	<.017

DATE	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
AUG										
01...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
30...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458150 VILLAGE CREEK AT EASTLAKE PARK IN BIRMINGHAM, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	THALLIUM BED MAT D SIEVE <63 U TOTAL (UG/G) (04064)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)
AUG 07...	<1	1.3	22	260	3.1	<1	.6	1.3	110	83	19	45

DATE	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)
AUG 07...	2	15	<1	1	4.5	48	130	44	.70	1300	.27	1.4

DATE	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	STRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 07...	44	38	19	.085	1.2	12	.8	.2	.055	44	.08	1

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANADIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	YTTERBIUM BOT MAT <63U WS FIELD (UG/G) (35015)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39333)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG) (39343)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39351)	P,P'-DDD, RECOVER IN BOTTOM MATERIAL (UG/KG) (39363)
AUG 07...	14	6	4.1	87	36	4	270	12	<.2	<.2	34	<1.9

DATE	P,P'-DDE, RECOVER IN BOTTOM MATERIAL (UG/KG) (39368)	P,P'-DDT, RECOVER IN BOTTOM MATERIAL (UG/KG) (39373)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39383)	ENDOSULFAN I TOTAL IN BOTTOM MATERIAL (UG/KG) (39389)	TOXAENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39393)	HEPTAETHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39399)	HEPTAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39403)	METHCHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG) (39413)	MALACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	OXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG) (39519)	THION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39531)
AUG 07...	.4	.6	<.2	<.2	<.2	<.2	<50	<.2	<.2	<2	6	<.2

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39541)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG) (39571)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG) (39758)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39787)	BENZENE HEXACHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49343)	PHTHALATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	PHTHALATE, DIOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	PHTHALATE, DIETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	PHTHALATE,DIMETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)
AUG 07...	<.2	<.2	<.2	<.2	<.2	<50	E10	<50	<50	<50	500	E10

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458150 VILLAGE CREEK AT EASTLAKE PARK IN BIRMINGHAM, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)
AUG 07...	260	<50	<50	E10	<50	<50	<50	300	<50	E10	<50	<50

DATE	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)
AUG 07...	M	<50	M	<50	M	<50	210	290	E20	E40	E10	<50

DATE	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)
AUG 07...	<50	<50	110	E10	E10	E10	E30	<50	<50	E50	E10	270

DATE	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)
AUG 07...	110	<50	<50	<50	<50	<50	<50	<50	50	380	E10

DATE	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	BIS2CHL ETHYL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49456)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)
AUG 07...	E10	<50	<50	<50	350	<50	60	660	<50	<50	<50

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)
AUG											
01...	0810	24.3	25.4	773	28	48	366	371	5.4	64	2.5
11...	0900	25.0	24.4	748	16	--	310	--	4.8	59	--
30...	0830	26.2	25.0	751	10	20	503	505	6.2	78	3.6

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	NITROGEN, TOTAL (MG/L AS N) (00600)
AUG											
01...	7.8	7.7	0	163	133	2400	3000	<.1	--	5700	1.4
11...	7.0	--	--	--	--	--	--	--	--	--	--
30...	8.0	8.0	0	178	146	K1900	K4100	<.1	<.1	K7400	.89

DATE	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)
AUG											
01...	1.3	.36	.29	.089	.019	.887	.38	.45	.906	.11	3.93
30...	.70	.50	.31	.045	.025	.328	.35	.54	.353	.06	1.45

DATE	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)
AUG											
01...	.062	.190	.121	.089	.062	6.0	160	25	43.1	12.4	5.6
30...	.082	--	.046	.015	<.010	4.4	220	73	57.8	18.2	7.7

DATE	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	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)
AUG											
01...	.2	7	5.4	9.8	34.0	.5	10.7	--	--	--	--
30...	.2	7	10.5	35.6	52.4	.6	8.9	8	124	<5	2.8

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 1999 TO SEPTEMBER 2000

DATE	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, DISSOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (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)
AUG											
01...	--	--	--	--	E10	--	--	62	--	--	--
30...	2	<2	3	230	50	2	53	48	56	E1	<1

DATE	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)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)
AUG										
01...	--	--	--	--	225	225	206	16.9	.31	--
30...	244	49	20.3	3	313	307	281	8.70	.42	<.3

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	PROMETON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DISSOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)
AUG											
01...	E.020	<.007	<.002	.57	<.005	<.018	<.010	<.004	<.003	<.002	<.006
30...	--	<.007	<.002	<.62	<.020	<.018	<.002	<.004	<.003	<.002	<.006

DATE	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)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLORPYRIFOS DISSOLVED (UG/L) (38933)
AUG											
01...	<.04	<.09	<.17	<.13	<1.80	<.08	<.04	<.10	<.06	<.02	<.004
30...	<.04	<.09	<.17	<.35	<.26	<.08	<.04	<.10	<.06	<.95	<.004

DATE	LINDANE DISSOLVED (UG/L) (39341)	DIELDRIN DISSOLVED (UG/L) (39381)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	MALATHION, DISSOLVED (UG/L) (39532)	PARATHION, DISSOLVED (UG/L) (39542)	DIAZINON, DISSOLVED (UG/L) (39572)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	2,4-D, DISSOLVED (UG/L) (39732)	2,4,5-T DISSOLVED (UG/L) (39742)	SILVEX, DISSOLVED (UG/L) (39762)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)
AUG											
01...	<.004	<.001	<.002	<.005	<.004	.030	.025	<.44	<.75	<.06	<.002
30...	<.004	<.001	<.002	<.005	<.004	<.002	<.010	<.11	<.49	<.33	<.002

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 1999 TO SEPTEMBER 2000

DATE	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)	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)
AUG											
01...	E.10	<.04	<.002	<.05	<.31	<.04	<.07	<1.60	<.07	<.57	.31
30...	<.25	<.51	<.002	<.05	<.31	<.04	<.58	<.02	<.07	<.42	<.06

DATE	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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)
AUG											
01...	<.06	<.12	<.07	<.41	<.23	<.48	<.11	<.29	.26	<.04	<.21
30...	<.06	<.13	<.07	<.04	<.23	<.48	<.98	<.29	<.15	.07	<1.50

DATE	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)	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)
AUG											
01...	<.15	<.02	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002
30...	<.10	<.02	<1.00	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002

DATE	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)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
AUG											
01...	<.006	<.002	<.004	.136	<.004	<.003	<.002	<.003	<.013	<.003	<.017
30...	<.006	<.002	<.004	<.030	<.004	<.003	<.002	<.003	<.013	<.003	<.017

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)	PENDI-DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	NAPROP-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PRO-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	METHYL PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PER-AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
AUG										
01...	<.001	<.004	E.42	<.002	<.002	<.004	<.003	<.013	<.001	<.005
30...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	THALLIUM BED MAT D SIEVE <63 U TOTAL (UG/G) (04064)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)
AUG 11...	<1	5.1	20	350	1.8	2	19	3.7	86	170	14	210

DATE	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)
AUG 11...	1	11	<1	1	4.5	37	430	35	1.2	1300	.45	7.1

DATE	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	STRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 11...	31	57	17	.12	.66	9	1.9	4.0	.060	80	.28	1

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANADIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	YTTERBIUM BOT MAT <63U WS FIELD (UG/G) (35015)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39333)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG) (39343)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39351)	P,P'-DDD, RECOVER IN BOTTOM MATERIAL (UG/KG) (39363)
AUG 11...	11	33	3.5	72	23	3	4000	55	<.2	<.2	54	<1.1

DATE	P,P'-DDE, RECOVER IN BOTTOM MATERIAL (UG/KG) (39368)	P,P'-DDT, RECOVER IN BOTTOM MATERIAL (UG/KG) (39373)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39383)	ENDOSULFAN I TOTAL IN BOTTOM MATERIAL (UG/KG) (39389)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39393)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39399)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39403)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG) (39413)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG) (39519)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39531)
AUG 11...	3.7	2.7	<.2	<.2	<.2	<.2	<50	<.2	<.2	<2	95	<.2

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39541)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG) (39571)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG) (39758)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39787)	BENZENE HEXACHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49343)	PHTHALATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	PHTHALATE, DIOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	PHTHALATE, DIETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	PHTHALATE,DIMETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)
AUG 11...	<.2	<.2	<.2	<.2	<.2	<50	E40	90	<50	<50	1400	80

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)
AUG 11...	E420	<50	M	E30	<50	<50	<50	1000	<50	110	<50	<50

DATE	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)
AUG 11...	<50	<50	60	E50	80	<50	E300	1200	120	130	60	<50

DATE	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)
AUG 11...	<50	<50	980	300	80	80	E40	<50	<50	300	60	1000

DATE	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)
AUG 11...	280	<50	<50	<50	E10	<50	<50	<50	170	1200	260

DATE	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	BIS2CHL ETHYL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49456)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)
AUG 11...	70	<50	<50	<50	1100	<50	E100	2000	<50	<50	E10

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)
MAR											
02...	1010	16.5	18.0	753	23	20	467	477	11.8	122	--
30...	1115	14.0	19.0	755	410	350	184	157	8.2	80	--
JUN											
30...	1630	29.2	30.8	748	16	22	386	382	11.1	148	--
AUG											
02...	1440	25.5	22.0	753	413	150	212	227	5.9	73	8.5
10...	1700	32.0	35.0	748	20	--	344	--	11.3	159	--
29...	0830	25.3	29.0	751	15	10	393	393	9.9	123	6.8

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)
MAR											
02...	8.1	8.3	0	211	173	--	180	K280	--	--	--
30...	7.2	7.2	0	67	55	K7800	--	>8000	--	--	>6000
JUN											
30...	8.5	8.0	0	146	120	K1400	--	K380	--	--	K260
AUG											
02...	8.1	7.9	0	83	68	--	19000	17000	<.1	--	25000
10...	8.3	--	--	--	--	--	--	--	--	--	--
29...	8.1	8.1	0	168	138	--	400	220	9.1	<.1	370

DATE	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)
MAR											
02...	1.6	1.5	.38	.33	.200	.047	.921	.53	.58	.968	.26
30...	1.6	1.1	.96	.40	.233	.013	.418	.63	1.2	.431	.30
JUN											
30...	1.7	1.6	.60	.44	.110	.077	.927	.55	.71	1.00	.14
AUG											
02...	1.6	.99	.80	.21	.087	.033	.665	.29	.88	.698	.11
29...	.88	.78	.33	.24	.041	.022	.483	.28	.38	.505	.05

DATE	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)
MAR											
02...	4.08	.154	--	.024	.007	<.010	4.1	210	41	55.7	18.2
30...	1.85	.043	.141	.167	.056	.046	9.1	65	10	18.7	4.33
JUN											
30...	4.10	.253	.049	.036	.023	.016	5.9	150	35	42.1	11.9
AUG											
02...	2.94	.108	.169	.269	.075	.055	4.8	91	23	25.5	6.62
29...	2.14	.072	--	.021	.006	<.010	4.0	180	40	46.0	15.2

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 1999 TO SEPTEMBER 2000

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)	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)
MAR											
02...	8.8	.3	8	6.5	12.8	50.3	.4	9.1	<3	57.8	<5
30...	1.9	.1	6	2.4	2.6	12.1	.2	4.8	--	--	--
JUN											
30...	7.0	.2	8	9.9	16.4	41.9	.5	11.0	E2	56.3	<5
AUG											
02...	3.9	.2	8	3.8	5.3	22.2	.3	5.6	--	--	--
29...	6.8	.2	7	6.4	12.1	39.8	.5	8.5	E2	66.3	<5

DATE	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)	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)
MAR											
02...	.9	<1	<2	11	140	30	4	47	44	16	E2
30...	--	--	--	--	--	20	--	--	14	--	--
JUN											
30...	.3	<1	<2	10	120	30	4	36	31	14	<2
AUG											
02...	--	--	--	--	--	<10	--	--	25	--	--
29...	.2	E1	<2	7	100	30	E1	48	34	46	E1

DATE	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)	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)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)
MAR											
02...	<1	316	E25	8.4	<3	286	282	270	17.5	.38	<.3
30...	--	--	--	--	--	231	93	82	103	.13	--
JUN											
30...	<1	89	66	10.5	<3	264	243	217	10.6	.33	<.3
AUG											
02...	--	--	--	--	--	373	127	117	142	.17	--
29...	<1	E16	69	7.1	<3	245	228	220	8.99	.31	<.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)
MAR									
02...	1010	<2	<2	<2	<3	<3	<3	<3	M

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 1999 TO SEPTEMBER 2000

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)
MAR								
02...	M	M	<2	M	<3	<2	<3	<2.1

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	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)
MAR											
30...	--	<.007	<.002	.99	.056	.146	<.020	<.004	<.003	<.002	<.006
AUG											
02...	E.038	<.007	<.002	<.32	.008	E.017	<.010	<.004	<.003	<.002	<.006
29...	E.029	<.007	<.002	<.22	<.030	<.040	<.20	<.004	<.003	<.002	<.006

DATE	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)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)
MAR											
30...	<.04	<.09	<.17	<.13	<.40	<.56	<.04	<.10	<.47	<.02	E.012
AUG											
02...	<.19	<.09	<.17	<.13	<.76	<.30	<.04	<.10	<.06	<.02	E.020
29...	<.16	<.09	<.17	<.13	<.83	<.08	<.04	<.15	<.39	<.02	<.040

DATE	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)	2,4,5-T DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)
MAR											
30...	<.004	<.001	<.002	<.025	<.004	.081	.202	<.87	<.04	<.06	<.002
AUG											
02...	<.004	<.001	<.002	--	<.004	.015	.024	<.27	<.04	<.06	<.002
29...	<.004	<.001	<.002	<.005	<.004	<.002	<.040	<.11	<.59	<.06	<.002

DATE	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)	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)
MAR											
30...	<.25	<.91	<.002	<.05	<.42	<.04	<.07	<.02	<.07	<.42	2.26
AUG											
02...	<.25	<.04	<.002	<.05	<.52	<.04	<.07	<.47	<.39	<.42	E.29
29...	<.25	<.04	<.002	<.05	<.51	<.12	<.07	<.02	<.07	<.42	<.12

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 1999 TO SEPTEMBER 2000

DATE	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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)
MAR											
30...	<.06	<.03	<.07	<.04	<.23	<.48	<.13	<1.95	<.07	<.04	<8.10
AUG											
02...	<.06	<.21	<.14	<.04	<.23	<.48	<.24	<.29	<.07	<.04	<10.8
29...	<.06	<.37	<.21	<.04	<.23	<.48	<.11	<.48	<.07	<.04	<10.9

DATE	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)	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)
MAR											
30...	<.10	<.02	<.09	<.14	<.004	<.003	E.001	<.004	<.002	<.007	<.002
AUG											
02...	<.10	<.02	<.09	<.14	<.004	<.003	E.002	<.004	<.002	<.007	<.002
29...	<1.47	<.02	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002

DATE	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)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
MAR											
30...	<.006	<.002	<.004	<.075	<.004	<.003	<.002	<.003	<.013	<.003	<.017
AUG											
02...	<.006	<.002	<.004	E.070	<.004	<.003	<.002	<.003	<.013	<.003	<.017
29...	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003	<.017

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)
MAR										
30...	<.001	<.004	E.43	<.002	<.002	<.040	<.003	<.013	<.001	<.005
AUG										
02...	<.001	<.004	E.037	<.002	<.002	.026	<.015	<.013	<.001	<.005
29...	<.001	<.004	<.30	<.002	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458450 VILLAGE CREEK AT AVENUE W AT ENSLEY, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	THALLIUM BED MAT D SIEVE <63 U TOTAL (UG/G) (04064)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)
AUG 10...	<1	3.8	21	300	2.3	1	10	4.2	84	110	14	120

DATE	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)
AUG 10...	1	13	<1	<1	4.0	38	240	37	1.3	1200	.23	4.6

DATE	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)	S SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	TRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 10...	31	41	17	.092	.92	10	1.2	1.4	.058	74	.24	1

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANADIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	YTTERBIUM BOT MAT <63U WS FIELD (UG/G) (35015)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39333)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG) (39343)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39351)	P,P'-DDD, RECOVER IN BOTTOM MATERIAL (UG/KG) (39363)
AUG 10...	11	16	3.4	76	23	2	2400	69	<.2	<.2	53	<3.0

DATE	P,P'-DDE, RECOVER IN BOTTOM MATERIAL (UG/KG) (39368)	P,P'-DDT, RECOVER IN BOTTOM MATERIAL (UG/KG) (39373)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39383)	ENDOSULFAN I TOTAL IN BOTTOM MATERIAL (UG/KG) (39389)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39393)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39399)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39403)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG) (39413)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG) (39519)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39531)
AUG 10...	7.1	<5.2	<.2	<.2	<.2	<.2	<50	<.2	<.2	<2	85	<.2

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39541)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG) (39571)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG) (39758)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39787)	BENZENE HEXACHLOROSED, BM WS,<2MM DW, REC (UG/KG) (49343)	PHTHALATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	PHTHALATE, DIOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	PHTHALATE, DIETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	PHTHALATE,DIMETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)
AUG 10...	<.2	<.2	<.2	<.2	<.2	<50	E40	<50	<50	<50	1400	110

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458450 VILLAGE CREEK AT AVENUE W AT ENSLEY, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)
AUG 10...	1000	<50	E10	<50	<50	<50	<50	1200	<50	170	<50	<50

DATE	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)
AUG 10...	260	E20	80	E40	150	<50	860	1500	160	210	60	<50

DATE	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)
AUG 10...	<50	<50	1200	130	110	170	<50	<50	<50	440	80	1200

DATE	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)
AUG 10...	290	<50	<50	<50	<50	<50	<50	<50	260	1400	180

DATE	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	BIS2CHL ETHYL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49456)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)
AUG 10...	90	<50	<50	<50	1600	<50	270	1700	<50	<50	E10

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458600 VILLAGE CREEK NEAR DOCENA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)
MAR											
02...	1600	18.6	20.0	750	87	12	510	506	8.6	94	7.2
APR											
02...	1230	17.1	22.0	715	2440	250	144	152	.0	0	7.2
JUL											
01...	1415	25.8	31.0	751	78	14	477	478	.0	0	7.3

DATE	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)
MAR											
02...	7.9	0	155	127	--	K180	200	--	7.1	7.2	.53
APR											
02...	7.4	0	61	50	>3000	--	>4000	>3000	1.8	1.1	1.0
JUL											
01...	6.8	0	146	120	K2000	--	44000	K4000	8.0	7.6	1.0

DATE	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)
MAR											
02...	.56	.040	.016	6.55	.60	.57	6.57	.05	29.0	.053	1.37
APR											
02...	.35	.219	.014	.537	.57	1.3	.551	.28	2.38	.046	.227
JUL											
01...	.61	.077	.032	6.88	.68	1.1	6.91	.10	30.5	.105	2.18

DATE	PHOSPHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS PHORUS DISSOLVED (MG/L AS P) (00666)	ORTHO, DISSOLVED (MG/L AS P) (00671)	HARDCARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS NESS TOTAL (MG/L AS CACO3) (00900)	NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAR											
02...	.539	.534	.446	4.1	170	47	47.1	13.7	24.0	.8	22
APR											
02...	.307	.095	.074	13	61	11	18.0	3.85	2.5	.1	8
JUL											
01...	.912	.721	.712	5.6	150	35	43.0	11.5	24.2	.8	24

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458600 VILLAGE CREEK NEAR DOCENA, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	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)
MAR										
02...	8.5	28.9	54.8	.5	9.2	E2	27.7	<5	.2	<1
APR										
02...	2.5	2.5	11.9	.2	5.0	--	--	--	--	--
JUL										
01...	10.8	30.2	53.4	.5	9.7	3	49.9	<5	.4	1

DATE	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, DISSOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (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)
MAR										
02...	<2	4	100	20	1	37	35	14	2	<1
APR										
02...	--	--	--	30	--	--	22	--	--	--
JUL										
01...	<2	9	640	30	8	121	38	21	2	<1

DATE	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)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)
MAR										
02...	161	42	8.2	<3	314	302	294	70.9	.41	<.3
APR										
02...	--	--	--	--	179	86	79	566	.12	--
JUL										
01...	149	416	11.2	<3	323	329	288	68.8	.45	<.3

DATE	TIME	ACENAPHTHYLENE TOTAL (UG/L) (34200)	ACENAPHTHENE 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)
MAR									
02...	1600	<2	M	<2	M	<3	<3	M	M

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)	NAPHTHALENE TOTAL (UG/L) (34696)
MAR								
02...	M	<3	<2	M	<3	<2	<3	<2.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458600 VILLAGE CREEK NEAR DOCENA, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
APR 02...	<.007	<.002	1.03	.044	.058	<.013	<.004	<.003	<.002	<.006	<.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)
APR 02...	<.21	<.17	<.13	<.21	<.82	<.04	<.10	<.13	<.66	E.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)
APR 02...	<.005	.004	<.015	<.004	.154	.156	<.38	<.04	<.06	<.002	<.25

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)
APR 02...	<.96	<.002	<.05	<.36	<.04	<.07	<2.31	<.17	<.42	1.81	<.06

DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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)
APR 02...	<.29	<.07	<.16	<.23	<.48	<.19	<1.52	<.07	<.04	<3.49	<.10

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)
APR 02...	<.02	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02458600 VILLAGE CREEK NEAR DOCENA, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
APR										
02...	<.002	<.004	E.065	<.010	<.003	<.002	<.003	<.013	<.003	<.017

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)
APR										
02...	<.001	<.004	E.089	<.002	<.002	.039	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461120 VALLEY CREEK AT 5TH AVENUE AND 7TH STREET IN BIRMINGHAM, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)
MAR											
01...	0945	17.8	21.0	752	1.8	10	473	473	8.2	88	--
31...	1425	19.0	25.5	760	1.8	20	599	674	7.1	77	--
JUN											
29...	1020	24.6	34.3	748	33	37	205	175	5.1	63	--
AUG											
02...	0830	25.1	27.0	753	2.2	14	408	415	5.3	65	4.9
08...	0730	24.7	25.4	742	--	--	454	--	5.9	73	--
31...	0850	24.3	22.5	749	1.1	<1	416	421	5.0	61	4.8

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)
MAR											
01...	7.9	8.1	0	201	165	--	3700	4500	--	--	--
31...	7.6	7.8	0	268	220	22000	--	60000	--	--	4300
JUN											
29...	7.5	7.4	0	61	50	>33000	--	>44000	--	--	--
AUG											
02...	8.0	7.9	0	167	137	--	K64000	K78000	<.1	--	K15000
08...	7.2	--	--	--	--	--	--	--	--	--	--
31...	7.9	7.9	0	171	140	--	4000	1900	<.1	<.1	K600

DATE	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)
MAR											
01...	2.2	2.1	.40	.30	.115	.082	1.58	.41	.51	1.66	.15
31...	2.8	2.7	.75	.69	.192	.080	1.75	.89	.94	1.83	.25
JUN											
29...	2.0	1.7	.85	.57	.338	.045	.754	.90	1.2	.799	.44
AUG											
02...	2.3	2.1	.56	.41	.262	.074	1.38	.67	.82	1.45	.34
31...	2.5	2.3	.47	.24	.137	.191	1.69	.38	.60	1.88	.18

DATE	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)
MAR											
01...	6.98	.269	.156	.096	.073	.051	4.1	200	37	56.7	14.7
31...	7.72	.263	.251	.158	.124	.082	5.4	220	--	61.7	15.6
JUN											
29...	3.34	.148	.239	.166	.115	.078	17	72	22	22.1	4.04
AUG											
02...	6.10	.243	.475	.252	.208	.155	27	190	51	55.1	12.2
31...	7.46	.628	.478	.244	.210	.156	3.4	190	46	52.7	13.3

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461120 VALLEY CREEK AT 5TH AVENUE AND 7TH STREET IN BIRMINGHAM, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)	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)
MAR											
01...	13.7	.4	13	3.2	12.1	53.4	.4	8.7	<3	32.6	<5
31...	44.0	1	30	4.2	70.9	52.2	.2	10.2	--	--	--
JUN											
29...	3.6	.2	9	2.3	5.1	18.4	.3	6.3	E2	25.6	<5
AUG											
02...	9.9	.3	10	4.2	9.1	48.2	.5	10.8	--	--	--
31...	11.0	.4	11	3.9	11.6	48.6	.6	8.7	<3	30.6	<5

DATE	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)	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)
MAR											
01...	<.1	<1	<2	4	110	50	E1	40	36	11	3
31...	--	--	--	--	--	30	--	--	52	--	--
JUN											
29...	.1	2	<2	12	330	20	8	38	20	7	<2
AUG											
02...	--	--	--	--	--	60	--	--	59	--	--
31...	<.1	2	<2	5	120	30	1	28	14	55	<2

DATE	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)	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)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)
MAR											
01...	2	<31	68	E4.9	<3	282	279	269	1.38	.38	<.3
31...	--	--	--	--	--	384	379	399	1.81	.52	--
JUN											
29...	1	69	367	E5.0	<3	141	136	96	12.3	.18	<.3
AUG											
02...	--	--	--	--	--	260	253	239	1.54	.34	--
31...	<1	E25	134	E6.2	<3	268	264	243	.80	.36	<.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)
MAR									
01...	0945	<2	<2	<2	<3	<3	<3	<3	<2
JUN									
29...	1020	M	<2	M	E1	M	M	M	E1
AUG									
31...	0850	<2	<2	<2	<3	<3	<3	M	M

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461120 VALLEY CREEK AT 5TH AVENUE AND 7TH STREET IN BIRMINGHAM, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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)
MAR								
01...	<2	<3	<2	<2	<3	<2	<3	<2.1
JUN								
29...	M	M	M	M	M	M	<3	<2.1
AUG								
31...	<2	<3	<2	M	<3	<2	<3	<2.1

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	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)
JUN											
29...	E.243	<.007	<.002	<3.10	.248	<.018	<.007	<.004	<.003	<.002	<.006
AUG											
02...	E.145	<.007	<.002	<.47	.019	E.030	E.004	<.004	<.003	<.002	<.006
31...	E.006	<.007	<.002	<.48	.017	.022	E.006	<.004	<.003	<.002	<.006

DATE	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)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)
JUN											
29...	<.47	<.70	<.17	<.13	<.14	<.37	<.04	<.10	<2.30	<.22	.010
AUG											
02...	<.04	<.09	<.17	<.22	<.03	<.08	.20	<.12	<.06	<.13	.006
31...	<.04	<.29	<.17	<.22	<.18	<.08	<.16	<.10	<.06	<.30	.021

DATE	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)	2,4,5-T DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)
JUN											
29...	<.004	<.001	<.002	.156	<.004	.052	.013	<.70	<.16	<.06	<.002
AUG											
02...	<.004	<.001	<.002	<.005	<.004	.009	.009	<.16	<.04	<.06	<.002
31...	<.004	<.001	<.002	<.005	<.004	.007	.013	<.24	<.04	<.06	<.002

DATE	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)	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)
JUN											
29...	<.25	<.58	<.002	<.05	<.31	<.15	<.49	<.34	<.56	<.42	<.27
AUG											
02...	<.25	<.04	<.002	<.13	<.31	<.04	<.07	<2.30	<.07	<.42	<.06
31...	<.25	<.67	<.002	<.10	<.31	<.04	<.07	<.43	<.26	<.42	<.06

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461120 VALLEY CREEK AT 5TH AVENUE AND 7TH STREET IN BIRMINGHAM, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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)
JUN											
29...	<.06	<.33	<.07	<.04	<.23	<.48	<2.20	<.96	<.07	<.04	<3.00
AUG											
02...	<.11	<.27	<.07	<.04	<.23	<.48	<.44	<.29	<.07	<.04	<3.90
31...	<.06	<.12	<.07	<.04	<.23	<.48	<.11	<.29	<.07	<.04	<.21

DATE	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)	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)
JUN											
29...	<.47	<.25	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002
AUG											
02...	<1.30	<.29	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002
31...	<.10	<.19	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002

DATE	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)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
JUN											
29...	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003	<.017
AUG											
02...	<.006	<.002	<.004	E.046	<.004	<.003	<.002	<.003	<.013	<.003	<.017
31...	<.006	<.002	<.004	<.020	<.004	<.003	<.002	<.003	<.013	<.003	<.017

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)
JUN										
29...	<.001	<.004	<.003	<.002	<.002	.019	<.003	<.013	<.001	<.005
AUG										
02...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
31...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461120 VALLEY CREEK AT 5TH AVENUE AND 7TH STREET IN BIRMINGHAM, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	THALLIUM BED MAT D SIEVE <63 U TOTAL (UG/G) (04064)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)
AUG 08...	<1	6.5	21	470	2.2	2	3.6	5.0	91	180	14	320

DATE	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)
AUG 08...	1	12	<1	1	4.8	39	800	37	1.7	1300	1.6	6.9

DATE	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	STRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 08...	32	47	17	.15	.92	10	1.5	20	.075	100	.51	2

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANADIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	YTTERBIUM BOT MAT <63U WS FIELD (UG/G) (35015)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39333)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG) (39343)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39351)	P,P'-DDD, RECOVER IN BOTTOM MATERIAL (UG/KG) (39363)
AUG 08...	12	32	3.6	88	24	3	1200	34	<.2	<.2	46	<2.1

DATE	P,P'-DDE, RECOVER IN BOTTOM MATERIAL (UG/KG) (39368)	P,P'-DDT, RECOVER IN BOTTOM MATERIAL (UG/KG) (39373)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39383)	ENDOSULFAN I TOTAL IN BOTTOM MATERIAL (UG/KG) (39389)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39393)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39399)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39403)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG) (39413)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG) (39519)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39531)
AUG 08...	.8	1.5	<.2	<.2	<.2	<.2	<50	<.2	<.2	<2	28	<.2

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39541)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG) (39571)	METHYL PARATHION, TOT. BOTTOM MATL. (UG/KG) (39601)	MIREX, TOTAL ININ BOTTOM MATERIAL (UG/KG) (39758)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39787)	BENZENE HEXACHLOROSED, BM WS,<2MM DW, REC (UG/KG) (49343)	PHTHALATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	PHTHALATE, DIOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	PHTHALATE, DIETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	PHTHALATE,DIMETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)
AUG 08...	<.2	<.2	<.2	<.2	<.2	<50	E20	1400	E10	<50	2200	90

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461120 VALLEY CREEK AT 5TH AVENUE AND 7TH STREET IN BIRMINGHAM, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)
AUG 08...	1000	<50	<50	E40	E20	<50	<50	730	<50	90	<50	<50

DATE	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)
AUG 08...	<50	<50	E30	E20	E30	<50	850	1300	100	200	E40	<50

DATE	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)
AUG 08...	<50	<50	940	90	60	60	130	<50	<50	300	E50	1100

DATE	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)
AUG 08...	420	<50	<50	<50	<50	<50	<50	<50	270	990	E50

DATE	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	BIS2CHL ETHYL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49456)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)
AUG 08...	80	<50	<50	<50	1200	<50	210	2800	<50	<50	E20

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 1999 TO SEPTEMBER 2000

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)	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)
FEB												
29...	1600	18.9	25.0	753	E13	--	10	491	510	13.1	143	--
MAR												
31...	0825	15.4	16.0	760	21	--	10	455	459	8.0	80	--
MAY												
16...	0905	18.9	--	754	9.7	.4	--	498	509	6.8	74	--
JUN												
29...	1805	26.6	36.2	748	E23	--	38	265	266	5.6	71	--
AUG												
03...	1400	28.6	29.5	754	18	--	13	423	422	7.8	102	1.2
08...	1100	28.4	38.9	742	--	--	--	487	--	10.3	137	--
29...	1345	30.0	33.0	751	6.0	--	10	432	416	4.3	58	2.4

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, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	COLI-PHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)
FEB												
29...	8.5	8.5	14	192	181	--	K41	K150	--	--	--	--
MAR												
31...	7.5	7.9	0	238	195	1000	--	>1600	--	--	--	--
MAY												
16...	7.6	8.1	0	215	176	--	400	340	--	--	<1	<1
JUN												
29...	7.9	7.2	0	134	110	>6000	--	>8000	--	--	--	--
AUG												
03...	8.2	7.9	0	206	169	--	1700	1200	<.1	--	--	--
08...	7.8	--	--	--	--	--	--	--	--	--	--	--
29...	8.4	8.4	0	193	158	--	K640	800	6.0	<.1	--	--

DATE	ENTERO-COCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	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)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)
FEB												
29...	--	1.4	1.3	.25	.16	.027	.011	1.07	.19	.27	1.08	.03
MAR												
31...	980	1.6	1.1	.96	.40	.233	.013	.418	.63	1.2	.431	.30
MAY												
16...	--	.36	.26	--	--	<.020	<.010	--	.19	.29	.067	--
JUN												
29...	2000	1.2	1.2	.40	.36	.123	.012	.672	.48	.52	.684	.16
AUG												
03...	360	1.6	1.5	.28	.21	.034	.010	1.29	.24	.31	1.30	.04
29...	120	.64	.56	.29	.21	.041	.014	.295	.25	.33	.309	.05

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 1999 TO SEPTEMBER 2000

DATE	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)
FEB											
29...	4.75	.036	.043	.034	.029	.014	2.2	220	42	62.2	16.3
MAR											
31...	1.85	.043	.141	.167	.056	.046	2.4	210	13	61.0	13.5
MAY											
16...	--	--	--	.033	E.005	<.010	--	210	34	55.1	17.7
JUN											
29...	2.97	.039	.156	.093	.079	.051	7.0	110	2	33.1	7.15
AUG											
03...	5.73	.033	.163	.079	.070	.053	3.1	190	25	57.8	12.1
29...	1.31	.046	--	.034	.022	<.010	4.6	190	30	50.2	15.4

DATE	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)
FEB											
29...	17.5	.5	14	3.0	27.2	46.5	.2	6.4	E1	39.2	<5
MAR											
31...	8.1	.2	8	3.0	7.5	40.2	.2	9.0	--	--	--
MAY											
16...	17.6	.5	15	3.0	25.2	46.2	.2	5.7	--	--	--
JUN											
29...	5.0	.2	9	2.9	6.1	22.2	.3	7.7	4	30.8	<5
AUG											
03...	6.5	.2	7	3.6	6.9	40.5	1.1	12.2	--	--	--
29...	10.5	.3	11	3.2	12.3	41.1	.3	3.1	E1	40.0	<5

DATE	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, DISSOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)
FEB											
29...	<.1	<1	<2	2	50	10	<1	22	20	13	<2
MAR											
31...	--	--	--	--	--	10	--	--	22	--	--
MAY											
16...	--	--	--	--	--	E10	--	--	26	--	--
JUN											
29...	<.1	E1	<2	5	130	E10	2	29	22	9	<2
AUG											
03...	--	--	--	--	--	E10	--	--	19	--	--
29...	<.1	E1	<2	3	50	10	E1	29	20	25	<2

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 1999 TO SEPTEMBER 2000

DATE	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)	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)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)
FEB											
29...	<1	<31	31	<7.0	<3	305	299	293	--	.41	<.3
MAR											
31...	--	--	--	--	--	262	266	262	14.9	.36	--
MAY											
16...	--	--	--	--	--	--	291	277	7.62	.40	--
JUN											
29...	<1	E18	199	<7.0	<3	191	168	154	--	.23	<.3
AUG											
03...	--	--	--	--	--	259	258	248	12.7	.35	--
29...	<1	<31	66	E3.8	<3	242	244	232	3.97	.33	<.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)
FEB									
29...	1600	<2	M	<2	<3	<3	<3	M	M
JUN									
29...	1805	M	<2	M	<3	<3	<3	<3	M
AUG									
03...	1400	<2	M	M	<3	<3	<3	<3	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)
FEB								
29...	<2	<3	<2	M	<3	<2	<3	<2.1
JUN								
29...	M	<3	M	M	<3	<2	<3	<2.1
AUG								
03...	M	<3	M	M	<3	<2	<3	E.1

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 1999 TO SEPTEMBER 2000

DATE	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	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)
MAY 16...	.116	<.007	<.002	--	.018	.021	E.007	<.004	<.003	<.002	<.006
JUN 29...	E.401	<.007	<.002	<.53	.053	.032	E.008	<.004	<.003	<.002	<.006
AUG 29...	--	<.007	<.002	<.23	.016	.026	E.008	<.004	<.003	<.002	<.006

DATE	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)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)
MAY 16...	--	--	--	--	--	--	--	--	--	--	<.004
JUN 29...	<.17	<.19	<.29	<.13	<.10	<.36	<.04	<.10	<.26	<.02	.012
AUG 29...	<.04	<.09	<.17	<.13	<.13	<.08	<.04	<.10	<.06	<.35	.008

DATE	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)	2,4,5-T DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)
MAY 16...	<.004	<.001	<.002	<.005	<.004	.014	.011	--	--	--	<.002
JUN 29...	<.004	<.001	.005	.050	<.004	.040	.022	<.51	<.04	<.06	<.002
AUG 29...	<.004	<.001	<.005	<.005	<.004	.020	.017	<.11	<.04	<.06	<.002

DATE	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)	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)
MAY 16...	--	--	<.002	--	--	--	--	--	--	--	--
JUN 29...	<.34	<.04	<.002	<.05	<.31	<.04	<.12	<2.80	<.07	<.42	<.06
AUG 29...	<.25	<.04	<.002	<.05	<.31	<.04	<.07	<.14	<.17	<.42	<.06

DATE	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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)
JUN 29...	<.06	<.03	<.17	<.04	<.35	<.48	<1.20	<.25	<.07	<.04	<.21
AUG 29...	<.06	<.03	<.07	<.04	<.23	<.48	<.11	<.29	<.07	<.04	<2.10

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 1999 TO SEPTEMBER 2000

DATE	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)
MAY 16...	--	--	--	--	<.004	<.003	<.002	<.004	<.002	<.007	<.002
JUN 29...	<.64	<.16	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002
AUG 29...	<.10	<.31	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002

DATE	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
MAY 16...	<.006	<.002	<.004	<.020	<.004	<.003	<.002	<.003	<.013	<.003	<.017
JUN 29...	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.030	<.013	<.003	<.017
AUG 29...	<.006	<.002	<.004	.019	<.004	<.003	<.002	<.003	<.013	<.003	<.017

DATE	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
MAY 16...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.160	<.001	<.005
JUN 29...	<.001	<.004	<.003	<.002	<.002	.013	<.003	<.100	<.001	<.005
AUG 29...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	THALLIUM BED MAT D SIEVE <63 U TOTAL (UG/G) (04064)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)
AUG 08...	<1	1.4	14	230	2.0	<1	.8	5.3	58	88	8	54

DATE	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)
AUG 08...	<1	6	<1	<1	3.1	25	160	23	1.3	840	.19	2.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461200 VALLEY CREEK AT CLEBURNE AVENUE NEAR POWDERLY, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	STRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 08...	22	21	6	.088	.44	6	.7	.9	.078	94	.16	<1

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANADIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	YTTERBIUM BOT MAT <63U WS FIELD (UG/G) (35015)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39333)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG) (39343)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39351)	P,P'-DDD, RECOVER IN BOTTOM MATERIAL (UG/KG) (39363)
AUG 08...	7	6	2.1	53	17	2	330	30	<.4	<.2	66	<2.4

DATE	P,P'-DDE, RECOVER IN BOTTOM MATERIAL (UG/KG) (39368)	P,P'-DDT, RECOVER IN BOTTOM MATERIAL (UG/KG) (39373)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39383)	ENDOSULFAN I TOTAL IN BOTTOM MATERIAL (UG/KG) (39389)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39393)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39399)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39403)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG) (39413)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG) (39519)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39531)
AUG 08...	.9	1.2	<.2	<.2	<.2	<.2	<50	<.2	<.2	<2	39	<.2

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39541)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG) (39571)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG) (39758)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39787)	BENZENE HEXACHLOROSED, BM WS,<2MM DW, REC (UG/KG) (49343)	PHTHALATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	PHTHALATE, DIOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	PHTHALATE, DIETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	PHTHALATE,DIMETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)
AUG 08...	<.2	<.2	<.2	<.2	<.2	<50	E30	60	<50	<50	1400	70

DATE	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	2,2'-BI QUINOLINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	QUINOLINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	PHENANTHRIDINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	ISOQUINOLINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	TOLUENE 2,4-DINITROSED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DINITROSED, BM WS,<2MM DW, REC (UG/KG) (49396)	BENZO K FLUORANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	9H-FLUORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	9H-FLUORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	ISOPHORONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	METHANE 2CHLOROETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)
AUG 08...	E440	<50	<50	E30	<50	<50	<50	910	<50	70	<50	<50

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461200 VALLEY CREEK AT CLEBURNE AVENUE NEAR POWDERLY, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	NAPTHALENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHALENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHALENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)	NAPTHALENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	NAPTHALENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	BENZO(GHI)PERYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	PHENANTHRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENANTHRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	4HCYPENPHENANTHRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)
AUG 08...	<50	M	E30	E20	E30	<50	E290	1000	90	150	E10	<50

DATE	M-CRESOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	PHTHALATE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	PHTHALATE BUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)	ACENAPHTHYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACENAPHTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACRIDINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	DPROPYLAMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYLAMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	BENZ(A)ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)
AUG 08...	<50	<50	1100	70	50	50	50	<50	<50	250	50	1200

DATE	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)
AUG 08...	250	<50	<50	<50	E10	<50	<50	<50	150	1400	80

DATE	THIOPHENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	BIS2CHL ETHYL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49456)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	DIBENZ (AH),ANTHRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	BENZOCINNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	NAPTHALENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)
AUG 08...	60	<50	<50	<50	1100	<50	E110	2000	<50	<50	M

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)
FEB											
29...	0935	13.2	--	753	27	12	455	431	10.1	97	--
MAR											
29...	1040	15.2	15.0	750	42	10	454	452	10.4	105	--
JUN											
28...	1035	26.0	26.7	754	15	15	358	349	7.0	87	--
AUG											
03...	0940	24.1	32.0	754	33	55	278	279	7.2	87	1.0
31...	1425	27.9	32.5	751	12	5	386	384	11.1	144	8.6

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)
FEB											
29...	7.9	7.9	0	228	187	--	K72	K130	--	--	--
MAR											
29...	7.7	8.2	0	239	196	120	--	320	--	--	39
JUN											
28...	7.6	7.9	0	159	130	330	--	720	--	--	250
AUG											
03...	7.9	7.7	0	132	108	--	1400	700	<.1	--	4100
31...	8.2	7.8	0	167	137	--	K71	K86	<.1	<.1	K33

DATE	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N) (00607)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4) (71846)
FEB											
29...	1.2	1.1	.23	.13	.020	<.010	--	.15	.25	.952	.03
MAR											
29...	1.5	1.5	--	--	<.020	.010	1.28	.24	.20	1.29	--
JUN											
28...	1.3	1.2	.25	.22	.033	.013	.975	.25	.28	.988	.04
AUG											
03...	1.2	1.2	.31	.26	.044	.010	.880	.31	.35	.890	.06
31...	.60	.54	.25	.19	.031	<.010	--	.22	.29	.317	.04

DATE	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3) (71851)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2) (71856)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)
FEB											
29...	--	--	.049	.025	.019	.016	5.2	210	25	61.2	14.4
MAR											
29...	5.67	.033	.043	.021	.017	.014	1.9	210	10	58.8	14.5
JUN											
28...	4.32	.043	.110	.056	.011	.036	3.3	160	26	45.3	10.6
AUG											
03...	3.90	.033	.166	.087	.074	.054	5.4	120	15	37.9	6.90
31...	--	--	--	.028	.019	<.010	2.6	170	32	42.4	15.3

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 1999 TO SEPTEMBER 2000

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)	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)
FEB											
29...	7.7	.2	7	6.0	8.8	38.0	.2	6.4	<3	39.3	<5
MAR											
29...	7.2	.2	7	7.0	7.6	37.0	.2	6.8	--	--	--
JUN											
28...	5.7	.2	7	3.7	7.0	30.3	.2	8.2	3	39.8	<5
AUG											
03...	3.5	.1	6	4.5	3.7	20.4	.1	8.5	--	--	--
31...	10.3	.3	11	3.9	12.6	33.5	.2	4.3	E2	37.4	<5

DATE	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)	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)
FEB											
29...	<.1	<1	<2	2	80	20	E1	23	20	5	<2
MAR											
29...	--	--	--	--	--	E10	--	--	9	--	--
JUN											
28...	<.1	<1	<2	3	40	E10	E1	18	15	8	<2
AUG											
03...	--	--	--	--	--	E10	--	--	13	--	--
31...	<.1	1	<2	4	70	E10	1	21	12	15	<2

DATE	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)	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)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)
FEB											
29...	<1	<31	E25	E4.9	<3	263	266	259	19.6	.36	<.3
MAR											
29...	--	--	--	--	--	263	255	262	28.9	.35	--
JUN											
28...	<1	E16	56	<7.0	<3	210	208	194	8.26	.28	<.3
AUG											
03...	--	--	--	--	--	173	169	155	15.0	.23	--
31...	<1	<31	78	<7.0	<3	223	218	206	6.89	.30	<.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)
FEB									
29...	0935	<2	<2	<2	<3	<3	<3	M	M

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 1999 TO SEPTEMBER 2000

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)
FEB 29...	<2	<3	<2	M	<3	<2	<3	<2.1

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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 29...	<.007	<.002	<1.85	.428	.020	E.52	<.004	<.003	<.002	<.006	<.04
AUG 31...	<.007	<.002	.12	.012	.021	E.012	<.004	<.003	<.002	<.006	<.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)
FEB 29...	<.09	<.17	<.13	<.03	<.08	<.04	<.10	<.06	<.02	E.003	<.004
AUG 31...	<.09	<.17	<.13	<.03	<.08	<.04	<.10	<.06	<.30	E.003	<.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 29...	<.001	<.002	<.005	<.004	.009	8.88	<.11	<.04	<.06	<.002	E.20
AUG 31...	<.001	<.002	<.005	<.004	.007	.024	<.11	<.04	<.06	<.002	<.25

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 29...	<21.2	<.002	<.05	<.31	<.04	<.07	<.02	<.07	<.42	<.06	<.06
AUG 31...	<.04	<.002	<.12	<.31	<.04	<.07	<.02	<.07	<.42	<.06	<.06

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 1999 TO SEPTEMBER 2000

DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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 29...	<.03	<.07	<.04	<.23	<.48	<.11	<.29	<.07	<.04	<.53	<.12
AUG 31...	<.03	<.07	<.04	<.23	<.48	<.11	<.29	<.07	<.04	<.21	<.10

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 29...	<.02	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006
AUG 31...	<.39	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.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)
FEB 29...	<.002	<.004	E.026	<.004	<.003	<.002	<.003	<.013	<.003	<.017
AUG 31...	<.002	<.004	.017	<.004	<.003	<.002	<.007	<.013	<.003	<.017

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 29...	<.001	<.004	E.006	<.002	<.002	<.004	<.003	<.013	<.001	<.005
AUG 31...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

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 1999 TO SEPTEMBER 2000

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	BAROMETRIC PRESSURE (MM OF HG) (00025)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TURBIDITY (NTU) (00076)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAY											
15...	1610	21.2	21.0	756	1.8	1.8	--	323	325	7.4	84
JUL											
31...	1200	24.4	26.5	756	12	--	260	185	187	6.6	80
AUG											
10...	1100	23.2	26.4	748	--	--	--	354	--	6.1	73
28...	1100	23.5	31.0	754	.55	--	8	335	331	8.2	98

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L) (70954)	COLIPHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)
MAY											
15...	--	8.0	8.2	0	203	166	K17	K13	--	--	<1
JUL											
31...	2.5	7.8	7.6	0	101	82	3000	3000	<.1	--	--
AUG											
10...	--	7.4	--	--	--	--	--	--	--	--	--
28...	1.1	8.1	8.1	0	205	168	K70	K54	<.1	<.1	--

DATE	COLIPHAGE, E. COLI C HOST, 1-AGAR, (PLAQUE 100 ML) (90905)	ENTEROCOCCI (MEI) MF 24 HOUR (COL / 100 ML (90909)	NITROGEN, TOTAL (MG/L AS N) (00600)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
MAY											
15...	<1	--	.49	.46	<.020	<.010	.12	.14	.345	--	E.005
JUL											
31...	--	K14000	1.1	.70	<.020	<.010	.32	.68	.377	.037	.089
AUG											
28...	--	220	.37	.33	<.020	<.010	.10	.14	.228	--	.009

DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SODIUM PERCENT (00932)
MAY										
15...	E.004	<.010	--	160	--	39.2	14.5	2.6	.1	3
JUL										
31...	.023	.012	8.1	85	2	22.5	7.05	1.6	.1	4
AUG										
28...	E.005	<.010	1.6	170	0	40.9	16.0	2.5	.1	3

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 1999 TO SEPTEMBER 2000

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	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)
MAY										
15...	.9	3.6	4.9	<.1	5.6	--	--	--	--	--
JUL										
31...	2.1	2.7	7.9	.1	5.8	--	--	--	--	--
AUG										
28...	1.0	3.8	4.0	<.1	4.2	<3	43.0	<5	<.1	E1

DATE	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, DISSOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (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)
MAY										
15...	--	--	--	<10	--	--	5	--	--	--
JUL										
31...	--	--	--	10	--	--	6	--	--	--
AUG										
28...	E1	1	50	<10	<1	9	6	<1	<2	<1

DATE	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)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)
MAY										
15...	--	--	--	--	--	183	173	.91	.25	--
JUL										
31...	--	--	--	--	164	103	101	3.45	.14	--
AUG										
28...	<31	53	<7.0	<3	175	177	174	.26	.24	<.3

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 1999 TO SEPTEMBER 2000

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)
MAY 15...	<.007	<.002	--	.010	E.002	E.004	<.004	<.003	<.002	<.006	--
JUL 31...	<.007	<.002	<.06	.009	.021	E.011	<.004	<.003	<.002	<.006	<.04
AUG 28...	<.007	<.002	<.06	.008	<.018	E.004	<.004	<.003	<.002	<.006	<.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)
MAY 15...	--	--	--	--	--	--	--	--	--	<.004	<.004
JUL 31...	<.09	<.17	<.13	<.12	<.08	<.04	<.10	<.06	<.27	<.010	<.004
AUG 28...	<.09	<.17	<.13	<.03	<.08	<.04	<.10	<.06	<.02	<.004	<.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)
MAY 15...	.004	<.002	<.005	<.004	<.002	.011	--	--	--	<.002	--
JUL 31...	<.001	<.002	<.005	<.004	.077	.032	<.16	<.04	<.06	<.002	<.25
AUG 28...	<.001	<.002	<.005	<.004	<.002	.005	<.11	<.04	<.06	<.002	<.25

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)
MAY 15...	--	<.002	--	--	--	--	--	--	--	--	--
JUL 31...	<.04	<.002	<.05	<.31	<.04	<.07	<.27	<.07	<.42	<.06	<.06
AUG 28...	<.04	<.002	<.05	<.47	<.04	<.07	<.02	<.07	<.42	<.06	<.06

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 1999 TO SEPTEMBER 2000

DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLO-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)
JUL 31...	<.03	<.07	<.04	<.23	<.48	<.21	<.29	<.07	<.04	<.77	<.58
AUG 28...	<.03	<.07	<.04	<.23	<.48	<.11	<.29	<.07	<.04	<.42	<.10

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)
MAY 15...	--	--	--	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006
JUL 31...	<.02	<.09	<.14	<.010	<.003	<.002	<.004	<.002	<.007	<.002	<.006
AUG 28...	<.02	<.09	<.14	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.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)
MAY 15...	<.007	<.004	E.006	<.004	<.003	<.002	<.050	<.013	<.003	<.017
JUL 31...	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003	<.017
AUG 28...	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003	<.017

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)
MAY 15...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUL 31...	<.001	<.004	<.010	<.002	<.002	<.004	<.003	<.013	<.001	<.005
AUG 28...	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY)

02461670 FIVEMILE CREEK AT NEVEL ROAD NEAR MCCALLA, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	THALLIUM BED MAT D SIEVE <63 U TOTAL (UG/G) (04064)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)
AUG 10...	<1	.5	11	200	1.2	<1	<.1	.30	85	47	8	16

DATE	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)
AUG 10...	1	9	<1	<1	2.1	37	23	31	.28	430	.05	.7

DATE	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	STRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 10...	29	18	19	.036	.58	7	.5	.4	.062	30	<.05	1

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANADIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	YTTERBIUM BOT MAT <63U WS FIELD (UG/G) (35015)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39333)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG) (39343)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39351)	P,P'-DDD, RECOVER IN BOTTOM MATERIAL (UG/KG) (39363)
AUG 10...	10	2	3.3	56	21	2	120	18	<.2	<.2	<3	<.5

DATE	P,P'-DDE, RECOVER IN BOTTOM MATERIAL (UG/KG) (39368)	P,P'-DDT, RECOVER IN BOTTOM MATERIAL (UG/KG) (39373)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39383)	ENDOSULFAN I TOTAL IN BOTTOM MATERIAL (UG/KG) (39389)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG) (39393)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39399)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG) (39403)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG) (39413)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG) (39519)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39531)
AUG 10...	<.2	<.5	<.2	<.2	<.2	<.2	<50	<.2	<.2	<2	<5	<.2

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39541)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG) (39571)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG) (39758)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG) (39787)	BENZENE HEXACHLOROSED, BM WS,<2MM DW, REC (UG/KG) (49343)	PHTHALATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	PHTHALATE, DIOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	PHTHALATE, DIETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	PHTHALATE,DIMETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)
AUG 10...	<.2	<.2	<.2	<.2	<.2	<50	E20	<50	<50	<50	160	M

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

BIRMINGHAM WATERSHEDS STUDY

02461670 FIVEMILE CREEK AT NEVEL ROAD NEAR MCCALLA, AL--Continued

BOTTOM MATERIAL ANALYSIS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)
AUG 10...	90	<50	<50	<50	<50	<50	<50	110	<50	E10	<50	<50

DATE	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)
AUG 10...	<50	<50	<50	<50	M	<50	60	100	E10	E10	E10	<50

DATE	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)
AUG 10...	<50	<50	E40	<50	M	M	<50	<50	<50	E20	M	70

DATE	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)
AUG 10...	E50	<50	<50	<50	<50	<50	<50	<50	E10	100	<50

DATE	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	BIS2CHL ETHYL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49456)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)
AUG 10...	M	<50	<50	<50	110	<50	E20	200	<50	<50	<50

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

MOBILE RIVER SALTWATER WEDGE

Samples were collected at several sites on the Mobile River during low-flow conditions of November 1999 and September 2000 to determine the location of high specific conductance and dissolved chloride upstream of Mobile Bay.

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	SPECIFIC CONDUCTANCE (US/CM) (00095)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
02470629 MOBILE RIVER (RM 31.0) AT CITY INTAKE AT BUCKS (LAT 31 00 56N LONG 088 01 15W)						
NOV 1999						
08...	1300	10.0	18.9	34	186	16.0
08...	1315	30.0	18.9	35	186	16.0
10...	0710	10.0	19.0	22	173	14.0
10...	0725	30.0	19.0	25	173	13.0
305552087573601 MOBILE RIVER (RM 22.2) SITE B 1.4 MI N OF I-65 NR CREOLA (LAT 30 55 52N LONG 087 57 36W)						
SEP 2000						
26...	1625	10.0	29.0	--	842	140
26...	1630	30.0	29.3	--	1480	330
305541087573001 MOBILE RIVER (RM 21.9) 0.1 MI S OF BAYOU ZEAST NR CREOLA (LAT 30 55 41N LONG 087 57 30W)						
NOV 1999						
08...	1430	10.0	20.6	25	225	19.0
08...	1445	30.0	20.4	30	252	20.0
10...	1320	10.0	21.0	--	230	22.0
10...	1335	25.0	21.0	--	420	83.0
305533087573901 MOBILE RIVER (RM 21.6) SITE A 0.8 MI N OF I-65 NR CREOLA (LAT 30 55 33N LONG 087 57 39W)						
SEP 2000						
27...	0206	10.0	--	--	415	34.0
27...	0205	45.0	--	--	680	120
305531087573901 MOBILE RIVER (RM 21.55) SITE C 0.75 MI N OF I-65 NR CREOLA (LAT 30 55 31N LONG 087 57 39W)						
SEP 2000						
26...	1312	20.0	29.1	--	1000	220
305528087574701 MOBILE RIVER (RM 21.5) SITE F 0.7 MI N OF I-65 NR CREOLA (AT 30 55 28N LONG 087 57 47W)						
SEP 2000						
26...	0900	10.0	--	--	454	73.0
26...	0903	35.0	--	--	1220	280
305450087574801 MOBILE RIVER (RM 20.7) AT I-65 NR CREOLA (LAT 30 54 50N LONG 087 57 48W)						
SEP 2000						
26...	2210	10.0	28.8	--	977	170
305430087572701 MOBILE RIVER (RM 20.2) 0.5 MI DS I-65 NR CREOLA (LAT 30 54 30N LONG 087 57 27W)						
SEP 2000						
27...	0620	10.0	28.3	--	795	150

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

MOBILE RIVER SALTWATER WEDGE

DATE	TIME	SAM-PLING DEPTH (FEET) (00003)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
305406087573901 MOBILE RIVER (RM 19.7) SITE E 1.0 MI DS I-65 NR CREOLA (LAT 30 54 06N LONG 087 57 39W)						
SEP 2000						
27...	0910	10.0	28.2	--	890	130
27...	0915	26.0	28.2	--	950	150
305249087584901 MOBILE RIVER (RM 17.6) 3.1 MI S OF I-65 NR CREOLA (LAT 30 52 49N LONG 087 58 49W)						
NOV 1999						
08...	1530	10.0	19.3	--	306	71.0
08...	1545	20.0	19.3	--	1580	550
10...	1220	5.00	20.4	22	1220	780
10...	1235	15.0	20.3	29	6400	2300
305157087590501 MOBILE RIVER (RM 16.5) SITE G 4.1 MI S OF I-65 NEAR CREOLA (LAT 30 51 57N LONG 087 59 05W)						
SEP 2000						
26...	2115	10.0	29.3	--	3240	830
02470700 MOBILE RIVER (RM 13.3) AT L&N RR BRIDGE NR HURRICANE (LAT 30 50 13N LONG 087 56 41W)						
NOV 1999						
10...	1140	5.00	20.5	17	3690	1300
10...	1155	15.0	20.5	17	20200	4700
SEP 2000						
26...	1940	10.0	29.2	--	11400	2200
26...	1945	19.0	19.2	--	19600	5700

GROUND-WATER LEVELS

MONTGOMERY COUNTY

322047086214301. Local number, Mtg-3.
LOCATION.--Lat 32°20'47", long 86°21'43", Hydrologic Unit 03150201, in SE$^1/_4$ 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, 24.89 ft below land-surface datum, Dec. 5; lowest, 28.21 ft below land-surface datum, Sept. 20, 30.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.31	26.41	25.03	26.25	26.65	26.56	26.18	26.15	26.24	26.36	27.05	27.74
10	26.17	26.49	26.27	25.28	25.72	26.47	26.49	25.45	26.32	27.23	27.63	27.46
15	26.26	25.99	26.65	25.98	26.77	25.65	26.06	25.58	26.73	27.05	27.73	27.13
20	26.10	25.94	26.35	26.01	27.10	25.75	26.26	26.09	25.58	27.91	27.46	27.11
25	26.50	26.86	26.29	26.22	27.37	25.94	26.30	26.36	25.71	27.15	27.30	27.10
EOM	26.47	26.11	26.17	27.09	26.76	25.68	26.28	26.03	25.62	27.03	27.91	28.21
MEAN	26.22	26.32	26.10	26.07	26.75	26.07	26.28	26.03	26.01	27.13	27.39	27.45
MAX	26.71	26.86	26.79	27.09	27.37	26.98	26.60	26.58	26.73	27.91	27.91	28.21
MIN	25.51	25.63	25.03	25.28	25.67	25.55	25.80	25.25	25.23	25.83	26.78	26.94

CAL YR 1999	MEAN 25.38	HIGH 23.19	AUG 10	LOW 26.86	JAN 10
WTR YR 2000	MEAN 26.48	HIGH 25.03	DEC 4	LOW 28.21	SEP 29

GROUND-WATER LEVELS

ST. CLAIR COUNTY

333639086310700. Local number, D-3.
LOCATION.--Lat 33°36'39", long 86°31'10", in NE$^1/_4$SE$^1/_4$ sec. 27, T. 16 S., R. 1 E., St. Clair County, Hydrologic Unit 03150202, in Acmar Landfill, off Acmar Road, about 1 mi north of intersection with County Road 10, 0.5 mi southwest of Acmar, and 4 mi north of Leeds.
Owner: Acmar Landfill.
AQUIFER.--Spoil of Pottsville Formation of Early and Middle Pennsylvanian age. Spoil used to cover landfill.
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 606 ft. Measuring point: Arrow on top of casing at elevation 610.81 ft above mean sea level.
REMARKS.--Alabama Department of Environmental Management observation well D-3.
PERIOD OF RECORD.--January 21, 1999 to January 2001 (discontinued).
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 594.38 ft mean sea level, June 28, 1999; lowest, 585.49 ft mean sea level, Sept. 21, 22, 2000.
EXTREMES FOR CURRENT YEAR.--Highest water level, 590.91 ft mean sea level, Mar. 16, 19; lowest, 585.22 ft mean sea level, Sept. 7.

ELEVATION OF WATER (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	586.32	---	587.06	587.36	589.11	588.80	---	---	588.63	587.12	586.09	585.28
10	587.00	---	587.12	588.11	588.81	588.80	---	---	588.37	586.91	585.94	585.57
15	586.84	586.85	587.32	588.01	588.63	590.84	---	---	588.11	586.74	585.85	585.53
20	586.60	586.89	587.28	588.07	588.51	---	---	---	587.84	586.55	585.68	585.52
25	586.44	587.01	587.47	588.93	588.33	---	---	589.22	587.57	586.38	585.57	585.54
EOM	586.46	586.96	587.23	589.40	588.84	---	---	588.88	587.35	586.22	585.42	585.56
MEAN	586.54	---	587.25	588.13	588.76	---	---	---	588.08	586.71	585.81	585.50
MAX	587.00	---	587.56	589.40	589.37	---	---	---	588.82	587.30	586.19	585.57
MIN	586.25	---	586.98	587.17	588.29	---	---	---	587.35	586.22	585.42	585.25

ELEVATION OF WATER (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	585.54	585.55	586.09	586.14	---	---	---	---	---	---	---	---
10	585.56	585.89	586.00	586.24	---	---	---	---	---	---	---	---
15	585.58	585.77	585.99	586.42	---	---	---	---	---	---	---	---
20	585.56	586.01	586.09	587.18	---	---	---	---	---	---	---	---
25	585.56	586.15	586.05	587.03	---	---	---	---	---	---	---	---
EOM	585.55	586.15	586.09	587.09	---	---	---	---	---	---	---	---
MEAN	585.56	585.86	586.06	586.60	---	---	---	---	---	---	---	---
MAX	585.60	586.15	586.15	587.18	---	---	---	---	---	---	---	---
MIN	585.52	585.54	585.93	586.06	---	---	---	---	---	---	---	---

GROUND-WATER LEVELS

TUSCALOOSA COUNTY

333204087324601. Local number, TW-5.
LOCATION.--Lat 33°32'04", long 87°32'46", in SE$^1/_4$ 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, 43.92 ft below land-surface datum, Jan. 14, 2000.
EXTREMES FOR CURRENT YEAR.--Highest water level, 33.95 ft below land-surface datum, Apr. 5; lowest, 44.52 ft below land-surface datum, Jan. 14.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	43.82	44.17	44.23	44.50	43.07	43.12	34.20	42.12	42.77	43.15	43.60	44.01
10	43.82	44.10	44.31	44.29	42.93	43.13	37.55	42.22	42.92	43.21	43.72	44.09
15	43.88	44.14	44.44	44.37	43.26	39.85	39.42	42.51	42.88	43.29	43.79	44.12
20	43.98	44.14	44.39	---	43.48	39.61	40.48	42.53	43.01	43.40	43.79	44.10
25	44.07	44.19	44.47	---	43.40	38.92	41.31	42.59	43.04	43.48	43.83	44.24
EOM	44.07	44.36	44.40	---	43.20	40.88	41.85	42.85	43.07	43.56	43.88	44.27
MEAN	43.92	44.17	44.35	---	---	40.89	39.32	42.40	42.95	43.34	43.74	44.11
MAX	44.08	44.37	44.47	---	---	43.22	41.85	42.85	43.07	43.56	43.92	44.30
MIN	43.75	43.97	44.22	---	---	37.81	34.20	41.86	42.77	43.11	43.57	43.92

CAL YR 1999 MEAN 42.32 HIGH 33.42 FEB 2 LOW 44.47 DEC 22

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 Montgomery County, Alabama, as part of the Mobile River Study Unit of the National Water-Quality Assessment Program. Data collected includes basic water-quality parameters, volatile organic parameters, and pesticide parameters.

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	TIME	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)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
				MONTGOMERY COUNTY						
NAWQA LUSRC1-7	12-28-99	1545	235	80.50	19.2	8.0	760	.6	7	7.3
NAWQA LUSRC1-30	11-03-99	1145	250	59.50	19.0	17.0	769	.2	2	7.3
NAWQA LUSRC1-27	12-01-99	1400	260	69.00	20.1	21.0	775	.1	1	7.0
NAWQA LUSRC1-23	10-21-99	1200	250	32.00	24.7	23.0	766	.4	5	6.7
	01-27-00	1430	250	32.00	22.3	10.2	769	.3	4	6.5
NAWQA LUSRC1-24	12-08-99	1315	260	88.50	19.7	12.0	768	.1	1	7.3
NAWQA LUSRC1-26	12-15-99	1100	220	43.00	19.4	14.5	765	.5	5	6.6
NAWQA LUSRC1-25	11-09-99	1500	250	61.00	21.7	26.0	767	.2	3	6.9
NAWQA LUSRC1-28	11-22-99	1030	260	33.50	23.2	24.5	765	.1	1	7.1
NAWQA LUSRC1-21	11-04-99	1320	270	82.50	19.3	17.5	770	4.1	44	5.4
NAWQA LUSRC1-22	11-23-99	1500	300	94.00	20.4	22.5	762	5.5	61	5.4
NAWQA LUSRC1-18	10-28-99	1400	220	34.00	25.0	26.0	769	4.5	54	5.0
NAWQA LUSRC1-2	11-16-99	1400	310	100.40	20.3	19.0	760	4.9	54	5.1
NAWQA LUSRC1-17	10-27-99	1330	222	31.50	22.0	25.0	768	5.2	59	5.4
NAWQA LUSRC1-10	01-03-00	1430	225	41.40	22.0	20.5	766	6.0	68	4.6
NAWQA LUSRC1-20	01-04-00	1430	208	26.70	20.0	18.5	764	4.8	53	4.8
NAWQA LUSRC1-15	12-07-99	1215	250	41.50	20.5	18.0	766	4.5	50	4.8
NAWQA LUSRC1-16	11-08-99	1445	232	40.00	22.5	30.0	768	4.0	46	5.1
NAWQA LUSRC1-13	12-09-99	1330	260	69.50	19.6	17.5	767	4.6	50	5.2
NAWQA LUSRC1-14	11-29-99	1430	285	84.00	22.3	20.0	769	4.2	48	5.1
NAWQA LUSRC1-9	12-02-99	1200	210	38.00	20.2	16.5	775	7.0	76	4.7
NAWQA LUSRC1-12	11-17-99	1445	225	65.00	20.7	18.5	766	5.1	57	5.0
NAWQA LUSRC1-29	01-06-00	1400	280	86.80	20.0	14.5	773	6.0	65	5.1
NAWQA LUSRC1-6	12-13-99	1500	245	39.00	21.4	22.0	757	1.1	13	4.8
NAWQA LUSRC1-11	12-20-99	1130	180	23.20	21.8	15.5	766	.8	9	5.3
NAWQA LUSRC1-4	11-02-99	1415	225	42.50	21.2	17.5	760	4.4	50	5.1
NAWQA LUSRC1-5	11-30-99	1320	220	35.00	19.1	16.0	776	2.3	24	5.0
NAWQA LUSRC1-8	12-27-99	1145	185	20.80	19.5	15.5	765	5.3	57	5.2
NAWQA LUSRC1-3	12-06-99	1300	200	30.00	21.5	13.5	769	5.5	61	5.2
NAWQA LUSRC1-1	11-15-99	1345	175	25.00	21.3	21.0	764	.2	3	5.1
NAWQA LUSRC1-19	01-05-00	1600	175	28.75	19.1	13.5	772	1.4	15	5.4

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	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 CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	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)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
				MONTGOMERY COUNTY						
NAWQA LUSRC1-7	12-28-99	7.5	579	560	373	352	219	179	192	0
NAWQA LUSRC1-30	11-03-99	7.4	650	669	444	403	274	225	229	19
NAWQA LUSRC1-27	12-01-99	7.0	507	473	332	330	233	191	194	16
NAWQA LUSRC1-23	10-21-99	6.7	2880	2820	2360	2280	468	384	399	--
	01-27-00	6.8	2730	2670	2240	2190	429	352	381	0
NAWQA LUSRC1-24	12-08-99	7.3	705	664	440	556	542	444	200	0
NAWQA LUSRC1-26	12-15-99	6.7	300	306	192	188	103	84	88	0
NAWQA LUSRC1-25	11-09-99	7.1	1080	1070	644	622	398	326	331	1
NAWQA LUSRC1-28	11-22-99	7.1	574	579	343	334	340	279	296	0
NAWQA LUSRC1-21	11-04-99	5.7	47	50	48	49	17	14	15	0
NAWQA LUSRC1-22	11-23-99	5.7	47	48	45	42	11	9	9	0
NAWQA LUSRC1-18	10-28-99	4.7	95	94	75	70	3	2	3	0
NAWQA LUSRC1-2	11-16-99	5.4	56	56	36	--	7	6	7	0
NAWQA LUSRC1-17	10-27-99	5.5	66	68	45	49	8	6	7	12
NAWQA LUSRC1-10	01-03-00	4.6	65	70	42	44	1	1	2	0
NAWQA LUSRC1-20	01-04-00	5.1	120	120	79	79	2	2	3	0
NAWQA LUSRC1-15	12-07-99	4.9	60	57	40	--	2	1	3	0
NAWQA LUSRC1-16	11-08-99	5.0	54	53	47	--	6	5	8	0
NAWQA LUSRC1-13	12-09-99	5.8	38	39	29	29	9	8	9	0
NAWQA LUSRC1-14	11-29-99	5.2	271	269	148	154	7	5	7	0
NAWQA LUSRC1-9	12-02-99	4.9	56	54	40	--	3	2	2	0
NAWQA LUSRC1-12	11-17-99	5.0	70	70	43	49	4	3	5	0
NAWQA LUSRC1-29	01-06-00	5.6	26	28	27	27	5	4	6	0
NAWQA LUSRC1-6	12-13-99	4.8	46	49	38	--	3	3	4	0
NAWQA LUSRC1-11	12-20-99	5.8	106	108	68	65	18	15	17	0
NAWQA LUSRC1-4	11-02-99	5.5	37	38	33	--	3	3	4	0
NAWQA LUSRC1-5	11-30-99	5.0	46	46	28	35	--	--	8	0
NAWQA LUSRC1-8	12-27-99	7.7	58	130	50	45	6	5	7	0
NAWQA LUSRC1-3	12-06-99	5.4	84	78	40	56	5	4	5	0
NAWQA LUSRC1-1	11-15-99	5.4	96	98	60	58	16	13	16	0
NAWQA LUSRC1-19	01-05-00	5.8	30	33	29	28	12	10	11	0

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	TUR-BID-ITY (NTU) (00076)	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)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	0	.2	.137	<.010	.11	<.050	--	E.003
NAWQA LUSRC1-30	11-03-99	23	2.0	.032	<.010	<.10	<.050	--	.006
NAWQA LUSRC1-27	12-01-99	13	1.8	<.020	<.010	E.10	<.050	.104	.059
NAWQA LUSRC1-23	10-21-99	--	.8	.119	<.010	.17	<.050	--	E.004
	01-27-00	0	.9	.105	<.010	.10	<.050	.040	E.003
NAWQA LUSRC1-24	12-08-99	0	1.0	.085	<.010	E.10	<.050	.046	.006
NAWQA LUSRC1-26	12-15-99	0	2.7	<.020	<.010	<.10	<.050	.567	.202
NAWQA LUSRC1-25	11-09-99	0	2.0	<.020	<.010	<.10	<.050	.034	<.006
NAWQA LUSRC1-28	11-22-99	0	.8	<.020	<.010	<.10	.114	.083	.036
NAWQA LUSRC1-21	11-04-99	0	2.3	<.020	<.010	<.10	.401	--	<.006
NAWQA LUSRC1-22	11-23-99	0	.2	<.020	<.010	<.10	1.19	--	<.006
NAWQA LUSRC1-18	10-28-99	0	.2	<.020	<.010	E.10	7.01	--	<.006
NAWQA LUSRC1-2	11-16-99	0	2.8	.022	<.010	<.10	1.38	--	<.006
NAWQA LUSRC1-17	10-27-99	0	.8	.027	<.010	E.10	3.73	--	<.006
NAWQA LUSRC1-10	01-03-00	0	.2	<.020	<.010	.15	3.69	--	<.006
NAWQA LUSRC1-20	01-04-00	0	5.3	<.020	<.010	<.10	7.08	--	<.006
NAWQA LUSRC1-15	12-07-99	0	.3	<.020	<.010	<.10	4.06	--	<.006
NAWQA LUSRC1-16	11-08-99	0	.5	<.020	<.010	<.10	1.67	.046	.013
NAWQA LUSRC1-13	12-09-99	0	.7	<.020	<.010	<.10	.119	--	E.004
NAWQA LUSRC1-14	11-29-99	0	.2	<.020	<.010	<.10	14.8	--	<.006
NAWQA LUSRC1-9	12-02-99	0	1.3	.028	.043	<.10	1.07	.074	<.006
NAWQA LUSRC1-12	11-17-99	0	3.9	.023	<.010	<.10	3.62	--	<.006
NAWQA LUSRC1-29	01-06-00	0	1.0	<.020	<.010	<.10	1.19	--	<.006
NAWQA LUSRC1-6	12-13-99	0	1.1	<.020	<.010	<.10	2.23	--	<.006
NAWQA LUSRC1-11	12-20-99	0	2.2	<.020	<.010	<.10	3.32	--	.013
NAWQA LUSRC1-4	11-02-99	0	3.0	<.020	<.010	<.10	1.78	--	<.006
NAWQA LUSRC1-5	11-30-99	0	1.3	<.020	<.010	<.10	1.63	--	E.003
NAWQA LUSRC1-8	12-27-99	0	.5	<.020	<.010	<.10	2.95	--	E.005
NAWQA LUSRC1-3	12-06-99	0	1.5	<.020	<.010	<.10	4.47	--	<.006
NAWQA LUSRC1-1	11-15-99	0	1.6	<.020	<.010	<.10	<.050	--	.013
NAWQA LUSRC1-19	01-05-00	0	1.9	<.020	<.010	<.10	.380	.034	.010

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	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)	HARD-NESS NONCARB DISSOLV LAB AS CACO3 (MG/L) (00905)	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)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<.010	.36	250	66	54	83.6	9.03	22.1
NAWQA LUSRC1-30	11-03-99	<.010	.68	270	47	43	101	4.93	28.3
NAWQA LUSRC1-27	12-01-99	.034	.81	240	51	48	93.1	2.31	13.0
NAWQA LUSRC1-23	10-21-99	<.010	2.0	1300	910	900	512	4.11	224
	01-27-00	.013	1.2	1300	970	940	523	4.36	228
NAWQA LUSRC1-24	12-08-99	.015	.52	300	--	100	109	7.70	30.1
NAWQA LUSRC1-26	12-15-99	.185	E.21	83	--	--	29.2	2.51	22.6
NAWQA LUSRC1-25	11-09-99	.011	E1.1	490	160	150	192	1.58	27.3
NAWQA LUSRC1-28	11-22-99	.027	.47	290	9	--	114	.95	9.4
NAWQA LUSRC1-21	11-04-99	<.010	E.29	7	--	--	2.40	.32	4.8
NAWQA LUSRC1-22	11-23-99	<.010	E.17	11	2	2	2.73	.93	2.8
NAWQA LUSRC1-18	10-28-99	<.010	E.32	23	21	20	4.44	2.82	3.8
NAWQA LUSRC1-2	11-16-99	<.010	E.28	14	9	8	3.36	1.42	2.5
NAWQA LUSRC1-17	10-27-99	<.010	.35	14	8	8	3.42	1.40	5.8
NAWQA LUSRC1-10	01-03-00	<.010	<.33	13	13	11	2.59	1.62	3.3
NAWQA LUSRC1-20	01-04-00	<.010	.45	34	32	31	8.09	3.40	4.5
NAWQA LUSRC1-15	12-07-99	<.010	<.33	12	11	10	2.43	1.48	2.9
NAWQA LUSRC1-16	11-08-99	.015	E.25	9	4	1	1.90	1.03	4.5
NAWQA LUSRC1-13	12-09-99	<.010	E.25	10	2	0	2.19	1.00	1.8
NAWQA LUSRC1-14	11-29-99	<.010	E.20	69	64	63	16.0	7.08	15.0
NAWQA LUSRC1-9	12-02-99	.024	E.17	12	10	9	1.73	1.83	2.0
NAWQA LUSRC1-12	11-17-99	<.010	<.33	13	10	8	2.81	1.42	4.6
NAWQA LUSRC1-29	01-06-00	<.010	E.33	8	4	2	1.63	.95	.9
NAWQA LUSRC1-6	12-13-99	<.010	E.21	9	7	5	1.53	1.35	2.5
NAWQA LUSRC1-11	12-20-99	<.010	E.28	34	19	17	10.1	2.24	3.9
NAWQA LUSRC1-4	11-02-99	<.010	<.33	6	3	2	1.25	.65	2.3
NAWQA LUSRC1-5	11-30-99	<.010	.42	7	--	--	1.31	.98	3.9
NAWQA LUSRC1-8	12-27-99	<.010	E.20	11	6	4	3.38	.70	5.0
NAWQA LUSRC1-3	12-06-99	<.010	<.33	14	10	9	3.35	1.42	6.2
NAWQA LUSRC1-1	11-15-99	<.010	1.2	24	11	8	7.04	1.46	6.0
NAWQA LUSRC1-19	01-05-00	.011	E.16	7	--	--	2.03	.53	1.6

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	BROMIDE DISSOLVED (MG/L AS BR) (71870)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	2.1	12.3	88.5	.5	25.8	390	20	.10
NAWQA LUSRC1-30	11-03-99	2.0	41.8	59.1	.4	29.7	540	57	.24
NAWQA LUSRC1-27	12-01-99	1.6	26.9	35.1	.3	41.8	750	150	.19
NAWQA LUSRC1-23	10-21-99	2.1	125	1160	.6	26.2	860	616	.80
	01-27-00	2.0	114	1080	.7	26.8	460	382	.38
NAWQA LUSRC1-24	12-08-99	2.7	28.6	75.4	.3	32.9	2230	94	.18
NAWQA LUSRC1-26	12-15-99	.9	5.9	46.8	.2	28.5	220	73	.05
NAWQA LUSRC1-25	11-09-99	1.4	123	40.2	.3	36.5	2520	129	1.04
NAWQA LUSRC1-28	11-22-99	.8	8.1	8.9	.9	22.8	10	14	.04
NAWQA LUSRC1-21	11-04-99	1.6	3.9	.7	<.1	25.4	20	115	.10
NAWQA LUSRC1-22	11-23-99	1.6	5.1	.3	<.1	17.4	<10	63	.03
NAWQA LUSRC1-18	10-28-99	2.1	5.5	.6	<.1	18.2	E10	138	.04
NAWQA LUSRC1-2	11-16-99	1.6	7.4	E.3	<.1	17.8	130	279	.02
NAWQA LUSRC1-17	10-27-99	1.4	6.0	.3	<.1	10.4	E10	38	<.01
NAWQA LUSRC1-10	01-03-00	1.4	6.8	.3	<.1	10.9	E10	196	.01
NAWQA LUSRC1-20	01-04-00	2.8	12.0	4.8	<.1	10.7	70	44	.02
NAWQA LUSRC1-15	12-07-99	1.0	3.9	<.3	<.1	11.1	<10	31	<.01
NAWQA LUSRC1-16	11-08-99	1.4	7.2	<.3	<.1	17.4	<10	55	.03
NAWQA LUSRC1-13	12-09-99	.9	2.2	3.7	<.1	12.0	20	87	.02
NAWQA LUSRC1-14	11-29-99	2.3	30.5	.5	<.1	13.3	E10	379	.05
NAWQA LUSRC1-9	12-02-99	1.0	6.7	<.3	<.1	10.4	E10	82	.03
NAWQA LUSRC1-12	11-17-99	2.4	7.4	.5	<.1	11.6	<10	122	.02
NAWQA LUSRC1-29	01-06-00	.9	1.3	.3	<.1	12.9	10	25	.08
NAWQA LUSRC1-6	12-13-99	<.2	5.5	E.2	<.1	14.2	70	97	.03
NAWQA LUSRC1-11	12-20-99	1.4	5.1	10.0	<.1	8.2	<10	142	.05
NAWQA LUSRC1-4	11-02-99	1.5	3.7	E.3	<.1	15.6	<10	78	.03
NAWQA LUSRC1-5	11-30-99	.9	4.0	.4	<.1	10.6	330	25	.06
NAWQA LUSRC1-8	12-27-99	1.4	5.7	.6	<.1	12.3	20	97	.03
NAWQA LUSRC1-3	12-06-99	1.8	7.2	1.7	<.1	11.4	<10	10	.01
NAWQA LUSRC1-1	11-15-99	1.6	9.7	11.2	<.1	13.5	30	58	<.01
NAWQA LUSRC1-19	01-05-00	1.3	2.0	.3	<.1	12.3	60	72	.01

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<1	<1	<1	<1.0	<1	11	<2.0	<1
NAWQA LUSRC1-30	11-03-99	<1	<1	<1	<1.0	<1	14	<2.0	<1
NAWQA LUSRC1-27	12-01-99	<1	<1	<1	<1.0	<1	6	<2.0	<1
NAWQA LUSRC1-23	10-21-99	10	<1	<1	<1.0	6	59	<2.0	<1
	01-27-00	11	<1	<1	<1.0	4	29	<2.0	<1
NAWQA LUSRC1-24	12-08-99	<1	<1	<1	<1.0	<1	15	<2.0	<1
NAWQA LUSRC1-26	12-15-99	<1	<1	<1	<1.0	<1	34	<2.0	<1
NAWQA LUSRC1-25	11-09-99	1	<1	<1	<1.0	<1	180	<2.0	<1
NAWQA LUSRC1-28	11-22-99	2	<1	<1	<1.0	1	368	E1.0	<1
NAWQA LUSRC1-21	11-04-99	<1	<1	<1	<1.0	5	41	<2.0	<1
NAWQA LUSRC1-22	11-23-99	<1	<1	<1	<1.0	5	14	<2.0	<1
NAWQA LUSRC1-18	10-28-99	<1	<1	<1	<1.0	1	84	<2.0	<1
NAWQA LUSRC1-2	11-16-99	<1	<1	<1	<1.0	5	68	<2.0	<1
NAWQA LUSRC1-17	10-27-99	<1	<1	<1	<1.0	2	47	<2.0	<1
NAWQA LUSRC1-10	01-03-00	<1	<1	<1	<1.0	8	70	<2.0	<1
NAWQA LUSRC1-20	01-04-00	<1	<1	<1	<1.0	7	107	<2.0	<1
NAWQA LUSRC1-15	12-07-99	<1	<1	<1	<1.0	3	38	<2.0	<1
NAWQA LUSRC1-16	11-08-99	<1	<1	<1	<1.0	<1	55	<2.0	<1
NAWQA LUSRC1-13	12-09-99	<1	<1	<1	<1.0	9	10	<2.0	<1
NAWQA LUSRC1-14	11-29-99	<1	<1	<1	<1.0	1	71	<2.0	<1
NAWQA LUSRC1-9	12-02-99	<1	<1	<1	<1.0	13	131	<2.0	<1
NAWQA LUSRC1-12	11-17-99	<1	<1	<1	<1.0	5	47	<2.0	<1
NAWQA LUSRC1-29	01-06-00	<1	<1	<1	<1.0	30	10	<2.0	<1
NAWQA LUSRC1-6	12-13-99	<1	<1	<1	<1.0	13	55	<2.0	<1
NAWQA LUSRC1-11	12-20-99	<1	<1	<1	<1.0	7	90	<2.0	<1
NAWQA LUSRC1-4	11-02-99	<1	<1	<1	<1.0	4	50	<2.0	<1
NAWQA LUSRC1-5	11-30-99	<1	<1	<1	<1.0	3	39	<2.0	<1
NAWQA LUSRC1-8	12-27-99	<1	<1	<1	<1.0	10	28	<2.0	<1
NAWQA LUSRC1-3	12-06-99	<1	<1	<1	<1.0	4	48	<2.0	<1
NAWQA LUSRC1-1	11-15-99	<1	<1	<1	<1.0	1	88	<2.0	<1
NAWQA LUSRC1-19	01-05-00	<1	<1	<1	<1.0	2	37	<2.0	<1

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<.8	<1	<2.4	<1	1	<1	<1	4
NAWQA LUSRC1-30	11-03-99	<.8	<1	<2.4	<1	2	<1	1	3
NAWQA LUSRC1-27	12-01-99	<.8	<1	<2.4	<1	2	1	<1	4
NAWQA LUSRC1-23	10-21-99	2.7	<1	<2.4	11	2	2	6	2
	01-27-00	<1.0	<1	<2.4	13	3	3	9	13
NAWQA LUSRC1-24	12-08-99	<.8	<1	<2.4	<1	2	<1	<1	4
NAWQA LUSRC1-26	12-15-99	<.8	<1	<2.4	<1	1	<1	1	<1
NAWQA LUSRC1-25	11-09-99	E.6	<1	<2.4	4	3	<1	<1	2
NAWQA LUSRC1-28	11-22-99	<.8	<1	<2.4	1	3	4	<1	4
NAWQA LUSRC1-21	11-04-99	<.8	<1	<2.4	1	<1	<1	11	3
NAWQA LUSRC1-22	11-23-99	E.4	<1	<2.4	<1	<1	<1	5	7
NAWQA LUSRC1-18	10-28-99	<.8	<1	<2.4	2	<1	3	14	118
NAWQA LUSRC1-2	11-16-99	<.8	<1	<2.4	3	<1	4	21	19
NAWQA LUSRC1-17	10-27-99	--	<1	<2.4	1	<1	2	17	15
NAWQA LUSRC1-10	01-03-00	.9	1	<2.4	4	<1	7	23	136
NAWQA LUSRC1-20	01-04-00	E.4	<1	E1.2	1	<1	2	4	33
NAWQA LUSRC1-15	12-07-99	E.5	<1	<2.4	<1	<1	1	2	38
NAWQA LUSRC1-16	11-08-99	E.8	<1	<2.4	1	<1	3	10	19
NAWQA LUSRC1-13	12-09-99	1.8	<1	<2.4	2	<1	1	10	13
NAWQA LUSRC1-14	11-29-99	1.3	<1	<2.4	3	<1	4	13	38
NAWQA LUSRC1-9	12-02-99	<.8	<1	<2.4	3	<1	4	8	109
NAWQA LUSRC1-12	11-17-99	<.8	<1	<2.4	1	<1	4	3	16
NAWQA LUSRC1-29	01-06-00	1.4	<1	<2.4	2	<1	<1	15	15
NAWQA LUSRC1-6	12-13-99	E.5	1	<2.4	3	<1	3	12	89
NAWQA LUSRC1-11	12-20-99	<1.0	<1	<2.4	3	<1	<1	3	8
NAWQA LUSRC1-4	11-02-99	--	<1	<2.4	<1	<1	4	3	8
NAWQA LUSRC1-5	11-30-99	<.8	<1	<2.4	2	<1	1	17	60
NAWQA LUSRC1-8	12-27-99	<.8	<1	<2.4	1	<1	5	4	3
NAWQA LUSRC1-3	12-06-99	<.8	<1	<2.4	<1	<1	<1	8	12
NAWQA LUSRC1-1	11-15-99	<.8	<1	<2.4	1	<1	1	4	9
NAWQA LUSRC1-19	01-05-00	<.8	<1	<2.4	1	<1	2	4	4

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	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)	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)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)
				MONTGOMERY COUNTY						
NAWQA LUSRC1-7	12-28-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-30	11-03-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-27	12-01-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-23	10-21-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
	01-27-00	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-24	12-08-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-26	12-15-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-25	11-09-99	<.007	<.002	.009	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-28	11-22-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-21	11-04-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-22	11-23-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-18	10-28-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-2	11-16-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-17	10-27-99	<.007	<.002	.049	<.018	<.004	<.003	<.002	E.002	<.002
NAWQA LUSRC1-10	01-03-00	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-20	01-04-00	<.007	<.002	.283	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-15	12-07-99	<.007	<.002	<.005	<.018	<.005	<.003	<.002	<.006	<.002
NAWQA LUSRC1-16	11-08-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-13	12-09-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-14	11-29-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-9	12-02-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-12	11-17-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-29	01-06-00	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-6	12-13-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-11	12-20-99	<.007	<.002	.180	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-4	11-02-99	<.007	<.002	.016	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-5	11-30-99	<.007	<.002	<.008	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-8	12-27-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-3	12-06-99	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-1	11-15-99	<.010	<.002	.103	<.018	<.004	<.003	<.002	<.006	<.002
NAWQA LUSRC1-19	01-05-00	<.007	<.002	<.005	<.018	<.004	<.003	<.002	<.006	<.002

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	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)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
				MONTGOMERY COUNTY						
NAWQA LUSRC1-7	12-28-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-30	11-03-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-27	12-01-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-23	10-21-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	E.007	<.006
	01-27-00	<.002	<.003	<.025	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-24	12-08-99	E.002	<.003	<.004	<.003	<.002	<.004	<.002	E.008	<.006
NAWQA LUSRC1-26	12-15-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-25	11-09-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-28	11-22-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-21	11-04-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-22	11-23-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-18	10-28-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-2	11-16-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	E.009	<.006
NAWQA LUSRC1-17	10-27-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-10	01-03-00	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-20	01-04-00	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-15	12-07-99	.008	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-16	11-08-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-13	12-09-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-14	11-29-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-9	12-02-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-12	11-17-99	<.002	<.003	<.004	<.003	E.001	<.004	<.002	<.007	<.006
NAWQA LUSRC1-29	01-06-00	<.002	<.003	<.004	<.003	<.002	<.004	<.002	E.007	<.006
NAWQA LUSRC1-6	12-13-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-11	12-20-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-4	11-02-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-5	11-30-99	.011	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-8	12-27-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-3	12-06-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-1	11-15-99	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006
NAWQA LUSRC1-19	01-05-00	<.002	<.003	<.004	<.003	<.002	<.004	<.002	<.007	<.006

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	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)	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)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-30	11-03-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-27	12-01-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-23	10-21-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
	01-27-00	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-24	12-08-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-26	12-15-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-25	11-09-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-28	11-22-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-21	11-04-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-22	11-23-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-18	10-28-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-2	11-16-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-17	10-27-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-10	01-03-00	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-20	01-04-00	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-15	12-07-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-16	11-08-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-13	12-09-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-14	11-29-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-9	12-02-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-12	11-17-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-29	01-06-00	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-6	12-13-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-11	12-20-99	E.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-4	11-02-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-5	11-30-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-8	12-27-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-3	12-06-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-1	11-15-99	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003
NAWQA LUSRC1-19	01-05-00	<.002	<.004	<.004	<.003	<.002	<.003	<.013	<.003

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	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)	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)
					MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-30	11-03-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-27	12-01-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-23	10-21-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
	01-27-00	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-24	12-08-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-26	12-15-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-25	11-09-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-28	11-22-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-21	11-04-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-22	11-23-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-18	10-28-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-2	11-16-99	<.017	<.001	<.004	<.002	<.004	<.003	<.030	<.001	<.005
NAWQA LUSRC1-17	10-27-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-10	01-03-00	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-20	01-04-00	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-15	12-07-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-16	11-08-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-13	12-09-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-14	11-29-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-9	12-02-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-12	11-17-99	<.017	<.001	<.004	<.002	<.004	<.003	<.070	<.001	<.005
NAWQA LUSRC1-29	01-06-00	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-6	12-13-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-11	12-20-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-4	11-02-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-5	11-30-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-8	12-27-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-3	12-06-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-1	11-15-99	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005
NAWQA LUSRC1-19	01-05-00	<.017	<.001	<.004	<.002	<.004	<.003	<.013	<.001	<.005

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	DI-BROMO-METHANE WATER 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-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-FORM TOTAL (UG/L) (32106)	TOLUENE TOTAL (UG/L) (34010)	BENZENE TOTAL (UG/L) (34030)
				MONTGOMERY COUNTY						
NAWQA LUSRC1-7	12-28-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.03	<.04
NAWQA LUSRC1-30	11-03-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.02	E.01
NAWQA LUSRC1-27	12-01-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.05	E.04
NAWQA LUSRC1-23	10-21-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.03	E.01
	01-27-00	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.01	<.04
NAWQA LUSRC1-24	12-08-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.08	E.06
NAWQA LUSRC1-26	12-15-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.01	<.04
NAWQA LUSRC1-25	11-09-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	E.02	E.02
NAWQA LUSRC1-28	11-22-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	<.05	<.04
NAWQA LUSRC1-21	11-04-99	<.05	<.05	<.06	<.1	<.06	<.2	E.05	<.05	E.01
NAWQA LUSRC1-22	11-23-99	<.05	<.05	<.06	<.1	<.06	<.2	E.06	<.05	<.04
NAWQA LUSRC1-18	10-28-99	<.05	<.05	<.06	<.1	<.06	<.2	E.04	<.05	<.04
NAWQA LUSRC1-2	11-16-99	<.05	<.05	<.06	<.1	<.06	<.2	E.06	E.02	E.01
NAWQA LUSRC1-17	10-27-99	<.05	<.05	<.06	<.1	<.06	<.2	.11	<.05	<.04
NAWQA LUSRC1-10	01-03-00	<.05	<.05	<.06	<.1	<.06	<.2	.45	E.02	<.04
NAWQA LUSRC1-20	01-04-00	<.05	<.05	<.06	<.1	<.06	<.2	.23	<.05	<.04
NAWQA LUSRC1-15	12-07-99	<.05	<.05	<.06	<.1	<.06	<.2	E.02	<.05	<.04
NAWQA LUSRC1-16	11-08-99	<.05	<.05	<.06	<.1	<.06	<.2	E.03	<.05	<.04
NAWQA LUSRC1-13	12-09-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	<.05	<.04
NAWQA LUSRC1-14	11-29-99	<.05	E.04	<.06	<.1	<.06	<.2	.20	<.05	<.04
NAWQA LUSRC1-9	12-02-99	<.05	E.07	<.06	<.1	<.06	<.2	1.04	<.05	<.04
NAWQA LUSRC1-12	11-17-99	<.05	E.02	<.06	<.1	<.06	<.2	1.07	E.01	<.04
NAWQA LUSRC1-29	01-06-00	<.05	<.05	<.06	<.1	<.06	<.2	E.04	<.05	<.04
NAWQA LUSRC1-6	12-13-99	<.05	.15	<.06	<.1	<.06	<.2	1.50	<.05	<.04
NAWQA LUSRC1-11	12-20-99	<.05	<.05	<.06	<.1	<.06	<.2	E.06	<.05	<.04
NAWQA LUSRC1-4	11-02-99	<.05	<.05	.61	<.1	<.06	<.2	.12	<.05	<.04
NAWQA LUSRC1-5	11-30-99	<.05	<.05	<.06	<.1	<.06	<.2	.17	E.03	<.04
NAWQA LUSRC1-8	12-27-99	<.05	E.02	<.06	<.1	<.06	<.2	.41	<.05	<.04
NAWQA LUSRC1-3	12-06-99	<.05	<.05	<.06	<.1	<.06	<.2	1.32	<.05	<.04
NAWQA LUSRC1-1	11-15-99	<.05	<.05	<.06	<.1	<.06	<.2	<.05	<.05	E.02
NAWQA LUSRC1-19	01-05-00	<.05	<.05	<.06	<.1	<.06	<.2	.15	<.05	<.04

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	ACRYLO-NITRILE TOTAL (UG/L) (34215)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-ETHANE TOTAL (UG/L) (34311)	ETHYL-BENZENE TOTAL (UG/L) (34371)	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)
				MONTGOMERY COUNTY						
NAWQA LUSRC1-7	12-28-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-30	11-03-99	<1	<.03	<.1	E.01	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-27	12-01-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-23	10-21-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
	01-27-00	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-24	12-08-99	<1	<.03	<.1	E.02	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-26	12-15-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	E.1
NAWQA LUSRC1-25	11-09-99	<1	<.03	<.1	E.01	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-28	11-22-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-21	11-04-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-22	11-23-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-18	10-28-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-2	11-16-99	<1	<.03	<.1	E.01	<.2	<.3	<.5	<.4	M
NAWQA LUSRC1-17	10-27-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-10	01-03-00	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	M
NAWQA LUSRC1-20	01-04-00	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	M
NAWQA LUSRC1-15	12-07-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-16	11-08-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	E.1
NAWQA LUSRC1-13	12-09-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-14	11-29-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-9	12-02-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-12	11-17-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-29	01-06-00	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	.1
NAWQA LUSRC1-6	12-13-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	45.5
NAWQA LUSRC1-11	12-20-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	E.1
NAWQA LUSRC1-4	11-02-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-5	11-30-99	<1	<.03	<.1	E.02	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-8	12-27-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	M
NAWQA LUSRC1-3	12-06-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-1	11-15-99	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1
NAWQA LUSRC1-19	01-05-00	<1	<.03	<.1	<.03	<.2	<.3	<.5	<.4	<.1

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	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)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)
				MONTGOMERY COUNTY						
NAWQA LUSRC1-7	12-28-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-30	11-03-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-27	12-01-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-23	10-21-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
	01-27-00	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-24	12-08-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-26	12-15-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-25	11-09-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-28	11-22-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-21	11-04-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-22	11-23-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-18	10-28-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-2	11-16-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-17	10-27-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-10	01-03-00	<.09	<.07	<.04	E.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-20	01-04-00	<.09	<.07	E.04	.24	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-15	12-07-99	5.24	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-16	11-08-99	<.09	E.05	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-13	12-09-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-14	11-29-99	<.09	<.07	E.08	E.05	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-9	12-02-99	<.09	<.07	.70	.25	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-12	11-17-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-29	01-06-00	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-6	12-13-99	<.09	<.07	E.02	E.02	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-11	12-20-99	<.09	E.02	<.04	E.02	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-4	11-02-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-5	11-30-99	<.09	<.07	<.04	E.02	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-8	12-27-99	<.09	<.07	E.01	E.01	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-3	12-06-99	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-1	11-15-99	<.09	E.01	<.04	<.03	<.06	<.09	<.05	<.07	<.03
NAWQA LUSRC1-19	01-05-00	<.09	<.07	<.04	<.03	<.06	<.09	<.05	<.07	<.03

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	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)
				MONTGOMERY COUNTY						
NAWQA LUSRC1-7	12-28-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-30	11-03-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-27	12-01-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-23	10-21-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
	01-27-00	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-24	12-08-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-26	12-15-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-25	11-09-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-28	11-22-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-21	11-04-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-22	11-23-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-18	10-28-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-2	11-16-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-17	10-27-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-10	01-03-00	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-20	01-04-00	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-15	12-07-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-16	11-08-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-13	12-09-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-14	11-29-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-9	12-02-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	E.07
NAWQA LUSRC1-12	11-17-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-29	01-06-00	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-6	12-13-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	.21
NAWQA LUSRC1-11	12-20-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-4	11-02-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	E.02
NAWQA LUSRC1-5	11-30-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-8	12-27-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-3	12-06-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-1	11-15-99	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04
NAWQA LUSRC1-19	01-05-00	<.2	<.05	<.05	<.3	<.2	<.09	<.09	<.1	<.04

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	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)	1,1-DI O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	2,2-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	E.03	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-30	11-03-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-27	12-01-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-23	10-21-99	.13	<.04	<.7	<.04	<.04	<.03	<.05	<.1
	01-27-00	E.09	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-24	12-08-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-26	12-15-99	E.02	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-25	11-09-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-28	11-22-99	E.01	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-21	11-04-99	E.03	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-22	11-23-99	E.01	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-18	10-28-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-2	11-16-99	E.03	<.04	<.7	<.04	E.02	<.03	<.05	<.1
NAWQA LUSRC1-17	10-27-99	E.05	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-10	01-03-00	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-20	01-04-00	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-15	12-07-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-16	11-08-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-13	12-09-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-14	11-29-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-9	12-02-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-12	11-17-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-29	01-06-00	E.01	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-6	12-13-99	<.07	.30	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-11	12-20-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-4	11-02-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-5	11-30-99	<.07	<.04	<.7	<.04	E.03	<.03	<.05	<.1
NAWQA LUSRC1-8	12-27-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-3	12-06-99	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-1	11-15-99	E.05	<.04	<.7	<.04	<.04	<.03	<.05	<.1
NAWQA LUSRC1-19	01-05-00	<.07	<.04	<.7	<.04	<.04	<.03	<.05	<.1

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT 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)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-30	11-03-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-27	12-01-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-23	10-21-99	<.06	<.1	E.02	<.03	<.04	<.04	<.04	<.06
	01-27-00	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-24	12-08-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-26	12-15-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-25	11-09-99	<.06	<.1	E.01	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-28	11-22-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-21	11-04-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-22	11-23-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-18	10-28-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-2	11-16-99	E.01	M	E.02	<.03	<.04	E.01	<.04	<.06
NAWQA LUSRC1-17	10-27-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-10	01-03-00	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-20	01-04-00	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-15	12-07-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-16	11-08-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-13	12-09-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-14	11-29-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-9	12-02-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-12	11-17-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-29	01-06-00	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-6	12-13-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-11	12-20-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-4	11-02-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-5	11-30-99	E.02	<.1	E.09	<.03	E.01	E.03	<.04	<.06
NAWQA LUSRC1-8	12-27-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-3	12-06-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-1	11-15-99	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06
NAWQA LUSRC1-19	01-05-00	<.06	<.1	<.06	<.03	<.04	<.04	<.04	<.06

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	METHANE BROMO CHLORO- WAT UNFLTRD REC (UG/L) (77297)	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)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-30	11-03-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-27	12-01-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-23	10-21-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
	01-27-00	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-24	12-08-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-26	12-15-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-25	11-09-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-28	11-22-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-21	11-04-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-22	11-23-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-18	10-28-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-2	11-16-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-17	10-27-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-10	01-03-00	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-20	01-04-00	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-15	12-07-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-16	11-08-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-13	12-09-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-14	11-29-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-9	12-02-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-12	11-17-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-29	01-06-00	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-6	12-13-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-11	12-20-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-4	11-02-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-5	11-30-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-8	12-27-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-3	12-06-99	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03
NAWQA LUSRC1-1	11-15-99	<.04	<.2	<.03	<.06	.14	<.1	<.2	<.03
NAWQA LUSRC1-19	01-05-00	<.04	<.2	<.03	<.06	<.07	<.1	<.2	<.03

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	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)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-30	11-03-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-27	12-01-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-23	10-21-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
	01-27-00	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-24	12-08-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-26	12-15-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-25	11-09-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-28	11-22-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-21	11-04-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-22	11-23-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-18	10-28-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-2	11-16-99	<.3	<.04	<.06	<.2	<.2	<.4	E1	<.04
NAWQA LUSRC1-17	10-27-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-10	01-03-00	<.3	<.04	<.06	M	<.2	<.4	<7	<.04
NAWQA LUSRC1-20	01-04-00	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-15	12-07-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-16	11-08-99	<.3	<.04	<.06	E.1	<.2	<.4	<7	<.04
NAWQA LUSRC1-13	12-09-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-14	11-29-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-9	12-02-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-12	11-17-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-29	01-06-00	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-6	12-13-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-11	12-20-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-4	11-02-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-5	11-30-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-8	12-27-99	<.3	<.04	<.06	M	<.2	<.4	<7	<.04
NAWQA LUSRC1-3	12-06-99	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04
NAWQA LUSRC1-1	11-15-99	<.3	<.04	<.06	.7	<.2	<.4	<7	<.04
NAWQA LUSRC1-19	01-05-00	<.3	<.04	<.06	<.2	<.2	<.4	<7	<.04

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

LOCAL IDENTIFIER	DATE	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHYL-ETHYL-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)
				MONTGOMERY COUNTY					
NAWQA LUSRC1-7	12-28-99	<.2	<.1	<.6	E1	<.3	<2	<.2	<.06
NAWQA LUSRC1-30	11-03-99	<.2	<.1	<.6	<2	<.3	<2	<.2	E.01
NAWQA LUSRC1-27	12-01-99	<.2	<.1	<.6	<2	<.3	<2	<.2	E.02
NAWQA LUSRC1-23	10-21-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
	01-27-00	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-24	12-08-99	<.2	<.1	<.6	<2	<.3	<2	<.2	E.04
NAWQA LUSRC1-26	12-15-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-25	11-09-99	<.2	<.1	<.6	<2	<.3	<2	<.2	E.01
NAWQA LUSRC1-28	11-22-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-21	11-04-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-22	11-23-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-18	10-28-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-2	11-16-99	<.2	<.1	<.6	<2	<.3	<2	<.2	E.02
NAWQA LUSRC1-17	10-27-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-10	01-03-00	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-20	01-04-00	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-15	12-07-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-16	11-08-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-13	12-09-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-14	11-29-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-9	12-02-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-12	11-17-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-29	01-06-00	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-6	12-13-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-11	12-20-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-4	11-02-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-5	11-30-99	<.2	<.1	<.6	<2	<.3	<2	<.2	E.08
NAWQA LUSRC1-8	12-27-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-3	12-06-99	<.2	<.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-1	11-15-99	<.2	E.1	<.6	<2	<.3	<2	<.2	<.06
NAWQA LUSRC1-19	01-05-00	<.2	<.1	<.6	<2	<.3	E2	<.2	<.06

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

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), Lawrence (079), Limestone (083), Madison (089).

STATION NAME	COUNTY	DATE	TIME	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)
EHR-LUS28	033	05-22-00	1300	567	28.00	22.4	25.0
EHR-LUS33	033	05-22-00	1400	538	53.00	20.5	26.0
EHR-LUS23	079	05-24-00	1600	574	43.50	19.9	27.0
EHR-LUS22	079	05-23-00	1700	593	55.00	19.8	24.0
EHR-LUS24	079	05-24-00	1015	565	14.00	17.5	28.0
EHR-LUS25	079	05-24-00	1100	550	53.00	18.3	27.5
EHR-LUS20	083	05-25-00	0930	580	32.00	20.5	28.0
EHR-LUS18	083	05-24-00	1500	612	24.00	23.1	30.0
EHR-LUS35	083	05-25-00	1400	640	53.00	20.0	28.0
EHR-LUS17	083	05-25-00	1530	697	38.00	17.6	27.0
EHR-LUS34	089	06-01-00	1400	595	23.00	16.9	31.0
EHR-LUS36	089	05-25-00	1215	560	25.00	18.4	17.0
EHR-LUS9	089	06-01-00	1000	760	37.00	16.4	24.0
EHR-LUS31	089	06-01-00	1000	663	36.00	21.5	28.0
EHR-LUS13	089	06-01-00	1430	705	35.00	23.0	30.0
EHR-LUS12	089	06-07-00	1200	765	79.00	18.7	20.0
EHR-LUS14	089	05-31-00	1530	822	39.50	23.0	30.0
EHR-LUS10	089	05-31-00	1500	790	53.00	16.0	31.0
EHR-LUS11	089	06-06-00	1500	858	50.00	18.5	20.0
EHR-LUS16	089	05-31-00	1045	845	30.00	16.3	24.5
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	10-26-99	1030	680	--	17.0	16.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	01-12-00	1330	680	--	15.0	16.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	03-22-00	1130	680	--	13.5	21.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	04-19-00	1645	680	--	15.0	30.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	05-10-00	1600	680	--	15.5	25.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	06-14-00	1245	680	--	16.7	33.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	07-12-00	1100	680	--	17.1	35.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	08-16-00	1115	680	--	17.6	34.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	089	09-13-00	1100	680	--	17.8	27.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	10-26-99	1445	--	--	16.0	24.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	01-12-00	1100	--	--	16.0	16.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	03-22-00	0845	--	--	16.0	14.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	04-19-00	0945	--	--	16.0	15.5
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	05-10-00	1330	--	--	16.0	25.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	06-14-00	1530	--	--	16.3	33.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	07-12-00	0815	--	--	16.0	29.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	08-16-00	0830	--	--	16.3	30.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	089	09-13-00	0800	--	--	16.0	23.0

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	WATER WHOLE LAB (STANDARD UNITS) (00403)	PH SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)
EHR-LUS28	759	5.2	60	6.6	7.3	714	721
EHR-LUS33	760	4.7	52	7.6	7.1	259	268
EHR-LUS23	755	3.6	40	7.0	7.5	312	346
EHR-LUS22	755	1.0	11	7.2	7.5	455	466
EHR-LUS24	754	2.7	29	6.5	7.0	273	283
EHR-LUS25	755	.4	4	7.0	7.5	351	361
EHR-LUS20	757	3.9	44	5.0	6.3	39	42
EHR-LUS18	754	6.4	76	6.6	7.2	258	254
EHR-LUS35	755	6.4	71	6.7	7.3	295	299
EHR-LUS17	752	2.8	30	7.2	7.2	122	128
EHR-LUS34	763	1.1	11	7.1	7.2	816	829
EHR-LUS36	756	1.0	11	6.5	7.3	478	496
EHR-LUS9	763	7.8	--	6.3	6.6	156	172
EHR-LUS31	757	7.4	85	4.9	5.7	60	64
EHR-LUS13	760	6.7	78	7.1	6.9	248	259
EHR-LUS12	760	6.9	74	5.6	6.0	93	96
EHR-LUS14	759	6.6	77	6.7	6.6	123	125
EHR-LUS10	757	1.4	14	5.3	5.6	32	32
EHR-LUS11	758	7.8	84	4.6	5.2	66	69
EHR-LUS16	757	7.8	80	5.5	6.2	104	105
MCGEEHEE SPRING NEAR NEW MARKET, AL	753	7.1	75	7.3	7.0	118	124
MCGEEHEE SPRING NEAR NEW MARKET, AL	760	6.8	68	6.9	7.1	137	137
MCGEEHEE SPRING NEAR NEW MARKET, AL	756	4.8	46	6.5	6.6	93	97
MCGEEHEE SPRING NEAR NEW MARKET, AL	755	5.7	57	6.6	6.8	128	133
MCGEEHEE SPRING NEAR NEW MARKET, AL	757	6.5	66	6.7	7.3	124	131
MCGEEHEE SPRING NEAR NEW MARKET, AL	758	7.2	75	6.8	6.9	121	129
MCGEEHEE SPRING NEAR NEW MARKET, AL	755	7.1	74	6.8	7.0	130	131
MCGEEHEE SPRING NEAR NEW MARKET, AL	759	6.7	70	6.9	7.1	128	132
MCGEEHEE SPRING NEAR NEW MARKET, AL	757	6.5	69	6.9	7.0	129	135
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	748	7.9	82	7.1	7.3	160	159
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	760	8.0	81	7.0	6.9	169	169
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	753	8.2	83	7.2	7.0	188	200
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	757	8.5	87	7.0	6.9	179	184
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	758	8.7	89	6.9	7.3	156	167
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	754	8.8	90	6.9	7.2	162	157
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	755	9.1	93	E6.8	7.2	155	163
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	759	8.7	89	7.1	6.8	152	160
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	756	8.4	86	7.0	7.1	151	171

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	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 WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	TUR-BID-ITY (NTU) (00076)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)
EHR-LUS28	402	392	415	340	<1	4.2	--
EHR-LUS33	162	151	144	118	<1	3.9	--
EHR-LUS23	201	185	187	153	<1	16	--
EHR-LUS22	265	236	252	207	<1	4.6	--
EHR-LUS24	158	153	165	135	<1	--	--
EHR-LUS25	206	190	201	165	<1	2.3	--
EHR-LUS20	36	29	10	8	<1	6.0	--
EHR-LUS18	150	145	141	115	<1	7.0	--
EHR-LUS35	170	161	165	136	<1	2.8	--
EHR-LUS17	72	70	60	50	<1	9.1	--
EHR-LUS34	490	473	446	366	<1	2.0	--
EHR-LUS36	281	279	336	276	<1	1.4	--
EHR-LUS9	94	95	63	51	<1	16	--
EHR-LUS31	42	43	5	4	<1	15	--
EHR-LUS13	140	128	117	96	<1	130	--
EHR-LUS12	69	--	32	26	<1	5.8	--
EHR-LUS14	72	--	65	54	<1	4.2	--
EHR-LUS10	18	--	8	7	<1	46	--
EHR-LUS11	61	47	5	4	<1	22	--
EHR-LUS16	74	63	28	23	<1	29	--
MCGEEHEE SPRING NEAR NEW MARKET, AL	70	71	59	48	K13	--	1
MCGEEHEE SPRING NEAR NEW MARKET, AL	81	80	62	51	44	--	1
MCGEEHEE SPRING NEAR NEW MARKET, AL	56	55	37	30	--	--	--
MCGEEHEE SPRING NEAR NEW MARKET, AL	77	72	47	38	K1	--	1
MCGEEHEE SPRING NEAR NEW MARKET, AL	75	73	58	47	--	--	1
MCGEEHEE SPRING NEAR NEW MARKET, AL	76	74	63	52	0	.9	--
MCGEEHEE SPRING NEAR NEW MARKET, AL	72	73	62	51	3	--	1
MCGEEHEE SPRING NEAR NEW MARKET, AL	78	75	61	50	K3	--	1
MCGEEHEE SPRING NEAR NEW MARKET, AL	76	76	66	54	59	--	1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	91	90	74	61	K19	--	0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	101	100	85	70	K8	--	1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	106	112	102	84	52	--	1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	105	101	85	70	K14	--	0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	97	94	79	64	31	--	0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	96	87	72	59	K17	.3	--
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	92	89	74	61	K24	--	2
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	97	90	76	62	80	--	1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	96	89	74	61	55	--	1

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4) (00660)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
EHR-LUS28	<.020	<.010	<.10	.481	--	.010	<.010
EHR-LUS33	<.020	<.010	<.10	3.67	.046	.017	.015
EHR-LUS23	<.020	<.010	<.10	.563	--	<.006	<.010
EHR-LUS22	.024	<.010	<.10	<.050	--	E.005	<.010
EHR-LUS24	<.020	<.010	E.10	.871	--	E.004	<.010
EHR-LUS25	<.020	<.010	<.10	.321	.055	.017	.018
EHR-LUS20	<.020	<.010	<.10	1.01	--	E.004	<.010
EHR-LUS18	<.020	<.010	E.10	3.37	--	E.005	<.010
EHR-LUS35	<.020	<.010	<.10	2.71	.043	.014	.014
EHR-LUS17	<.020	<.010	E.10	.070	--	<.006	<.010
EHR-LUS34	<.020	<.010	<.10	.103	--	.006	<.010
EHR-LUS36	.033	<.010	E.10	<.050	--	.006	<.010
EHR-LUS9	<.020	<.010	<.10	5.66	--	E.003	<.010
EHR-LUS31	<.020	<.010	<.10	3.34	--	<.006	<.010
EHR-LUS13	<.020	<.010	<.10	3.27	.107	.042	.035
EHR-LUS12	<.020	<.010	<.10	3.84	--	.008	<.010
EHR-LUS14	<.020	<.010	<.10	.814	--	.006	<.010
EHR-LUS10	<.020	.012	<.10	.177	--	<.006	<.010
EHR-LUS11	<.020	<.010	<.10	5.01	--	<.006	<.010
EHR-LUS16	.024	<.010	<.10	3.21	--	E.003	<.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	<.10	1.99	.031	.009	.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	E.10	2.56	--	.010	<.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	.18	1.98	--	.013	<.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	E.10	2.65	--	.007	<.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	<.10	2.25	--	.008	<.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	<.10	2.18	.031	.009	.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	<.10	2.14	--	.010	<.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	<.10	2.11	--	.011	<.010
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.020	<.010	<.10	2.10	--	.010	<.010
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	<.10	2.48	--	.011	<.010
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	<.10	2.89	.049	.016	.016
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	<.10	2.85	.071	.018	.023
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	<.10	3.01	.043	.016	.014
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	<.10	2.87	.037	.014	.012
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	<.10	2.73	.043	.012	.014
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	<.10	2.54	.043	.014	.014
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	E.10	2.55	.043	.013	.014
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.020	<.010	E.10	2.50	.031	.015	.010

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	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)
EHR-LUS28	.61	340	3	123	8.50	18.8
EHR-LUS33	E.24	120	4	46.1	1.67	1.7
EHR-LUS23	.52	170	12	59.8	3.99	5.1
EHR-LUS22	.45	240	32	84.9	6.44	4.8
EHR-LUS24	.35	140	4	50.9	2.95	1.6
EHR-LUS25	E.32	190	20	68.2	3.65	2.1
EHR-LUS20	E.31	12	4	3.26	1.01	1.4
EHR-LUS18	.65	120	7	43.1	3.65	1.4
EHR-LUS35	.33	140	6	47.3	5.60	1.7
EHR-LUS17	.81	53	4	14.6	4.00	2.4
EHR-LUS34	2.4	340	--	122	8.45	40.0
EHR-LUS36	.55	260	--	94.7	5.22	2.1
EHR-LUS9	.43	73	21	15.6	8.20	1.8
EHR-LUS31	.80	14	10	2.89	1.72	4.4
EHR-LUS13	E.27	120	24	27.5	12.4	1.1
EHR-LUS12	E.21	36	10	10.1	2.74	1.2
EHR-LUS14	E.31	58	4	16.8	3.83	1.4
EHR-LUS10	E.26	7	--	1.98	.48	1.5
EHR-LUS11	.34	20	16	5.14	1.72	1.9
EHR-LUS16	E.23	41	18	13.8	1.73	1.4
MCGEEHEE SPRING NEAR NEW MARKET, AL	E.28	55	7	16.7	3.30	1.2
MCGEEHEE SPRING NEAR NEW MARKET, AL	E.21	64	13	19.3	3.89	1.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	3.1	40	9	12.0	2.34	.8
MCGEEHEE SPRING NEAR NEW MARKET, AL	.46	54	16	16.2	3.42	1.2
MCGEEHEE SPRING NEAR NEW MARKET, AL	E.30	56	8	16.5	3.55	1.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	E.32	56	4	16.7	3.52	1.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.77	58	7	17.4	3.51	1.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.88	63	13	19.0	3.82	1.0
MCGEEHEE SPRING NEAR NEW MARKET, AL	.55	60	6	18.3	3.53	1.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.26	74	13	24.1	3.33	1.7
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.31	79	9	25.8	3.55	2.0
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.19	86	2	28.2	3.72	2.2
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.19	80	11	26.2	3.59	2.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.33	73	9	23.8	3.31	1.7
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.30	68	9	21.8	3.26	1.6
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	2.2	71	10	22.9	3.32	1.8
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.81	72	9	23.1	3.36	2.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.92	72	11	23.2	3.33	1.7

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	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)
EHR-LUS28	.4	11	.4	19.7	6.0	.2
EHR-LUS33	.1	3	.5	3.0	1.9	<.1
EHR-LUS23	.2	6	.4	1.4	11.0	<.1
EHR-LUS22	.1	4	.5	.8	5.6	<.1
EHR-LUS24	.1	2	2.5	2.8	3.1	<.1
EHR-LUS25	.1	2	.5	3.7	2.9	<.1
EHR-LUS20	.2	19	.7	1.3	2.8	<.1
EHR-LUS18	.1	2	.8	2.0	3.4	<.1
EHR-LUS35	.1	2	1.0	2.9	1.2	<.1
EHR-LUS17	.1	9	.6	1.2	9.8	.2
EHR-LUS34	.9	20	.7	26.3	41.4	.3
EHR-LUS36	.1	2	.5	1.5	1.1	<.1
EHR-LUS9	.1	5	.5	5.6	1.2	<.1
EHR-LUS31	.5	38	.8	5.6	1.7	<.1
EHR-LUS13	.0	2	.5	5.7	.5	<.1
EHR-LUS12	.1	6	2.2	2.8	E.3	<.1
EHR-LUS14	.1	--	E.2	2.9	1.0	<.1
EHR-LUS10	.2	30	.4	3.8	E.2	<.1
EHR-LUS11	.2	17	.9	4.3	.4	<.1
EHR-LUS16	.1	7	.5	5.0	4.8	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	4	.4	2.5	.8	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	4	.4	3.1	3.0	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	4	1.0	2.2	4.7	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	5	.6	3.5	5.7	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	4	.4	3.4	2.5	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	4	.3	3.0	1.0	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	4	.3	2.4	.8	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	3	.3	2.4	.7	<.1
MCGEEHEE SPRING NEAR NEW MARKET, AL	.1	4	.4	2.3	.8	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	5	.4	3.2	1.7	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	5	.5	3.3	2.1	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	5	.5	3.8	2.6	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	5	.5	3.6	1.8	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	5	.4	3.7	1.5	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	5	.3	3.3	1.3	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	5	.4	3.3	1.5	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	6	.3	3.2	1.3	<.1
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	.1	5	.4	3.0	1.6	<.1

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 SIO2) (00955)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)
EHR-LUS28	8.2	<10	4	--	.55	.19
EHR-LUS33	8.7	<10	E2	--	.22	.02
EHR-LUS23	8.4	<10	9	--	.27	.02
EHR-LUS22	8.1	40	438	--	.36	<.01
EHR-LUS24	4.1	<10	67	--	.21	.02
EHR-LUS25	8.1	<10	177	--	.28	.04
EHR-LUS20	8.6	E10	437	--	.05	<.01
EHR-LUS18	6.5	<10	<2	--	.20	.01
EHR-LUS35	8.2	<10	3	--	.23	.02
EHR-LUS17	5.3	<10	2590	--	.10	<.01
EHR-LUS34	13.5	<10	64	--	.67	.29
EHR-LUS36	7.6	20	1130	--	.38	<.01
EHR-LUS9	6.3	<10	117	--	.13	.02
EHR-LUS31	8.1	<10	83	--	.06	.02
EHR-LUS13	8.0	<10	108	--	.19	.03
EHR-LUS12	8.7	<10	151	--	--	.01
EHR-LUS14	7.6	<10	<2	--	--	.01
EHR-LUS10	9.3	760	61	--	--	.05
EHR-LUS11	7.7	E10	44	--	.08	.03
EHR-LUS16	8.0	<10	239	--	.10	.02
MCGEEHEE SPRING NEAR NEW MARKET, AL	8.2	<10	4	--	.10	.02
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.5	<10	<2	.11	.11	.02
MCGEEHEE SPRING NEAR NEW MARKET, AL	5.0	E10	3	--	.08	--
MCGEEHEE SPRING NEAR NEW MARKET, AL	6.9	<10	<2	--	.10	.01
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.5	<10	2	--	.10	.01
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.7	<10	<2	--	.10	.02
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.7	<10	E1	.03	.10	.02
MCGEEHEE SPRING NEAR NEW MARKET, AL	8.2	<10	<2	--	.11	.05
MCGEEHEE SPRING NEAR NEW MARKET, AL	7.7	<10	<2	--	.10	--
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.3	<10	E1	--	.12	.02
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.3	<10	<2	.77	.14	.03
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	7.9	<10	<2	--	.14	.03
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.2	<10	<2	--	.14	.02
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.2	<10	E1	--	.13	.01
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.2	<10	<2	--	.13	.02
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.0	<10	2	1.12	.13	.02
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.1	<10	<2	--	.13	.02
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	8.3	<10	<2	.86	.13	--

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)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)
EHR-LUS28	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS33	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS23	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS22	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS24	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS25	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS20	<.007	<.002	<.005	.022	<.004	<.003
EHR-LUS18	<.007	<.002	.021	.174	<.004	<.003
EHR-LUS35	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS17	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS34	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS36	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS9	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS31	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS13	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS12	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS14	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS10	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS11	<.007	<.002	<.005	<.018	<.004	<.003
EHR-LUS16	<.007	<.002	<.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	<.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	<.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	<.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	<.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	<.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	<.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	<.005	<.018	<.004	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.007	<.002	<.005	<.018	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	<.005	<.018	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	.007	E.004	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	.013	E.007	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	E.004	E.004	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	<.005	<.018	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	<.005	<.018	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	E.004	<.018	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	<.005	<.018	<.004	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.007	<.002	<.005	<.018	<.004	<.003

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	ALPHA BHC DIS-SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	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)
EHR-LUS28	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS33	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS23	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS22	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS24	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS25	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS20	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS18	<.002	<.006	<.002	<.004	<.004	<.001	.043
EHR-LUS35	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS17	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS34	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS36	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS9	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS31	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS13	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS12	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS14	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS10	<.002	<.006	<.002	<.004	<.004	<.001	<.002
EHR-LUS11	<.002	<.006	<.002	<.004	<.004	<.001	.922
EHR-LUS16	<.002	<.006	<.002	<.004	<.004	<.001	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	E.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	.008
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.006	<.002	<.004	<.004	<.001	E.001
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	<.001	E.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	.006	.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	.009	.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	<.001	.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	<.010	.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	<.010	.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	.006	.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	<.001	.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.006	<.002	<.004	<.004	.004	E.003

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	MALA-THION, DIS-SOLVED (UG/L) (39532)	PARA-THION, DIS-SOLVED (UG/L) (39542)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)
EHR-LUS28	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS33	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS23	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS22	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS24	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS25	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS20	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS18	<.005	<.004	<.002	<.002	<.002	<.002	<.020
EHR-LUS35	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS17	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS34	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS36	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS9	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS31	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS13	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS12	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS14	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS10	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS11	<.005	<.004	<.002	<.002	<.002	<.002	<.003
EHR-LUS16	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.005	<.004	<.002	<.002	<.002	<.002	<.003

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	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)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
EHR-LUS28	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS33	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS23	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS22	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS24	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS25	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS20	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS18	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS35	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS17	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS34	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS36	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS9	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS31	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS13	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS12	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS14	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS10	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS11	<.004	<.003	<.002	<.004	<.002	<.007	<.006
EHR-LUS16	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.004	<.003	<.002	<.004	<.002	<.007	<.006

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	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)
EHR-LUS28	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS33	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS23	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS22	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS24	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS25	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS20	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS18	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS35	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS17	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS34	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS36	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS9	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS31	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS13	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS12	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS14	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS10	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS11	<.002	<.004	<.010	<.004	<.003	<.002
EHR-LUS16	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.010	<.004	<.003	<.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.010	<.004	<.003	<.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.010	<.004	<.003	<.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.010	<.004	<.003	<.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.010	<.004	<.003	<.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.010	<.004	<.003	<.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.010	<.004	<.003	<.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.010	<.004	<.003	<.002
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.010	<.004	<.003	<.002

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

STATION NAME	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)
EHR-LUS28	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS33	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS23	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS22	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS24	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS25	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS20	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS18	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS35	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS17	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS34	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS36	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS9	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS31	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS13	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS12	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS14	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS10	<.003	<.013	<.003	<.017	<.001	<.004
EHR-LUS11	E.023	<.013	<.003	<.017	<.001	<.004
EHR-LUS16	<.003	<.013	<.003	<.017	<.001	<.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.003	<.013	<.003	<.017	<.001	<.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.003	<.013	<.003	<.017	<.001	<.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.003	<.013	<.003	<.017	<.001	<.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.003	<.013	<.003	<.017	<.001	<.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.003	<.013	<.003	<.017	<.001	<.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.003	<.013	<.003	<.017	<.001	<.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.003	<.013	<.003	<.017	<.001	<.004
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.003	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.003	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.003	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.003	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	E.013	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.003	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.003	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.003	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.003	<.013	<.003	<.017	<.001	<.004
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.003	<.013	<.003	<.017	<.001	<.004

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER TENNESSEE 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)
EHR-LUS28	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS33	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS23	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS22	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS24	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS25	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS20	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS18	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS35	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS17	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS34	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS36	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS9	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS31	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS13	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS12	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS14	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS10	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS11	<.002	<.004	<.003	<.013	<.001	<.005
EHR-LUS16	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MCGEEHEE SPRING NEAR NEW MARKET, AL	<.002	<.004	<.003	<.013	<.001	<.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.003	<.013	<.001	<.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.003	<.013	<.001	<.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.003	<.013	<.001	<.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.003	<.013	<.001	<.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.003	<.013	<.001	<.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.003	<.013	<.001	<.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.003	<.013	<.001	<.005
MERIDIANVILLE SPRING AT MERIDIANVILLE, AL	<.002	<.004	<.003	<.013	<.001	<.005

PRECIPITATION-QUALITY DATA

322710087140401 PRECIPITATION STATION NEAR MARION JUNCTION, AL

LOCATION.--Lat 32°27'10", long 87°14'04", Hydrologic Unit 03150203, NE$^1/_4$SE$^1/_4$SW$^1/_4$ 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/acidrain.

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 1999 TO SEPTEMBER 2000

DATE	TIME	PRECIP-ITATION TOTAL INCHES/ WEEK (00046)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	ACIDITY (MG/L AS CACO3) (00435)	DIS-ACIDITY (MG/L AS H) (71825)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NO2+NO3 SOLVED (MG/L AS N) (00631)
MAR									
14...	0900	.29	12	6.9	5.0	5.0	.1	.130	.164
22...	1315	2.45	27	4.9	4.5	6.5	.1	.280	.434
28...	0736	.71	39	4.5	4.2	6.5	.1	.440	.389
APR									
04...	0725	4.96	9	5.7	5.1	5.5	.1	.220	.122
18...	0740	.32	16	4.8	4.8	5.5	.1	.170	.247
25...	0733	.57	25	4.9	4.9	6.5	.1	.460	.328
MAY									
02...	1045	.44	36	4.6	4.4	7.0	.1	.850	.598
16...	0823	.35	30	4.3	4.3	6.5	.1	.360	.475
23...	0721	.35	30	4.1	4.3	6.5	.1	.180	.393
30...	0743	.84	23	4.3	4.4	6.5	.1	.140	.212
JUN									
06...	0903	1.29	27	4.2	4.3	6.5	.1	.130	.281
JUL									
18...	0745	.65	34	4.3	4.3	--	<.1	.510	.666
25...	0745	.96	42	4.1	4.3	--	<.1	.480	.806
AUG									
08...	1030	.53	28	4.1	4.2	--	<.1	.110	.424
15...	0800	.41	35	3.9	4.1	5.0	.1	.240	.638
SEP									
05...	1245	1.19	27	3.9	4.3	5.0	.1	.200	.438
12...	0730	3.50	6	4.5	5.0	--	<.1	.023	.081

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	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)
MAR									
14...	.17	.013	1	.30	.04	.2	.1	.4	1.5
22...	.36	.005	1	.30	.10	1.0	.1	1.6	2.3
28...	.57	.008	1	.20	.05	.2	.1	.6	3.8
APR									
04...	.28	<.002	1	.20	.05	.2	.1	.6	.9
18...	.22	<.002	0	.10	.04	.2	<.1	.5	1.5
25...	.59	.010	2	.70	.10	.6	.1	1.5	2.5
MAY									
02...	1.09	.004	2	.70	.04	<.1	.2	1.1	4.5
16...	.46	.005	1	.40	.06	<.1	.1	1.0	3.0
23...	.23	.007	1	.20	.05	.2	.1	.8	3.2
30...	.18	.002	1	.20	.03	.1	.1	.5	2.2
JUN									
06...	.17	.005	0	.10	.02	<.1	M	.4	3.0
JUL									
18...	.66	.005	2	.60	.05	.1	.1	.6	3.8
25...	.62	.039	3	.70	.20	.9	.1	1.8	4.0
AUG									
08...	.14	.003	1	.20	.04	.2	M	.7	3.0
15...	.31	.005	1	.20	.05	.3	.1	.7	3.3
SEP									
05...	.26	.003	--	.20	<.03	.1	.1	.2	2.9
12...	.03	<.002	--	.02	<.03	.1	M	.3	.6

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000

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 ft^3/s)

03-20-00	*7.92 ft	*4,730 ft^3/s

02342933 South Fork Cowikee Creek near Batesville (base discharge, 3,500 ft^3/s)

03-20-00	*13.66 ft	*3,210 ft^3/s

0234296910 Chattahoochee River at Coast Guard Dock at Eufaula

04-01-00	*190.21 ft

CHOCTAWHATCHEE RIVER BASIN

02361000 Choctawhatchee River near Newton (base discharge, 5,000 ft^3/s)

02-14-00	*8.70 ft	*2,350 ft^3/s

02362240 Little Double Bridges Creek near Enterprise (base discharge 400 ft^3/s)

02-14-00	*7.79 ft	*585 ft^3/s

02363000 Pea River near Ariton (base discharge, 4,000 ft^3/s)

03-23-00	*7.04 ft	*2,210 ft^3/s

02363005 Pea River tributary near Roeton

2000	water year	< 60 $ft^{3/}s$

02364000 Pea River at Elba

03-20-00	*10.07 ft	*3,430 ft^3/s

BLACKWATER RIVER BASIN

02369800 Blackwater River near Bradley (base discharge, 1,000 ft^3/s)

01-10-00	*3.35 ft	*280 ft^3/s

ESCAMBIA RIVER BASIN

02371500 Conecuh River at Brantley (base discharge, 4,000 ft^3/s)

03-25-00	*9.41 ft	*1,660 ft^3/s

02372250 Patsaliga Creek near Brantley (base discharge, 4,000 ft^3/s)

03-22-00	*10.71 ft	*1,090 ft^3/s

02372422 Conecuh River below Point A Dam at River Falls

03-21-00	*11.02 ft	*3,020 ft^3/s

02373000 Sepulga River near McKenzie (base discharge, 3,500 ft^3/s)

03-21-00	*6.11 ft	*1,590 ft^3/s

02374250 Conecuh River at State Highway 41 near Brewton

03-22-00	*15.55 ft	*4,660 ft^3/s

02374500 Murder Creek near Evergreen (base discharge, 2,000 ft^3/s)

10-11-99	*6.12 ft	*378 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02374700 Murder Creek at State Highway 41 near Brewton (base discharge, 3,000 ft^3/s)

10-10-99	*12.46 ft	*1,060 ft^3/s

02374745 Burnt Corn Creek at State Highway 41 near Brewton (base discharge, 2,000 ft^3/s)

10-10-99	*7.71 ft	*946 ft^3/s

PERDIDO RIVER BASIN

02376115 Elevenmile Creek near Pensacola, FL (base discharge, 1,000 ft^3/s)

09-08-00	*7.85 ft	781 ft^3/s

02376500 Perdido River at Barrineau Park, FL (base discharge, 4,000 ft^3/s)

10-11-99	*6.42 ft	*1,780 ft^3/s

02377570 Styx River near Elsanor (base discharge, 3,000 ft^3/s)

10-11-99	*7.73 ft	*1,750 ft^3/s

FISH RIVER BASIN

02378300 Magnolia River at U.S. Highway 98 near Foley (base discharge, 400 ft^3/s)

03-30-00	*7.45 ft	*388 ft^3/s

02378500 Fish River near Silver Hill (base discharge, 750 ft^3/s)

03-30-00	*8.68 ft	*600 ft^3/s

MOBILE RIVER BASIN

02398037 Chattooga River at Chattogaville, GA (base discharge, 4,000 ft^3/s)

04-05-00	*17.99 ft	*7,140 ft^3/s

02398300 Chattooga River above Gaylesville (base discharge, 5,000 ft^3/s)

04-05-00	*17.91 ft	*7,700 ft^3/s

02398950 West Fork Little River at DeSoto State Park near Fort Payne (base discharge, 1,000 ft^3/s)

03-20-00	8.58 ft	1,400 ft^3/s	04-03-00	*11.18 ft	*3,130 ft^3/s

02399200 Little River near Blue Pond (base discharge, 6,000 ft^3/s)

03-20-00	7.97 ft	6,810 ft^3/s	04-04-00	*10.03 ft	*13,400 ft^3/s

02399500 Coosa River at Leesburg

04-06-00	*565.49 ft

02400100 Terrapin Creek at Ellisville (base discharge, 4,000 ft^3/s)

04-04-00	*14.62 ft	*5,720 ft^3/s

02400496 Coosa River at Gadsden Steamplant near Gadsden

04-05-00	*24.90 ft

02400500 Coosa River at Gadsden

04-05-00	*23.87 ft

02400700 Coosa River at Childersburg

04-04-00	*21.54 ft

02401000 Big Wills Creek near Reece City (base discharge, 3,600 ft^3/s)

04-04-00	*10.34 ft	*4,060 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02416481 Norrell Branch near Dadeville

2000	water year	< 16 ft^3/s

02418230 Sougahatchee Creek near Loachapoka (base discharge, 750 ft^3/s)

01-10-00	*4.63	*1,590 ft^3/s	03-20-00	3.55 ft	798 ft^3/s

02418500 Tallapoosa River below Tallassee

04-05-00	(1)	*11,400 ft^3/s

02419000 Uphapee Creek near Tuskegee (base discharge, 5,000 ft^3/s)

03-21-00	*7.83 ft	*2,580 ft^3/s

02419500 Tallapoosa River at Milstead

04-05-00	e*16.50 ft

02419890 Tallapoosa River near Montgomery

04-06-00	*16.80 ft	*20,800 ft^3/s

02419977 Three Mile Creek at North Boulvard at Montgomery (base discharge, 750 ft^3/s)

01-30-99	*12.40 ft	*758 ft^3/s	03-19-00	*10.83 ft	650 ft^3/s
06-27-99	12.36 ft	755 ft^3/s			

02419988 Alabama River at Montgomery

04-06-00	*33.32 ft

02420000 Alabama River near Montgomery

04-06-00	*35.70 ft	*96,000 ft^3/s

02421000 Catoma Creek near Montgomery (base discharge, 5,000 ft^3/s)

03-21-00	*13.25 ft	*2,780 ft^3/s

02421105 Pintlalla Creek tributary near Sellers

03-19-00	*8.18 ft	*131 ft^3/s

02421115 Pintlalla Creek at Liberty Church Road near Pintlalla (base discharge, 2,000 ft^3/s)

03-20-00	*13.09 ft	*992 ft^3/s

02422500 Mulberry Creek at Jones (base discharge, 4,000 ft^3/s)

04-04-00	*8.84 ft	*4,240 ft^3/s

02423000 Alabama River at Selma

04-07-00	*37.40 ft

02423130 Cahaba River at Trussville (base discharge, 1,000 ft^3/s)

10-10-99	5.14 ft	1,380 ft^3/s	04-03-00	9.35 ft	4,460 ft^3/s
03-11-00	*10.37 ft	*5,290 ft^3/s	08-02-00	4.99 ft	1,290 ft^3/s
03-19-00	5.85 ft	1,840 ft^3/s			

02423190 Big Black Creek near Leeds (base discharge, 600 ft^3/s)

03-11-00	7.10 ft	709 ft^3/s	04-04-00	*18.29 ft	3,190 ft^3/s
03-20-00	10.98 ft	1,450 ft^3/s			

02423380 Cahaba River near Mountain Brook (base discharge, 3,500 ft^3/s)

03-11-00	9.41 ft	4,820 ft^3/s	04-04-00	*14.58 ft	*10,300 ft^3/s
03-20-00	9.42 ft	4,830 ft^3/s			

02423397 Little Cahaba River below Leeds (base discharge, 700 ft^3/s)

03-19-00	8.09 ft	810 ft^3/s	04-03-00	*10.54 ft	*1,650 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02423398 Little Cahaba River near Leeds (base discharge, 850 ft^3/s)

03-19-00	8.01 ft	913 ft^3/s	04-03-00	*10.22 ft	*1,880 ft^3/s

02423425 Cahaba River near Cahaba Heights (base discharge, 4,000 ft^3/s)

03-20-00	11.66 ft	4,270 ft^3/s	04-04-00	*22.28 ft	*13,500 ft^3/s

02423496 Cahaba River near Hoover (base discharge, 4,500 ft^3/s)

03-11-00	18.41 ft	5,070 ft^3/s	04-04-00	*34.38 ft	*13,100 ft^3/s
03-20-00	19.80 ft	5,610 ft^3/s			

02423500 Cahaba River near Acton (base discharge, 4,500 ft^3/s)

03-11-00	17.52 ft	5,110 ft^3/s	04-04-00	*34.40 ft	*15,000 ft^3/s
03-20-00	18.78 ft	5,660 ft^3/s			

02423555 Cahaba River near Helena (base discharge, 6,500 ft^3/s)

04-04-00	*30.97 ft	*18,200 ft^3/s

0242354750 Cahaba Valley Creek at Cross Creek Road at Pelham (base discharge, 500 ft^3/s)

01-31-99	*6.95 ft	*724 ft^3/s	04-04-00	*6.32 ft	* 1,650 ft^3/s
03-19-00	6.32 ft	596 ft^3/s			

02423630 Shades Creek near Greenwood (base discharge, 2,000 ft^3/s)

03-11-00	13.84 ft	3,700 ft^3/s	04-03-00	*14.84 ft	*6,110 ft^3/s
03-20-00	13.99 ft	4,000 ft^3/s			

02424000 Cahaba River at Centreville (base discharge, 20,000 ft^3/s)

04-04-00	*29.09 ft	*36,300 ft^3/s

02424590 Cahaba River near Suttle (base discharge, 16,000 ft^3/s)

03-22-00	25.97 ft	16,100 ft^3/s	04-06-00	*36.50 ft	*29,900 ft^3/s

0242500 Cahaba River near Marion Junction (base discharge, 14,000 ft^3/s)

03-22-00	25.40 ft	17,600 ft^3/s	04-07-00	*35.25 ft	*31,000 ft^3/s

02427250 Pine Barren Creek near Snow Hill (base discharge, 5,000 ft^3/s)

03-20-00	*13.65 ft	*2,740 ft^3/s

02428400 Alabama River at Claiborne Lock and Dam near Monroeville

04-09-00	*43.18 ft	*118,000 ft^3/s

02428401 Alabama River below Claiborne Lock and Dam near Monroeville

04-09-00	*42.48 ft

02438000 Buttahatchee River below Hamilton (base discharge, 7,000 ft^3/s)

04-03-00	*20.29 ft	*13,300 ft^3/s

02442500 Luxapallila Creek at Millport (base discharge, 4,000 ft^3/s)

03-11-00	11.59 ft	4,640 ft^3/s	04-03-00	*13.22 ft	*8,550 ft^3/s

02443730 Kincaide Creek tributary near Ethelsville

04-02-00	*3.90 ft	*93 ft^3/s

02444160 Tombigbee River at Bevill Lock and Dam near Pickensville

04-05-00		*120,000 ft^3/s	04-06-00	*140.45 ft

02444490 Bogue Chitto Creek near Memphis (base discharge, 2,900 ft^3/s)

01-23-99	15.51 ft	3,400 ft^3/s	06-28-99	14.34 ft	2,940 ft^3/s
01-30-99	*16.29 ft	*3,710 ft^3/s	04-03-00	*16.26 ft	*3,700 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02444500 Tombigbee River near Cochrane

04-06-00	*128.38 ft				

02446500 Sipsey River near Elrod (base discharge, 4,500 ft^3/s)

03-15-00	14.35 ft	4,500 ft^3/s	04-06-00	*15.92 ft	*11,300 ft^3/s

02447025 Tombigbee River at Gainesville Lock and Dam near Gainesville

04-06-00		*151,000 ft^3/s	04-07-00	*114.63 ft	

02448500 Noxubee River near Geiger

04-04-00	*35.75 ft	*13,200 ft^3/s			

02448900 Bodka Creek near Geiger (base discharge, 5,000 ft^3/s)

04-04-00	*20.36 ft	*6,750 ft^3/s			

02449840 Duck River near Berlin

04-03-00	*13.17 ft				

02449882 Blue Springs Creek near Blountsville (base discharge, 600 ft^3/s)

03-19-00	7.92 ft	1,120 ft^3/s	04-03-00	*9.24 ft	*1,620 ft^3/s

02450000 Mulberry Fork near Garden City (base discharge, 13,000 ft^3/s)

03-20-00	15.75 ft	23,600 ft^3/s	04-03-00	*19.14 ft	*36,700 ft^3/s

02450180 Mulberry Fork near Arkadelphia (base discharge, 11,000 ft^3/s)

03-20-00	29.38 ft	17,900 ft^3/s	04-04-00	*33.16	*25,100 ft^3/s

02450250 Sipsey Fork near Grayson (base discharge, 4,000 ft^3/s)

03-19-00	18.15 ft	4,170 ft^3/s	04-03-00	*25.04 ft	*6,970 ft^3/s

02450825 Clear Creek at New Hope Church near Popular Spring (base discharge, 4,000 ft^3/s)

04-03-00	*12.04 ft	*6,580 ft^3/s			

02453000 Blackwater Creek near Manchester (base discharge, 2,500 ft^3/s)

03-19-00	7.29 ft	3,320 ft^3/s	04-05-00	*8.61 ft	*4,550 ft^3/s

02453500 Mulberry Fork at Cordova

04-04-00	*19.58 ft				

02454055 Lost Creek above Parrish (base discharge, 3,000 ft^3/s)

03-11-00	21.60 ft	5,790 ft^3/s	04-04-00	*23.14 ft	*6,650 ft^3/s
03-20-00	20.48 ft	5,200 ft^3/s			

02454995 Graves Creek below Blountsville (base discharge, 500 ft^3/s)

03-19-00	6.18 ft	639 ft^3/s	04-03-00	*6.84 ft	*1,140 ft^3/s

02455000 Locust Fork near Cleveland (base discharge, 8,500 ft^3/s)

04-04-00	*12.78 ft	*14,500 ft^3/s			

02455980 Turkey Creek at Sewage Plant near Pinson (base discharge, 1,500 ft^3/s)

11-04-88	7.11 ft	1,010 ft^3/s	05-05-91	*7.99 ft	*1,670 ft^3/s
11-20-88	*7.81 ft	*1,550 ft^3/s	06-07-92	*6.76 ft	*745 ft^3/s
02-28-89	7.19 ft	1,080 ft^3/s	01-12-93	*8.91 ft	*2,290 ft^3/s
06-19-89	7.15 ft	1,050 ft^3/s	05-17-93	7.75 ft	1,500 ft^3/s
11-22-89	7.35 ft	1,200 ft^3/s	03-24-94	7.63 ft	1,420 ft^3/s
02-03-90	8.37 ft	1,920 ft^3/s	03-27-94	7.63 ft	1,420 ft^3/s
02-10-90	7.72 ft	1,480 ft^3/s	06-08-94	7.79 ft	1,530 ft^3/s
02-16-90	*10.67 ft	*3,740 ft^3/s	07-27-94	*8.61 ft	*2,080 ft^3/s
03-16-90	8.26 ft	1,840 ft^3/s	09-23-94	7.24 ft	1,120 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02455980 Turkey Creek at Sewage Plant near Pinson (base discharge, 1,500 ft^3/s)--Continued

11-28-94	*7.47 ft	*1,290 ft^3/s	07-22-97	7.21 ft	1,100 ft^3/s
03-08-95	7.26 ft	1,130 ft^3/s	01-07-98	*12.13 ft	*5,190 ft^3/s
10-03-95	10.51 ft	3,600 ft^3/s	04-08-98	9.21 ft	2,520 ft^3/s
10-05-95	9.60 ft	2,820 ft^3/s	04-18-98	8.01 ft	1,680 ft^3/s
11-07-95	7.94 ft	1,630 ft^3/s	07-03-98	8.23 ft	1,820 ft^3/s
01-26-96	11.12 ft	4,170 ft^3/s	08-08-98	7.93 ft	1,630 ft^3/s
03-06-96	*12.45 ft	*5,540 ft^3/s	08-14-98	7.78 ft	1,530 ft^3/s
03-07-96	10.48 ft	3,570 ft^3/s	08-15-98	7.65 ft	1,440 ft^3/s
05-28-96	7.40 ft	1,240 ft^3/s	01-23-99	*7.71 ft	*1,480 ft^3/s
08-01-96	7.11 ft	1,010 ft^3/s	06-28-99	7.51 ft	1,330 ft^3/s
06-14-97	*10.99 ft	*4,040 ft^3/s	03-11-00	*16.17 ft	*10,100 ft^3/s
06-22-97	9.17 ft	2,490 ft^3/s	03-19-00	8.60 ft	2,070 ft^3/s
07-09-97	7.98 ft	1,660 ft^3/s	04-03-00	11.43 ft	4,470 ft^3/s

02456500 Locust Fork near Sayre (base discharge, 17,000 ft^3/s)

03-11-00	25.61 ft	18,600 ft^3/s	04-04-00	*35.68 ft	*32,500 ft^3/s

02456980 Fivemile Creek at Lawson Road near Tarrant City (base discharge, 1,700 ft^3/s)

10-10-99	4.87 ft	1,720 ft^3/s	04-03-00	7.76 ft	3,370 ft^3/s
03-10-00	*10.08 ft	*7,220 ft^3/s	04-03-00	6.14 ft	2,420 ft^3/s
03-19-00	5.98 ft	2,330 ft^3/s			

02456998 Barton Branch near Tarrant City (base discharge, 600 ft^3/s)

10-10-99	3.96 ft	775 ft^3/s	04-02-00	4.83 ft	1,790 ft^3/s
03-10-00	*4.86 ft	*1,840 ft^3/s	04-03-00	3.99 ft	801 ft^3/s
03-19-00	3.98 ft	792 ft^3/s			

02457000 Fivemile Creek at Ketona (base discharge, 1,700 ft^3/s)

03-10-00	*17.28 ft	*8,350 ft^3/s	04-03-00	12.65 ft	3,970 ft^3/s
03-19-00	8.66 ft	2,370 ft^3/s	04-03-00	8.80 ft	2,430 ft^3/s

02457595 Fivemile Creek near Republic (base discharge, 2,500 ft^3/s)

03-11-00	*18.35 ft	*11,300 ft^3/s	04-03-00	13.95 ft	7,500 ft^3/s
03-19-00	9.78 ft	4,200 ft^3/s			

02457670 Fivemile Creek below Prudes Creek near Graysville (base discharge, 4,500 ft^3/s)

03-11-00	*16.45 ft	*10,700 ft^3/s	04-03-00	15.80 ft	9,590 ft^3/s

02458148 Village Creek at 86th Street North at Roebuck (base discharge, 650 ft^3/s)

10-10-99	8.10 ft	780 ft^3/s	03-19-00	7.73 ft	715 ft^3/s
03-10-00	*10.98 ft	1,430 ft^3/s	04-02-00	9.64 ft	1,070 ft^3/s

02458200 Village Creek at Apalachee Street at Birmingham (base discharge, 2,200 ft^3/s)

10-10-99	16.04 ft	3,280 ft^3/s	04-03-00	17.11 ft	3,830 ft^3/s
03-10-00	*18.78 ft	*4,950 ft^3/s	04-03-00	17.15 ft	3,860 ft^3/s
03-19-00	15.77 ft	3,160 ft^3/s			

02458300 Village Creek at 24th Street at Birmingham (base discharge, 3,000 ft^3/s)

10-10-99	10.89 ft	4,520 ft^3/s	04-03-00	12.13 ft	5,450 ft^3/s
03-10-00	*13.23 ft	*6,280 ft^3/s	04-03-00	12.17 ft	5,470 ft^3/s
03-19-00	10.83 ft	4,480 ft^3/s			

02458450 Village Creek at Avenue W at Ensley (base discharge, 3,500 ft^3/s)

10-10-99	11.18 ft	3,660 ft^3/s	03-19-00	11.34 ft	3,770 ft^3/s
03-11-00	*13.69 ft	*6,170 ft^3/s			

02458502 Village Creek near Pratt City (base discharge, 3,000 ft^3/s)

10-10-99	12.60 ft	3,040 ft^3/s	04-03-00	15.01 ft	4,100 ft^3/s
03-11-00	*17.67 ft	*5,640 ft^3/s	04-03-00	15.26 ft	4,220 ft^3/s
03-19-00	13.65 ft	3,440 ft^3/s			

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02458600 Village Creek near Docena (base discharge, 2,500 ft^3/s)

03-11-00	*e 11.80 ft	*e 6,000 ft^3/s	04-03-00	10.66 ft	4,940 ft^3/s
03-19-00	9.13 ft	3,700 ft^3/s	04-03-00	10.57 ft	4,860 ft^3/s

02461500 Valley Creek near Bessemer (base discharge, 4,000 ft^3/s)

03-11-00	*13.81 ft	*5,830 ft^3/s	04-03-00	12.82 ft	4,530 ft^3/s
03-19-00	12.80 ft	4,510 ft^3/s	04-03-00	13.60 ft	5,540 ft^3/s

02461630 Halls Creek at Bessemer (base discharge, 350 ft^3/s)

10-10-99	11.55 ft	636 ft^3/s	04-03-00	10.77 ft	535 ft^3/s
03-10-00	*12.21 ft	*737 ft^3/s	04-03-00	10.82 ft	541 ft^3/s
03-19-00	10.37 ft	490 ft^3/s			

02461640 Valley Creek below Bessemer (base discharge, 4,000 ft^3/s)

10-10-99	10.14 ft	4,400 ft^3/s	04-03-00	10.63 ft	4,850 ft^3/s
03-11-00	11.81 ft	6,040 ft^3/s	04-03-00	*11.82 ft	*6,060 ft^3/s
03-19-00	10.67 ft	4,890 ft^3/s			

02462000 Valley Creek near Oak Grove (base discharge, 5,000 ft^3/s)

03-11-00	*21.23 ft	*9,230 ft^3/s	04-04-00	20.29 ft	8,570 ft^3/s
03-20-00	18.41 ft	7,550 ft^3/s			

02462500 Black Warrior River at Bankhead Lock and Dam near Bessemer

04-02-00	*255.15 ft	03-11-00	(1) *135,000 ft^3/s

02462501 Black Warrior River below Bankhead Lock and Dam near Bessemer

04-03-00	*189.80 ft

02462951 Black Warrior River at Holt Lock and Dam near Holt

01-29-00	*187.40 ft	04-04-00	(1) *128,000 ft^3/s

02462952 Black Warrior River below Holt Lock and Dam near Holt

04-03-00	*148.25 ft

02464000 North River near Samantha (base discharge, 5,000 ft^3/s)

03-11-00	*22.35 ft	*12,900 ft^3/s	04-04-00	21.02 ft	11,900 ft^3/s
03-20-00	13.49 ft	6,650 ft^3/s			

02464146 Turkey Creek near Tuscaloosa (base discharge, 300 ft^3/s)

03-10-00	4.92 ft	371 ft^3/s	04-02-00	*10.28 ft	*2,500 ft^3/s
03-19-00	6.19 ft	725 ft^3/s			

02464360 Binion Creek below Gin Creek near Samantha (base discharge, 1,200 ft^3/s)

03-11-00	12.97 ft	3,640 ft^3/s	04-03-00	*13.15 ft	*4,010 ft^3/s
03-19-00	11.32 ft	1,400 ft^3/s			

02464800 Lake Tuscaloosa near Tuscaloosa

04-03-00	*228.05 ft

02465000 Black Warrior River at Northport

04-04-00	*142.49 ft	*186,000 ft^3/s

02465005 Black Warrior River below Oliver Lock and Dam, at Tuscaloosa

04-04-00	*140.60 ft

02465493 Elliotts Creek at Moundville (base discharge, 450 ft^3/s)

04-03-00	*6.37 ft	*524 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

PASCAGOULA RIVER BASIN

02479560 Escatawpa River near Agricola, MS (base discharge, 5,000 ft^3/s)

10-11-99	*13.09 ft	*3,900 ft^3/s

02479945 Big Creek at County Road near Wilmer (base discharge, 600 ft^3/s)

10-09-99	*5.91 ft	*175 ft^3/s

02479980 Crooked Creek near Fairview (base discharge, 300 ft^3/s)

03-29-00	*4.60 ft	*285 ft^3/s

02480002 Hamilton Creek at Snow Road near Semmes (base discharge, 250 ft^3/s)

03-29-00	*4.62 ft	*276 ft^3/s

TENNESSEE RIVER BASIN

03573182 Scarham Creek near McVille (base discharge, 1,300 ft^3/s)

03-20-00	8.75 ft	1,560 ft^3/s	04-03-00	*11.79 ft	*3,640 ft^3/s

03574500 Paint Rock near Woodville (base discharge, 6,000 ft^3/s)

03-20-00	18.44 ft	11,400 ft^3/s	04-04-00	*19.73 ft	*17,500 ft^3/s

0357479650 Hester Creek near Plevena (base discharge,

04-03-00	*8.94 ft	*3,390 ft^3/s

03575100 Flint River at Brownsboro (base discharge,

04-04-00	*20.42 ft	*23,900 ft^3/s

0357526200 Big Cove Creek at Dug Hill Road near Huntsville (base discharge, 500 ft^3/s)

04-03-00	*10.88 ft	*1,310 ft^3/s

03575500 Tennessee River at Whitesburg

04-05-00	*18.17 ft	*193,000 ft^3/s

0357568650 Aldridge Creek at Toney Drive at Huntsville (base discharge, 115 ft^3/s)

11-01-99	3.81 ft	122 ft^3/s	04-03-00	*6.73 ft	*882 ft^3/s
01-10-00	4.57 ft	266 ft^3/s	07-20-00	4.58 ft	268 ft^3/s
04-02-00	5.46 ft	480 ft^3/s	09-24-00	4.07 ft	168 ft^3/s

0357568820 Martin Hollow near Huntsville

04-03-00	*14.59 ft	*195 ft^3/s

0357568980 Aldridge Creek at Sherwood Drive near Huntsville (base discharge, 300 ft^3/s)

11-01-99	5.67 ft	391 ft^3/s	04-02-00	7.12 ft	829 ft^3/s
01-10-00	6.11 ft	509 ft^3/s	04-03-00	*8.76 ft	*1,500 ft^3/s
03-19-00	5.99 ft	477 ft^3/s			

03575700 Aldridge Creek near Farley (base discharge, 1,200 ft^3/s)

04-02-00	7.30 ft	1,300 ft^3/s	04-03-00	*8.52 ft	*2,040 ft^3/s

03575830 Indian Creek near Madison (base discharge, 1,500 ft^3/s)

03-20-00	7.95 ft	2,240 ft^3/s	04-03-00	*9.93 ft	*5,890 ft^3/s

0357586650 Fagan Creek at Adams Street at Huntsville (base discharge, 500 ft^3/s)

03-19-00	3.09 ft	351 ft^3/s	04-03-00	*3.86 ft	*1,000 ft^3/s

0357587090 West Fork Pinhook Creek at Blue Springs Road at Huntsville (base discharge, 350 ft^3/s)

04-03-00	*4.95 ft	43 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

0357587140 East Fork Pinhook Creek at Winchester Road at Huntsville (base discharge, 125 ft^3/s)

03-19-00	7.26 ft	150 ft^3/s	04-03-00	*8.19 ft	*417 ft^3/s

0357587400 Pinhook Creek at Mastin Lake Road at Huntsville (base discharge, 500 ft^3/s)

04-03-00	*8.99 ft	*1,840 ft^3/s

0357587728 Dallas Branch at Huntsville (base discharge, 500 ft^3/s)

04-03-00	*4.10 ft	*803 ft^3/s	09-24-00-00	3.45 ft	618 ft^3/s
07-20-00	3.10 ft	525 ft^3/s			

03575890 Pinhook Creek at Huntsville (base discharge, 1,600 ft^3/s)

04-03-00	*10.10 ft	*3,790 ft^3/s

0357591500 Broglan Branch at Oakwood Avenue at Huntsville (base discharge, 300 ft^3/s)

11-01-99	8.77 ft	332 ft^3/s	07-20-00	8.73 ft	332 ft^3/s
01-03-00	8.96 ft	387 ft^3/s	09-12-00	8.67 ft	307 ft^3/s
02-13-00	8.74 ft	324 ft^3/s	09-24-00	9.53 ft	532 ft^3/s
04-03-00	*12.04ft	*1,090 ft^3/s			

03575933 Broglan Branch at Huntsville (base discharge, 1,500 ft^3/s)

04-03-00	*8.41 ft	*2,190 ft^3/s

03575950 Huntsville Spring Branch near Huntsville (base discharge, 2,500 ft^3/s)

11-01-99	11.50 ft	4,450 ft^3/s	04-03-00	*12.77 ft	*6,340 ft^3/s

03575980 McDonald Creek near Huntsville (base discharge, 1,500 ft^3/s)

04-03-00	*8.32 ft	*1,990 ft^3/s

03576250 Limestone Creek near Athens (base discharge, 3,200 ft^3/s)

03-20-00	8.11 ft	3,410 ft^3/s	04-03-00	*11.01 ft	*8,320 ft^3/s

03577150 Tennessee River at Decatur

04-06-00	*8.39 ft

03586500 Big Nance Creek at Courtland (base discharge, 3,800 ft^3/s)

04-04-00	*19.03 ft	*6,230 ft^3/s

03589500 Tennessee River at Florence

04-04-00	*21.46 ft	*245,000 ft^3/s

03590680 Tennessee River at Smithsonia

04-06-00	*16.05 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, 2000
02341500	Chattahoochee River at Columbus, GA	4,670	Aug. 23, 1929	to	Sept. 30, 2000
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, 2000
02342933	South Fork Cowikee Creek near Batesville	112	Oct. 01, 1963	to	Sept. 30, 1971
			Oct. 01, 1974	to	Sept. 30, 2000
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, 2000
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, 2000
02361500	Choctawhatchee River near Bellwood	1,240	Dec. 01, 1921	to	Oct. 31, 1925
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, 2000
02363000	Pea River near Ariton	498	Oct. 01, 1938	to	Sept. 30, 1970
			Oct. 01, 1987	to	Sept. 30, 2000
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 Hacoda	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, 2000
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, 2000
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, 2000
02372422	Conecuh River below Point "A" Dam at River Falls	1,273	June 17, 1999	to	Sept. 30, 2000
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, 2000
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, 2000
02374500	Murder Creek near Evergreen	176	Oct. 01, 1937	to	Sept. 30, 2000
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, 2000
02374745	Burnt Corn Creek at State Highway 41 near Brewton	182	Mar. 20, 1999	to	Sept. 30, 2000
02374950	Big Escambia Creek at Sardine Bridge near Stanley Crossroads	193	May 24, 2000	to	Sept. 30,2000
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, 2000
02376500	Perdido River at Barrineau Park, FL	394	June 01, 1941	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
02398195	Mills Creek near Chesterfield	9.53	Oct. 01, 1978	to	Sept. 30, 1985
02398037	Chattooga River at Chattoogaville, GA	281	Dec. 15, 1999	to	Sept. 30, 2000
02398300	Chattooga River above Gaylesville	366	Jan. 01, 1959	to	Sept. 30, 1967
			Oct. 01, 1984	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
02411930	Tallapoosa River below Tallapoosa, GA	272	Dec. 13, 1999	to	Sept. 30, 2000
02412000	Tallapoosa River near Heflin	448	July 01, 1952	to	Sept. 30, 2000
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, 2000

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, 2000
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, 2000
02414525	High Pine Creek near Roanoke	21.3	Aug. 21, 1998	to	Sept. 30, 2000
02414715	Tallapoosa River near New Site	2,058	Nov. 15, 1985	to	Sept. 30, 2000
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, 2000
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	Sougahatchee Creek near Loachapoka	71.3	Nov. 09, 1999	to	Sept. 30, 2000
02418500	Tallapoosa River below Tallassee	3,328	Oct. 01, 1928	to	Sept. 30, 2000
02419000	Uphapee Creek near Tuskegee	333	Oct. 01, 1939	to	Sept. 30, 1970
			Oct. 01, 1974	to	Sept. 30, 2000
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, 2000
02419977	Three Mile Branch at North Boulevard at Montgomery	8.79	Oct. 01, 1998	to	Sept. 30, 2000
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, 2000
02421115	Pintlalla Creek at Liberty Church Road near Pintlalla	59.3	Oct. 01, 1998	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
02423397	Little Cahaba River below Leeds	17.0	June 16, 1995	to	Sept. 30, 2000
02423398	Little Cahaba River near Leeds	19.4	Oct. 01, 1980	to	Sept. 30, 1981
			May 01, 1988	to	Sept. 30, 2000
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, 2000
02423496	Cahaba River near Hoover	226	May 01, 1988	to	Sept. 30, 2000
02423500	Cahaba River near Acton	230	Oct. 01, 1938	to	Sept. 30, 1957
			Oct. 01, 1983	to	Sept. 30, 2000
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham	25.6	Oct. 01, 1998	to	Sept. 30, 2000
02423555	Cahaba River near Helena	335	Oct. 01, 1995	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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	Tallatchee 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, 2000
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, 2000
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 Bevill Lock and Dam near Pickensville	5,750	Oct. 01, 1980	to	Sept. 30, 2000
02444490	Bogue Chitto Creek near Memphis	52.6	Oct. 01, 1998	to	Sept. 30, 2000
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, 2000
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, 2000
02448500	Noxubee River near Geiger	1,097	Mar. 01, 1939	to	Sept. 30, 1940
			Aug. 01, 1944	to	Sept. 30, 1965
			Oct. 01, 1966	to	Sept. 30, 2000
02448900	Bodka Creek near Geiger	158	Oct. 01, 1990	to	Sept. 30, 2000
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, 2000
02450000	Mulberry Fork near Garden City	365	Oct. 01, 1928	to	Sept. 30, 2000
02450180	Mulberry Fork near Arkadelphia	487	Oct. 01, 1976	to	Sept. 30, 1986
			Oct. 01, 1988	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
02456980	Fivemile Creek at Lawson Road near Tarrant City	18.6	May 11, 1996	to	Sept. 30, 2000
02456998	Barton Branch near Tarrant City	3.11	May 27, 1996	to	Sept. 30, 2000
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, 2000
02457595	Fivemile Creek near Republic	51.9	May 21, 1988	to	Sept. 30, 2000
02457670	Fivemile Creek below Prudes Creek near Graysville	91.7	Apr. 24, 1997	to	Sept. 30, 2000
02458148	Village Creek at 86th Street North at Roebuck	4.10	Oct. 01, 1998	to	Sept. 30, 2000
02458200	Village Creek at Apalachee Street in Birmingham	15.6	Oct. 01, 1998	to	Sept. 30, 2000
02458300	Village Creek at 24th Street at Birmingham	26.0	June 01, 1988	to	Sept. 30, 2000
02458450	Village Creek at Avenue W at Ensley	33.5	July 01, 1975	to	Sept. 30, 1979
			July 08, 1988	to	Sept. 30, 2000
02458202	Village Creek near Pratt City	36.7	Oct. 01, 1997	to	Sept. 30, 2000
02458600	Village Creek near Docena	52.2	June 21, 1996	to	Sept. 30, 2000
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
02461500	Valley Creek near Bessemer	52.5	May 14, 1975	to	Sept. 30, 1979
			May 01, 1988	to	Sept. 30, 2000
02461630	Halls Creek at Bessemer	7.3	Oct. 01, 1997	to	Sept. 30, 2000
02461640	Valley Creek below Bessemer	61.4	Oct. 01, 1997	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
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, 2000
02464146	Turkey Creek near Tuscaloosa	6.16	Feb. 01, 1981	to	Sept. 30, 1984
			Oct. 01, 1986	to	Sept. 30, 2000
02464360	Binion Creek below Gin Creek near Samantha	57.0	Oct. 01, 1986	to	Sept. 30, 2000
02464500	North River near Tuscaloosa	372	Dec. 01, 1951	to	Dec. 31, 1968
02465000	Black Warrior River at Northport	4,820	Jan. 01, 1895	to	Dec. 31, 1902
			Aug. 01, 1928	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
02467500	Sucarnoochee River at Livingston	607	Oct. 01, 1938	to	Sept. 30, 2000
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, 2000
02469800	Satilpa Creek near Coffeeville	164	Oct. 01, 1956	to	Sept. 30, 1970
			Oct. 01, 1974	to	Sept. 30, 2000
02470000	Tombigbee River near Leroy	18,965	Oct. 01, 1928	to	Sept. 30, 1960
02470072	Bassett Creek at US 43 near Thomasville	10.5	Oct. 01, 1995	to	Sept. 30, 2000
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, 2000
0247100550	Eightmile Creek at Mobile	23.2	Oct. 01, 1996	to	Sept. 30, 2000
02471065	Montlimar Creek at US 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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
03568000	Tennessee River at Chattanooga, TN	21,400	Apr. 01, 1874	to	Sept. 30, 2000
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 McVille	50.0	Oct. 01, 1998	to	Sept. 30, 2000
0357479650	Hester Creek near Plevna	33.0	Oct. 01, 1998	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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	1971-00
02339780	Chattahoochee River at Langdale	3,630	1983-92
02341500	Chattahoochee River at Columbus, GA	4,670	1971-00
0234296910	Chattahoochee River at Coast Guard Dock at Eufaula	6,730	1990-00
02361000	Choctawhatchee River near Newton	686	1972-00
02362000	Choctawhatchee River near Geneva	1,346	1972-97
02364000	Pea River at Elba	959	1972-00
02372422	Conecuh River below Point "A" Dam at River Falls	1,273	1999-00
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, 1999-00
02374700	Murder Creek at Brewton	435	1999-00
02374745	Burnt Corn Creek at State Highway 41 near Brewton	182	1999-00
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	1988-00
02400496	Coosa River at Gadsden Steamplant near Gadsden	5,800	1995-00
02400500	Coosa River at Gadsden	5,805	1972-00
02407000	Coosa River at Childersburg	8,392	1995-00
02407526	Coosa River at Gaston Steamplant near Wilsonville	8,588	1994-00
02411600	Coosa River at Wetumpka	10,148	1972-00
02414500	Tallapoosa River at Wadley	1,675	1972-00
02419500	Tallapoosa River at Milstead	3,770	1972-77, 1981-83, 1998-00
02419890	Tallapoosa River near Montgomery	4,646	1973-00
02419988	Alabama River at Montgomery	15,023	1972-00
02421351	Alabama River below Robert F. Henry Lock and Dam near Benton	16,233	1972-97
02423000	Alabama River at Selma	17,095	1972-00
02423390	Cahaba River at BWWB 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	1972-00
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	1972-00
02444500	Tombigbee River near Cochrane	5,940	1982-00
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	1998-00
02453500	Mulberry Fork at Cordova	1,916	1972-00
02462501	Black Warrior River below Bankhead Lock and Dam near Bessemer	3,981	1972-00
02462952	Black Warrior River below Holt Lock and Dam near Holt	4,219	1972-00
02464800	Lake Tuscaloosa near Tuscaloosa	416	1983-00
02465005	Black Warrior River below Oliver Lock and Dam at Tuscaloosa	4,821	1972-00
02466031	Black Warrior River below Selden Lock and Dam near Eutaw	5,810	2000
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	1972-00
02469525	Tombigbee River near Nanafalia	17,487	1990-00
02469762	Tombigbee River below Coffeeville Lock and Dam near Coffeeville	18,417	1972-00
02470500	Mobile River at Mount Vernon	42,867	1983-87
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	10.4	2000
0247101490	Threemile Creek at Stanton Road at Mobile	19.2	1999-00
02471016	Threemile Creek at U.S. Highway 43 near Prichard	28.1	2000
02480004	Hamilton Creek (Big Creek Lake Intake) near Semmes	105	1990-93
03575500	Tennessee River at Whitesburg	25,610	1998-00
03577150	Tennessee River at Decatur	26,900	1991-00
03589500	Tennessee River at Florence	30,810	1998-00
03590680	Tennessee River at Smithsonia	31,350	1999-00

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02455980 Turkey Creek at Sewage Plant near Pinson (base discharge, 1,500 ft^3/s)--Continued

11-28-94	*7.47 ft	*1,290 ft^3/s	07-22-97	7.21 ft	1,100 ft^3/s
03-08-95	7.26 ft	1,130 ft^3/s	01-07-98	*12.13 ft	*5,190 ft^3/s
10-03-95	10.51 ft	3,600 ft^3/s	04-08-98	9.21 ft	2,520 ft^3/s
10-05-95	9.60 ft	2,820 ft^3/s	04-18-98	8.01 ft	1,680 ft^3/s
11-07-95	7.94 ft	1,630 ft^3/s	07-03-98	8.23 ft	1,820 ft^3/s
01-26-96	11.12 ft	4,170 ft^3/s	08-08-98	7.93 ft	1,630 ft^3/s
03-06-96	*12.45 ft	*5,540 ft^3/s	08-14-98	7.78 ft	1,530 ft^3/s
03-07-96	10.48 ft	3,570 ft^3/s	08-15-98	7.65 ft	1,440 ft^3/s
05-28-96	7.40 ft	1,240 ft^3/s	01-23-99	*7.71 ft	*1,480 ft^3/s
08-01-96	7.11 ft	1,010 ft^3/s	06-28-99	7.51 ft	1,330 ft^3/s
06-14-97	*10.99 ft	*4,040 ft^3/s	03-11-00	*16.17 ft	*10,100 ft^3/s
06-22-97	9.17 ft	2,490 ft^3/s	03-19-00	8.60 ft	2,070 ft^3/s
07-09-97	7.98 ft	1,660 ft^3/s	04-03-00	11.43 ft	4,470 ft^3/s

02456500 Locust Fork near Sayre (base discharge, 17,000 ft^3/s)

03-11-00	25.61 ft	18,600 ft^3/s	04-04-00	*35.68 ft	*32,500 ft^3/s

02456980 Fivemile Creek at Lawson Road near Tarrant City (base discharge, 1,700 ft^3/s)

10-10-99	4.87 ft	1,720 ft^3/s	04-03-00	7.76 ft	3,370 ft^3/s
03-10-00	*10.08 ft	*7,220 ft^3/s	04-03-00	6.14 ft	2,420 ft^3/s
03-19-00	5.98 ft	2,330 ft^3/s			

02456998 Barton Branch near Tarrant City (base discharge, 600 ft^3/s)

10-10-99	3.96 ft	775 ft^3/s	04-02-00	4.83 ft	1,790 ft^3/s
03-10-00	*4.86 ft	*1,840 ft^3/s	04-03-00	3.99 ft	801 ft^3/s
03-19-00	3.98 ft	792 ft^3/s			

02457000 Fivemile Creek at Ketona (base discharge, 1,700 ft^3/s)

03-10-00	*17.28 ft	*8,350 ft^3/s	04-03-00	12.65 ft	3,970 ft^3/s
03-19-00	8.66 ft	2,370 ft^3/s	04-03-00	8.80 ft	2,430 ft^3/s

02457595 Fivemile Creek near Republic (base discharge, 2,500 ft^3/s)

03-11-00	*18.35 ft	*11,300 ft^3/s	04-03-00	13.95 ft	7,500 ft^3/s
03-19-00	9.78 ft	4,200 ft^3/s			

02457670 Fivemile Creek below Prudes Creek near Graysville (base discharge, 4,500 ft^3/s)

03-11-00	*16.45 ft	*10,700 ft^3/s	04-03-00	15.80 ft	9,590 ft^3/s

02458148 Village Creek at 86th Street North at Roebuck (base discharge, 650 ft^3/s)

10-10-99	8.10 ft	780 ft^3/s	03-19-00	7.73 ft	715 ft^3/s
03-10-00	*10.98 ft	1,430 ft^3/s	04-02-00	9.64 ft	1,070 ft^3/s

02458200 Village Creek at Apalachee Street at Birmingham (base discharge, 2,200 ft^3/s)

10-10-99	16.04 ft	3,280 ft^3/s	04-03-00	17.11 ft	3,830 ft^3/s
03-10-00	*18.78 ft	*4,950 ft^3/s	04-03-00	17.15 ft	3,860 ft^3/s
03-19-00	15.77 ft	3,160 ft^3/s			

02458300 Village Creek at 24th Street at Birmingham (base discharge, 3,000 ft^3/s)

10-10-99	10.89 ft	4,520 ft^3/s	04-03-00	12.13 ft	5,450 ft^3/s
03-10-00	*13.23 ft	*6,280 ft^3/s	04-03-00	12.17 ft	5,470 ft^3/s
03-19-00	10.83 ft	4,480 ft^3/s			

02458450 Village Creek at Avenue W at Ensley (base discharge, 3,500 ft^3/s)

10-10-99	11.18 ft	3,660 ft^3/s	03-19-00	11.34 ft	3,770 ft^3/s
03-11-00	*13.69 ft	*6,170 ft^3/s			

02458502 Village Creek near Pratt City (base discharge, 3,000 ft^3/s)

10-10-99	12.60 ft	3,040 ft^3/s	04-03-00	15.01 ft	4,100 ft^3/s
03-11-00	*17.67 ft	*5,640 ft^3/s	04-03-00	15.26 ft	4,220 ft^3/s
03-19-00	13.65 ft	3,440 ft^3/s			

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02458600 Village Creek near Docena (base discharge, 2,500 ft^3/s)

03-11-00	*e 11.80 ft	*e 6,000 ft^3/s	04-03-00	10.66 ft	4,940 ft^3/s
03-19-00	9.13 ft	3,700 ft^3/s	04-03-00	10.57 ft	4,860 ft^3/s

02461500 Valley Creek near Bessemer (base discharge, 4,000 ft^3/s)

03-11-00	*13.81 ft	*5,830 ft^3/s	04-03-00	12.82 ft	4,530 ft^3/s
03-19-00	12.80 ft	4,510 ft^3/s	04-03-00	13.60 ft	5,540 ft^3/s

02461630 Halls Creek at Bessemer (base discharge, 350 ft^3/s)

10-10-99	11.55 ft	636 ft^3/s	04-03-00	10.77 ft	535 ft^3/s
03-10-00	*12.21 ft	*737 ft^3/s	04-03-00	10.82 ft	541 ft^3/s
03-19-00	10.37 ft	490 ft^3/s			

02461640 Valley Creek below Bessemer (base discharge, 4,000 ft^3/s)

10-10-99	10.14 ft	4,400 ft^3/s	04-03-00	10.63 ft	4,850 ft^3/s
03-11-00	11.81 ft	6,040 ft^3/s	04-03-00	*11.82 ft	*6,060 ft^3/s
03-19-00	10.67 ft	4,890 ft^3/s			

02462000 Valley Creek near Oak Grove (base discharge, 5,000 ft^3/s)

03-11-00	*21.23 ft	*9,230 ft^3/s	04-04-00	20.29 ft	8,570 ft^3/s
03-20-00	18.41 ft	7,550 ft^3/s			

02462500 Black Warrior River at Bankhead Lock and Dam near Bessemer

04-02-00	*255.15 ft	03-11-00	(1) *135,000 ft^3/s

02462501 Black Warrior River below Bankhead Lock and Dam near Bessemer

04-03-00	*189.80 ft

02462951 Black Warrior River at Holt Lock and Dam near Holt

01-29-00	*187.40 ft	04-04-00	(1) *128,000 ft^3/s

02462952 Black Warrior River below Holt Lock and Dam near Holt

04-03-00	*148.25 ft

02464000 North River near Samantha (base discharge, 5,000 ft^3/s)

03-11-00	*22.35 ft	*12,900 ft^3/s	04-04-00	21.02 ft	11,900 ft^3/s
03-20-00	13.49 ft	6,650 ft^3/s			

02464146 Turkey Creek near Tuscaloosa (base discharge, 300 ft^3/s)

03-10-00	4.92 ft	371 ft^3/s	04-02-00	*10.28 ft	*2,500 ft^3/s
03-19-00	6.19 ft	725 ft^3/s			

02464360 Binion Creek below Gin Creek near Samantha (base discharge, 1,200 ft^3/s)

03-11-00	12.97 ft	3,640 ft^3/s	04-03-00	*13.15 ft	*4,010 ft^3/s
03-19-00	11.32 ft	1,400 ft^3/s			

02464800 Lake Tuscaloosa near Tuscaloosa

04-03-00	*228.05 ft

02465000 Black Warrior River at Northport

04-04-00	*142.49 ft	*186,000 ft^3/s

02465005 Black Warrior River below Oliver Lock and Dam, at Tuscaloosa

04-04-00	*140.60 ft

02465493 Elliotts Creek at Moundville (base discharge, 450 ft^3/s)

04-03-00	*6.37 ft	*524 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

02466030 Black Warrior River at Selden Lock and Dam near Eutaw

04-07-00	*104.30 ft	04-06-00	*108,000 ft^3/s

02466031 Black Warrior River below Selden Lock, near Eutaw

04-07-00	*103.50 ft	

02467000 Tombigbee River at Demopolis Lock and Dam, near Coatopa

04-09-00	*84.19 ft	*223,000 ft^3/s

02467001 Tombigbee River below Demopolis Lock and Dam, near Coatopa

04-09-00	*81.21 ft	

02467500 Sucarnoochee River at Livingston (base discharge, 5,000 ft^3/s)

04-07-00	*16.55 ft	*4,250 ft^3/s

02469525 Tombigbee River near Nanafalia

04-11-00	*60.78 ft	

02469761 Tombigbee River at Coffeeville Lock and Dam near Coffeeville

04-12-00	*42.76 ft	*172,000 ft^3/s

02469762 Tombigbee River below Coffeeville Lock and Dam near Coffeeville

04-12-00	*40.59 ft	

02469795 Harris Creek near Campbell

04-03-00	*3.39 ft	*84 ft^3/s

02469800 Satilpa Creek near Coffeeville (base discharge, 2,600 ft^3/s)

03-20-00	*12.73 ft	*1,980 ft^3/s

02470072 Bassett Creek at U.S. Highway 43 near Thomasville (base discharge, 500 ft^3/s)

04-04-00	*5.14 ft	*194 ft^3/s

02470630 Mobile River at Barry Power Plant, Bucks

04-14-00	*11.16 ft	e*279,000 ft^3/s

02471001 Chickasaw Creek near Kushla (base discharge, 1,500 ft^3/s)

03-19-00	*8.77 ft	*824 ft^3/s

0247100550 Eightmile Creek at Mobile (base discharge, 800 ft^3/s)

03-19-00	*4.58 ft	*332 ft^3/s

02471013 Threemile Creek at Zeigler Boulevard at Spring Hill (base discharge, 250 ft^3/s)

03-29-00	*71.44 ft	

0247101490 Threemile Creek at Stanton Road at Mobile (base discharge, 500ft^3/s)

03-29-00	*6.77 ft	

0247101490 Three Mile Creek at U.S. Highway 98 near Prichard

04-23-00	*2.49 ft	

02471078 Fowl River at Half Mile Road near Laurendine (base discharge, 500 ft^3/s)

03-19-00	*6.90 ft	*453 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

PASCAGOULA RIVER BASIN

02479560 Escatawpa River near Agricola, MS (base discharge, 5,000 ft^3/s)

10-11-99	*13.09 ft	*3,900 ft^3/s

02479945 Big Creek at County Road near Wilmer (base discharge, 600 ft^3/s)

10-09-99	*5.91 ft	*175 ft^3/s

02479980 Crooked Creek near Fairview (base discharge, 300 ft^3/s)

03-29-00	*4.60 ft	*285 ft^3/s

02480002 Hamilton Creek at Snow Road near Semmes (base discharge, 250 ft^3/s)

03-29-00	*4.62 ft	*276 ft^3/s

TENNESSEE RIVER BASIN

03573182 Scarham Creek near McVille (base discharge, 1,300 ft^3/s)

03-20-00	8.75 ft	1,560 ft^3/s	04-03-00	*11.79 ft	*3,640 ft^3/s

03574500 Paint Rock near Woodville (base discharge, 6,000 ft^3/s)

03-20-00	18.44 ft	11,400 ft^3/s	04-04-00	*19.73 ft	*17,500 ft^3/s

0357479650 Hester Creek near Plevena (base discharge,

04-03-00	*8.94 ft	*3,390 ft^3/s

03575100 Flint River at Brownsboro (base discharge,

04-04-00	*20.42 ft	*23,900 ft^3/s

0357526200 Big Cove Creek at Dug Hill Road near Huntsville (base discharge, 500 ft^3/s)

04-03-00	*10.88 ft	*1,310 ft^3/s

03575500 Tennessee River at Whitesburg

04-05-00	*18.17 ft	*193,000 ft^3/s

0357568650 Aldridge Creek at Toney Drive at Huntsville (base discharge, 115 ft^3/s)

11-01-99	3.81 ft	122 ft^3/s	04-03-00	*6.73 ft	*882 ft^3/s
01-10-00	4.57 ft	266 ft^3/s	07-20-00	4.58 ft	268 ft^3/s
04-02-00	5.46 ft	480 ft^3/s	09-24-00	4.07 ft	168 ft^3/s

0357568820 Martin Hollow near Huntsville

04-03-00	*14.59 ft	*195 ft^3/s

0357568980 Aldridge Creek at Sherwood Drive near Huntsville (base discharge, 300 ft^3/s)

11-01-99	5.67 ft	391 ft^3/s	04-02-00	7.12 ft	829 ft^3/s
01-10-00	6.11 ft	509 ft^3/s	04-03-00	*8.76 ft	*1,500 ft^3/s
03-19-00	5.99 ft	477 ft^3/s			

03575700 Aldridge Creek near Farley (base discharge, 1,200 ft^3/s)

04-02-00	7.30 ft	1,300 ft^3/s	04-03-00	*8.52 ft	*2,040 ft^3/s

03575830 Indian Creek near Madison (base discharge, 1,500 ft^3/s)

03-20-00	7.95 ft	2,240 ft^3/s	04-03-00	*9.93 ft	*5,890 ft^3/s

0357586650 Fagan Creek at Adams Street at Huntsville (base discharge, 500 ft^3/s)

03-19-00	3.09 ft	351 ft^3/s	04-03-00	*3.86 ft	*1,000 ft^3/s

0357587090 West Fork Pinhook Creek at Blue Springs Road at Huntsville (base discharge, 350 ft^3/s)

04-03-00	*4.95 ft	43 ft^3/s

TABLE 3.--PEAK DISCHARGES AND PEAKS ABOVE BASE FOR WATER YEAR, 2000--Continued

0357587140 East Fork Pinhook Creek at Winchester Road at Huntsville (base discharge, 125 ft^3/s)

03-19-00	7.26 ft	150 ft^3/s	04-03-00	*8.19 ft	*417 ft^3/s

0357587400 Pinhook Creek at Mastin Lake Road at Huntsville (base discharge, 500 ft^3/s)

04-03-00	*8.99 ft	*1,840 ft^3/s

0357587728 Dallas Branch at Huntsville (base discharge, 500 ft^3/s)

04-03-00	*4.10 ft	*803 ft^3/s	09-24-00-00	3.45 ft	618 ft^3/s
07-20-00	3.10 ft	525 ft^3/s			

03575890 Pinhook Creek at Huntsville (base discharge, 1,600 ft^3/s)

04-03-00	*10.10 ft	*3,790 ft^3/s

0357591500 Broglan Branch at Oakwood Avenue at Huntsville (base discharge, 300 ft^3/s)

11-01-99	8.77 ft	332 ft^3/s	07-20-00	8.73 ft	332 ft^3/s
01-03-00	8.96 ft	387 ft^3/s	09-12-00	8.67 ft	307 ft^3/s
02-13-00	8.74 ft	324 ft^3/s	09-24-00	9.53 ft	532 ft^3/s
04-03-00	*12.04ft	*1,090 ft^3/s			

03575933 Broglan Branch at Huntsville (base discharge, 1,500 ft^3/s)

04-03-00	*8.41 ft	*2,190 ft^3/s

03575950 Huntsville Spring Branch near Huntsville (base discharge, 2,500 ft^3/s)

11-01-99	11.50 ft	4,450 ft^3/s	04-03-00	*12.77 ft	*6,340 ft^3/s

03575980 McDonald Creek near Huntsville (base discharge, 1,500 ft^3/s)

04-03-00	*8.32 ft	*1,990 ft^3/s

03576250 Limestone Creek near Athens (base discharge, 3,200 ft^3/s)

03-20-00	8.11 ft	3,410 ft^3/s	04-03-00	*11.01 ft	*8,320 ft^3/s

03577150 Tennessee River at Decatur

04-06-00	*8.39 ft

03586500 Big Nance Creek at Courtland (base discharge, 3,800 ft^3/s)

04-04-00	*19.03 ft	*6,230 ft^3/s

03589500 Tennessee River at Florence

04-04-00	*21.46 ft	*245,000 ft^3/s

03590680 Tennessee River at Smithsonia

04-06-00	*16.05 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, 2000
02341500	Chattahoochee River at Columbus, GA	4,670	Aug. 23, 1929	to	Sept. 30, 2000
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, 2000
02342933	South Fork Cowikee Creek near Batesville	112	Oct. 01, 1963	to	Sept. 30, 1971
			Oct. 01, 1974	to	Sept. 30, 2000
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, 2000
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, 2000
02361500	Choctawhatchee River near Bellwood	1,240	Dec. 01, 1921	to	Oct. 31, 1925
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, 2000
02363000	Pea River near Ariton	498	Oct. 01, 1938	to	Sept. 30, 1970
			Oct. 01, 1987	to	Sept. 30, 2000
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 Hacoda	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, 2000
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, 2000
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, 2000
02372422	Conecuh River below Point "A" Dam at River Falls	1,273	June 17, 1999	to	Sept. 30, 2000
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, 2000
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, 2000
02374500	Murder Creek near Evergreen	176	Oct. 01, 1937	to	Sept. 30, 2000
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, 2000
02374745	Burnt Corn Creek at State Highway 41 near Brewton	182	Mar. 20, 1999	to	Sept. 30, 2000
02374950	Big Escambia Creek at Sardine Bridge near Stanley Crossroads	193	May 24, 2000	to	Sept. 30,2000
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, 2000
02376500	Perdido River at Barrineau Park, FL	394	June 01, 1941	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
02398195	Mills Creek near Chesterfield	9.53	Oct. 01, 1978	to	Sept. 30, 1985
02398037	Chattooga River at Chattoogaville, GA	281	Dec. 15, 1999	to	Sept. 30, 2000
02398300	Chattooga River above Gaylesville	366	Jan. 01, 1959	to	Sept. 30, 1967
			Oct. 01, 1984	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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, 2000
02411930	Tallapoosa River below Tallapoosa, GA	272	Dec. 13, 1999	to	Sept. 30, 2000
02412000	Tallapoosa River near Heflin	448	July 01, 1952	to	Sept. 30, 2000
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, 2000

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, 2000
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, 2000
02414525	High Pine Creek near Roanoke	21.3	Aug. 21, 1998	to	Sept. 30, 2000
02414715	Tallapoosa River near New Site	2,058	Nov. 15, 1985	to	Sept. 30, 2000
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, 2000
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	Sougahatchee Creek near Loachapoka	71.3	Nov. 09, 1999	to	Sept. 30, 2000
02418500	Tallapoosa River below Tallassee	3,328	Oct. 01, 1928	to	Sept. 30, 2000
02419000	Uphapee Creek near Tuskegee	333	Oct. 01, 1939	to	Sept. 30, 1970
			Oct. 01, 1974	to	Sept. 30, 2000
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, 2000
02419977	Three Mile Branch at North Boulevard at Montgomery	8.79	Oct. 01, 1998	to	Sept. 30, 2000
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, 2000
02421115	Pintlalla Creek at Liberty Church Road near Pintlalla	59.3	Oct. 01, 1998	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
02423397	Little Cahaba River below Leeds	17.0	June 16, 1995	to	Sept. 30, 2000
02423398	Little Cahaba River near Leeds	19.4	Oct. 01, 1980	to	Sept. 30, 1981
			May 01, 1988	to	Sept. 30, 2000
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, 2000
02423496	Cahaba River near Hoover	226	May 01, 1988	to	Sept. 30, 2000
02423500	Cahaba River near Acton	230	Oct. 01, 1938	to	Sept. 30, 1957
			Oct. 01, 1983	to	Sept. 30, 2000
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham	25.6	Oct. 01, 1998	to	Sept. 30, 2000
02423555	Cahaba River near Helena	335	Oct. 01, 1995	to	Sept. 30, 2000
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, 2000
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, 2000
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, 2000
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, 2000
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 PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record Biol	Chem	Sedi	Period of record
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	Pepperal 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	Choclafaula 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	X			1992-93
	Montgomery		X		1992-93
				X	1992-93
02419890	Tallapoosa River near Montgomery		X		1971-81
02419893	Tallapoosa River at US 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
			X		1999-00
				X	1999-00
0241998910	Tributary to Sevenmile Creek tributary at Gunter Park	X			1992-93
	at Montgomery		X		1992-93
				X	1992
0241998745	Pipe from Eastdale Mall parking to Eastdale Ditch	X			1992-93
	at Montgomery		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
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	Pintlalla Creek at Liberty Church Road near Pintlalla	X			2000
			X		1999-00
				X	1999-00
02421135	Pinchony Creek near Davenport		X		1968-69
02421175	Pintlalla 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 Biol	Chem	Sedi	Period of record
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
02423030	Valley Creek near Selma		X		1965
02423130	Cahaba River at Trussville	X			1990-91, 00
			X		1967-68, 79-80, 90-91, 00
				X	1979-80, 00
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 US 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 BWWB Pump Station near Cahaba Heights	X			1990-91
0242339580	Little Cahaba River near Makeeta	X			2000
			X		2000
				X	2000
02423397	Little Cahaba River below Leeds	X			2000
			X		2000
				X	2000
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
			X		2000
				X	2000
02423536	Buck Creek at Buck Creek Road at Alabaster	X			2000
			X		2000
				X	2000

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record Biol	Chem	Sedi	Period of record
0242354650	Cahaba Valley Creek at Indian Trail Road near Indian Springs	X			2000
			X		2000
				X	2000
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham	X			2000
			X		1999-00
				X	1999-00
02423555	Cahaba River near Helena		X		1965-68
0242357007	Tributary to Shades Creek at Elder Street near Irondale	X			1992
			X		1992
02423572	Shades Creek tributary at Mountain Dale Road at Mountain Brook	X			1992
			X		1992
				X	1992
02423576	Shades Creek at Lakeshore Drive near Mountain Brook	X			2000
			X		2000
				X	2000
02423580	Shades Creek near Homewood		X		1967-68, 79-80
				X	1979-80
02423581	Shades Creek at Samford University at Homewood	X			2000
			X		2000
				X	2000
02423590	Unnamed tributary to Shades Creek at Fedex near Oxmoor	X			2000
			X		2000
				X	2000
02423620	Little Shades Creek at State Highway 150 near Bessemer	X			2000
			X		1980, 00
				X	1980, 00
02423623	Tributary to Little Shades Creek near Bessemer		X		1967-68
02423625	Shades Creek at Hopewell		X		1967-68
02423630	Shades Creek near Greenwood		X		1967, 69-83
				X	1979-81
02423639	Mud Creek near Greely		X		1971
02423647	Cahaba River near West Blocton		X		1978-83
				X	1979-82
02423729	Dry Creek at Spring Creek Road near Montevallo	X			2000
			X		2000
				X	2000
0242372950	Spring Creek at County Road 16 near Moores Crossroads	X			2000
			X		2000
				X	2000
02423730	Shoal Creek at Montevallo		X		1967-68
02423785	Mahan Creek near Brierfield		X		1968
02423800	Little Cahaba River near Brierfield		X		1965-68
02423870	Copperas Creek near Six Mile		X		1968
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			1991-94,00
			X		1965-68, 71-83, 91-94, 99-00
				X	1991-93, 99-00
02424035	Haysop Creek at Brent		X		1968
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
0424930	Little Oakmulgee Creek near Summerfield		X		1968
02424940	Oakmulgee Creek near Augustin		X		1980-84
02425000	Cahaba River near Marion Junction	X			1978
			X		1965, 73, 77-83
				X	1999-00
02425200	Big Swamp Creek near Orrville		X		1972, 82-83
02425400	Cedar Creek near Monterey		X		1964
02425500	Cedar Creek at Minter		X		1965-68, 73, 77-83
02425530	Dry Cedar Creek at Fostoria		X		1965
02425595	Cedar Creek near Berlin		X		1965
02425655	Mush Creek near Selma		X		1965-66, 69
02425800	Alabama River near Pinebelt		X		1973-74
02425940	Bogue Chitto Creek near Vilula		X		1968
02426000	Bogue Chitto Creek near Browns		X		1965-68, 71
02427000	Bogue Chitto Creek near Orrville		X		1965
02427100	Chilatchee Creek near Alberta		X		1965, 67
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 Biol	Chem	Sedi	Period of record
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			1969, 71-95, 00
			X		1965-69, 71-96, 99-00
				X	1974-79, 82-00
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 US 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 Biol	Chem	Sedi	Period of record
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 Melborne		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	X			1983-85
	near Pickensville		X		1980-85
				X	1982
02444200	Big Creek near Pickensville		X		1967
02444210	Tombigbee River in Big Creek Bendway near	X			1989-90
	Pickensville		X		1989-90
02444490	Bogue Chitto Creek near Memphis		X		1999-00
				X	1999-00
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 Biol	Chem	Sedi	Period of record
02445500	Sipsey River at Fayette		X		1967-68, 79-80
				X	1979-80
02446500	Sipsey River near Elrod	X			1986, 89-90
			X		1965-68, 72, 80-82, 86, 89-90
				X	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	Fensche Creek near Cochrane		X		1965
02447025	Tombigbee River at Gainesville Lock & Dam near		X		1978
	Gainesville			X	1978
02447026	Tombigbee River below Gainesville Lock & Dam		X		1978
	near Gainesville			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	Broglan River near Cullman		X		1965-68
02449950	Broglan 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 Biol	Chem	Sedi	Period of record
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 Biol	Chem	Sedi	Period of record
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 Biol	Chem	Sedi	Period of record
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 I-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
			X		2000
				X	2000
02456980	Fivemile Creek at Lawson Road near Tarrant City	X			2000
			X		2000
				X	2000
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 Biol	Chem	Sedi	Period of record
02458150	Village Creek at East Lake in Birmingham	X			2000
			X		2000
				X	2000
				X	1980
02458180	Tributary to unnamed tributary near Georgia Road	X			1992
	at Birmingham		X		1992
				X	1992
02458203	Tributary to unnamed tributary at 10th Avenue and	X			1992
	L&N Railroad at Birmingham		X		1992
				X	1992
02458300	Village Creek at 24th Street at Birmingham	X			2000
			X		2000
02458375	Unnamed tributary to Village Creek at Dixie Hub Center	X			1992-93
	at Birmingham		X		1992-93
				X	1992-93
02458450	Village Creek at Avenue W at Ensley	X			2000
			X		1980,00
				X	1980
02458600	Village Creek near Docena	X			2000
			X		2000
02460500	Village Creek near Adamsville	X			1978
			X		1966-67, 72-73, 75, 77-83
				X	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			1992, 00
			X		1992, 00
				X	1992
02461122	Highway runoff into Valley Creek tributary at Birmingham	X			1993
			X		1993
				X	1993
02461200	Valley Creek at Cleburne Avenue near Powderly	X			2000
			X		2000
				X	2000
02461300	Valley Creek at U.S. Highway 11 at Birmingham	X			2000
			X		2000
02461450	Opossum Creek near Rutledge Springs		X		1975
02461670	Fivemile Creek at Nevel Road near McCalla	X			2000
			X		2000
				X	2000
02462000	Valley Creek near Oak Grove		X		1965-67, 72-83
				X	1979-81
02462025	Lost Creek near Pleasant Grove		X		1969
02462040	Rock Creek near Hopkins		X		1967, 78-81
				X	1978-80
02462050	Valley Creek at Toadvine Road near Oak Grove		X		1979-81
				X	1979-80
02462065	Mud Creek at Mud Creek		X		1980-81
				X	1980
02462070	Woods Creek near Bessemer		X		1980-81
				X	1980-81
02462080	Mud Creek near Oak Grove		X		1967-68, 78-81
				X	1978-81
02462255	Tributary to Walker County Shoal Creek near		X		1978-79
	Tutwiler School			X	1978-79
02462257	Tributary to Walker County Shoal Creek near		X		1978-79
	Tutwiler School			X	1978-79
02462470	Big Yellow Creek near Boley Springs		X		1980, 82
				X	1980
02462472	Big Yellow Creek near Sandtown		X		1982
02462480	Big Yellow Creek near Whitson		X		1967-68, 79-84
				X	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 Biol	Chem	Sedi	Period of record
0246248190	Trib to Little Yellow Creek Site B near Whitson		X		1983
0246248198	Trib to Little Yellow Creek Site A near Whitson		X		1983
02462482	Trib 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		1999-00
				X	1999-00
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 Biol	Chem	Sedi	Period of record
02462991	Tributary to Yellow Creek above Watermelon Road near Tuscaloosa	X			1977-81
			X		1977-81
				X	1977-81
02462992	Yellow Creek at Watermelon Road near Tuscaloosa		X		1977
				X	1977
02463090	Cypress Creek near Holt		X		1977, 79
				X	1977, 79
02463200	Hurricane Creek near Cedar Cove	X			1980-81
			X		1975, 78-82
				X	1978-81
02463500	Hurricane Creek near Holt		X		1965-68, 75, 78-80
				X	1978-80
02463510	Hurricane Creek near Peterson		X		1980-81
				X	1980-82
02463536	North River at Studdards Crossroads	X			1991
			X		1982, 91
02463540	North River near Philadelphia		X		1967-68, 82, 90-91
02463545	North River below Lowery Branch above Berry		X		1979
				X	1979
02463550	George Creek near Pea Ridge		X		1982
02463560	Beaver Creek near Hubbertville		X		1967-68, 82
02463580	Tributary to Cane Creek near Pea Ridge		X		1978-80, 82
				X	1978-80, 82
02463585	Cane Creek near Berry	X			1990-91
			X		1979-80, 82-84, 90-92
				X	1979-80, 82
02463587	North River near Bankston	X			1990-91
			X		1990-92
02463605	Ellis Creek near Cleveland		X		1978-79
				X	1978-79
02463610	Ellis Creek near Berry		X		1978
				X	1978
02463670	Clear Creek near Bankston		X		1967-68
02463700	North River near Berry	X			1990-91
			X		1967-68, 82, 90-92
02463780	Pine Branch near Berry		X		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
				X	1979-80
02463838	Boone Creek near New Lexington		X		1980
				X	1980
02463839	Tyro Creek near Berry		X		1982
02463840	Tyro Creek near Boley Springs		X		1977, 79-80, 82
				X	1977, 79-80
02463850	Tyro Creek near New Lexington		X		1968, 77, 79, 82-84
				X	1977, 79, 82
02463880	Tributary to Bear Creek near Samantha		X		1977, 79, 82-84
				X	1979, 82
02463890	Dry Branch near Samantha	X			1977-79
			X		1977-81
				X	1977-79, 81
02463900	Bear Creek near Samantha	X			1977-80
			X		1977-84
				X	1977-83
02464000	North River near Samantha	X			1975-76, 84-99
			X		1966-68, 71, 73-76, 79-99
				X	1975, 79-81, 83
02464015	Cripple Creek above Finley Branch near Samantha		X		1980
				X	1980
02464020	Johnson Branch near Utley		X		1977, 79, 82
				X	1977, 79, 82
02464025	Cripple Creek near Samantha	X			1992
			X		1977, 79-84, 92
				X	1977, 79-80, 82
02464032	Little Creek near Samantha		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 Biol	Chem	Sedi	Period of record
02464035	Cripple Creek east of Samantha	X			1977-81, 84-95
			X		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	X			1975, 84-86
	Northport		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, 99-00
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 Biol	Chem	Sedi	Period of record
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		X		1978
	near Sawyerville			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		X		1971-73, 75, 85, 89-90
	near Coatopa			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	Toomsuba 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 Coffeeville Lock & Dam near Coffeeville		X		1967, 69-70
02469762	Tombigbee River below Coffeeville Lock & Dam	X			1971-73, 75-96,00
	near Coffeeville		X		1970-96, 99-00
				X	1970-96, 99-00
02469765	Tombigbee River near Coffeeville		X		1966

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record Biol	Chem	Sedi	Period of record
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 Coffeeville	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 Chunchula		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 US 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 US Highway 90 near Prichard		X		1967, 79-80
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	X			2000
			X		2000
0247101445	Threemile Creek at Fillingim Street at Mobile	X			2000
			X		2000
0247101490	Threemile Creek at Stanton Road at Mobile	X			2000
			X		2000
0247101495	Unnamed Tributary to Threemile Creek at	X			2000
	Center Street at Mobile		X		2000
0247101550	Toulmins Spring Branch at Graham Avenue at Mobile	X			2000
			X		2000
02471016	Threemile Creek at U.S. Highway 43 near Prichard	X			2000
			X		2000
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 Biol	Chem	Sedi	Period of record
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			1993-96
			X		1967, 93-96
				X	1994
02471036	Whitehouse Creek near Bromley		X		1967
02471039	Blakeley River at U.S. Highway 90 Causeway near Mobile		X		1979-80
				X	1987
02471040	Apalachee River at U.S. Highway 90 Causeway near Mobile		X		1979-80
				X	1979, 87
02471045	Montlimar Creek at Airport Boulevard at Mobile		X		1965
02471065	Montlimar Creek at U.S. Highway 90 at Mobile		X		1965-67
02471067	Highway runoff into Moores Creek trib. at I-10 at Mobile	X			1993, 95
			X		1993, 95
				X	1993
02471075	Halls Mill Creek near Theodore		X		1967
02471078	Fowl River at Half-Mile Road near Laurendine		X		1967
				X	1995
02479418	Escatawpa River at Escatawpa		X		1967
02479425	Escatawpa River at Deer Park		X		1967
02479438	Beaver Pond Branch near Citronelle		X		1969-74
02479439	Beaver Pond Branch trib near Citronelle		X		1967-74
02479447	Beaver Pond Branch at mouth near Citronelle		X		1964, 67-74
02479450	Escatawpa River at County Road 96 near Citronelle		X		1965, 67
02479465	Puppy Creek at Citronelle		X		1970-74
02479466	Puppy Creek on Russell Road near Citronelle		X		1970-74
02479467	Tributary to Puppy Creek near Citronelle		X		1971-74
02479468	Puppy Creek at county bridge near Citronelle		X		1964, 66-74
02479500	Escatawpa River near Wilmer		X		1964-67, 69, 71-74
02479560	Escatawpa River near Agricola, MS	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			1999-00
			X		1999-00
02479945	Big Creek at County Road 63 near Wilmer	X			1991-00
			X		1991-00
				X	1992-95
0247994650	Juniper Creek at Jack Williams Road near Georgetown	X			1999-00
			X		1999-00
02479947	Juniper Creek at Coleman Dairy Road near Wilmer	X			1999-00
			X		1999-00
02479948	Juniper Creek at Glenwood Road near Fairview	X			1991-00
			X		1991-00
				X	1992-94
02479950	Collins Creek at Glenwood Road near Fairview	X			1991-00
			X		1969, 91-00
				X	1992-95
02479955	Long Branch near Wilmer	X			1991, 94-00
			X		1991, 94-00
				X	1994-95
02479957	Big Creek Lake at US 98 near Wilmer	X			2000
			X		1991-92, 00
				X	1991-92
02479958	Unnamed tributary to Big Creek Lake below	X			1992
	U.S. 98 near Fairview		X		1992
02479960	Boggy Branch at County Road 5 near Wilmer	X			1991, 94-00
			X		1991, 94-00
				X	1994-95
02479965	Big Creek Lake below Mill Branch near Wilmer	X			2000
			X		1991-92, 00
				X	1991-92
02479975	Crooked Creek at Wulff Road near Semmes	X			1999-00
			X		1999-00
02479980	Crooked Creek near Fairview	X			1991-00
			X		1991-00
				X	1992-95

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record Biol	Chem	Sedi	Period of record
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
			X		2000
0248000050	Unnamed tributary to Hamilton Creek at Firetower Road near Semmes	X			1999-00
			X		1999-00
02480001	Hamilton Creek below Semmes	X			1999-00
			X		1999-00
02480002	Hamilton Creek at Snow Road near Semmes	X			1991-00
			X		1991-00
				X	1992-95
02480003	Hamilton Creek at powerline near Semmes	X			2000
			X		2000
02480004	Hamilton Creek (Big Creek Lake Intake) near Semmes	X			1991-92, 96-00
			X		1991-92, 96-00
				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
			X		2000
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
03568790	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 Myrtletree Church		X		1965
03573000	Short Creek near Albertville		X		1966-68
03573180	Scarham Creek near Painter		X		1967
03573182	Scarham Creek near McVille	X			1999-00
			X		1999-00
				X	1999-00
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 Biol	Chem	Sedi	Period of record
03574750	West Fork Flint River near Hazel Green	X			1999
			X		1973, 99
				X	1999
03574755	Pigrum 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			1999-00
			X		1999-00
				X	1999-00
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 US 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			1999-00
			X		1973,99-00
				X	1999-00
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

0ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record Biol	Chem	Sedi	Period of record
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 US 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 Biol	Chem	Sedi	Period of record
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 Gipsey		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 Biol	Chem	Sedi	Period of record
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

Access to WATSTORE data 14
Acid neutralizing capacity, definition of 15
Acre-foot, definition 15
Acton, Cahaba River near 176
Adenosine triphosphate, definition of 15
Agricola, Miss., Escatawpa River near 360
Alabama River at Claiborne 208-213
at Claiborne Lock and Dam near Monroeville 206
at Montgomery 138
at Selma 146, 147
below Claiborne Lock and Dam near Monroeville 207
near Montgomery 404
Aldridge Creek at Sherwood Drive near Huntsville 408
at Toney Drive at Huntsville 407
near Farley 409
Alexander City, Sugar Creek near 421
Algae, definition of 15
Algal growth potential, definition of 15
Alkalinity, definition of 15
Alpine, Talladega Creek at 106
Analyses of samples collected at miscellaneous sites 489-502
Analyses of samples collected at water-quality partial-record stations 423-488
Annual 7-day minimum, definition of 16
Apalachicola River basin, gaging station records in 53-58
reservoirs in 59, 60
water-quality miscellaneous sites in 489
Aquifer, definition of 15
Ariton, Pea River near 65
Arkadelphia, Mulberry Fork near 230
Artesian, definition of 15
Artificial substrate, definition of 20
Ash mass, definition of 16
Ashville, Big Canoe Creek at 102
Athens, Limestone Creek near 394

Bacteria, definition of 15
Barrineau Park, Fla., Perdido River at 83
Barton Branch near Tarrant City 247
Bassett Creek at U.S. Highway 43 near Thomasville 328
Batesville, South Fork Cowikee Creek near 56
Bed load, definition of 19
Bed load discharge, definition of 19
Bed material, definition of 15
Benthic invertebrates, definition of 15
Berlin, Duck River near 227
Bessemer, Black Warrior River at Bankhead Lock and Dam near 294
Black Warrior River below Bankhead Lock and Dam near 295-300
Halls Creek at 291
Valley Creek below 292
Valley Creek near 290
Big Black Creek near Leeds 154, 155
Big Canoe Creek at Ashville 102
Big Cove Creek at Dug Hill Road near Huntsville 406
Big Creek (tributary to Escatawpa River) at County Road 63 near Wilmer 361-363
at Mason Ferry Road near Georgetown 434-436
Big Creek Lake at U.S. Highway 98 near Wilmer 454-456
below Mill Branch near Wilmer 460-463
cross-section near Semmes 468-471
Big Escambia Creek at Sardine Bridge near Stanley Crossroad 81
Big Nance Creek near Courtland 396
Big Wills Creek near Reece City 101

Page

Binion Creek below Gin Creek near Samantha 305
Biochemical oxygen demand, definition of 15
Biomass, definition of 15
Birmingham, Valley Creek at U.S. Highway 11 at 286-289
Village Creek at Apalachee Street at 269
Village Creek at 24th Street at 270
Black Warrior River at Bankhead Lock and Dam near Bessemer 294
at Holt Lock and Dam near Holt 301
at Oliver Lock and Dam at Northport 307-309
at Selden Lock and Dam near Eutaw 313
below Bankhead Lock and Dam near Bessemer 295-300
below Holt Lock and Dam near Holt 302
below Oliver Lock and Dam at Tuscaloosa 310
below Selden Lock and Dam near Eutaw. 314
Blackwater Creek near Manchester. 233
Blackwater River basin, gaging station records in 67
water-quality miscellaneous sites in 489
Blackwater River near Bradley 67
Blountsville, Blue Springs Creek near 228
Graves Creek below 236
Blue-green algae, definition of 19
Blue Pond, Little River near 96
Blue Springs Creek near Blountsville 228
Bluff Park, Patton Creek near 421
Bodka Creek near Geiger 226
Boggy Branch (tributary to Big Creek) near Wilmer . 422, 457-459
Bogue Chitto Creek (tributary to Alabama River) near Orrville 421
Bogue Chitto Creek (tributary to Tombigbee River) near Memphis 216-221
Bowdon, Ga., Little Tallapoosa River below 115
Bradley, Blackwater River near 67
Brantley, Conecuh River at. 27, 68
Patsaliga Creek near 69
Brewton, Burnt Corn Creek at State Highway 41 near 79, 80
Conecuh River at State Highway 41 near 74, 75
Murder Creek at 77, 78
Broglan Branch (tributary to Huntsville Spring Branch) at Huntsville 417
at Oakwood Avenue at Huntsville 416
Broglan Branch (tributary to Mulberry Fork) near Hanceville 422
Brownsboro, Flint River at 384-390
Buck Creek near Helena 421
Bucks, Mobile River at 420
Burnt Corn Creek at State Highway 41 near Brewton 79, 80
Buttahatchee River below Hamilton 214

Cahaba Heights, Cahaba River near 169
Cahaba River at Centreville 27, 193-200
at Trussville 148-153
near Acton. 176
near Cahaba Heights 169
near Helena 191
near Hoover. 170-175
near Marion Junction. 202-204
near Mountain Brook 156
near Suttle 201
Cahaba Valley Creek at Cross Creek Road at Pelham 177-190
Campbell, Harris Creek near 420
Catoma Creek near Montgomery 139
Cells/volume, definition of 16
Centreville, Cahaba River at 27, 193-200
Century, Fla., Escambia River near 82
Cfs-day, definition of 16

Page

Chattahoochee River at Coast Guard Dock at Eufaula 57
at Columbus, Ga. 54
at West Point, Ga. 53
near Columbia 58
Chattooga River above Gaylesville 89-94
at Chattoogaville, Ga. 88
Chattoogaville, Ga., Chattooga River at 88
Chemical oxygen demand, definition of 16
Chickasaw Creek near Kushla 329
Childersburg, Coosa River at 107
Coosa River near 421
Tallasseehatchee Creek near 422
Chlorophyll, definition of 16
Choccolocco Creek at Jackson Shoals near Lincoln 104
at Oxford 103
Choctawhatchee River basin, crest-stage partial-record stations in 420
gaging station records in 61-66
water-quality miscellaneous sites in 489
Choctawhatchee River near Newton 61-63
Claiborne, Alabama River at 208-213
Clear Creek at New Hope Church near Poplar Spring 232
Cleveland, Locust Fork near 237
Coatopa, Tombigbee River at Demopolis Lock and Dam near 315
Tombigbee River below Demopolis Lock and Dam near .. 316
Cochrane, Tombigbee River near 222
Coffeeville, Satilpa Creek near 327
Tombigbee River at Coffeeville Lock and Dam near 320
Tombigbee River below Coffeeville Lock and Dam near 321-326
Collector efficiency, definition of 16
Collins Creek at Glenwood Road near Fairview 422, 449-451
Color unit, definition of 16
Columbia, Chattahoochee River near 58
Columbus, Ga., Chattahoochee River at 54
Columbus, Miss., Tombigbee River above cut near 425
Tombigbee River in Bendway cut near 423
Tombigbee River in cut near 424
Tombigbee River in cut at Hairston Bend below 426
Conecuh River at Brantley 27, 68
at Point A Dam at River Falls 70-72
at State Highway 41 near Brewton 74, 75
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 107
at Gadsden 100
at Gadsden Steamplant near Gadsden 99
at Gaston Steamplant near Wilsonville 108
at Jordan Dam near Wetumpka 110, 111
at Leesburg 97
at Wetumpka 112
near Childersburg 421
Cordova, Mulberry Fork at 234
Courtland, Big Nance Creek at 396
Crest-stage partial-record stations 420
Choctawhatchee River basin 420
Mobile River basin 420
Tennessee River basin 420
Crooked Creek (tributary to Big Creek)
at mouth near Wilmer 467
at Wulff Road near Semmes 464-466
near Fairview 364-367

Page

Crooked Creek (tributary to Tallapoosa River) near Lineville . 421
Cubic foot per second, definition of 16
Cubic feet per second per square mile, definition of 16

Dadeville, Norrell Branch near 420
Dallas Branch at Huntsville 414
Decatur, Tennessee River at 395
Definition of terms 15-22
Diatoms, definition of 19
Discharge, definition of 16
Discharge at partial-record stations and miscellaneous sites 404-422
Discharge measurements made at miscellaneous sites .. 421, 422
Mobile River basin 421, 422
Pascagoula River basin 422
Dissolved, definition of 17
Dissolved-solids concentration, definition of 17
Docena, Village Creek near 279-284
Downstream order and station numbers 5
Drainage area, definition of 17
Drainage basin, definition of 17
Dry mass, definition of 16
Duck River near Berlin 227

East Fork Pinhook at Winchester Road at Huntsville 412
Eightmile Creek at Mobile 330
Elba, Pea River at 66
Elliotts Creek at Moundville 311, 312
Ellisville, Terrapin Creek at 98
Elrod, Sipsey River near 223
Elsanor, Styx River near 84
Ensley, Village Creek at Ave. W at 271-277
Enterococcus bacteria, definition of 15
Enterprise, Little Double Bridges Creek near 64
Escambia River basin, gaging-station records in 68-82
water-quality miscellaneous sites in 489, 490
Escambia River near Century, Fla 82
Escatawpa River near Agricola, Miss 360
Ethelsville, Kincaide Creek tributary near 420
Eufaula, Chattahoochee River at Coast Guard Dock at 57
Eutaw, Black Warrior River
at Selden Lock and Dam near 313
below Selden Lock and Dam near 314
Evergreen, Murder Creek near 76
Explanation of records 4-14
Extractable organic halides, definition of 17

Fagan Creek at Adams Street at Huntsville 410
Fairview, Collins Creek at Glenwood Road near 422, 449-451
Crooked Creek near 364-367
Juniper Creek at Glenwood Road near 422, 446-448
Farley, Aldridge Creek near 409
Fecal coliform bacteria, definition of 15
Fecal streptococcal bacteria, definition of 15
Fish River basin, gaging station records in 85-87
water-quality miscellaneous sites in 491
Fish River near Silver Hill 87
Fivemile Creek at Ketona 248
at Lawson Road near Tarrant City 246
below Prudes Creek near Graysville 255-260
near Republic 249-254

Page

Flint River at Brownsboro 384-390
Flood-hydrograph stations....404-419
Mobile River basin 404, 405
Tennessee River basin....406-419
Florence, Tennessee River at....397-399
Foley, Magnolia River at U.S. Highway 98 near....85, 86
Fort Payne, West Fork Little River at Desoto State Park near ...95
Fort Mitchell, Uchee Creek near....55
Fowl River at Halfmile Road near Laurendine....352

Gadsden, Coosa River at....100
at Gadsden Steamplant near....99
Gage height, definition of 17
Gaging stations, definition of.... 17
Gainesville, Tombigbee River at Heflin Lock
and Dam near....224
Garden City, Mulberry Fork near 229
Gaylesville, Chattooga River above 89-94
Geiger, Bodka Creek near 226
Noxubee River near 225
Georgetown, Big Creek at Mason Ferry Road near 434-436
Juniper Creek at Jack Williams Road near 440-442
Goodwater, unnamed tributary near 421
Graves Creek below Blountsville....236
Grayson, Sipsey Fork near....231
Graysville, Fivemile Creek below Prudes Creek near....255-260
Green algae, definition of 19
Greenwood, Shades Creek near 192
Ground-water records....619-657
Montgomery County
Mtg-3 ....28, 619
St. Clair County
D-3 620
Tuscaloosa County
TW-5 621
Ground-water records, explanation of 12, 13
Guntersville Lake 401

H. Neely Henry Reservoir 354
Hackneyville, Hillabee Creek near 122
Halls Creek at Bessemer 291
Hamilton, Buttahatchee River below....214
Hamilton Creek at J.B. Converse Lake intake
near Semmes....481-483
at Powerline near Semmes 478-480
at Snow Road near Semmes....368-371
below Semmes....475-477
Hamilton Creek cross-section at mouth near Semmes 485-488
Hamilton Creek in lake near Tanner Williams 484
Hanceville, Broglan Branch near....422
Hardness, definition of 17
Harris Creek near Campbell 420
Harris Reservoir. 357
Hatchet Creek below Rockford 109
Heflin, Tallapoosa River near. 114
Helena, Buck Creek near 421
Cahaba River near 191

Hester Creek near Plevna....377-383
High Pine Creek near Roanoke....119, 120
High tide, definition of 17
Hillabee Creek near Hackneyville 122

Page

Holt, Black Warrior River at Holt Lock and Dam near.... 301
Black Warrior River below Holt Lock and Dam near 302
Hoover, Cahaba River near....170-175
Huntsville, Aldridge Creek at Sherwood Drive near.... 408
Aldridge Creek at Toney Drive at.... 407
Big Cove Creek at Dug Hill Road at.... 406
Broglan Branch at 417
Huntsville (continued)
Broglan Branch at Oakwood Avenue at.... 416
Dallas Branch at 414
East Fork Pinhook Creek at Winchester Road at.... 412
Fagan Creek at Adams Street at 409
Huntsville Springs Branch near.... 418
Martin Hollow near 420
McDonald Creek near 419
Pinhook Creek at.... 414
Pinhook Creek at Mastin Lake Road at 413
West Fork Pinhook Creek at Blue Springs Road at.... 411
Huntsville Spring Branch near Huntsville.... 418
Hydrologic benchmark network, definition of 4
Hydrologic unit, definition of....17

Index 707-712
Indian Creek (tributary to Tennessee River)
near Madison 393
Instantaneous discharge, definition of.... 16
Introduction.... 1

Jackson, Tombigbee River near 427
Jackson Branch at Howard Morris Road near Wilmer.... 437-439
Johns, Valley Creek near 422
Jones, Mulberry Creek at.... 145
Jordan Lake. 356
Juniper Creek at Coleman Dairy Road near Wilmer.... 443-445
at Glenwood Road near Fairview.... 422, 446-448
at Jack Williams Road near Georgetown.... 440-442

Kelly Creek (tributary to Coosa River) near Vincent.... 105
Ketona, Fivemile Creek at.... 248
Kincaide Creek trib. near Ethelsville .... .420
Kushla, Chickasaw Creek near 329

Lake Martin.... 358
Lakes and reservoirs:
Guntersville Lake 401
H. Neely Henry Reservoir 354
Harris Reservoir 357
Jordan Lake.... 356
Lake Martin 358
Lay Lake.... 356
Lewis Smith Reservoir.... 359
Logan Martin Reservoir.... 355
Mitchell Lake.... 356
Walter F. George Lake 60
Weiss Lake.... 353
West Point Lake 59
Wheeler Lake.... 402
Wilson Lake 403
Lake Tuscaloosa near Tuscaloosa. 306
Land surface datum, definition of.... 17
Latitude-longitude system.... 5
Laurendine, Fowl River at Halfmile Road near 352

Page

Lay Lake. ... 356
Leeds, Big Black Creek near ... 154, 155
Little Cahaba River below ... 157-162
Little Cahaba River near ... 163-168
Leesburg, Coosa River at ... 97
Lewis Smith Reservoir. ... 359
Limestone Creek near Athens ... 394
Lincoln, Choccolocco Creek at Jackson Shoals near ... 104
Lineville, Crooked Creek near ... 421
List of active and discontinued continuous-record surface-water discharge stations ... 671-677
of active and discontinued continuous-record surface-water-quality stations ... 679, 680
of active and discontinued continuous-record surface-water stage stations ... 678
of active and discontinued partial-record and miscellaneous surface-water-quality stations .. 681-706
Little Cahaba River below Leeds ... 157-162
near Leeds ... 163-168
Little Canoe Creek near Springville ... 421
Little Double Bridges Creek near Enterprise ... 64
Little River (tributary to Coosa River) near Blue Pond ... 96
Little Tallapoosa River below Bowdon, Ga. ... 115
Little Tallapoosa River near Newell ... 116
Livingston, Sucarnoochee River at. ... 317
Loachapoka, Soughatchee Creek near ... 123
Locust Fork at Sayre. ... 245
near Cleveland ... 237
Logan Martin Reservoir ... 355
Long Branch near Wilmer ... 452, 453
Lost Creek above Parrish ... 235
Low tide, definition of ... 17
Luxapallila Creek at Millport ... 405

Madison, Indian Creek near. ... 393
Magnolia River at U.S. Highway 98 near Foley ... 85, 86
Manchester, Blackwater Creek near ... 233
Map showing location of surface-water stations
in Alabama River basin ... 37
in Apalachicola, Choctawhatchee, Yellow, and Blackwater River basins ... 33
in Black Warrior River basin ... 42
in Cahaba River basin ... 38
in Coosa River basin ... 35
in Escambia, Perdido, and Fish River basins ... 34
in Escatawpa River basin ... 45
in Locust Fork River basin ... 41
in Lower Tennessee River basin ... 48
in Lower Tombigbee River basin ... 43
in Middle Tennessee River basin ... 47
in Mobile River basin ... 44
in Mulberry Fork River basin ... 40
in Tallapoosa River basin ... 36
in Upper Tennessee River basin ... 46
in Upper Tombigbee River basin ... 39
of observation wells ... 49
of water-quality precipitation site ... 50
Marion Junction, Cahaba River near ... 202-204
Precipitation Station near ... 658
Martin Hollow near Huntsville ... 420
McDonald Creek near Huntsville ... 419
McKenzie, Sepulga River near ... 73
McVille, Scarham Creek near ... 372-375
Mean concentration, definition of ... 20
Mean discharge, definition of ... 16

Page

Mean high tide, definition of ... 17
Mean low tide, definition of ... 17
Mean water level, definition of ... 17
Measuring point, definition of ... 17
Membrane filter, definition of ... 17
Memphis, Bogue Chitto Creek near ... 216-221
Metamorphic stage, definition of ... 17
Methylene blue active substances, definition of ... 17
Micrograms per gram, definition of ... 17
Micrograms per liter, definition of. ... 17
MicroSiemens per centimeter, definition of ... 18
Milligrams per liter, definition of ... 18
Millport, Luxapallila Creek at ... 405
Milstead, Tallapoosa River at ... 127
Mitchell Lake ... 356
Mobile, Eightmile Creek at ... 330
Precipitation Station at ... 659
Threemile Creek at Fillingim Street at ... 428, 429
Threemile Creek at Stanton Road at ... 337-344
Toulmins Spring Branch at Graham Avenue at ... 432, 433
unnamed tributary to Threemile Creek at Center Street at ... 430, 431
Mobile River at Bucks ... 420
Mobile River basin, crest-stage partial-record stations in ... 420
discharge measurements at miscellaneous sites in .. 421, 422
flood-hydrograph partial-record stations in ... 404, 405
gaging station records in ... 88-352
reservoirs in. ... 353-359
water-quality miscellaneous sites in ... 491-501
water-quality partial-record stations in ... 423-433
Monroeville, Alabama River at Claiborne Lock and Dam near ... 206
Alabama River below Claiborne Lock and Dam near ... 207
Montgomery, Alabama River at ... 138
Alabama River near ... 404
Catoma Creek near ... 139
Tallapoosa River near. ... 128, 129
Three Mile Branch at North Boulevard at ... 130-137
Most probable number, definition of ... 18
Moundville, Elliotts Creek at ... 311, 312
Mountain Brook, Cahaba River near ... 156
Mulberry Creek at Jones ... 145
Mulberry Fork at Cordova ... 234
near Arkadelphia ... 230
near Garden City ... 229
Mulga, Village Creek near ... 422
Multiple plate samples, definition of ... 18
Murder Creek at Brewton ... 77, 78
near Evergreen ... 76

Nanafalia, Tombigbee River near. ... 318, 319
National Geodetic Vertical Datum, definition of ... 18
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 ... 20
New Site, Tallapoosa River near ... 121
Newell, Little Tallapoosa River near ... 116
Newton, Choctawhatchee River near ... 61-63
Norrell Branch near Dadeville ... 420
North River near Samantha ... 303
Northport, Black Warrior River at Oliver Lock & Dam at ... 307-309
Noxubee River near Geiger ... 225
Numbering system for wells and miscellaneous sites ... 5

Page

Oak Grove, Valley Creek near 293
Opelika, Sougahatchee Creek near 421
Organic mass, definition of 16
Organism, definition of 18
Organism count/area, definition of 18
Organism count/volume, definition of 18
Orrville, Bogue Chitto Creek near 421
Oxford, Choccolocco Creek at 103

Paint Rock River near Woodville. 376
Parameter code, definition of 18
Parkwood, Shades Creek at 421
Parrish, Lost Creek above 235
Partial-record station, definition of 18
Particle size, definition of 18
Particle-size classification 18
Pascagoula River basin, discharge measurements at
miscellaneous sites in 422
gaging-station records in 360-371
water-quality miscellaneous sites in 501
water-quality partial-record stations in. 434-488
Patsaliga Creek near Brantley 69
Patton Creek near Bluff Park 421
Pea River at Elba 66
near Ariton 65
tributary near Roeton 420
Pelham, Cahaba Valley Creek at Cross Creek Road at 177-190
Percent composition, definition of 18
Perdido River at Barrineau Park, Fla. 83
Perdido River basin, gaging-station records in 83, 84
water-quality miscellaneous sites in 491
Periphyton, definition of 18
Pesticides, definition of 18
Phytoplankton, definition of 19
Pickensville, Tombigbee River
at Bevill Lock and Dam near 215
Picocurie, definition of 18
Pine Barren Creek near Snow Hill 205
Pinhook Creek at Huntsville 415
at Mastin Lake Road at Huntsville 413
Pinson, Turkey Creek at Sewage Plant near 238-244
Pintlalla, Pintlalla Creek at Liberty Church Road near 140-144
Pintlalla Creek at Liberty Church Road near Pintlalla 140-144
tributary near Sellers 420
Plankton, definition of 18
Plevna, Hester Creek near 377-383
Polychlorinated bipenyls, definition of 19
Popular Spring, Clear Creek at New Hope Church near 232
Pratt City, Village Creek near 278
Precipitation quality records, explanation of 13, 14
Precipitation station at Mobile 659
Precipitation station near Marion Junction 658
Prichard, Threemile Creek at U.S. Highway 43 near 345-351
Primary productivity, definition of 19
Publications on Techniques of Water
Resources Investigations 23-26

Recoverable from bottom material, definition of 19
Reece City, Big Wills Creek near 101
Republic, Fivemile Creek near. 249-254
Reservoirs: See Lakes and reservoirs
Return period, definition of 19
River Falls, Conecuh River at Point A Dam at 70-72

Page

Roanoke, High Pine Creek near 119, 120
Rockford, Hatchet Creek below 109
Roebuck, Village Creek at 86th Street North at 261-268
Roeton, Pea River tributary near 420
Runoff in inches, definition of. 19

Samantha, Binion Creek below Gin Creek near 305
North River near 303
Satilpa Creek near Coffeeville 327
Sayre, Locust Fork at. 245
Scarham Creek near McVille 372-375
Sea level, definition of 19
Sediment, definition of 19
Sellers, Pintlalla Creek tributary near 419
Selma, Alabama River at 146, 147
Semmes, Crooked Creek at Wulff Road near 464-466
Big Creek Lake cross-section near 468-471
Hamilton Creek at J.B. Converse Lake intake near 481-483
Hamilton Creek at powerline near 478-480
Hamilton Creek at Snow Road near 368-371
Hamilton Creek below 475-477
Hamilton Creek cross-section at mouth near 485-488
Unnamed tributary to Hamilton Creek
at Firetower Road near 472-474
Sepulga River near McKenzie 73
Shades Creek at Parkwood 421
near Greenwood 192
Silver Hill, Fish River near. 87
Sipsey Fork near Grayson 231
Sipsey River near Elrod 223
Smithsonia, Tennessee River at 399
Snow Hill, Pine Barren Creek near 205
Sodium adsorption ratio, definition of 20
Solute, definition of 20
Soughatchee Creek near Loachapoka 123
near Opelika 421
South Fork Cowikee Creek near Batesville 56
Special networks and programs. 4
Specific conductance, definition of 20
Spring, definition of 20
Spring Hill, Threemile Creek at Zeigler Boulevard at 331-336
Springville, Little Canoe Creek near 421
Threemile Creek at Ziegler Boulevard at 331-336
Stage and water-discharge records, explanation of 5-10
Stage-discharge relation, definition of 20
Stanley Crossroads, Big Escambia Creek
at Sardine Bridge near 81
Streamflow, definition of 20
Styx River near Elsanor 84
Substrate, definition of 20
Sucarnoochee River at Livingston 317
Sugar Creek (tributary to Tallapoosa River)
near Alexander City 421
Summary of hydrologic conditions 2, 3
Surface area, definition of 20
Surficial bed material, definition of 20
Suspended, definition of 20
Suspended recoverable, definition of 21
Suspended sediment, definition of 19
Suspended-sediment concentration, definition of 20
Suspended-sediment discharge, definition of 20
Suspended-sediment load, definition of 20
Suspended total, definition of 21
Suttle, Cahaba River near 201
Synoptic studies, definition of 21

Page

Talladega Creek at Alpine 106
Tallapoosa. Ga., Tallapoosa River below 113
Tallapoosa River at Wadley. 117, 118
at Milstead 127
below Tallapoosa, Ga. 113
below Tallassee. 124, 125
near Heflin 114
near Montgomery. 128, 129
near New Site 121
Tallassee, Tallapoosa River below. 124, 125
Tallasseehatchee Creek near Childersburg 421
Tanner Williams, Hamilton Creek in lake near 484
Tarrant City, Barton Branch near 247
Fivemile Creek at Lawson Road near 246
Taxonomy, definition of 21
Tennessee River at Decatur 395
at Florence 397, 399
at Smithsonia 400
at Whitesburg 391, 392
Tennessee River basin, crest-stage partial record stations 420
flood-hydrograph partial-record stations in 406-409
gaging-station records in. 372-400
reservoirs in 401-403
water-quality miscellaneous sites in 502
Terms, definition of 15-22
Terrapin Creek at Ellisville. 98
Thermograph, definition of 21
Thomasville, Bassett Creek at U.S. Highway 43 near 328
Three Mile Branch at North Boulevard at Montgomery 130-137
Threemile Creek at Fillingim Street at Mobile 428, 429
at Stanton Road at Mobile 337-344
at U.S. Highway 43 near Prichard 345-351
at Zeigler Boulevard at Spring Hill 331-336
Time-weighted average, definition of 21
Tombigbee River above cut near Columbus, Miss. 425
at Bevill Lock and Dam near Pickensville 215
at Coffeeville Lock and Dam near Coffeeville 320
at Demopolis Lock and Dam near Coatopa. 315
at Heflin Lock and Dam near Gainesville 224
below Coffeeville Lock and Dam near Coffeeville 321-326
below Demopolis Lock and Dam near Coatopa 316
in bendway near Columbus, Miss 423
in cut at Hairston Bend below Columbus, Miss. 426
in cut near Columbus, Miss. 424
near Cochrane 222
near Jackson 427
near Nanafalia 318, 319
Tons per acre-foot, definition of 21
Tons per day, definition of 21
Total, definition of 21
Total coliform bacteria, definition of 15
Total discharge, definition of 21
Total organism count, definition of 18
Total recoverable, definition of. 21
Total-sediment discharge, definition of 20
Total-sediment load, definition of 20
Toulmins Spring Branch at Graham Avenue at Mobile ... 432, 433
Trussville, Cahaba River at. 148-153
Turkey Creek (tributary to Locust Fork)
at Sewage Plant near Pinson 264-269
Turkey Creek (tributary to North River)
near Tuscaloosa 304
Tuscaloosa, Black Warrior River below
Oliver Lock and Dam at 310
Lake Tuscaloosa near 306
Turkey Creek near 304
Tuskegee, Uphapee Creek near 126

Page

Uchee Creek near Fort Mitchell 55
Unnamed tributary near Goodwater 421
Unnamed tributary to Hamilton Creek at Firetower Road
near Semmes 472-474
Unnamed tributary to Threemile Creek at Center Street
at Mobile 430, 431
Uphapee Creek near Tuskegee 126

Valley Creek at U.S. Highway 11 at Birmingham 285-289
below Bessemer 292
near Bessemer 290
near Johns 422
near Oak Grove. 293
Village Creek at Apalachee Street at Birmingham 269
at Ave. W at Ensley 271-277
at 24th Street at Birmingham 270
at 86th Street North at Roebuck 261-268
near Docena 279-284
near Mulga 422
near Pratt City 278
Vincent, Kelly Creek near 105
Volatile organic compounds, definition of 22

Wadley, Tallapoosa River at. 117, 118
Walter F. George Lake 60
Water discharge and stage records, explanation of 5-10
Water-quality miscellaneous sites, analyses
of samples collected at 489-502
Water-quality partial-record stations,
analyses of samples collected at. 423-488
Water-quality records, explanation of 10, 11
Water year, definition of 22
WDR, definition of 22
Weighted average, definition of 22
Weiss Lake 353
West Fork Little River at Desoto State Park near Fort Payne 95
West Fork Pinhook Creek at Blue Springs Road at Huntsville 411
West Point, Ga., Chattahoochee River at 53
West Point Lake 59
Wet mass, definition of 16
Wetumpka, Coosa River at 112
Coosa River at Jordan Dam near 110, 111
Wheeler Lake 401
Whitesburg, Tennessee River at 391, 392
Wilmer, Big Creek at County Road 63 near 361-363
Big Creek Lake at U.S. Highway 98 near 454-456
Big Creek Lake below Mill Branch near 460-463
Boggy Branch near 422, 457-459
Crooked Creek at mouth near 467
Jackson Branch at Howard Morris Road near 437-439
Juniper Creek at Coleman Dairy Road near 443-445
Long Branch near 422, 452, 453
Wilson Lake 403
Wilsonville, Coosa River at Gaston Steamplant near 108
Woodville, Paint Rock River near 376
WSP, definition of 22

Zooplankton, definition of 19

USGS LIBRARAY - RESTON
3 1818 00354817 7

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
2350 Fairlane Dr., Suite 120
Montgomery, AL 36116

Printed on recycled paper