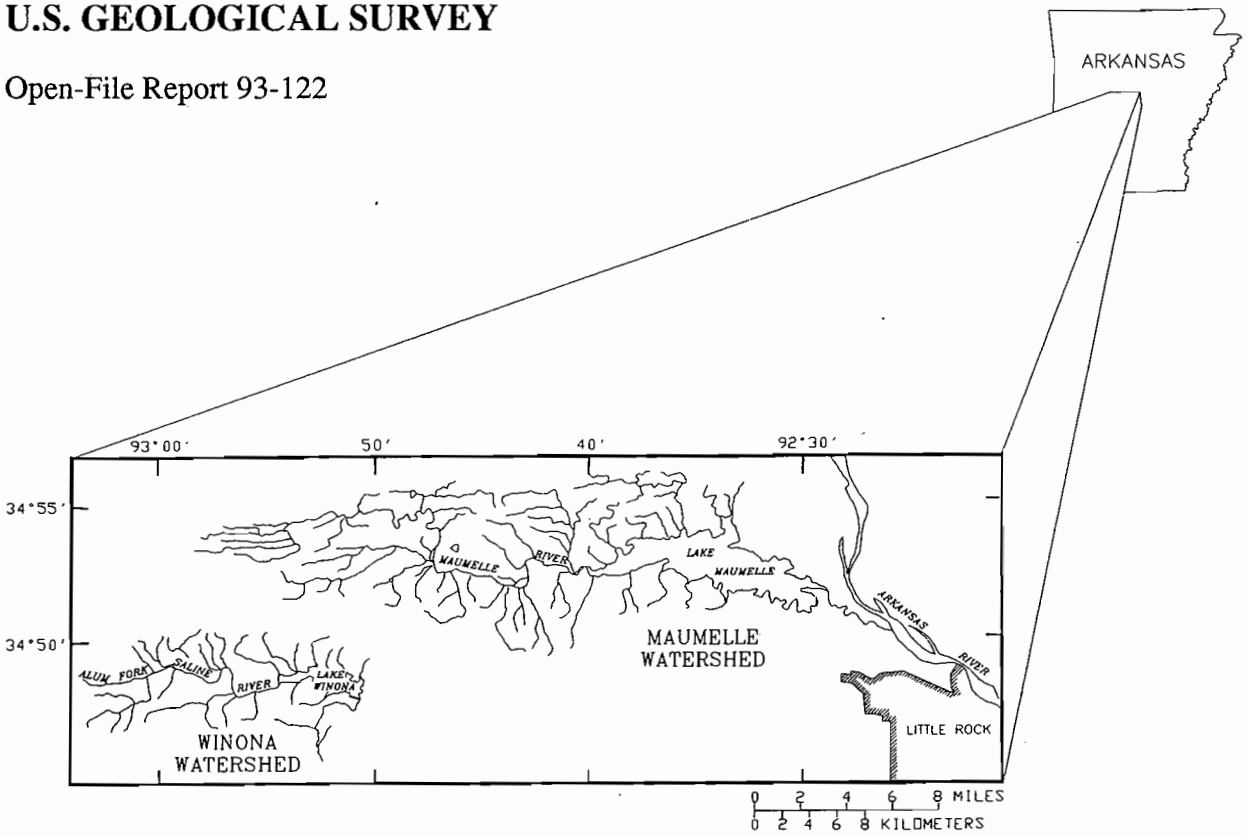
HYDROLOGIC DATA COLLECTED IN MAUMELLE AND WINONA RESERVOIR SYSTEMS, CENTRAL ARKANSAS, MAY 1989 THROUGH OCTOBER 1992

U.S. GEOLOGICAL SURVEY

Open-File Report 93-122



Prepared in cooperation with the

LITTLE ROCK MUNICIPAL WATER WORKS

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By W. Reed Green and Bobbie L. Louthian

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Little Rock, Arkansas
1993

U.S. DEPARTMENT OF THE INTERIOR
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U.S. GEOLOGICAL SURVEY
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CONTENTS

ILLUSTRATIONS

TABLES

TABLES (continued)

TABLES (continued)

TABLES (continued)

TABLES (continued)

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
inch	25.4	millimter
foot	0.3048	meter
mile	1.609	kilometer
acre	0.4047	square kilomater
square mile	2.590	square kilometer
gallon	3.785	liter
million gallons per day	0.04381	cubic meter per second
acre-foot	1,233	cuabic meter
cubic foot per second	0.02832	cubic meter per second
	28.32	liter per second
ton, short	0.9072	megagram

Degree Celsius (°C) may be converted to degree Fahrenheit (°F) by using the following equation:

$$°F = 9/5(°C) + 32$$

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

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ABSTRACT

Physical, chemical, and biological water-quality data were collected and compiled for sites located in the Lakes Maumelle and Winona reservoir systems from May 5, 1989, to October 30, 1992. Data were collected in order to establish a comprehensive water-quality data base for the two systems and will be used in water-quality interpretive and modeling studies. The reported data include water quantity (stream discharge and reservoir elevation); physico-chemical variables (temperature, pH, specific conductance, dissolved oxygen, light transparency, and penetration); nutrients (nitrogen, phosphorus, and organic carbon components); common constituents (turbidity, color, dissolved solids, and major cations and anions); trace metals; organics (pesticides and industrial organic chemicals); and biological components (bacteria and chlorophyll-a); and nutrients, trace metals, and organic contaminants in bed material. Reservoir sedimentation was measured by comparing fathometry measurements taken during the study to pre-impoundment topographic maps.

INTRODUCTION

Water-supply reservoirs are an important component of our cultural infrastructure. Maintaining the quality of the resource is paramount to management objectives. Regulations mandated by the U.S. Environmental Protection Agency (USEPA), as well as State and local mandates, require that the drinking-water resource meet certain water-quality criteria to be safe for human consumption. Water-supply managers need a reliable data base, which describes the quantity and quality of the water resource, to make sound judgements concerning the operation of the reservoir.

Reservoirs (impounded free-flowing streams) are disturbed ecosystems as a result of their existence, the artificial impoundment of the free-flowing stream. Physical disturbance drives ecological dynamics, and, as a result, reservoirs behave differently than natural lake ecosystems (Wetzel, 1990). Reservoirs function as watershed sinks, in that, all hydrologic related events that occur in the watershed are accumulated and amplified in the reservoir. Reservoirs, as with all dynamic ecosystems, age and are driven to reach equilibrium. Ultimate equilibrium in reservoirs would be to fill with sediment and return to the free-flowing state. As aging proceeds, the reservoir system changes from oligotrophy to mesotrophy, then to eutrophy, and eventually to hyper-eutrophy; oligotrophy being finest water-quality state, hyper-eutrophy being the poorest water-quality state. In the natural condition, that is, the existence of a reservoir in a watershed with no influence from cultural activities, equilibrium would not be reached for hundreds of years. However, cultural activities within the watershed can accelerate these processes from hundreds of years to a few decades (Kimmel, 1990, p. 28-39).

The reservoir systems studied in this project are commonly called Lakes Maumelle and Winona. Lakes Maumelle and Winona are artificial stream impoundments constructed to provide domestic and industrial water for the city of Little Rock and its subscribers in central Arkansas. Little Rock Municipal Water Works is the utility that owns and operates the two water-supply reservoirs. This study was conducted by the U.S. Geological Survey (USGS) in cooperation with the Little Rock Municipal Water Works (LRMWW).

Purpose and Scope

The purpose of this report is to document the water-quality data collected in Maumelle and Winona reservoir systems from May 1989 through October 1992 in order to establish a comprehensive data base. The reported data include water quantity, physicochemical variables, nutrients, common constituents, trace metals, organic contaminants, biological components, and nutrients, trace metals, and organics in bed material. Interpretation of the data reported is not provided in this report.

Description of Study Area

Lakes Maumelle and Winona are located in central Arkansas, west of the city of Little Rock (fig. 1). Construction of Lake Winona and Lake Maumelle was completed in 1938 and 1956, respectively.

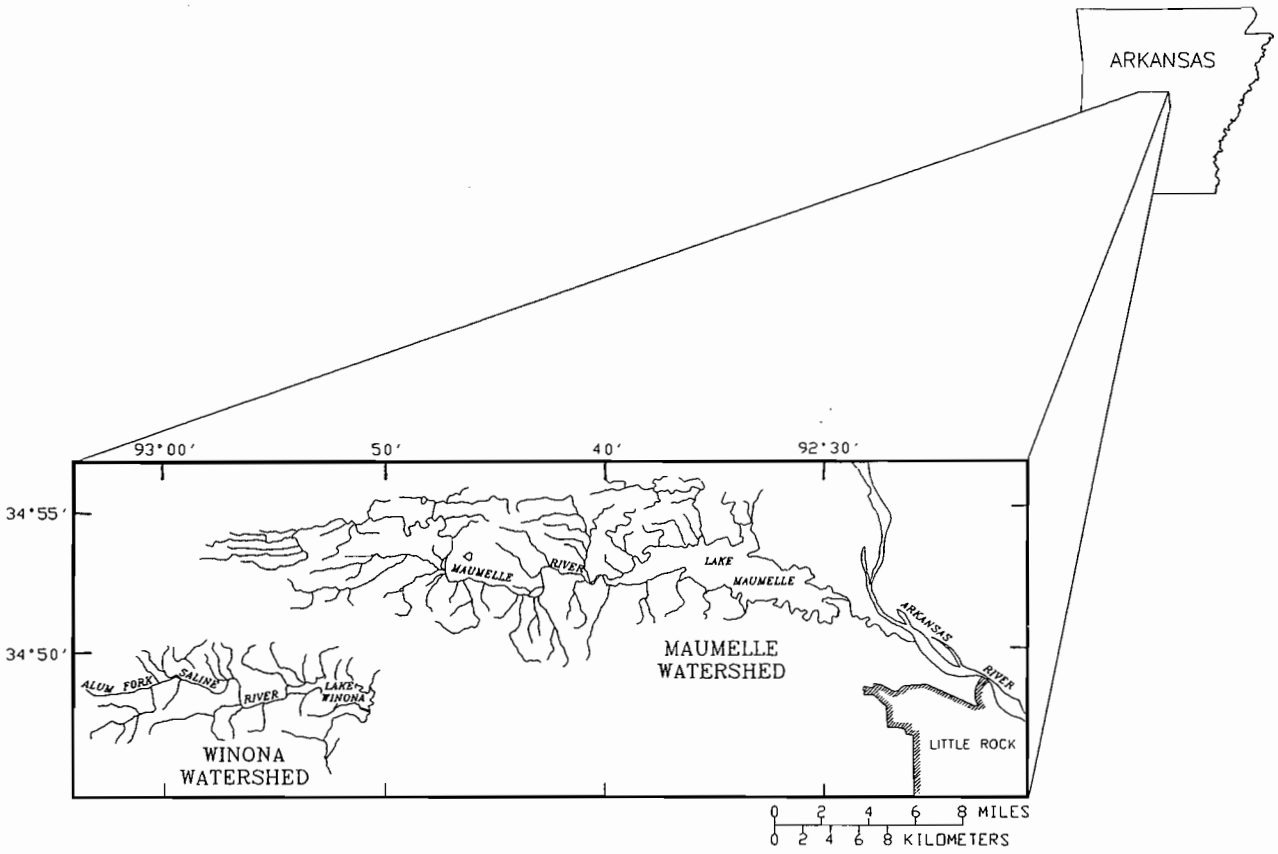

Figure 1.--Location of study area.

Lake Maumelle

The watershed of Lake Maumelle has an area of 137 square miles and is part of the Arkansas River drainage basin. The major tributary of the reservoir is the Maumelle River. The basin area to reservoir area ratio of Lake Maumelle is 9.86 and the watershed slope percentage is 1.32. The normal annual rainfall within the watershed is about 54 inches (Freiwald, 1985) and 62 percent of the drainage enters the reservoir through the Maumelle River.

The general land use classification for the Maumelle watershed is "forest and woodland grazed" (U.S. Geological Survey, 1970, p. 159). The upper one- third of the watershed primarily is forest land owned and managed by the Ouachita National Forest. The forest land is classified by the U.S. Forest Service, U.S. Department of Agriculture (USDA) as moderate to low productive land with a full range of site conditions that have been determined to be suitable for timber production (U.S. Department of Agriculture, 1989). The general soil type, defined by the USDA soil surveys of Pulaski and Perry Counties (Haley and others, 1975; Townsend and Williams, 1982), is Carnasaw-Pirum Clebit: well drained gently sloping to very steep, deep, moderately deep, and shallow, loamy, gravelly and stony soils; on uplands. The remainder of the watershed primarily is forest with some agriculture existing in the lowland area of the Maumelle River above the lake. Turf (sod) farming is the most common agricultural practice in the flood plain of the basin.

Lake Maumelle contains 219,440 acre-feet (72 billion gallons) of water at spillway elevation (290 feet above sea level) and has 187,340 acre-feet (61 billion gallons) of usable water. The safe water-usable yield is 90 million gallons per day. The surface area of Lake Maumelle at spillway elevation is 13.9 square miles or 8,900 acres. The maximum length of the reservoir is 12 miles, with a maximum depth of 45 feet, and an average depth of 24.7 feet. Other characteristics of Lake Maumelle and its watershed can be found in table 1.

Lake Winona

The watershed of Lake Winona has an area of 44.4 square miles and is part of the Red River drainage basin. The major tributary contributing to the reservoir is the Alum Fork of the Saline River. The basin area to reservoir area ratio of Lake Winona is 23.4 and the watershed slope percentage is 3.9. The normal annual rainfall within the watershed is about 52 inches (Freiwald, 1985) and 65 percent of the drainage enters the reservoir through the Alum Fork.

The land-use classification of the Winona watershed, like the Maumelle watershed, is forest and woodland grazed (U.S. Geological Survey, 1970, p. 159). The entire watershed exists within the boundaries of the Ouachita National Forest, some of the land is owned by timber companies. The forest land within the watershed is classified by the U.S. Forest Service as moderate to low productive land with full range of site conditions that have been determined to be suitable for timber production (U.S. Department of Agriculture, 1989). The area immediately surrounding the lake is protected from timber harvest. The general soil type is that of the Carnasaw-Pirum-Clebit described above for the Maumelle watershed.

Lake Winona contains 43,000 acre-feet (14 billion gallons) of water at spillway elevation (740 feet above sea level) and has 38,000 acre-feet (12.5 billion gallons) of usable water. The safe water-usage yield is 25 million gallons per day. Lake Winona has a surface area at spillway elevation of 1.9 square miles or 1,240 acres, with a maximum depth of 100 feet and an average depth of 34.7 feet. Other characteristics of the Winona watershed and reservoir can be found in table 1.

METHODS AND APPROACH

Measuring Discharge and Reservoir Elevation

Continuous reservoir elevation and tributary discharge gaging stations were established within each reservoir system. These stations are designated as M1 and M11 for Lake Maumelle, and W1 and W5 for Lake Winona, respectively (figs. 2-3). The drainage basin above the discharge station on the Maumelle River accounts for 37 percent of the Lake Maumelle watershed, and the drainage basin above the discharge station on the Alum Fork accounts for 61 percent of the Lake Winona watershed. Rating curves were established for each station based on instantaneous discharge measurements (Buchanan and Somers, 1965; Carter and Davidian, 1965; Kennedy, 1983) and continue to be updated. High flow on the Alum Fork of the Saline River was computed using indirect methods because conditions would not allow direct instantaneous measurements. The reservoir elevation stations gage surface elevation and account for capacity based on established elevation-capacity curves provided by LRMWW. Theoretical rating curves for discharge flowing over the respective spillways were established and verified with periodic instantaneous discharge measurements within the streams immediately below.

Measuring Water Quality

Fixed sample stations were established along the downstream gradient in both reservoir systems for the collection of water-quality and bed-material data (figs. 2-3, table 2). Sample stations in the reservoir were located along the original stream channel, the deepest location within the cross section.

Sample Collection

Water-quality samples were collected in the streams (M11, M10, and W5) following equal transit-rate methods using depth integrated samplers described by Guy and Norman (1970). Bed-material grab samples were collected in the streams using a 2-millimeter, stainless-steel sieve. Physicochemical (temperature, pH, dissolved oxygen, and specific conductance) measurements were conducted using a four-parameter data sonde unit.

Water-quality samples were collected in the reservoirs (M2 to M9, W2 to W4) using one method early in the study (water years 1989-90) and changing to a different sampling method during water years 1991-92. Initially (1989-90), chemical constituents were sampled at specific depth horizons within the water column using a water-quality sampling bottle. This method was used in Lake Winona throughout the study. The sampling method used in Lake Maumelle for the remainder of the study (1991-92) consisted of depth integrated composites collected within the water column over a certain range. For chemical constituents, two composites were collected at each station; one within the surface layer (epilimnion), and one in the bottom layer (hypolimnion). Composites were collected using an open top bailer, 3 feet in length. The bailer was lowered and retrieved at 3-foot intervals within the water column, and the contents were placed in a container (churn splitter), and mixed thoroughly prior to dispensing. When the bottom layer was absent at station M8, only the surface layer was sampled. Only the surface layer was sampled at M9. Depth integrated composites were used for chlorophyll samples in both Lakes Maumelle and Winona for water years 1991-92. Prior to that, chlorophyll samples were collected at fixed points using the sampling bottle. Chemical constituents at M6 were collected by grab samples.

Physicochemical profile data were measured in the reservoirs using a four-channel data sonde. Measurements were made at various depths within the water column. When thermal stratification was present, measurements were taken at depth intervals where the change in temperature was no greater than 1 degree or at 1-foot intervals, whichever was greater.

Bed-material grab samples were collected in the reservoirs using a stainless-steel, hand-held dredge. The dredge contents were then thoroughly mixed in a stainless-steel bowl before dispensing.

Sample Analysis

All physical, chemical, and biological analyses were conducted by methods established and accepted by the USGS. Chemical variables (nutrients, common constituents, trace metals, and organics in water, and nutrients, trace metals, and organics in bed material) were analyzed by the USGS Central Laboratory in Arvada, Colorado, following methods described by Fishman and Friedman (1989), Wershaw and others (1987), and Britton and Greeson (1987). The analytes, Storage and Retrieval (STORET) codes, methods used, reporting units, and minimum reporting values are presented in table 3. Temperature, dissolved oxygen, pH, specific conductance, Secchi transparency, and euphotic zone measurements were conducted onsite in the field. The euphotic zone defined here is the depth at which photosynthetically active radiation dissipates to 1 percent of the radiation at the lake's surface. The four- channel data-sonde unit that measured temperature, dissolved oxygen, pH, and specific conductance was calibrated daily before sampling. The light meter was factory calibrated. Alkalinity was determined in the laboratory at the USGS District office. Bacterial analyses also were conducted at the District laboratory. Suspended sediment analysis was conducted at the District laboratory following methods described by Guy (1969). All water samples were processed (filtered, acidified, and fixed) in the field or immediately on return to the District laboratory. Water samples that required chilling were immediately placed on ice at the time of collection.

Measuring Reservoir Sedimentation

Sedimentation rates at cross-section transects along the downstream gradient can be determined by measuring the differences between calculated cross-sectional areas using pre-impoundment topographic maps and bottom transect fathometry tracings. Bottom fathometry tracings were conducted along transects for both Lake Maumelle and

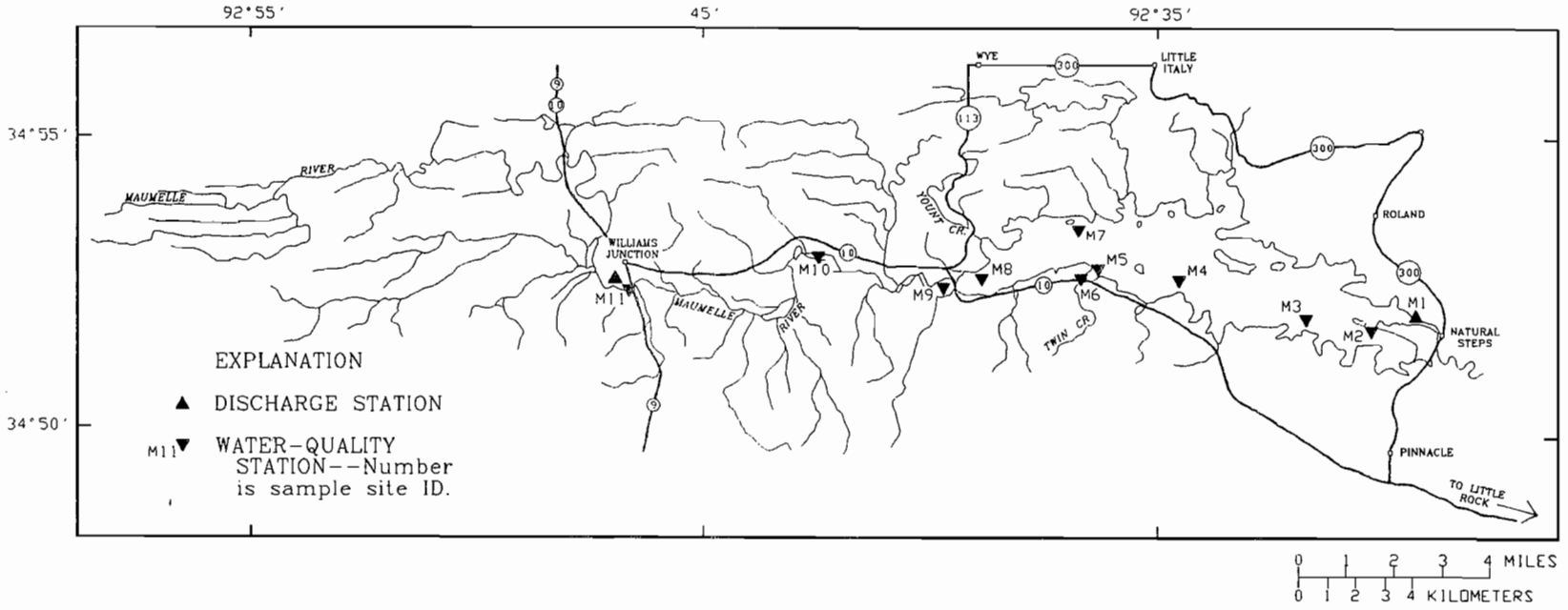

Figure 2.--Maumelle reservoir system and location of data collection stations.

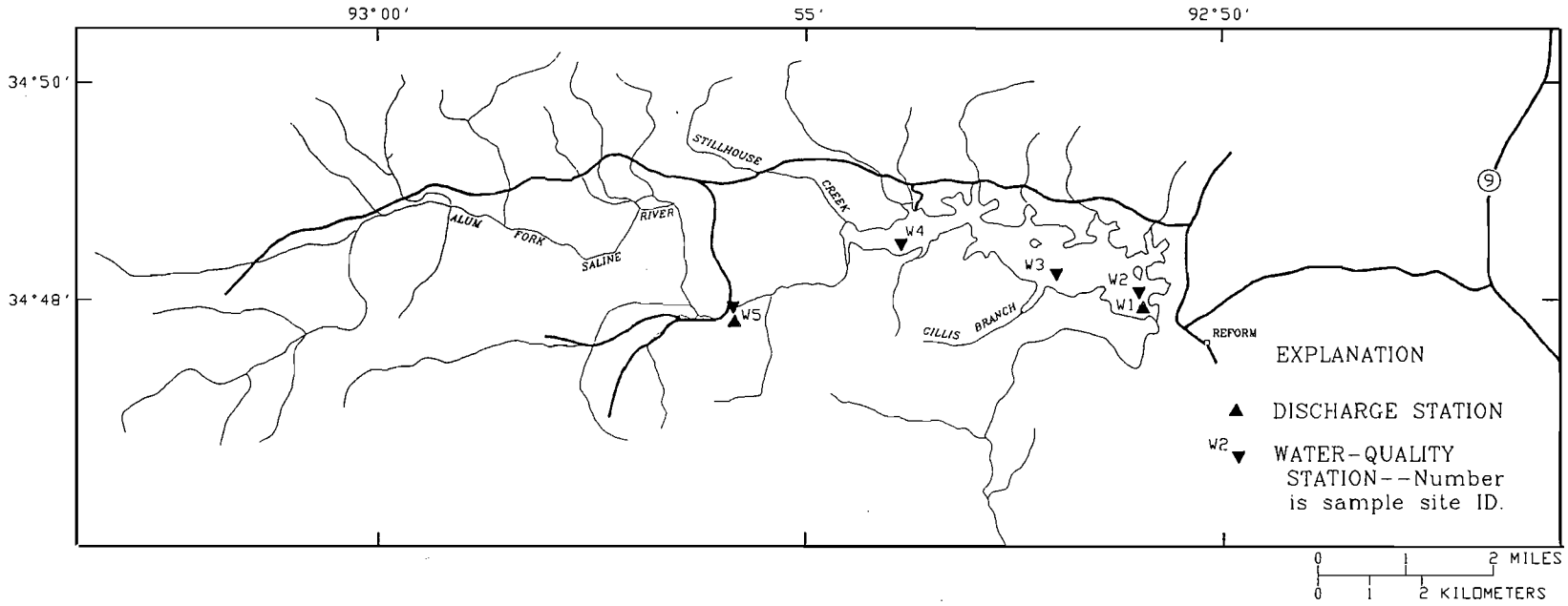

Figure 3.--Winona reservoir system and location of data collection stations.

Winona (table 4; figs. 4-5). Three tracings per transect were conducted using a chart-recording-depth fathometer while motoring across the lakes at constant speed. The fathometer was calibrated onsite using a tag line and current reservoir elevation measurements. The distance of each transect and the original depth profiles were determined using pre-impoundment topographic maps provided by LRMWW. Because of differences in scale between the pre-impoundment topographic maps and the bottom transect fathometry tracings, differences in cross-sectional area were difficult to determine and therefore not reported. Future transect fathometry tracings and comparison with those presented in this report may provide better data for understanding sedimentation rates in these reservoirs.

DATA PRESENTATION

The data collected are presented in tabular form as follows:

(1) daily mean discharge and daily mean elevation for the four gaging stations (tables 5-8),

(2) suspended sediment at inflow stations (tables 9-11),

(3) water column transparency at reservoir stations (tables 12-21),

(4) physicochemical values at inflow stations and at reservoir stations (tables 22-35),

(5) nutrient concentrations in water (tables 36-47),

(6) common constituent concentrations in water (tables 48-58),

(7) trace metal concentrations in water (tables 59-69),

(8) organic concentrations in water (tables 70-79),

(9) biological components in water (tables 80-89),

(10) nutrients in bed material (tables 90-99),

(11) trace metal concentrations in bed material (tables 100-109), and

(12) organic concentrations in bed material (tables 110-119).

Results from reservoir transect depth determinations are presented in figures 6-7.

Nutrient, common constituent, and trace metal data in water collected from Lake Maumelle are separated into those samples, both the point and composite, collected in water near the surface (surface water) and near the bottom (bottom water). This form of presentation was chosen because the water column in Lake Maumelle exhibits seasonal thermal stratification, physically isolating the surface water (epilimnion) from the bottom water (hypolimnion). Anoxia develops in the hypolimnion of Lake Maumelle (clinograde oxygen profile) producing different chemical environments with depth. The differences in chemistry with depth are equal or greater (especially during the summer months) than the differences in the horizontal direction and therefore should be distinguished as separate sample locations.

The sample data are presented based on the date and time of collection, and data sampled from Lake Maumelle (nutrients, common constituents, trace metals, and biological components) are separated into vertical location (surface and bottom water). The data for nutrients, common constituents, trace metals, and biological components are summarized below each variable column. Summary statistics include the number of samples collected, the maximum and minimum levels, and the 25th, 50th, and 75th percentiles. Percentiles were determined using the empirical distribution function described by Inman and Conover (1983, p. 112-113). The percentiles are defined as the observed values that have a proportion of the sample observations less than or equal to the observed value. For example, a value of the 50th percentile is the sample value where 50 percent of the observations are greater than or equal to, or less than or equal to the observed value. The value at the 25th percentile represents the sample value where 25 percent of the observed values are less than or equal to and 75 percent of the observed values are greater than or equal to the reported value. These empirical (observed) percentiles do not represent population statistics. Thus, the 50th percentile value does not necessarily represent the median value of the sample population.

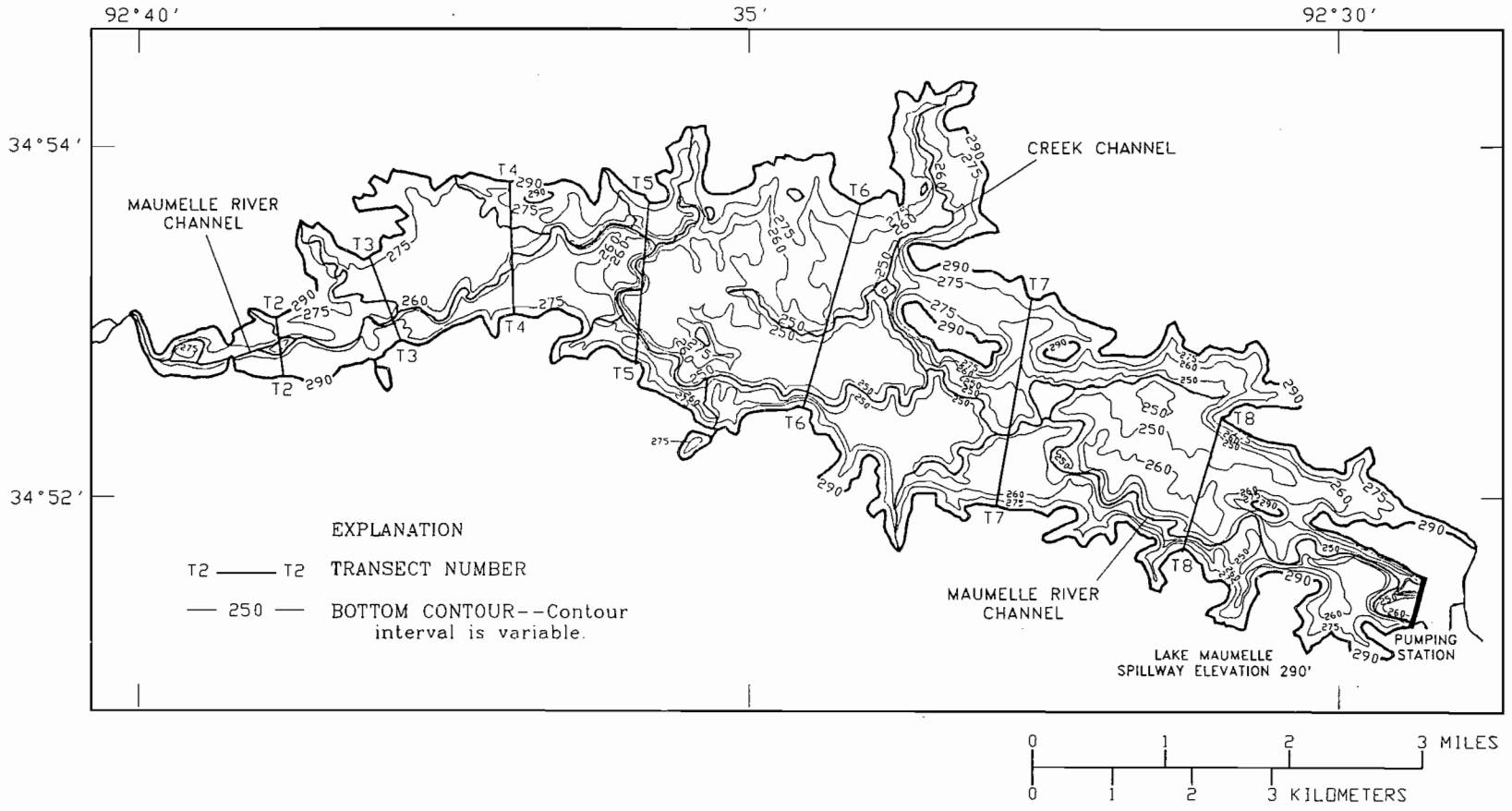

Figure 4.--Lake Maumelle bathymetry and location of bottom fathometry transects.

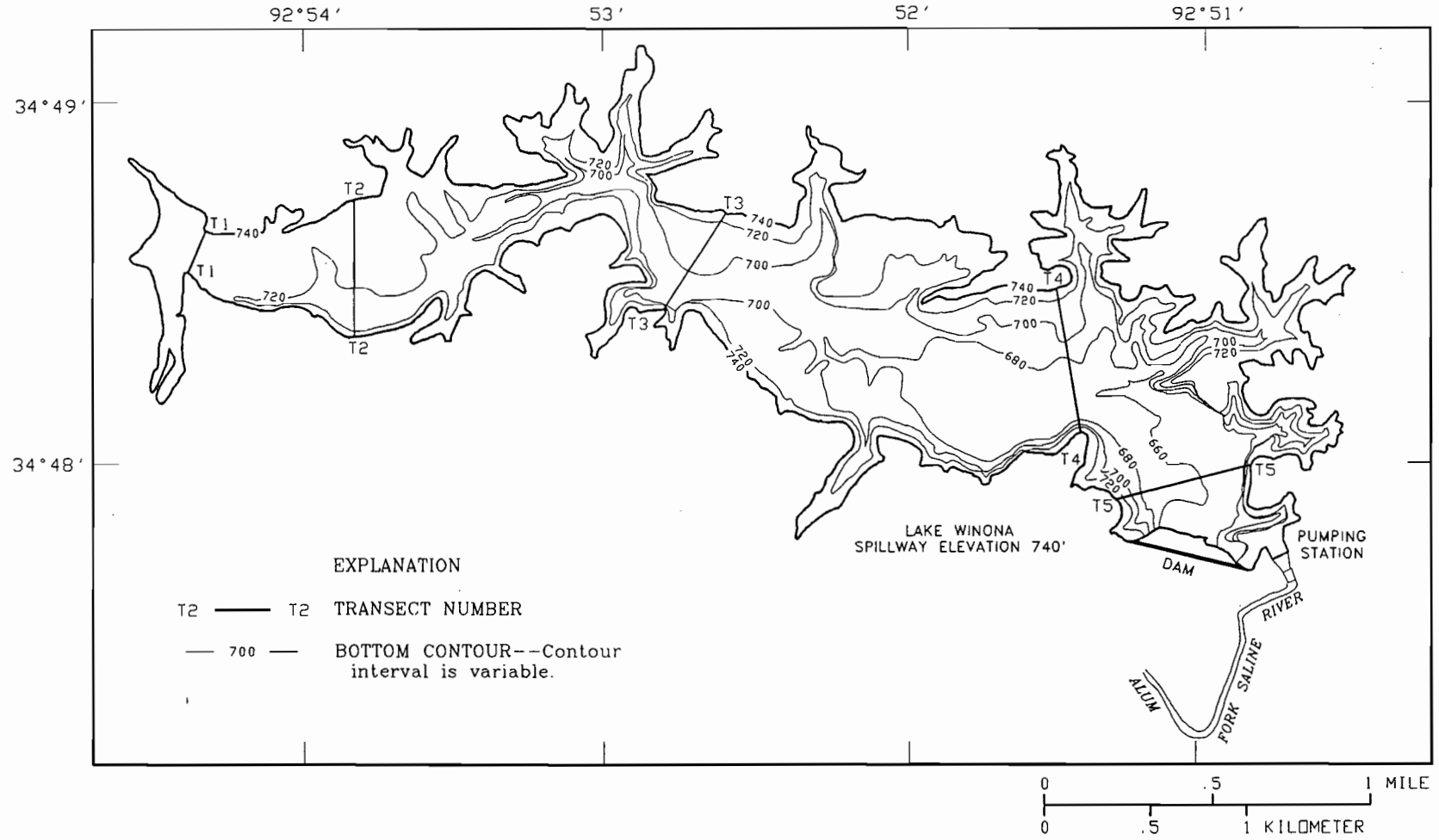

Figure 5.--Lake Winona bathymetry and location of bottom fathometry transects.

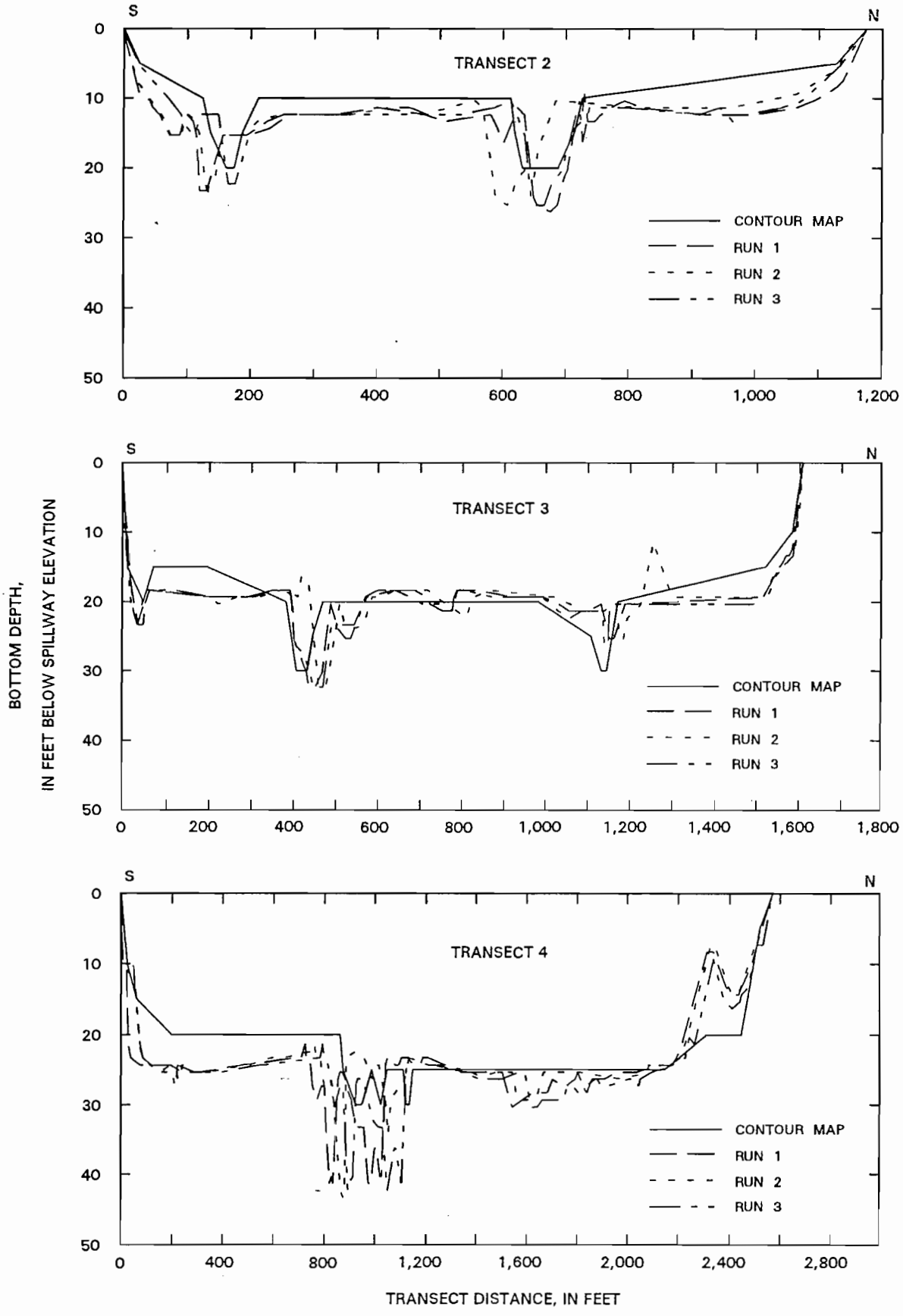

Figure 6.–Reservoir transect depth at transects 2 through 8 in Lake Maumelle.

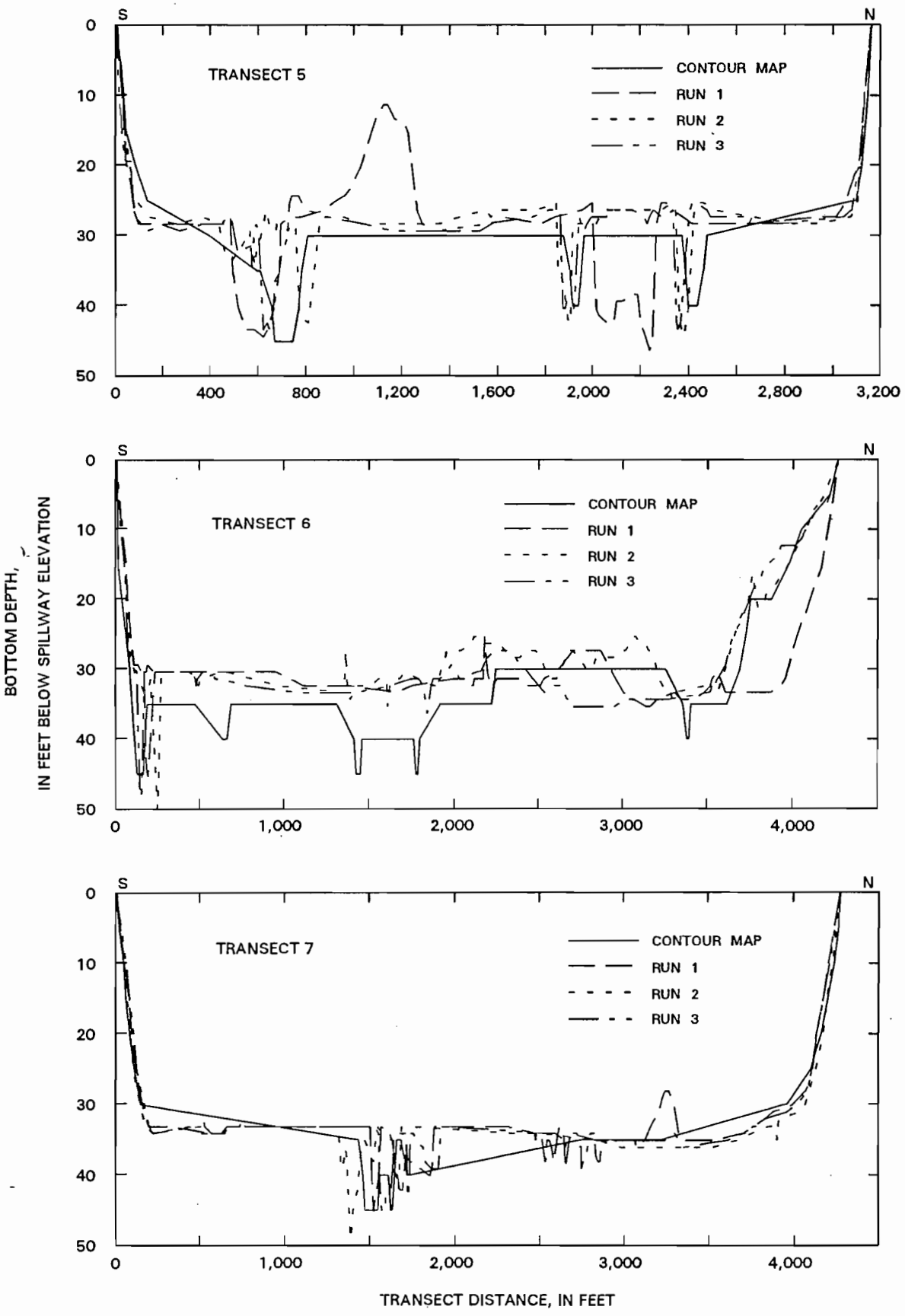

Figure 6.–Reservoir transect depth at transects 2 through 8 in Lake Maumelle–Continued.

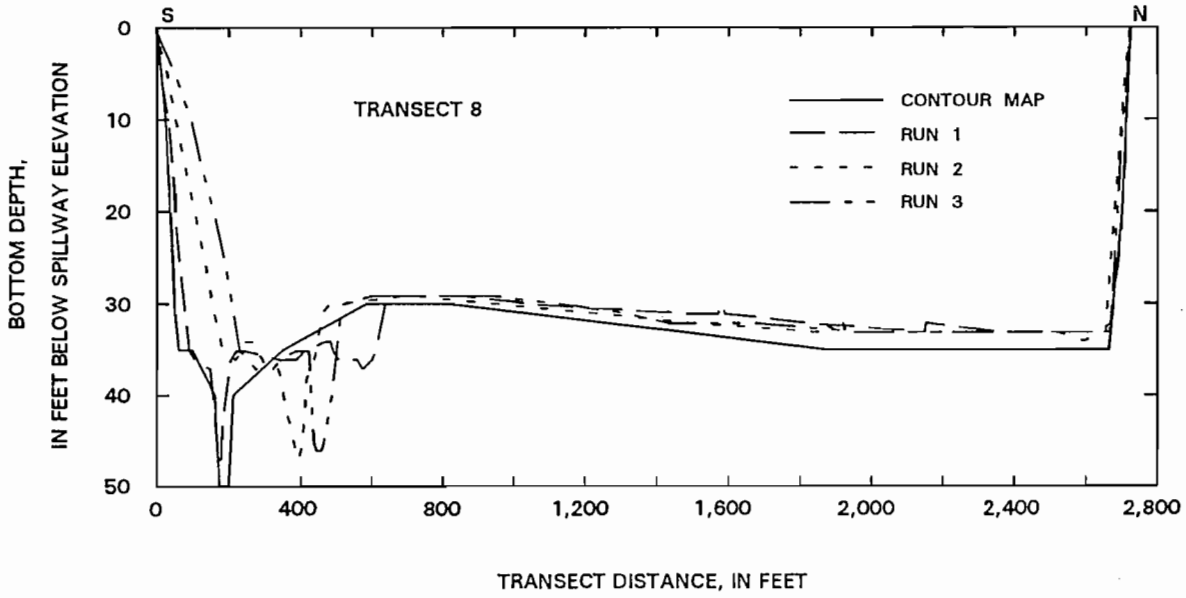

Figure 6.–Reservoir transect depth at transects 2 through 8 in Lake Maumelle–Continued.

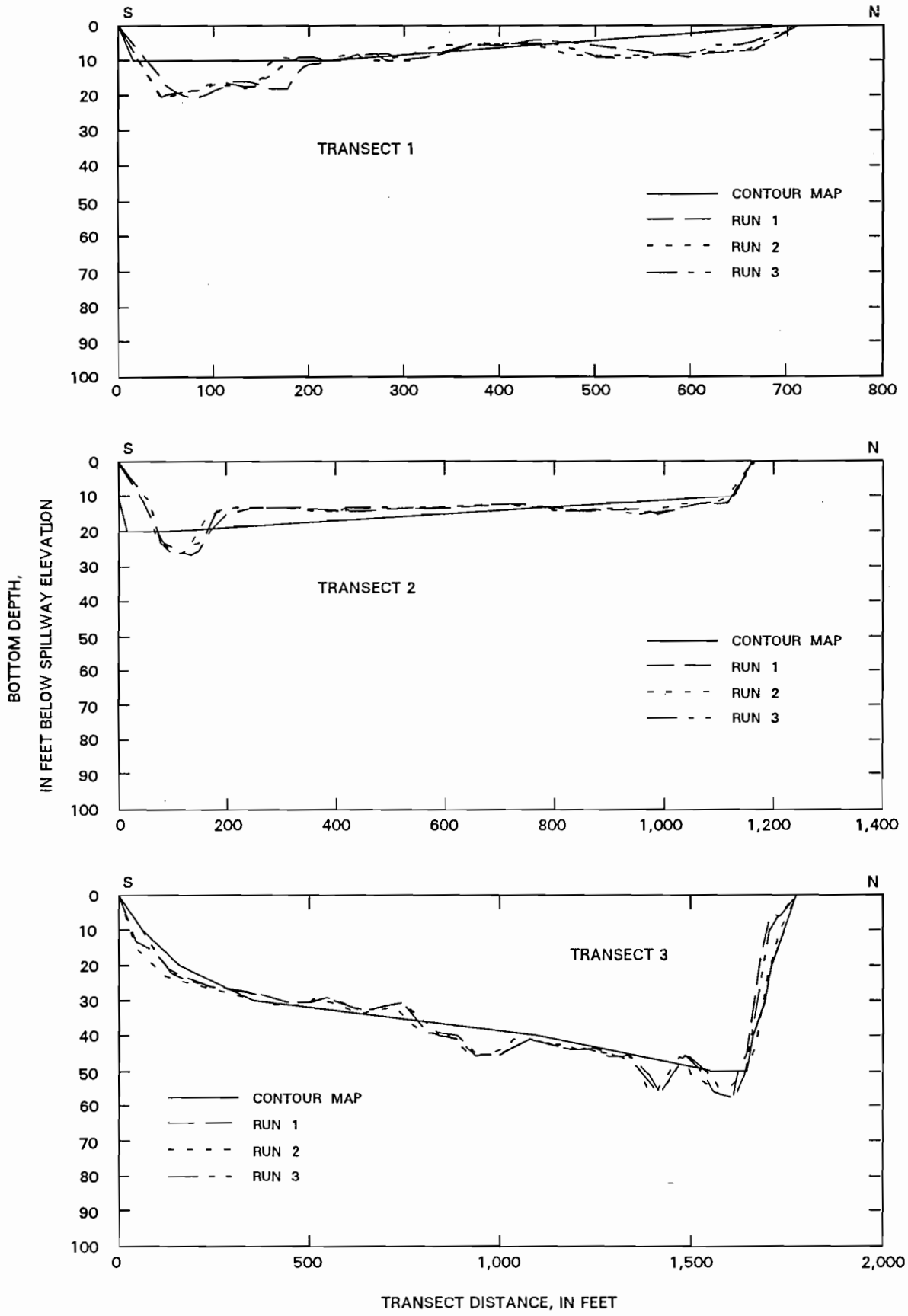

Figure 7.–Reservoir transect depth at transects 1 through 5 in Lake Winona.

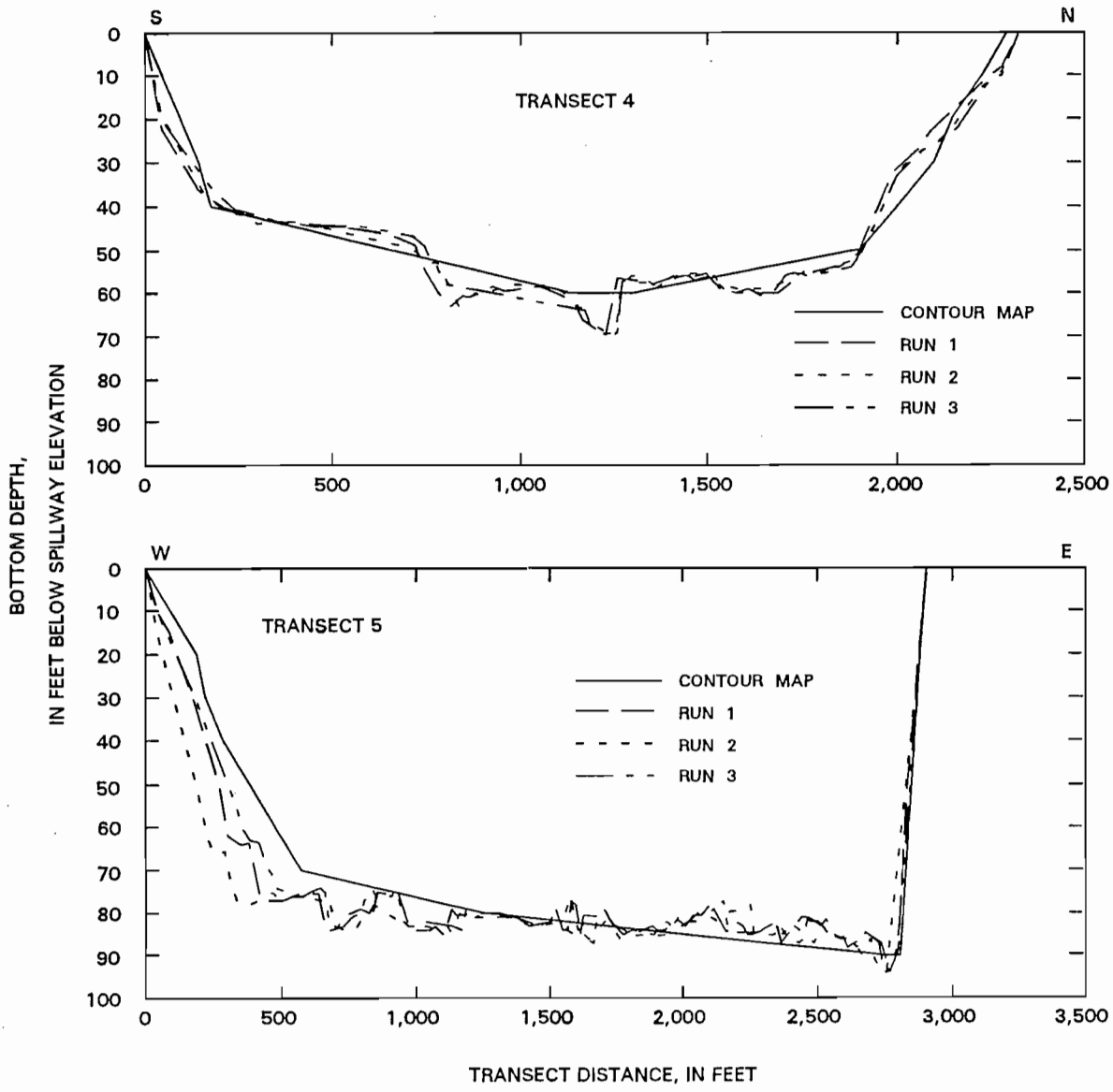

Figure 7.–Reservoir transect depth at transects 1 through 5 in Lake Winona–Continued.

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Table 1.--Descriptive data on the Lakes Maumelle and Winona reservoir systems

[mi, mile; mi^2, square mile; Ggal, billion gallons; acre-ft, acre-feet; ft, feet]

	Lake Winona	Lake Maumelle
BASIN		
Maximum length	12.3 mi	28.0 mi
Maximum width	3.6 mi	4.6 mi
Area	44.4 mi^2	137 mi^2
Diameter	17.5 mi	28.1
Perimeter	35.6 mi	70.5
Shape[1]	3.4	5.7
Compactness ratio[2]	1.5	1.7
Land slope	0.114	0.131
Main channel length to dam	17.0 mi	43.9 mi
Main channel length to mouth	11.9 mi	27.5 mi
Main channel slope to dam	0.0059	0.0027
Main channel slope to mouth	0.0057	0.0031
Sinuosity ratio[3]	1.38	1.57
RESERVOIR		
Maximum length	4.5 mi	12.0 mi
Maximum width	0.66 mi	3.2 mi
Mean width	0.42 mi	1.23 mi
Shoreline	25 mi	70 mi
Shoreline development ratio[4]	5.1	5.3
Area	1.9 mi^2	13.9 mi^2
Volume	14 Ggal	72 Ggal
	43,000 acre-ft	219,440 acre-ft
Maximum depth	100 ft	45 ft
Average depth	34.7 ft	24.7 ft
Basin area/reservoir area	23.4	9.9

[1]Basin shape - The shape of the basin computed as the ratio of the length of the basin to its coverage width.

[2]Basin compactness ratio - The ratio of the perimeter of the basin to the circumference of a circle of equal area.

[3]Sinuosity ratio - The ratio of main channel length to basin length.

[4]Shoreline development ratio - The ratio of the length of the shoreline to the length of the circumference of a circle whose area is equal to that of the reservoir.

Table 2.--Data collection site descriptions

[USGS, U.S. Geological Survey; ST, continuous stage, streamflow, or reservoir elevation; QW, water quality, physical, chemical and biotic components; BM, bed material chemical components; PC, physicochemical components, temperature, pH, dissolved oxygen, specific conductance]

STATION NAME:	Maumelle River at Williams Junction, Arkansas
USGS STATION NUMBER:	07263295
PROJECT STATION NUMBER:	M11
LATITUDE:	34°52'33"
LONGITUDE:	092°52'33"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	23.54
TYPE OF DATA COLLECTED:	ST, QW, BM
STATION NAME:	Maumelle River near Wye, Arkansas
USGS STATION NUMBER:	07263296
PROJECT STATION NUMBER:	M10
LATITUDE:	34°53'03"
LONGITUDE:	092°42'06"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	17.71
TYPE OF DATA COLLECTED:	QW, BM
STATION NAME:	Lake Maumelle west of Highway 10 bridge near Wye, Arkansas
USGS STATION NUMBER:	072632965
PROJECT STATION NUMBER:	M9
LATITUDE:	34°52'24"
LONGITUDE:	092°39'26"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	14.46
TYPE OF DATA COLLECTED:	QW
STATION NAME:	Lake Maumelle east of Highway 10 bridge near Wye, Arkansas
USGS STATION NUMBER:	07263297
PROJECT STATION NUMBER:	M8
LATITUDE:	34°52'21"
LONGITUDE:	092°38'53"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	13.64
TYPE OF DATA COLLECTED:	QW, BM

Table 2.--Data collection site descriptions--Continued

STATION NAME:	Lake Maumelle downstream from Yount Creek near Wye, Arkansas
USGS STATION NUMBER:	072632972
PROJECT STATION NUMBER:	M7
LATITUDE:	34°53'27"
LONGITUDE:	092°36'29"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	10.80
TYPE OF DATA COLLECTED:	PC
STATION NAME:	Twin Creek near Wye, Arkansas
USGS STATION NUMBER:	072632978
PROJECT STATION NUMBER:	M6
LATITUDE:	34°23'30"
LONGITUDE:	092°36'34"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	9.52
TYPE OF DATA COLLECTED:	QW
STATION NAME:	Lake Maumelle downstream from Twin Creek near Wye, Arkansas
USGS STATION NUMBER:	07263298
PROJECT STATION NUMBER:	M5
LATITUDE:	34°52'42"
LONGITUDE:	092°36'17"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	9.14
TYPE OF DATA COLLECTED:	QW, BM
STATION NAME:	Lake Maumelle near Little Italy, Arkansas
USGS STATION NUMBER:	07263299
PROJECT STATION NUMBER:	M4
LATITUDE:	34°42'34"
LONGITUDE:	092°34'35"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	7.29
TYPE OF DATA COLLECTED:	QW, BM
STATION NAME:	Lake Maumelle near Pinnacle, Arkansas
USGS STATION NUMBER:	072632992
PROJECT STATION NUMBER:	M3
LATITUDE:	34°51'55"
LONGITUDE:	092°32'23"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	3.69
TYPE OF DATA COLLECTED:	PC

Table 2.--Data collection site descriptions--Continued

STATION NAME:	Lake Maumelle near Natural Steps, Arkansas
USGS STATION NUMBER:	072632995
PROJECT STATION NUMBER:	M2
LATITUDE:	34°51'39"
LONGITUDE:	092°30'07"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	0.85
TYPE OF DATA COLLECTED:	QW, BM
STATION NAME:	Maumelle River at Maumelle Spillway near Natural Steps, Arkansas
USGS STATION NUMBER:	07263300
PROJECT STATION NUMBER:	M1
LATITUDE:	34°51'57"
LONGITUDE:	092°29'20"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	0.0
TYPE OF DATA COLLECTED:	ST
STATION NAME:	Alum Fork Saline River near Reform, Arkansas
USGS STATION NUMBER:	07362587
PROJECT STATION NUMBER:	W5
LATITUDE:	34°47'50"
LONGITUDE:	092°56'00"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	6.53
TYPE OF DATA COLLECTED:	ST, QW, BM
STATION NAME:	Lake Winona downstream from Stillhouse Creek near Reform, Arkansas
USGS STATION NUMBER:	07362588
PROJECT STATION NUMBER:	W4
LATITUDE:	34°48'28"
LONGITUDE:	092°54'06"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	3.98
TYPE OF DATA COLLECTED:	QW, BM
STATION NAME:	Lake Winona downstream from Gillis Branch near Reform, Arkansas
USGS STATION NUMBER:	07362589
PROJECT STATION NUMBER:	W3
LATITUDE:	34°48'16"
LONGITUDE:	092°51'16"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	1.52
TYPE OF DATA COLLECTED:	QW, BM

Table 2.--Data collection site descriptions--Continued

STATION NAME:	Lake Winona at Reform, Arkansas
USGS STATION NUMBER:	07362590
PROJECT STATION NUMBER:	W2
LATITUDE:	34°48'01"
LONGITUDE:	092°50'50"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	0.38
TYPE OF DATA COLLECTED:	QW, BM
STATION NAME:	Alum Fork Saline River at Winona Dam at Reform, Arkansas
USGS STATION NUMBER:	07362591
PROJECT STATION NUMBER:	W1
LATITUDE:	34°47'51"
LONGITUDE:	092°50'43"
DISTANCE FROM DAM/SPILLWAY: (river channel miles)	0.14
TYPE OF DATA COLLECTED:	ST

Table 3.--List and description of water-quality data collected

[mg/L, milligrams per liter; calc., calculated; ug/L, micrograms per liter; uS/cm at 25° C, microsiemens per centimeter at 25 degrees Celsius; cols., colonies; mL, milliliter; mg/kg, milligrams per kilogram; g, grams; ug/g, micrograms per gram; ug/kg, micrograms per kilogram; ROE, residue on evaporation; NTU, nephelometric turbidity units; STORET; storage and retrieval]

Constituent	Reported as	Minimum reporting value	STORET parameter code	Analytical method reference[1]
		NUTRIENTS IN WATER		
Nitrogen, organic, total	mg/L as N	(calc.)	00605	I-454878
Nitrogen, ammonia, total	mg/L as N	0.01 0.002	00610(b) 00610(a)	I-452290 I-452589
Nitrogen, ammonia plus organic, total	mg/L as N	0.2	00625(a) 00625(c)	I-455285 I-451591
Nitrogen, nitrite, dissolved	mg/L as N	0.01 0.001	00613(b) 00613(a)	I-254090 I-254289
Nitrogen, nitrate, dissolved	mg/L as N	(calc.)	00618	I-153178
Nitrogen, nitrite plus nitrate, dissolved	mg/L as N	0.05 0.005	00631(b) 00631(a)	I-254590 I-254689
Phosphorus, total	mg/L as P	0.001	00665(b)	I-460085
Phosphorus, ortho-, dissolved	mg/L as P	0.001	00671(a)	I-260689
Carbon, organic, total	mg/L as C	0.1	00680(a)	O-310083
Carbon, organic, dissolved	mg/L as C	0.1	00681(a)	O-000278
Carbon, organic, suspended	mg/L as C	0.1	00689(a)	O-710083

Table 3.--List and description of water-quality data collected--Continued

Constituent	Reported as	Minimum reporting value	STORET parameter code	Analytical method reference[1]
	COMMON CONSTITUENTS IN WATER			
Turbidity, NTU	units	0.1	00076(a)	I-368085
Color, platinum-cobalt	units	1.0	00080(a)	I-125085
Alkalinity (field)	mg/L as $CaCO_3$	1.0	00410	I-203078
Calcium, dissolved	mg/L as Ca	0.1	00915(c)	I-115285
Magnesium, dissolved	mg/L as Mg	0.1	00925(b)	I-144785
Sodium, dissolved	mg/L as Na	0.1	00930(b)	I-173585
Potassium, dissolved	mg/L as K	0.1	00935(b)	I-163085
Chloride, dissolved	mg/L as Cl	0.1	00940(j)	I-205785
Sulfate, dissolved	mg/L as SO_4	0.1	00945(g)	I-205785
Fluoride, dissolved	mg/L as F	0.1	00950(e)	I-205785
Silica, dissolved	mg/L as SiO_2	0.1	00955(c)	I-270085
Solids, dissolved, ROE at 180°C	mg/L	1.0	70300(a)	I-175085
Solids, dissolved, calc. sum of constituents	mg/L	(calc.)	70301(a)	I-175178

Table 3.--List and description of water-quality data collected--Continued

Constituent	Reported as	Minimum reporting value	STORET parameter code	Analytical method reference[1]
TRACE METALS IN WATER				
Arsenic, total	ug/L as As	1.0	01002(b)	I-406285
Barium, total	ug/L as Ba	100.0	01007(a)	I-308485
Boron, total	ug/L as Bo	10.0	01020(b)	I-111486
Cadmium, total	ug/L as Cd	1.0	01027(f)	I-413889
Chromium, total	ug/L as Cr	1.0	01034(d)	I-322987
Iron, total	ug/L as Fe	10.0	01045(b)	I-338185
Iron, dissolved	ug/L as Fe	10.0	01046(c)	I-138185
Lead, total	ug/L as Pb	1.0	01051(f)	I-440389
Manganese, total	ug/L as Mn	10.0	01055(a)	I-345485
Manganese, dissolved	ug/L as Mn	10.0	01056(a)	I-145485
Silver, total	ug/L as Ag	1.0	01077(f)	I-472489
Selenium, total	ug/L as Se	1.0	01147(b)	I-000091
Mercury, total	ug/L as Hg	0.1	71900(b)	I-346285
ORGANICS IN WATER				
Chloropyrifos, total	ug/L	0.01	38932	O-310491
Disyston, total	ug/L	0.01	39011(a)	O-310491
Phorate, total	ug/L	0.01	39023(a)	O-310491
DEF, total	ug/L	0.01	39040(a)	O-310483
Ethion, total	ug/L	0.01	39398(b)	O-301483
Malathion, total	ug/L	0.01	39530(b)	O-301483

Table 3.--List and description of water-quality data collected--Continued

Constituent	Reported as	Minimum reporting value	STORET parameter code	Analytical method reference[1]
Parathion, total	ug/L	0.01	39540(b)	O-301483
Diazinon, total	ug/L	0.01	39570(b)	O-301483
Methyl-parathion, total	ug/L	0.01	39600(b)	O-301483
Picloram, total	ug/L	0.01	39720(a)	O-310583
2,4-D, total	ug/L	0.01	39730(b)	O-301583
2,4,5-T, total	ug/L	0.01	39740(b)	O-301583
Silvex, total	ug/L	0.01	39760(b)	O-301583
Total trithion, total	ug/L	0.01	39786(b)	O-301483
Methyl-trithion, total	ug/L	0.01	39790(b)	O-301483
Dicamba, total	ug/L	0.01	82052(a)	O-310583
2,4-DP, total	ug/L	0.01	82183(a)	O-310853
PHYSICOCHEMICAL VARIABLES				
Water temperature, degrees,	Celsius	0.1	00010	
Specific conductance	uS/cm at 25°C	1.0	00095	
Oxygen, dissolved	mg/L	0.1	00300	
Oxygen, percent of saturation	percent	0.1	00301	
pH,	standard units	0.1	00400	

Table 3.--List and description of water-quality data collected--Continued

Constituent	Reported as	Minimum reporting value	STORET parameter code	Analytical method reference[1]
		BIOLOGICAL COMPONENTS		
Bacteria, coliform, fecal	cols./100 mL	1	31625	B-005085
Bacteria, strepto-cocci, fecal	cols./100 mL	1	31673	B-005585
Phytoplankton chlorophyll-A	ug/L as Chy-a	0.1	70953(a)	B-653085
Phytoplankton chlorophyll-B	ug/L as Chy-b	0.1	70954(a)	B-653085
		NUTRIENTS IN BED MATERIAL		
Nitrogen, ammonia in bottom material	mg/kg as N	0.2	00611(a)	I-652290
Nitrogen, ammonia and organic, in bottom material	mg/kg as N	20.0	00626(c)	I-555385
Nitrogen, nitrite plus nitrate, in bottom material	mg/kg as N	2.0	00633(a)	I-654590
Phosphorus, in bottom material	mg/kg as P	40.0	00668(b)	I-660078
Carbon, inorganic, in bottom material	g/kg as C	0.1	00686(c)	O-510183
Carbon, total, in bottom material	g/kg as C	0.1	00693(a)	O-510183

Table 3.--List and description of water-quality data collected--Continued

Constituent	Reported as	Minimum reporting value	STORET parameter code	Analytical method reference[1]
	TRACE METALS IN BED MATERIAL			
Arsenic, in bottom material	ug/g as As	1.0	01003(c)	I-606285
Barium, in bottom material	ug/g as Ba	10.0	01008(a)	I-508485
Cadmium, in bottom material	ug/g as Cd	1.0	01028(b)	I-513585
Chromium, in bottom material	ug/g as Cr	1.0	01029(b)	I-523685
Lead, in bottom material	ug/g as Pb	10.0	01052(b)	I-539985
Manganese, in bottom material	ug/g as Mn	1.0	01053(a)	I-545485
Zinc, in bottom material	ug/g as Zn	1.0	01093(a)	I-590085
Selenium, in bottom material	ug/g as Se	1.0	01148(a)	I-666785
Iron, in bottom material	ug/g as Fe	1.0	01170(b)	I-538185
Mercury, in bottom material	ug/g as Hg	0.01	71921(a)	I-546285
	ORGANICS IN BED MATERIAL			
Picloram, in bottom material	ug/kg	0.1	38930(a)	O-510583
Dicamba, in bottom material	ug/kg	0.1	38931(a)	O-510583
PCN, gross in bottom material	ug/kg	1.0	39251(a)	O-510483

Table 3.--List and description of water-quality data collected--Continued

Constituent	Reported as	Minimum reporting value	STORET parameter code	Analytical method reference[1]
Aldrin, in bottom material	ug/kg	0.1	39333(a)	O-510483
Lindane, in bottom material	ug/kg	0.1	39343(a)	O-510483
Chlordane, in bottom material	ug/kg	1.0	39351(a)	O-510483
DDD, in bottom material	ug/kg	0.1	39363(a)	O-510483
DDE, in bottom material	ug/kg	0.1	39368(a)	O-510483
DDT, in bottom material	ug/kg	0.1	39373(a)	O-510483
Dieldrin, in bottom material	ug/kg	0.1	39383(a)	O-510483
Endosulfan, in bottom material	ug/kg	0.1	39389(a)	O-510483
Endrin, in bottom material	ug/kg	0.1	39393(a)	O-510483
Ethion, in bottom material	ug/kg	0.1	39399(a)	O-510483
Toxaphene, in bottom material	ug/kg	10.0	39403(a)	O-510483
Heptachlor, in bottom material	ug/kg	0.1	39413(a)	O-310791
Heptachlor, epoxy, in bottom material	ug/kg	0.1	39423(a)	O-520180
Methoxychlor, in bottom material	ug/kg	0.1	39481(a)	O-510483
PCB, gross in bottom material	ug/kg	1.0	39519(a)	O-510483

Table 3.--List and description of water-quality data collected--Continued

Constituent	Reported as	Minimum reporting value	STORET parameter code	Analytical method reference[1]
Malathion, in bottom material	ug/kg	0.1	39531(a)	O-510483
Parathion, in bottom material	ug/kg	0.1	39541(a)	O-510483
Diazinon, in bottom material	ug/kg	0.1	39571(a)	O-510483
Methyl-parathion, in bottom material	ug/kg	0.1	39601(a)	O-510483
2,4-D, in bottom material	ug/kg	0.1	39731(a)	O-510583
2,4,5-T, in bottom material	ug/kg	0.1	39741(a)	O-510583
Mirex, in bottom material	ug/kg	0.1	39758(a)	O-510483
Silvex, in bottom material	ug/kg	0.1	39761(a)	O-510583
Trithion, in bottom material	ug/kg	0.1	39787(a)	O-510483
Methyl-trithion, in bottom material	ug/kg	0.1	39791(a)	O-510483
Perthane, in bottom material	ug/kg	1.0	81886(a)	O-510483

[1]Data retrieved from U.S. Geological Survey Central Laboratory computer catalog. Many of the analytical methods starting with the letter "I" can be found in Fishman and Freidman (1989), "O" in Wershaw and others (1987) and "B" in Britton and Greeson (1987).

Table 4.--Shoreline positions of reservoir bottom fathometry transects

[N, north shoreline; S, south shoreline; W, west shoreline; E, east shoreline; figures numbers for Lakes Maumelle and Winona are 4 and 5, respectively and others listed]

Transect	Figure number	Latitude	Longitude
		LAKE MAUMELLE	
T2N	6	34°52'43"	092°38'51"
T2S	6	34°52'21"	092°38'42"
T3N	7	34°53'07"	092°38'06"
T3S	7	34°52'38"	092°37'51"
T4N	8	34°53'40"	092°36'57"
T4S	8	34°52'50"	092°36'57"
T5N	9	34°53'37"	092°35'51"
T5S	9	34°52'35"	092°35'53"
T6N	10	34°53'42"	092°34'03"
T6S	10	34°52'22"	092°34'24"
T7N	11	34°53'09"	092°32'32"
T7S	11	34°51'47"	092°32'45"
T8N	12	34°52'25"	092°30'52"
T8S	12	34°51'34"	092°31'10"
		LAKE WINONA	
T1N	13	34°48'38"	092°54'21"
T1S	13	34°48'31"	092°54'24"
T2N	14	34°48'37"	092°54'03"
T2S	14	34°48'26"	092°54'02"
T3N	15	34°48'40"	092°52'32"
T3S	15	34°48'25"	092°52'40"
T4N	16	34°48'27"	092°51'55"
T4S	16	34°48'05"	092°52'03"
T5W	17	34°48'05"	092°51'20"
T5E	17	34°48'01"	092°50'50"

Table 5.--Daily mean discharge for Maumelle River at Williams Junction, Arkansas (07263295)

[discharge in cubic feet per second; e, estimated; ---, no data]

Water year October 1988 to September 1989

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	---	---	---	---	---	---	---	---	---	---	---	1.8
2	---	---	---	---	---	---	---	---	---	---	---	3.6
3	---	---	---	---	---	---	---	---	---	---	---	4.1
4	---	---	---	---	---	---	---	---	---	---	---	2.9
5	---	---	---	---	---	---	---	---	---	---	---	2.5
6	---	---	---	---	---	---	---	---	---	---	---	2.4
7	---	---	---	---	---	---	---	---	---	---	---	2.4
8	---	---	---	---	---	---	---	---	---	---	---	2.3
9	---	---	---	---	---	---	---	---	---	---	---	2.3
10	---	---	---	---	---	---	---	---	---	---	1.8	2.5
11	---	---	---	---	---	---	---	---	---	---	1.7	2.5
12	---	---	---	---	---	---	---	---	---	---	1.7	2.4
13	---	---	---	---	---	---	---	---	---	---	1.6	2.4
14	---	---	---	---	---	---	---	---	---	---	1.6	2.4
15	---	---	---	---	---	---	---	---	---	---	1.6	2.5
16	---	---	---	---	---	---	---	---	---	---	1.6	2.5
17	---	---	---	---	---	---	---	---	---	---	1.6	2.4
18	---	---	---	---	---	---	---	---	---	---	1.7	2.3
19	---	---	---	---	---	---	---	---	---	---	1.7	2.2
20	---	---	---	---	---	---	---	---	---	---	1.7	2.2
21	---	---	---	---	---	---	---	---	---	---	1.7	2.1
22	---	---	---	---	---	---	---	---	---	---	1.7	2.1
23	---	---	---	---	---	---	---	---	---	---	1.7	2.0
24	---	---	---	---	---	---	---	---	---	---	2.3	2.0
25	---	---	---	---	---	---	---	---	---	---	2.0	2.0
26	---	---	---	---	---	---	---	---	---	---	1.9	2.0
27	---	---	---	---	---	---	---	---	---	---	1.9	1.9
28	---	---	---	---	---	---	---	---	---	---	1.8	1.6
29	---	---	---	---	---	---	---	---	---	---	1.8	1.9
30	---	---	---	---	---	---	---	---	---	---	1.8	2.3
31	---	---	---	---	---	---	---	---	---	---	1.8	---
Total	---	---	---	---	---	---	---	---	---	---	---	70.5
Mean	---	---	---	---	---	---	---	---	---	---	---	2.35
Maximum	---	---	---	---	---	---	---	---	---	---	---	4.1
Minimum	---	---	---	---	---	---	---	---	---	---	---	1.6
Acre-feet	---	---	---	---	---	---	---	---	---	---	---	140

Table 5.--Daily mean discharge for Maumelle River at Williams Junction, Arkansas (07263295)--Continued

Water year October 1989 to September 1990

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	65	e3.5	e4.0	e5.5	841	288	214	185	51	e0.25	0.00	0.00
2	39	e3.5	e4.0	e5.0	570	205	147	e1,300	63	e.15	.00	.00
3	e28	e3.5	e3.5	e8.0	1,100	140	110	e800	59	e.10	.00	.00
4	e21	e3.5	e3.5	e12	438	105	88	e550	43	e.00	.00	.00
5	e17	e4.0	e3.5	e10	236	82	86	e350	29	e.00	.00	.00
6	e21	e4.0	e3.5	e9.0	160	68	286	e230	20	e.00	.00	.00
7	e24	e4.5	e3.5	e8.5	115	669	207	e120	14	e.00	.00	.00
8	e21	e5.0	e3.5	e8.0	90	2,210	145	e90	9.5	e.00	.00	.00
9	e18	e5.0	e3.5	e7.5	96	424	112	e60	7.1	e.00	.00	.00
10	e16	e4.5	e3.5	e7.0	239	253	143	e45	5.3	e.00	.00	.00
11	e14	e4.5	e3.5	e7.0	162	182	128	e40	4.1	e.00	.00	.00
12	e13	e4.0	e3.5	e6.5	117	179	103	e130	3.2	.00	.00	e.00
13	e12	e4.0	e3.5	e6.0	91	151	86	e350	2.6	.00	.00	e.30
14	e11	e3.5	e3.5	e6.0	72	154	90	e170	2.2	.00	.00	e.60
15	e10	e3.5	e3.5	e6.0	870	308	73	e90	12	.00	.00	e.40
16	e10	e3.5	e3.5	e6.0	361	201	98	e60	5.2	.00	.00	e.30
17	e9.5	e3.5	e3.5	e20	195	142	255	e40	2.1	.00	.00	.24
18	e8.5	e3.0	e3.5	175	141	109	261	e30	1.5	.00	.00	e.10
19	e8.0	e3.0	e3.5	1,160	108	90	170	e730	1.0	.00	.00	e.00
20	e7.5	e3.0	e3.0	641	82	71	153	e1,040	.75	.00	.00	.00
21	e7.0	e3.5	e3.0	247	84	59	270	e500	.14	.00	.00	.02
22	e6.5	e4.0	e3.0	148	209	49	1,240	e250	.32	.00	.00	.00
23	e6.0	e4.5	e3.0	106	146	39	489	142	.42	.00	.00	.00
24	e5.5	e4.5	e3.0	79	110	34	247	92	.41	.00	.00	.00
25	e5.0	e4.5	e3.0	63	83	37	163	64	.57	.00	.00	.00
26	e4.5	e4.5	e3.0	44	69	37	120	45	.62	.00	.00	.00
27	e4.0	e4.5	e3.0	34	57	35	226	125	.98	.00	.00	.00
28	e4.0	e4.5	e3.0	35	54	316	457	134	.89	.00	.00	.00
29	e3.5	e4.0	e3.5	115	---	411	226	89	.58	.00	.00	.00
30	e3.5	e4.0	e4.5	119	---	557	145	66	e.35	.00	.00	.00
31	e3.5	---	e7.0	94	---	327	---	65	---	.00	.00	---
Total	426.5	119.0	109.5	3,198.0	6,896	7,932	6,538	7,982	340.83	0.50	0.00	1.96
Mean	13.8	3.97	3.53	103	246	256	218	257	11.4	.016	.000	.065
Maximum	65	5.0	7.0	1,160	1,100	2,210	1,240	1,300	63	.25	.00	.60
Minimum	3.5	3.0	3.0	5.0	54	34	73	30	.14	.00	.00	.00
Acre-feet	846	236	217	6,340	13,680	15,730	12,970	15,830	676	1.0	.00	3.9

Table 5.--Daily mean discharge for Maumelle River at Williams Junction, Arkansas (07263295)--Continued

Water year October 1990 to September 1991

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	0.00	5.1	32	200	23	223	5.9	159	4.2	7.2	0.00	e0.00
2	.00	3.9	38	168	21	221	5.7	107	3.6	e6.0	.00	e.50
3	.03	4.3	144	174	20	146	7.5	142	3.1	5.5	.00	9.0
4	.17	4.4	99	164	19	113	46	123	1.9	6.2	.00	52
5	.40	6.2	73	167	34	93	31	90	.19	3.8	.00	39
6	.45	6.4	58	1,310	162	78	23	60	.03	2.6	.00	25
7	.45	6.2	43	561	139	61	20	40	.72	1.0	.00	18
8	e140	6.8	34	278	106	49	17	28	3.8	.90	.00	13
9	e1,500	27	27	198	87	40	27	22	4.2	.77	.00	11
10	415	46	23	737	73	33	23	31	5.9	.48	.00	9.6
11	137	32	20	606	59	29	21	36	7.1	.16	.00	8.2
12	82	23	18	328	49	27	332	23	8.2	.00	.00	6.5
13	53	18	16	219	47	21	986	17	8.2	.00	.00	4.0
14	35	15	14	164	40	e18	e690	12	7.7	.00	.00	3.7
15	24	12	14	278	31	e15	e300	9.2	7.9	.00	.00	3.8
16	26	10	15	295	27	15	180	9.2	17	.00	.00	7.0
17	39	9.8	39	194	31	17	117	9.1	18	.00	.00	10
18	36	9.1	818	148	38	15	87	7.2	18	.00	.00	8.0
19	24	8.4	331	141	58	14	63	5.6	18	.00	.00	7.9
20	8.5	8.1	180	123	48	12	42	5.1	21	.00	.00	6.9
21	11	7.8	e1,700	99	41	11	31	6.9	20	.00	.00	6.1
22	29	7.9	431	88	365	10	28	7.6	18	.00	.00	5.7
23	26	8.2	166	80	364	9.7	23	6.4	31	.00	.00	8.9
24	18	7.9	100	69	203	9.2	18	5.7	29	.00	.00	10
25	14	7.6	71	58	141	8.7	14	62	24	.00	.00	11
26	11	7.3	60	51	108	7.9	13	59	24	.00	.00	10
27	8.6	14	116	46	87	7.7	e1,800	28	23	.00	.00	7.9
28	e7.5	55	147	41	73	7.2	e760	16	19	.00	.00	6.4
29	6.1	51	368	36	---	6.9	1,380	11	17	.00	.00	5.9
30	4.9	38	462	32	---	6.8	e330	7.3	11	.00	.00	6.1
31	4.8	---	307	27	---	6.5	---	5.6	---	.00	e.00	---
Total	2,661.90	466.4	5,964	7,080	2,494	1,331.6	7,421.1	1,150.9	374.74	34.61	0.00	321.10
Mean	85.9	15.5	192	228	89.1	43.0	247	37.1	12.5	1.12	.000	10.7
Maximum	1,500	55	1,700	1,310	365	223	1,800	159	31	7.2	.00	52
Minimum	.00	3.9	14	27	19	6.5	5.7	5.1	.03	.00	.00	.00
Acre-feet	5,280	925	11,830	14,040	4,950	2,640	14,720	2,280	743	69	.00	637

Table 5.--Daily mean discharge for Maumelle River at Williams Junction, Arkansas (07263295)--Continued

Water year October 1991 to September 1992

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	5.4	419	807	79	18	9.1	e20	1.6	2.1	11	6.7	0.75
2	5.2	150	492	79	16	e7.0	19	1.5	24	8.6	5.1	1.2
3	5.4	87	269	71	15	e6.0	15	1.1	145	6.9	4.9	1.9
4	4.9	62	136	60	13	e5.0	e13	.82	48	5.8	11	1.7
5	4.7	47	86	50	12	e4.0	11	.47	21	5.8	79	1.5
6	4.3	35	57	42	11	e6.0	e9.5	.15	12	8.5	91	1.4
7	4.0	27	36	37	10	e7.0	e8.5	.00	8.4	5.9	56	1.3
8	3.9	21	24	39.1	e4.7	e7.5	.00	5.2	5.2	34	1.8	
9	3.6	17	1,220	44	8.3	e35	e6.5	.13	3.9	3.9	22	1.7
10	3.1	15	e482	36	7.9	e400	e5.7	.40	11	2.9	18	1.1
11	3.2	13	e296	31	10	e280	e4.9	.66	87	1.5	14	.98
12	3.3	11	e232	34	91	e170	e4.3	1.0	160	.38	11	.59
13	e3.1	9.8	349	97	60	108	e3.9	.88	100	1.4	8.1	1.1
14	e3.3	9.1	238	272	189	e78	e3.4	.81	63	.39	6.1	.39
15	3.5	9.6	176	182	224	e55	e3.0	.83	52	.64	4.8	.19
16	3.4	14	141	136	100	e40	e2.7	.63	33	1.4	3.7	.00
17	3.2	293	117	112	72	e30	e2.4	.70	20	18	2.9	.00
18	3.0	598	e98	94	56	e600	e2.2	.84	13	16	2.5	.00
19	e2.6	1200	e86	77	27	e400	e2.0	.83	16	8.8	2.2	.00
20	e2.3	491	e75	68	16	e260	e7.0	1.9	96	5.9	2.0	.26
21	2.2	48	e120	59	10	e160	e30	1.7	55	4.2	1.8	.73
22	2.2	60	e166	58	7.3	e100	e22	2.2	31	134	1.6	.97
23	2.1	68	201	56	30	118	e13	1.8	19	313	1.4	.73
24	2.2	39	166	42	18	e90	e8.0	1.6	13	122	1.3	.56
25	7.3	24	142	33	16	e70	6.1	1.6	9.2	57	1.2	.48
26	40	15	120	28	71	e58	e5.0	1.8	7.5	31	1.2	.44
27	37	9.6	109	26	52	e47	e4.0	1.1	5.8	24	1.2	.37
28	39	6.7	139	26	28	e38	e3.4	1.1	5.0	16	1.1	.31
29	473	5.8	113	24	14	e31	e2.7	2.4	6.2	12	.94	.14
30	343	165	98	22	---	e26	e2.2	4.0	11	9.2	.81	.00
31	234	---	86	21	---	e23	---	2.6	---	8.7	.85	---
Total	1,257.4	3,969.6	6,877	2,035	1,211.6	3,265.8	247.9	37.15	1,083.3	850.01	398.40	22.59
Mean	40.6	132	222	65.6	41.8	105	8.26	1.20	36.1	27.4	12.9	.75
Maximum	473	1,200	1,220	272	224	600	30	4.0	160	313	91	1.9
Minimum	2.1	5.8	24	21	7.3	4.0	2.0	.00	2.1	.38	.81	.00
Acre-feet	2,490	7,870	13,640	4,040	2,400	6,480	492	74	2,150	1,690	790	45

Table 6.--Daily mean elevation for Maumelle River at Maumelle Spillway at Natural Steps, Arkansas (07263300)

[elevation in feet above datum (200 feet above sea level); e, estimated; ---, no data]

	Water year October 1988 to September 1989											
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	---	---	---	---	---	---	---	---	---	---	---	89.58
2	---	---	---	---	---	---	---	---	---	---	---	89.77
3	---	---	---	---	---	---	---	---	---	---	---	89.88
4	---	---	---	---	---	---	---	---	---	---	---	89.90
5	---	---	---	---	---	---	---	---	---	---	---	89.88
6	---	---	---	---	---	---	---	---	---	---	---	89.87
7	---	---	---	---	---	---	---	---	---	---	---	89.85
8	---	---	---	---	---	---	---	---	---	---	---	89.84
9	---	---	---	---	---	---	---	---	---	---	---	89.84
10	---	---	---	---	---	---	---	---	---	---	---	89.85
11	---	---	---	---	---	---	---	---	---	---	---	89.83
12	---	---	---	---	---	---	---	---	---	---	---	89.83
13	---	---	---	---	---	---	---	---	---	---	---	89.82
14	---	---	---	---	---	---	---	---	---	---	---	89.86
15	---	---	---	---	---	---	---	---	---	---	---	89.83
16	---	---	---	---	---	---	---	---	---	---	89.78	89.81
17	---	---	---	---	---	---	---	---	---	---	89.76	89.79
18	---	---	---	---	---	---	---	---	---	---	89.75	89.78
19	---	---	---	---	---	---	---	---	---	---	89.72	89.76
20	---	---	---	---	---	---	---	---	---	---	89.71	89.74
21	---	---	---	---	---	---	---	---	---	---	89.68	89.75
22	---	---	---	---	---	---	---	---	---	---	89.65	89.82
23	---	---	---	---	---	---	---	---	---	---	89.63	89.76
24	---	---	---	---	---	---	---	---	---	---	89.61	89.72
25	---	---	---	---	---	---	---	---	---	---	89.61	89.69
26	---	---	---	---	---	---	---	---	---	---	89.59	89.66
27	---	---	---	---	---	---	---	---	---	---	89.56	89.63
28	---	---	---	---	---	---	---	---	---	---	89.57	89.59
29	---	---	---	---	---	---	---	---	---	---	89.62	89.59
30	---	---	---	---	---	---	---	---	---	---	89.60	89.64
31	---	---	---	---	---	---	---	---	---	---	89.58	---
Mean	---	---	---	---	---	---	---	---	---	---	---	89.77
Maximum	---	---	---	---	---	---	---	---	---	---	---	89.90
Minimum	---	---	---	---	---	---	---	---	---	---	---	89.58

Table 6.--Daily mean elevation for Maumelle River at Maumelle Spillway at Natural Steps, Arkansas (07263300)--Continued

Water year October 1989 to September 1990

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	89.67	89.27	88.84	88.38	---	90.56	90.96	90.86	90.40	---	88.85	87.94
2	89.67	89.25	88.84	88.36	---	90.63	90.89	91.30	90.38	---	88.83	87.90
3	89.66	89.22	88.81	88.36	---	90.61	90.80	91.74	90.36	---	88.81	87.86
4	89.65	89.20	88.78	88.41	---	90.57	90.68	91.72	90.32	---	88.79	87.83
5	89.63	89.18	88.76	88.42	---	90.52	90.63	91.46	90.29	---	88.78	87.80
6	89.65	89.23	88.74	88.41	90.91	90.49	90.76	91.23	90.26	---	88.74	87.76
7	89.68	89.25	88.72	88.42	90.84	90.67	90.79	91.05	90.22	---	88.70	87.73
8	89.66	89.29	88.74	88.41	90.75	92.27	90.75	90.89	90.20	---	88.67	87.72
9	89.64	89.26	88.71	88.41	90.69	92.20	90.69	90.78	90.18	---	88.63	87.70
10	89.63	89.23	88.69	88.40	90.70	91.82	90.69	90.66	90.19	---	88.59	87.67
11	89.61	89.21	88.69	88.40	90.68	91.52	90.65	90.56	90.15	---	88.57	87.66
12	89.59	89.20	88.66	88.39	90.63	91.28	90.59	90.64	90.11	---	88.54	87.65
13	89.58	89.18	88.64	88.36	90.57	91.10	90.54	90.76	90.08	89.21	88.55	87.68
14	89.56	89.18	88.60	88.35	90.52	90.96	90.53	90.71	90.06	89.16	88.53	87.69
15	89.55	89.18	88.60	88.34	90.83	90.96	90.48	90.64	90.04	89.14	88.52	87.66
16	89.55	89.15	88.56	88.34	91.04	90.90	90.48	90.58	90.03	89.14	88.50	87.63
17	89.58	89.08	88.54	---	90.93	90.81	90.51	90.52	90.01	89.13	88.47	87.59
18	89.55	89.06	88.52	---	90.84	90.71	90.58	90.44	89.99	89.15	88.44	87.58
19	89.53	89.03	88.52	---	90.75	90.64	90.58	90.47	---	89.15	88.42	87.60
20	89.48	89.02	88.49	89.65	90.67	90.56	90.55	90.76	---	89.15	---	87.63
21	89.43	88.99	88.48	89.73	90.60	90.50	90.57	90.94	---	89.17	---	87.67
22	89.41	89.01	88.47	89.79	90.67	90.44	90.68	90.90	---	89.15	---	87.66
23	89.41	88.99	88.47	89.84	90.64	90.39	90.88	90.82	---	89.11	---	87.62
24	89.39	88.96	88.46	89.87	90.59	90.35	90.84	90.72	---	89.09	---	87.57
25	89.38	88.94	88.43	89.96	90.51	90.32	90.76	90.63	---	89.05	---	87.55
26	89.37	88.94	88.38	89.91	90.48	90.30	90.68	90.57	---	89.03	---	87.52
27	89.35	88.95	88.35	89.91	90.43	90.28	90.68	90.53	---	89.01	---	87.50
28	89.33	88.93	88.33	89.92	90.40	90.38	91.02	90.55	---	88.99	---	87.48
29	89.32	88.88	88.32	---	---	90.62	90.99	90.51	---	88.95	---	87.46
30	89.32	88.86	88.35	---	---	90.92	90.90	90.45	---	88.93	---	87.43
31	89.30	---	88.40	---	---	91.02	---	90.42	---	88.89	87.98	---
Mean	89.52	89.10	88.58	---	---	90.82	90.70	90.80	---	---	---	87.66
Maximum	89.68	89.29	88.84	---	---	92.27	91.02	91.74	---	---	---	87.94
Minimum	89.30	88.86	88.32	---	---	90.28	90.48	90.42	---	---	---	87.43

Table 6.--Daily mean elevation for Maumelle River at Maumelle Spillway at Natural Steps, Arkansas (07263300)--Continued

Water year October 1990 to September 1991

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	87.42	88.42	---	---	90.44	90.71	90.21	---	90.21	89.90	89.01	88.56
2	87.39	88.41	---	---	90.42	90.78	90.19	91.35	90.20	89.89	88.98	88.56
3	87.37	88.40	---	---	90.39	90.78	90.21	91.24	90.17	89.88	88.95	88.59
4	87.56	88.42	---	---	90.37	90.72	90.26	91.14	90.14	---	88.90	88.65
5	87.56	88.42	---	---	90.40	90.69	90.25	91.05	90.12	---	88.86	88.68
6	87.55	88.36	---	---	---	90.66	90.25	90.93	90.17	---	88.83	88.67
7	87.55	88.35	---	---	---	90.61	90.24	90.81	90.13	---	88.80	88.66
8	87.62	88.33	---	---	90.46	90.57	90.25	---	90.10	---	88.76	88.65
9	88.21	88.33	---	---	90.46	90.54	90.32	---	90.07	---	88.73	88.64
10	88.58	---	---	---	90.45	90.49	90.34	---	90.05	89.55	88.70	88.63
11	88.64	---	---	---	90.44	90.47	90.37	---	90.02	89.52	88.65	88.61
12	88.66	---	---	---	90.43	90.46	90.61	---	90.03	89.46	88.62	88.59
13	88.66	---	---	---	90.44	90.46	90.97	---	90.02	89.43	88.60	88.56
14	88.65	---	---	---	90.47	90.37	91.64	---	89.99	89.38	88.55	88.53
15	88.65	---	---	---	90.39	90.33	91.60	---	89.98	89.33	88.51	88.51
16	88.63	---	---	---	90.32	90.32	91.42	90.41	89.98	89.29	88.47	88.51
17	88.62	---	---	---	90.32	90.35	91.26	90.40	90.00	89.25	88.47	88.50
18	88.63	---	---	---	90.33	90.33	91.12	90.37	89.99	89.21	88.45	88.47
19	88.60	---	89.56	---	90.39	90.32	91.01	90.34	89.97	89.19	88.43	88.44
20	88.58	---	89.67	---	90.38	90.31	90.90	90.33	89.96	89.18	88.39	88.38
21	88.59	88.28	90.49	---	90.37	90.30	90.79	90.31	89.96	89.15	88.39	88.34
22	88.61	88.30	91.32	---	90.49	90.31	90.72	90.29	89.97	89.13	88.39	88.31
23	88.59	88.31	91.33	---	90.77	90.30	90.66	90.28	90.05	89.09	88.36	88.32
24	88.58	88.29	91.19	---	90.82	90.27	90.59	90.28	90.03	89.05	88.33	88.30
25	88.56	88.27	91.06	91.10	90.80	90.26	90.55	90.30	90.01	89.06	88.30	88.29
26	88.52	88.26	90.96	90.60	90.76	90.25	90.51	90.30	89.99	89.05	88.40	88.24
27	88.51	88.27	90.97	90.56	90.72	90.27	91.18	90.30	89.96	89.01	88.42	88.21
28	88.50	---	---	90.54	90.67	90.24	91.61	90.28	89.94	89.03	88.40	88.18
29	88.47	---	---	90.51	---	90.26	92.10	90.27	89.92	89.02	88.39	88.15
30	88.45	---	---	90.49	---	90.25	92.01	90.25	89.90	89.00	88.48	88.13
31	88.44	---	---	90.46	---	90.24	---	90.22	---	89.01	88.57	---
Mean	88.29	---	---	---	---	90.43	90.80	---	90.03	---	88.58	88.46
Maximum	88.66	---	---	---	---	90.78	92.10	---	90.21	---	89.01	88.68
Minimum	87.37	---	---	---	---	90.24	90.19	---	89.90	---	88.30	88.13

Table 6.--Daily mean elevation for Maumelle River at Maumelle Spillway at Natural Steps, Arkansas (07263300)--Continued

Water year October 1991 to September 1992

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	88.11	89.28	91.21	90.57	90.36	90.51	90.57	89.90	89.90	90.34	90.27	89.82
2	88.09	89.35	91.47	90.58	90.35	90.49	90.52	89.90	89.95	90.32	90.25	89.83
3	88.07	89.37	91.50	90.55	90.34	90.48	90.48	89.90	90.37	90.35	90.27	89.83
4	88.06	89.34	91.34	90.53	90.33	90.48	90.45	89.90	90.49	90.31	90.33	89.81
5	88.05	89.33	91.20	90.50	90.32	90.47	90.41	89.90	90.47	90.32	90.43	89.78
6	88.02	89.33	91.08	90.49	90.30	90.54	90.41	89.90	90.46	90.29	90.49	89.77
7	87.98	89.33	90.98	90.47	90.29	90.55	90.40	89.90	90.44	90.27	90.48	89.75
8	87.94	89.33	90.90	90.47	90.27	90.53	90.38	89.90	90.41	90.23	90.45	89.72
9	87.91	89.31	91.84	90.46	90.25	90.65	90.36	89.80	90.39	90.21	90.43	89.69
10	87.89	89.30	92.04	90.43	90.24	91.12	90.35	89.80	90.38	90.18	90.41	89.67
11	87.87	89.29	91.60	90.40	90.25	91.09	90.33	89.80	90.46	90.15	90.39	89.63
12	87.85	89.28	91.40	90.41	90.37	91.04	90.30	89.80	90.73	90.13	90.35	89.60
13	87.82	89.27	91.30	90.45	90.42	90.95	90.29	89.80	90.76	90.10	90.31	89.56
14	87.83	89.26	91.34	90.57	90.50	90.87	90.28	89.90	90.75	90.09	90.28	89.53
15	87.81	89.26	91.20	90.61	90.65	90.80	90.27	89.92	90.74	90.09	90.24	89.50
16	87.78	89.27	91.08	90.60	90.68	90.73	90.25	89.90	90.69	90.12	90.20	89.47
17	87.75	89.31	90.98	90.59	90.68	90.69	90.23	89.90	90.63	90.22	90.17	89.46
18	87.72	89.81	90.88	90.58	90.69	91.49	90.21	89.92	90.58	90.21	90.15	89.44
19	87.70	90.20	90.78	90.57	90.65	91.67	90.22	89.91	90.57	90.20	90.12	89.43
20	87.67	91.22	90.73	90.55	90.61	91.47	90.42	89.96	90.67	90.18	90.09	89.41
21	87.65	91.28	90.74	90.52	90.57	91.30	90.45	90.02	90.62	90.16	90.06	89.42
22	87.62	91.19	90.72	90.52	90.55	91.19	90.40	90.01	90.58	90.16	90.04	89.43
23	87.60	91.13	90.73	90.54	90.55	91.10	90.37	90.01	90.53	90.26	90.01	89.39
24	87.58	90.97	90.71	90.49	90.54	91.00	90.25	90.00	90.49	90.36	90.01	89.34
25	87.61	90.85	90.69	90.47	90.55	90.95	90.14	89.96	90.45	90.36	89.99	89.31
26	87.70	90.78	90.65	90.44	90.56	90.87	90.07	89.95	90.41	90.34	89.97	89.30
27	87.70	90.71	90.63	90.43	90.55	90.79	90.02	89.91	90.37	90.35	89.99	89.28
28	87.73	90.66	90.65	90.42	90.55	90.72	89.93	89.89	90.33	90.32	89.96	89.25
29	88.08	90.62	90.63	90.40	90.53	90.69	89.77	89.94	90.32	90.31	89.92	89.22
30	88.59	90.87	90.61	90.39	---	90.66	89.71	89.94	90.36	90.32	89.88	89.19
31	88.75	---	90.59	90.38	---	90.59	---	89.92	---	90.31	89.84	---
Mean	87.89	89.95	91.04	90.50	90.47	90.85	90.27	89.91	90.48	90.24	90.19	89.53
Maximum	88.75	91.28	92.04	90.61	90.69	91.67	90.57	90.02	90.76	90.36	90.49	89.83
Minimum	87.58	89.26	90.59	90.38	90.24	90.47	89.71	89.80	89.90	90.09	89.84	89.19

Table 7.--Daily mean discharge for Alum Fork Saline River near Reform, Arkansas (07362587)

[discharge in cubic feet per second; e, estimated; ---, no data]

Water year October 1988 to September 1989

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	3.0
15	---	---	---	---	---	---	---	---	---	---	---	3.0
16	---	---	---	---	---	---	---	---	---	---	---	2.9
17	---	---	---	---	---	---	---	---	---	---	---	2.9
18	---	---	---	---	---	---	---	---	---	---	---	2.8
19	---	---	---	---	---	---	---	---	---	---	---	2.8
20	---	---	---	---	---	---	---	---	---	---	---	2.7
21	---	---	---	---	---	---	---	---	---	---	---	2.6
22	---	---	---	---	---	---	---	---	---	---	---	2.6
23	---	---	---	---	---	---	---	---	---	---	---	2.5
24	---	---	---	---	---	---	---	---	---	---	---	2.5
25	---	---	---	---	---	---	---	---	---	---	---	2.5
26	---	---	---	---	---	---	---	---	---	---	---	2.5
27	---	---	---	---	---	---	---	---	---	---	---	2.4
28	---	---	---	---	---	---	---	---	---	---	---	2.4
29	---	---	---	---	---	---	---	---	---	---	---	2.4
30	---	---	---	---	---	---	---	---	---	---	---	2.8
31	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Maximum	---	---	---	---	---	---	---	---	---	---	---	---
Minimum	---	---	---	---	---	---	---	---	---	---	---	---
Acre-feet	---	---	---	---	---	---	---	---	---	---	---	---

Table 7.--Daily mean discharge for Alum Fork Saline River near Reform, Arkansas (07362587)--Continued

Water year October 1989 to September 1990

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	35	e1.6	1.3	4.9	732	236	e140	149	19	0.49	0.11	0.00
2	20	e1.5	1.3	3.9	390	146	e85	828	34	.41	.09	.00
3	e17	e1.5	1.3	4.4	594	95	e55	580	33	.37	.25	.00
4	e14	e1.7	1.3	28	236	63	e35	227	23	.32	.31	.00
5	e10	e2.0	1.2	13	107	43	e30	118	15	.25	.38	.00
6	e13	e3.0	1.2	8.1	63	32	e150	75	10	.23	.29	.00
7	e16	4.0	1.2	6.1	37	1570	e75	49	7.0	.37	.22	.00
8	e13	3.5	1.2	5.0	24	2890	e40	32	5.3	.31	.18	.00
9	e10	2.9	1.2	4.4	19	305	24	25	4.2	.24	.11	.00
10	e8.5	2.7	1.2	3.8	e100	166	64	18	3.5	.18	.11	.05
11	e7.0	2.6	1.2	3.4	e70	114	47	13	2.9	.17	.11	.07
12	e6.0	2.5	1.2	3.1	e45	180	29	231	2.3	.34	.08	.07
13	e5.0	2.4	1.2	2.8	e25	142	20	112	2.0	.42	.08	.07
14	e4.5	2.3	1.2	2.7	e16	160	22	55	1.8	.39	.08	.07
15	e4.0	2.3	1.2	2.6	e500	404	15	32	1.6	.32	.08	.07
16	e3.5	2.1	1.2	2.4	e200	168	28	20	1.5	.26	.06	.05
17	e6.0	2.1	1.2	92	e110	104	122	15	1.4	.21	.04	.02
18	e4.5	2.1	1.2	73	e60	68	89	10	1.3	.20	.04	.02
19	e3.0	1.9	1.2	e573	e45	48	49	654	1.1	.18	.04	.05
20	e2.5	1.9	1.2	e180	e35	30	57	680	.98	.15	.04	.17
21	e2.2	2.0	1.2	58	47	21	378	206	.91	.15	e.00	.15
22	e2.0	2.0	1.2	59	216	16	692	107	.95	.15	e.00	1.0
23	e1.9	2.2	1.2	57	118	12	249	63	.92	.15	e.00	1.2
24	e1.9	2.2	1.2	37	76	9.1	108	37	.87	.15	e.00	1.0
25	e1.8	2.1	1.1	25	50	9.3	67	23	.76	.15	e.00	.82
26	e1.8	2.1	1.1	17	35	11	78	16	.69	.15	e.00	.70
27	e1.8	2.1	1.0	13	25	e20	456	62	.69	.13	e.00	.62
28	e1.7	2.1	1.0	13	23	e50	364	63	.66	.11	.00	.54
29	e1.7	1.8	1.1	45	---	e200	133	35	.60	.10	.00	.54
30	e1.6	1.5	2.1	29	---	e350	80	24	.57	.08	.00	2.8
31	e1.6	---	5.9	24	---	e220	---	26	---	.11	.00	---
Total	222.5	66.7	42.5	1,393.6	3,998	7,882.4	3,781	4,585	178.50	7.24	2.70	10.08
Mean	7.18	2.22	1.37	45.0	143	254	126	148	5.95	.23	.087	.34
Maximum	35	4.0	5.9	573	732	2,890	692	828	34	.49	.38	2.8
Minimum	1.6	1.5	1.0	2.4	16	9.1	15	10	.57	.08	.00	.00
Acre-feet	441	132	84	2,760	7,930	15,630	7,500	9,090	354	14	5.4	20

Table 7.--Daily mean discharge for Alum Fork Saline River near Reform, Arkansas (07362587)--Continued

Water year October 1990 to September 1991

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	1.9	8.4	11	e130	13	369	5.2	86	11	e0.20	0.00	0.00
2	1.4	8.0	28	95	11	206	4.6	51	7.8	e.20	.00	.01
3	1.4	7.6	182	72	10	111	29	328	5.5	.15	.00	.72
4	62	7.9	74	55	9.3	76	175	156	4.3	.24	.00	e1.4
5	11	8.7	43	52	19	56	57	114	3.6	.16	.00	e25
6	5.7	8.6	27	787	108	45	39	70	3.5	.12	.00	16
7	6.2	8.2	18	354	76	37	33	46	2.8	.10	.00	4.5
8	152	8.3	12	154	54	32	28	35	2.2	.07	.00	2.6
9	953	35	9.4	96	43	27	37	30	1.8	.04	.00	1.8
10	150	28	7.1	466	37	24	34	51	1.5	.01	.00	1.7
11	65	17	5.9	400	31	22	29	35	1.3	.00	.00	1.4
12	41	11	5.0	173	27	21	531	28	1.5	.00	.00	1.1
13	28	7.2	4.4	104	27	19	1,590	23	1.5	.00	.00	.92
14	21	4.9	3.8	74	24	17	597	19	1.2	.00	.00	.78
15	17	3.0	4.0	256	20	14	236	18	1.2	.00	.00	.67
16	15	2.8	4.3	191	18	12	126	26	3.1	.00	.00	.83
17	13	2.7	74	e100	19	13	80	20	2.5	.00	.00	1.9
18	12	2.4	991	73	24	15	58	13	3.7	.00	.00	2.2
19	10	2.3	237	69	44	11	42	10	2.1	.00	.00	2.7
20	10	2.0	116	61	39	9.3	33	31	1.4	.00	.00	2.3
21	11	1.9	e5,800	53	36	8.4	27	38	.95	.00	.00	1.7
22	21	2.3	e900	48	650	7.8	26	31	.77	.00	.00	1.4
23	18	2.4	e250	41	305	7.6	23	25	1.7	.00	.00	1.6
24	15	2.2	e150	33	140	6.9	19	24	1.5	.00	.00	1.7
25	13	1.8	e90	28	92	6.1	16	265	e1.1	.00	.00	1.5
26	12	1.6	e70	25	65	5.6	14	99	e.80	.00	.00	1.2
27	11	3.7	e120	24	49	5.1	2,750	50	e.50	.00	.00	1.0
28	10	55	e170	22	42	5.0	731	34	.38	.00	.00	.90
29	9.8	23	e230	20	---	5.6	710	26	e.30	.00	.00	.81
30	9.1	15	e400	19	---	6.6	168	21	e.30	.00	.00	.73
31	8.7	---	e220	15	---	6.1	---	17	---	.00	.00	---
Total	1,715.2	292.9	10,256.9	4,090	2,032.3	1,207.1	8,247.8	1,820	71.80	1.29	0.00	81.07
Mean	55.3	9.76	331	132	72.6	38.9	275	58.7	2.39	.042	.000	2.70
Maximum	953	55	5,800	787	650	369	2,750	328	11	.24	.00	25
Minimum	1.4	1.6	3.8	15	9.3	5.0	4.6	10	.30	.00	.00	.00
Acre-feet	3,400	581	20,340	8,110	4,030	2,390	16,360	3,610	142	2.6	.00	161

Table 7.--Daily mean discharge for Alum Fork Saline River near Reform, Arkansas (07362587)--Continued

Water year October 1991 to September 1992

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	.63	297	912	e65	14	37	20	2.2	1.2	40	e6.0	0.46
2	.61	74	389	e50	13	31	17	2.0	74	27	e4.0	.77
3	.50	35	184	e45	11	27	15	1.8	120	25	3.2	.91
4	.46	21	103	e35	10	25	14	1.6	28	18	7.3	.84
5	.42	14	68	e28	9.3	27	12	1.4	15	27	15	.72
6	.41	9.1	48	e24	8.7	34	12	1.2	16	27	12	.64
7	.36	6.3	34	e20	8.1	30	13	1.1	18	16	7.4	.56
8	.34	4.8	28	e21	7.4	27	11	.98	12	11	5.3	.49
9	.34	3.8	1,630	25	6.9	e90	9.7	.89	23	8.0	3.8	.43
10	.34	3.1	206	21	6.3	268	8.7	.81	31	6.0	3.6	.40
11	.29	2.7	e140	20	7.8	128	7.8	.77	127	4.8	3.4	.41
12	.25	2.3	e92	22	100	89	7.2	.99	95	3.9	3.4	.38
13	.21	2.0	e300	e60	70	65	6.7	.95	90	3.3	2.8	.36
14	.18	1.8	e200	188	e140	52	6.2	.85	50	2.8	2.4	.33
15	.18	1.8	e140	e125	e190	40	5.7	.78	98	2.6	2.0	.29
16	.18	2.5	e100	77	e140	32	5.3	.73	50	2.8	1.7	.26
17	.18	519	e85	56	e100	27	5.0	.73	28	16	1.4	.24
18	.18	371	e72	38	72	e400	4.8	.73	18	7.7	1.3	.22
19	.15	1,940	e65	25	56	e250	4.7	e.95	261	4.7	1.2	.22
20	.14	493	e55	21	45	92	12	.95	326	3.6	1.1	.36
21	.14	135	e100	19	37	67	10	.83	90	11	.99	1.2
22	.14	73	e85	e19	31	71	7.1	.78	47	27	.87	2.9
23	.14	42	e170	e23	66	69	5.4	1.5	29	25	.84	2.5
24	.14	26	e150	e31	53	58	4.6	1.3	20	18	.81	1.8
25	12	18	e120	e27	59	59	3.9	1.1	14	11	.72	1.5
26	73	13	e105	e23	108	47	3.4	.95	11	7.1	.68	1.3
27	19	9.6	e93	21	80	38	3.1	.86	8.8	5.8	.66	1.2
28	17	7.3	e95	20	61	32	2.8	.90	7.8	5.0	.62	1.1
29	531	8.3	e120	18	48	29	2.6	2.4	62	54	.56	.96
30	246	233	e80	17	---	26	2.4	2.0	75	17	.51	.87
31	216	---	e70	15	---	21	---	1.4	---	e9.0	.45	---
Total	1,120.91	4,369.4	6,039	1,199	1,558.5	2,288	243.1	36.43	1,845.8	447.1	96.01	24.62
Mean	36.2	146	195	38.7	53.7	73.8	8.10	1.18	61.5	14.4	3.10	.82
Maximum	531	1,940	1,630	188	190	400	20	2.4	326	54	15	2.9
Minimum	.14	1.8	28	15	6.3	21	2.4	.73	1.2	2.6	.45	.22
Acre-feet	2,220	8,670	11,980	2,380	3,090	4,540	482	72	3,660	887	190	49

Table 8.--Daily mean elevation for Alum Fork Saline River at Winona Dam at Reform, Arkansas (07362591)

[elevation in feet above datum (700 feet above sea level); e, estimated; ---, no data]

	Water year October 1988 to September 1989											
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	---	---	---	---	---	---	---	---	---	---	---	38.62
2	---	---	---	---	---	---	---	---	---	---	---	40.04
3	---	---	---	---	---	---	---	---	---	---	---	40.29
4	---	---	---	---	---	---	---	---	---	---	---	40.20
5	---	---	---	---	---	---	---	---	---	---	---	40.13
6	---	---	---	---	---	---	---	---	---	---	---	40.08
7	---	---	---	---	---	---	---	---	---	---	39.73	40.03
8	---	---	---	---	---	---	---	---	---	---	39.65	39.98
9	---	---	---	---	---	---	---	---	---	---	39.57	39.97
10	---	---	---	---	---	---	---	---	---	---	39.49	40.05
11	---	---	---	---	---	---	---	---	---	---	39.41	40.05
12	---	---	---	---	---	---	---	---	---	---	39.33	40.04
13	---	---	---	---	---	---	---	---	---	---	39.26	39.98
14	---	---	---	---	---	---	---	---	---	---	39.18	39.91
15	---	---	---	---	---	---	---	---	---	---	39.11	39.87
16	---	---	---	---	---	---	---	---	---	---	39.05	39.82
17	---	---	---	---	---	---	---	---	---	---	39.07	39.77
18	---	---	---	---	---	---	---	---	---	---	39.01	39.72
19	---	---	---	---	---	---	---	---	---	---	38.94	39.66
20	---	---	---	---	---	---	---	---	---	---	38.87	39.60
21	---	---	---	---	---	---	---	---	---	---	38.80	39.54
22	---	---	---	---	---	---	---	---	---	---	38.73	39.47
23	---	---	---	---	---	---	---	---	---	---	38.74	39.39
24	---	---	---	---	---	---	---	---	---	---	38.81	39.30
25	---	---	---	---	---	---	---	---	---	---	38.80	39.23
26	---	---	---	---	---	---	---	---	---	---	38.88	39.15
27	---	---	---	---	---	---	---	---	---	---	38.85	39.07
28	---	---	---	---	---	---	---	---	---	---	38.79	39.00
29	---	---	---	---	---	---	---	---	---	---	38.73	38.96
30	---	---	---	---	---	---	---	---	---	---	38.70	38.96
31	---	---	---	---	---	---	---	---	---	---	38.66	---
Mean	---	---	---	---	---	---	---	---	---	---	---	39.66
Maximum	---	---	---	---	---	---	---	---	---	---	---	40.29
Minimum	---	---	---	---	---	---	---	---	---	---	---	38.62

Table 8.--Daily mean elevation for Alum Fork Saline River at Winona Dam at Reform, Arkansas (07362591)--Continued

Water year October 1989 to September 1990

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	39.00	37.12	---	33.49	40.35	40.23	40.32	---	40.07	38.44	36.45	34.22
2	39.00	37.04	---	33.45	40.69	40.26	40.21	---	40.06	38.36	36.38	34.13
3	38.97	36.97	---	33.43	41.01	40.21	40.14	---	40.07	38.29	36.33	34.05
4	38.92	36.89	---	33.59	40.65	40.15	40.09	---	40.06	38.21	36.27	33.97
5	38.87	36.84	---	33.68	40.38	40.11	40.08	---	40.02	38.13	36.22	33.89
6	38.82	36.97	---	33.71	40.26	40.08	40.29	---	39.99	38.07	36.14	33.82
7	38.77	36.95	---	33.71	40.19	40.44	40.30	---	39.95	38.07	36.05	33.74
8	38.72	36.91	---	33.69	40.13	41.97	40.21	---	39.91	38.00	35.97	33.69
9	38.65	36.85	---	33.66	40.11	40.72	40.15	---	39.86	37.92	35.89	33.63
10	38.59	36.79	---	33.62	40.18	40.39	40.19	---	39.80	37.85	35.81	33.56
11	38.53	36.72	---	33.58	40.18	40.27	40.20	---	---	37.78	35.74	33.52
12	38.47	36.66	---	33.53	40.14	40.24	40.16	---	---	37.76	35.67	33.46
13	38.41	36.60	---	33.47	40.10	40.24	40.12	---	---	37.68	35.63	33.40
14	38.34	36.54	---	33.41	40.08	40.22	40.12	---	---	37.60	35.58	33.33
15	38.27	36.49	34.44	33.37	40.57	40.42	40.10	---	---	37.52	35.51	33.26
16	38.23	36.40	34.36	33.32	40.53	40.33	40.12	40.09	---	37.44	35.44	33.17
17	38.19	36.32	34.29	33.54	40.31	40.23	40.24	40.05	---	37.37	35.36	33.09
18	38.11	36.25	34.21	34.21	40.21	40.16	40.31	40.03	---	37.30	35.29	33.01
19	38.02	36.18	34.15	36.16	40.15	40.12	40.24	40.59	---	37.23	---	32.96
20	37.94	36.11	34.08	38.20	40.10	40.08	40.20	41.19	---	37.17	---	32.98
21	37.86	36.04	34.01	---	40.09	40.05	40.49	40.64	---	37.14	---	32.93
22	37.79	36.00	33.92	38.86	40.25	40.02	---	40.36	---	37.08	---	32.88
23	37.73	35.94	33.84	38.97	40.23	39.99	---	40.23	38.98	37.02	---	32.79
24	37.67	35.87	33.77	39.04	40.17	39.97	---	40.15	38.90	36.95	34.81	32.69
25	37.61	35.80	33.70	39.08	40.11	39.97	---	40.09	38.82	36.89	34.75	32.60
26	37.54	35.75	33.63	39.07	40.08	39.97	---	40.05	38.76	36.83	34.71	32.52
27	37.47	35.69	33.57	39.07	40.06	39.96	---	40.11	38.73	36.76	34.64	32.45
28	37.40	35.62	33.50	39.08	40.05	40.25	---	40.16	38.66	36.69	34.56	32.37
29	37.32	35.55	33.47	39.15	---	40.58	---	40.13	38.58	36.62	34.47	32.30
30	37.26	---	33.47	39.21	---	40.61	---	40.09	38.51	36.58	34.39	32.22
31	37.20	---	33.50	39.25	---	40.48	---	40.08	---	36.52	34.30	---
Mean	38.18	---	---	---	40.26	40.28	---	---	---	37.46	---	33.22
Maximum	39.00	---	---	---	41.01	41.97	---	---	---	38.44	---	34.22
Minimum	37.20	---	---	---	40.05	39.96	---	---	---	36.52	---	32.22

Table 8.--Daily mean elevation for Alum Fork Saline River at Winona Dam at Reform, Arkansas (07362591)--Continued

Water year October 1990 to September 1991

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	32.15	34.15	33.00	40.32	39.87	40.28	39.03	40.25	39.87	38.11	35.97	33.78
2	32.08	34.08	33.00	40.24	39.83	40.42	38.97	40.13	39.81	38.05	35.89	33.74
3	32.03	34.02	33.32	40.19	39.79	40.26	38.94	40.21	39.75	37.99	35.81	33.73
4	32.22	33.97	33.49	40.15	39.76	40.16	39.13	40.25	39.70	37.96	35.73	33.78
5	32.21	33.93	33.55	40.14	39.77	40.11	39.23	40.19	39.65	37.88	35.66	33.85
6	32.14	33.85	33.58	40.86	39.90	40.08	39.26	40.12	39.60	37.81	35.58	33.87
7	32.11	33.77	33.58	40.81	40.03	40.03	39.27	40.06	39.52	37.73	35.49	33.84
8	32.29	33.71	33.57	40.45	40.07	40.00	39.27	40.02	39.45	37.66	35.41	33.78
9	33.93	33.75	33.54	40.29	40.07	39.97	39.32	39.99	39.38	37.58	35.34	33.71
10	34.98	33.77	33.51	40.61	40.06	39.93	39.35	40.06	39.31	37.50	35.26	33.65
11	35.13	33.76	33.47	40.69	40.04	39.91	39.36	40.06	39.24	37.42	35.18	33.58
12	35.17	33.73	33.42	40.46	40.02	39.89	39.95	40.02	39.19	37.34	35.09	33.51
13	35.16	33.69	33.38	40.30	40.01	39.84	40.79	39.99	39.14	37.27	35.01	33.43
14	35.13	33.65	33.33	40.22	39.94	39.78	41.29	39.95	39.08	37.20	34.94	33.36
15	35.09	33.59	33.30	40.30	39.80	39.73	40.56	39.93	39.03	37.12	34.85	33.28
16	35.04	33.54	33.26	40.42	39.74	39.69	40.31	39.96	39.05	37.03	34.77	33.22
17	34.99	33.48	33.30	40.30	39.74	39.68	40.19	39.95	39.00	36.95	34.70	33.18
18	34.95	33.42	35.07	40.22	39.74	39.65	40.12	39.91	38.94	36.88	34.62	33.12
19	34.87	33.36	36.19	40.19	39.81	39.61	40.07	39.87	38.88	36.80	34.55	33.06
20	34.80	33.30	36.46	40.16	39.85	39.57	40.01	39.86	38.83	36.72	34.46	32.97
21	34.78	33.24	38.98	40.12	39.88	39.53	39.97	39.87	38.76	36.66	34.42	32.88
22	34.77	33.22	40.69	40.09	40.35	39.50	39.95	39.86	38.69	36.58	34.37	32.81
23	34.73	33.17	40.43	40.08	40.67	39.46	39.93	39.85	38.67	36.50	34.30	32.77
24	34.68	33.11	40.26	40.06	40.35	39.41	39.90	39.84	38.61	36.44	34.22	32.70
25	34.62	33.05	40.18	40.04	40.22	39.35	39.87	40.11	38.54	36.44	34.14	32.62
26	34.55	32.99	40.14	40.01	40.14	39.31	39.85	40.19	38.47	36.37	34.10	32.54
27	34.49	32.98	40.19	39.99	40.09	39.27	41.67	40.12	38.40	36.30	34.05	32.47
28	34.42	33.03	40.24	39.98	40.05	39.22	40.95	40.06	38.32	36.27	33.98	32.39
29	34.35	33.04	40.45	39.96	---	39.19	41.21	40.00	38.25	36.21	33.92	32.31
30	34.29	33.02	40.62	39.93	---	39.14	40.49	39.95	38.18	36.13	33.88	32.23
31	34.22	---	40.50	39.90	---	39.09	---	39.91	---	36.05	33.85	---
Mean	34.08	33.51	36.06	40.24	39.99	39.71	39.94	40.02	39.04	37.06	34.82	33.21
Maximum	35.17	34.15	40.69	40.86	40.67	40.42	41.67	40.25	39.87	38.11	35.97	33.87
Minimum	32.03	32.98	33.00	39.90	39.74	39.09	38.94	39.84	38.18	36.05	33.85	32.23

Table 8.--Daily mean elevation for Alum Fork Saline River at Winona Dam at Reform, Arkansas (07362591)--Continued

Water year October 1991 to September 1992

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	32.16	30.32	41.02	---	39.85	40.08	39.96	38.83	37.08	40.06	39.55	37.56
2	32.08	30.34	40.80	40.05	39.82	40.06	39.93	38.77	37.09	40.04	39.49	37.53
3	32.01	30.34	40.56	40.03	39.78	40.03	39.90	38.71	37.57	40.03	39.44	37.51
4	31.93	30.34	40.36	40.01	39.75	40.03	39.87	38.64	37.67	39.98	39.41	37.45
5	31.87	30.34	40.27	39.98	39.71	40.03	---	38.58	37.67	39.97	39.40	37.37
6	31.79	32.82	40.21	39.97	39.66	40.06	39.81	38.50	37.67	39.96	39.39	37.30
7	31.71	34.74	40.17	39.94	39.62	40.05	39.80	38.43	37.66	39.93	39.35	37.22
8	31.62	34.71	40.15	39.94	39.58	40.03	39.76	38.36	37.63	39.87	39.30	37.15
9	31.54	34.67	41.44	39.91	39.53	40.31	39.73	38.29	37.61	39.82	39.25	37.07
10	31.46	34.62	40.74	39.88	39.48	40.81	39.69	38.22	37.67	39.75	39.20	37.00
11	31.38	34.57	40.42	39.86	39.45	40.42	39.65	38.15	37.86	39.68	39.14	36.93
12	31.30	34.52	40.36	39.85	39.66	40.27	39.61	38.13	38.09	39.60	39.08	36.84
13	31.23	34.47	40.43	40.03	39.84	40.18	39.55	38.07	38.25	39.52	39.01	36.75
14	31.15	34.42	40.33	---	40.10	40.14	39.51	38.01	---	39.44	38.93	36.68
15	31.07	34.39	40.25	40.24	---	40.10	39.46	37.95	---	39.37	38.84	36.60
16	31.00	34.36	40.19	40.18	40.29	40.06	39.41	37.88	---	39.34	38.76	36.52
17	30.91	34.63	40.15	40.15	40.22	40.05	39.36	37.83	---	39.41	38.68	36.45
18	30.83	36.17	40.11	40.12	40.18	41.30	39.32	37.79	20.07	39.37	38.60	36.38
19	30.75	37.49	40.08	40.10	40.13	40.66	---	37.73	38.83	39.30	38.53	36.36
20	30.67	40.63	40.05	---	40.09	40.34	---	37.68	40.46	39.24	38.45	36.29
21	30.59	40.45	40.09	40.05	40.07	40.23	---	35.73	40.32	39.18	38.38	36.28
22	30.51	40.28	40.10	40.05	40.05	40.18	23.76	37.56	40.18	39.32	38.31	36.29
23	30.44	40.17	40.14	40.03	40.10	40.18	39.30	37.54	40.10	---	38.24	36.20
24	30.35	40.09	40.13	39.99	40.11	40.15	39.25	37.53	40.04	---	38.17	36.12
25	30.31	40.06	40.12	39.98	40.10	40.14	39.20	37.46	39.99	---	38.10	36.04
26	30.28	40.03	40.09	39.96	40.15	40.12	39.14	37.40	39.95	---	38.03	35.97
27	30.27	40.00	40.08	39.95	40.16	40.09	39.07	37.32	39.90	---	37.95	35.90
28	30.26	39.98	---	39.94	40.14	40.06	39.01	37.27	39.85	---	37.87	35.83
29	30.22	39.98	---	39.92	40.11	40.05	38.95	37.26	39.87	---	37.79	35.74
30	30.22	40.40	40.08	39.90	---	40.01	38.89	37.20	40.03	25.59	37.71	35.65
31	30.22	---	40.06	39.88	---	39.99	---	37.14	---	39.61	37.63	---
Mean	31.04	36.01	---	---	---	40.20	---	37.87	---	---	38.71	36.63
Maximum	32.16	40.63	---	---	---	41.30	---	38.83	---	---	39.55	37.56
Minimum	30.22	30.32	---	---	---	39.99	---	35.73	---	---	37.63	35.65

Table 9.--Suspended sediment at Maumelle River at Williams Junction, Arkansas (07263295)

[mg/L, milligrams per liter; T/day, tons per day; five-digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Time	Discharge, instantaneous (cubic feet per second) (00061)	Suspended sediment, concentration (mg/L) (80154)	Suspended sediment, discharge (T/day) (80155)
89-05-22	1330	149	21	8.4
89-08-28	1130	2.6	19	.13
89-10-02	1200	39	10	1.0
90-01-19	1345	1,330	56	201
90-01-29	1230	115	5	1.6
90-03-08	1015	1,930	65	339
90-04-02	1200	147	8	3.2
90-08-28	1150	0	6	---
91-02-06	0930	175	17	8
91-04-23	0930	27	10	.72
91-04-27	1045	---	118	---
91-06-04	1245	2.4	2	.01
91-10-29	1330	548	50	74
91-11-06	0945	36	7	.68
92-02-03	1245	15	7	.28
92-03-23	1000	119	7	2.2
92-05-22	1200	---	9	---
92-07-01	1030	---	8	---
92-07-27	1100	---	9	---
92-08-25	1045	---	4	---

Table 10.--Suspended sediment at Maumelle River near Wye, Arkansas (07263296)

[mg/L, milligrams per liter; T/day, tons per day; five-digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Time	Discharge, instantaneous (cubic feet per second) (00061)	Suspended sediment, concentration (mg/L) (80154)	Suspended sediment, discharge (T/day) (80155)
89-05-23	1000	232	23	14
89-08-28	1300	3.5	12	0.11
89-10-02	1345	56	12	1.8
90-01-19	1600	---	72	---
90-01-29	1400	193	9	4.5
90-03-08	1300	2,330	79	497
90-04-02	1330	190	8	4.1
90-08-28	1300	0	---	---

Table 11.--Suspended sediment at Alum Fork Saline River near Reform, Arkansas (07362587)

[mg/L, milligrams per liter; T/day, tons per day; five-digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Time	Discharge, instantaneous (cubic feet per second) (00061)	Suspended sediment, concentration (mg/L) (80154)	Suspended sediment, discharge (T/day) (80155)
89-05-22	1000	23	15	0.94
89-08-28	1000	2.7	22	.16
89-10-02	0930	21	11	.64
90-01-19	1030	---	23	---
90-01-29	0945	53	6	.8
90-03-30	1030	466	6	7.5
90-04-02	0900	65	10	1.7
90-08-28	1000	0	---	---
91-02-05	1100	18	4	.19
91-06-04	1030	4.7	6	.08
91-10-29	1100	626	25	42
92-02-03	1045	11	6	.18
92-05-21	1245	---	4	---
92-08-24	1220	---	4	---

Table 12.--Water column transparency for Lake Maumelle west of Highway 10 bridge near Wye, Arkansas (072632965)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
91-07-08	36	---
91-07-29	30	---
91-08-06	36	---
91-08-27	36	---
91-09-11	54	---
91-10-03	54	---
91-11-06	42	10
92-02-05	54	13
92-02-27	30	8
92-03-24	48	12
92-05-26	42	7.5
92-06-01	36	9
92-06-16	36	8.5
92-07-08	42	9
92-07-28	42	9
92-08-12	36	10
92-08-31	54	11
92-09-24	54	13
92-10-19	48	---

Table 13.--Water column transparency for Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
89-05-25	40	---
89-08-30	52	---
90-01-31	42	---
90-04-04	29	---
90-08-30	54	---
91-01-11	36	---
91-02-06	70	---
91-03-06	48	13
91-04-04	66	16
91-04-24	48	10
91-06-05	66	14
91-06-27	60	17
91-07-29	54	14
91-08-06	54	13
91-08-27	48	12
91-10-03	72	14
91-11-06	54	12
92-01-21	60	15
92-02-05	66	---
92-02-27	48	13
92-03-24	42	11
92-06-01	66	15
92-06-16	54	---
92-07-08	66	13
92-07-28	60	10
92-08-12	60	14
92-08-31	66	14
92-09-24	66	14
92-10-19	66	16

Table 14.--Water column transparency for Lake Maumelle downstream from Yount Creek near Wye, Arkansas (072632972)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
91-06-05	96	---
91-06-27	90	---
91-07-09	84	---
91-08-06	84	---
91-08-27	102	---
91-09-11	126	---
91-10-03	102	---
91-11-06	54	---
92-02-05	78	19
92-03-24	54	12
92-04-27	72	17
92-06-01	90	20
92-06-17	72	19
92-07-08	84	19
92-07-29	108	21
92-08-13	90	21
92-09-01	96	22
92-09-24	60	10
92-10-20	72	16

Table 15.--Water column transparency for Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
89-05-25	53	---
89-08-30	114	---
90-01-31	84	---
90-04-04	29	---
90-07-05	90	---
90-07-10	72	---
90-08-30	102	---
91-07-29	54	---
91-07-30	84	---
91-08-07	72	---
92-07-13	66	---
92-07-13	78	---
92-07-14	72	---
92-07-15	36	---
92-07-21	78	---

Table 16.--Water column transparency for Lake Maumelle near Little Italy, Arkansas (07263299)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
89-05-26	83	---
89-08-30	138	---
90-01-31	106	---
90-04-04	53	---
90-08-31	138	---
91-01-11	54	---
91-02-08	78	18
91-03-06	66	17
91-04-04	72	20
91-04-25	72	18
91-06-05	90	21
91-06-28	84	21
91-08-07	108	22
91-08-28	108	24
91-09-11	120	23
91-10-03	90	19
91-11-07	60	15
92-01-21	78	18
92-02-05	90	---
92-02-05	90	21
92-03-25	54	14
92-04-28	78	18
92-06-02	96	20
92-06-17	132	25
92-07-09	114	20
92-07-29	108	22
92-08-13	108	25
92-09-01	84	21
92-09-25	60	8
92-10-20	66	14

Table 17.--Water column transparency for Lake Maumelle near Pinnacle, Arkansas (072632992)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
91-06-07	78	---
91-06-28	96	---
91-07-10	108	---
91-08-08	120	---
91-08-28	126	---
91-09-11	156	---
91-10-04	84	---
92-02-06	84	21
92-03-25	72	18
92-04-28	84	19
92-06-02	84	16
92-06-17	132	27
92-07-09	120	23
92-07-30	114	24
92-08-13	120	26
92-09-03	110	22
92-09-28	48	9
92-10-21	72	14

Table 18.--Water column transparency for Lake Maumelle near Natural Steps, Arkansas (072632995)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
89-05-26	84	---
89-08-30	142	---
90-01-31	126	---
90-04-04	54	---
90-06-25	96	---
90-08-31	132	---
91-01-11	72	---
91-02-08	78	18
91-03-06	66	18
91-04-04	72	18
91-04-23	96	19
91-06-07	78	19
91-06-27	84	20
91-08-08	120	25
91-08-28	138	23
91-09-11	156	26
91-10-04	84	18
91-11-07	60	15
92-01-21	84	19
92-02-06	90	21
92-03-23	84	18
92-04-28	84	19
92-06-02	102	20
92-06-17	144	29
92-07-10	126	22
92-07-30	108	26
92-08-13	120	26
92-09-03	102	20
92-09-28	60	11
92-10-21	72	14

Table 19.--Water column transparency for Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
89-05-23	86	---
89-08-29	110	---
90-01-30	72	---
90-04-03	48	---
90-08-27	77	---

Table 20.--Water column transparency for Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
89-05-24	96	---
89-08-29	145	---
90-01-30	82	---
90-04-03	78	---
90-08-27	132	---

Table 21.--Water column transparency for Lake Winona at Reform, Arkansas (07362590)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Secchi-disk transparency (inches below surface) (00077)	Euphotic zone feet below surface) (00034)
89-05-24	96	---
89-08-29	148	---
90-01-30	78	---
90-04-03	78	---
90-08-29	160	---
91-02-05	70	14
91-06-03	62	13
91-09-06	132	21
92-02-04	96	19
92-06-15	96	23
92-09-09	132	27

Table 22.--Physicochemical values, Maumelle River at Williams Junction, Arkansas (07263295)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; --, no data]

Date	Time	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-22	1330	21.5	25	5.7	7.9	91
89-08-28	1130	27.5	32	6.9	5.2	67
89-10-02	1200	18.5	28	6.6	8.2	88
90-01-19	1345	8.0	23	6.0	11.2	96
90-01-29	1230	7.0	26	6.4	11.5	96
90-03-08	1015	11.0	18	6.1	9.5	87
90-04-02	1200	13.5	20	6.4	9.5	92
90-08-28	1150	28.5	44	6.4	3.9	51
91-01-09	1230	8.0	15	6.3	11.9	102
91-02-06	0930	10.0	21	5.8	11.0	98
91-03-07	1035	11.5	21	6.6	9.9	92
91-04-05	1230	18.0	26	6.0	7.1	76
91-04-23	0930	14.0	38	8.1	9.8	97
91-04-27	1045	16.5	26	5.2	9.1	95
91-05-23	1355	26.0	25	6.6	7.4	93
91-06-04	1245	27.5	26	6.0	6.0	78
91-06-28	1430	28.0	33	6.3	6.6	86
91-07-08	1330	29.0	38	6.0	5.3	70
91-07-29	1345	28.5	39	6.0	4.6	---
91-08-29	1330	27.0	42	6.1	5.4	69
91-10-29	1330	18.5	24	5.3	8.6	93
91-11-06	0945	7.5	16	6.3	10.9	91
92-02-03	1245	10.5	23	6.0	10.9	97
92-03-23	1000	9.5	17	6.9	11.0	96
92-05-22	1200	23.0	32	6.3	6.8	79
92-07-01	1030	23.5	26	6.1	7.1	85
92-07-27	1100	26.0	25	5.9	6.6	81
92-08-25	1045	24.0	30	6.0	6.7	80

Table 23.--Physicochemical values, Maumelle River near Wye, Arkansas (07263296)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-23	1000	21.5	29	5.8	7.8	89
89-08-28	1300	28.5	40	7.1	6.3	82
89-10-02	1345	19.0	32	6.6	8.4	91
90-01-19	1600	8.0	24	6.1	9.8	84
90-01-29	1400	8.0	31	6.6	11.8	101
90-03-08	1300	12.0	16	6.3	9.5	89
90-04-02	1330	14.5	25	6.4	10.1	100
90-08-28	1300	30.5	70	6.3	6.8	92

Table 24.--Physicochemical values, Lake Maumelle west of Highway 10 bridge near Wye, Arkansas (072632965)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-07-08	1105	0	31.5	25	6.0	7.0	96
	1106	5	30.5	24	6.0	6.5	88
	1107	10	29.0	30	5.5	.4	6
	1108	12	26.5	46	5.8	.3	3
	1109	14	26.0	55	6.0	.2	3
	1110	16	25.5	68	6.1	.2	3
	1111	19	25.0	98	6.3	.2	3
91-07-29	1230	0	29.5	23	5.7	7.2	95
	1231	5	29.0	23	5.8	7.2	94
	1232	10	28.0	24	5.6	4.5	58
	1233	15	27.5	27	5.5	1.4	18
	1234	19	27.0	39	5.7	.3	4
91-08-06	1020	0	30.5	26	6.2	6.7	90
	1021	5	29.5	24	7.4	4.9	65
	1022	10	28.5	25	7.4	1.6	21
	1023	15	27.0	44	7.4	.8	10
91-08-27	0935	0	27.5	29	5.9	6.9	88
	0936	5	27.0	29	4.0	6.9	87
	0937	10	27.0	29	5.9	6.2	78
	0938	15	26.5	30	5.7	2.7	34
	0939	17	26.0	51	5.9	.3	3
91-09-11	0950	0	29.0	24	6.6	7.3	96
	0951	5	29.0	25	6.6	6.6	87
	0952	7	28.0	26	6.4	5.9	77
	0953	8	27.5	27	6.3	4.6	58
	0954	9	27.0	28	6.3	4.3	55
	0955	10	27.0	29	6.2	3.2	40
	0956	11	26.5	30	6.1	2.0	24
	0957	12	26.0	31	6.1	.8	9
	0958	13	25.5	32	6.1	.4	5
	0959	15	25.5	36	6.1	.1	1
	1000	17	25.0	44	6.2	.1	1
91-10-03	0940	0	23.0	25	5.9	7.7	91
	0941	5	22.5	26	5.8	6.9	80
	0942	10	22.0	26	5.6	5.3	61
	0943	12	21.5	28	5.6	4.2	49
	0944	14	21.0	29	5.6	3.4	38
	0945	16	20.5	31	5.6	2.5	28
	0946	17	20.5	32	5.6	1.9	21
91-11-06	1100	0	10.0	18	6.5	9.7	86
	1101	5	8.5	18	6.4	9.6	83
	1102	10	8.5	18	6.3	9.7	83
	1103	15	8.0	18	6.3	9.7	82
	1104	19	8.0	18	6.3	9.7	82
92-02-05	0940	0	9.0	25	6.3	10.9	94
	0941	5	9.0	25	6.4	10.9	94
	0942	10	9.0	24	6.5	10.9	94
	0943	15	9.0	25	6.4	10.9	94
	0944	20	8.5	24	6.4	10.9	94
92-02-27	1050	0	18.5	24	6.4	7.7	82
	1051	5	18.5	24	6.5	7.7	82
	1052	10	17.5	25	6.3	6.4	67
	1053	14	16.5	25	6.1	4.0	41
92-03-24	0945	0	12.0	18	6.7	10.0	93
	0946	5	12.0	18	6.6	9.9	92
	0948	10	11.0	19	6.6	10.1	91
	0949	15	11.0	19	6.6	10.1	91
	0951	20	10.5	19	6.6	10.3	93

Table 24.--Physicochemical values, Lake Maumelle west of Highway 10 bridge near Wye, Arkansas (072632965)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-05-26	1230	0	23.5	26	5.7	6.9	81
	1231	5	22.5	27	5.7	6.0	70
	1232	10	22.0	28	5.6	4.0	46
	1233	15	21.0	33	5.6	.7	8
	1234	18	20.5	39	5.7	.6	7
92-06-01	1145	0	22.5	26	6.3	8.0	92
	1146	5	22.0	22	6.3	7.5	87
	1147	10	19.5	23	6.1	3.7	40
	1148	15	18.5	22	6.0	3.6	39
	1149	20	18.5	23	6.1	3.5	37
92-06-16	1225	0	27.5	23	6.5	7.7	99
	1226	5	26.5	23	6.4	6.6	82
	1227	10	22.5	24	6.3	6.6	77
	1228	15	22.0	24	6.1	5.8	67
92-07-08	1115	0	29.0	28	5.9	6.3	82
	1116	5	28.5	27	6.0	6.3	81
	1117	7	27.5	27	5.7	4.6	59
	1118	8	27.0	27	5.6	3.9	49
	1119	9	27.0	28	5.6	2.6	33
	1120	10	26.0	29	5.5	.8	9
	1121	11	25.5	31	5.5	.3	4
	1122	12	25.0	35	5.6	.3	4
	1123	14	24.5	39	5.7	.3	4
	1124	16	24.0	52	5.9	.3	4
	1125	19	23.5	62	6.1	.3	4
92-07-28	1030	0	29.5	26	6.3	7.2	95
	1031	3	28.0	26	5.8	4.9	63
	1032	10	26.5	26	5.8	4.0	50
	1033	12	26.0	26	5.7	3.6	45
	1034	14	25.0	28	5.6	1.8	23
	1035	15	25.0	29	5.6	1.5	18
	1036	17	24.5	28	5.6	1.3	16
92-08-12	1125	0	28.5	26	5.9	7.0	90
	1126	5	28.5	27	6.0	6.6	85
	1127	10	27.5	28	5.9	4.6	59
	1128	14	26.5	32	5.7	2.3	28
	1129	16	25.5	35	5.6	.7	9
	1130	18	25.5	36	5.6	.6	7
	1131	19	25.0	39	5.6	.2	2
92-08-31	1110	0	27.5	24	6.1	6.7	86
	1111	5	27.0	24	6.1	6.2	78
	1112	10	26.0	26	5.8	2.1	26
	1113	12	27.0	27	5.7	.9	12
	1114	13	26.0	27	5.7	.5	6
92-09-24	1045	0	23.0	29	6.5	7.5	88
	1046	5	23.0	30	6.5	7.4	86
	1047	10	22.5	22	6.4	7.2	83
	1048	14	21.5	23	6.3	6.9	78
92-10-19	1055	0	17.5	28	6.8	8.8	91
	1056	0	17.5	28	6.8	8.8	91
	1057	0	17.5	27	6.8	8.7	91
	1058	9	17.5	27	6.8	8.7	91

Table 25.--Physicochemical values, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-25	1020	0	22.5	26	5.9	6.8	80
	1022	2	22.5	26	5.8	6.6	78
	1024	4	21.5	26	5.8	6.4	74
	1026	10	20.5	26	5.8	6.1	69
	1028	16	20.0	26	5.7	5.4	60
	1030	20	19.5	32	5.7	2.9	32
89-08-30	0900	0	29.5	28	5.8	6.2	82
	0902	2	29.5	28	5.8	6.1	81
	0904	3	29.5	28	5.8	6.1	80
	0906	10	29.5	27	5.8	6.0	79
	0908	14	28.5	30	5.5	2.0	26
	0910	16	27.5	37	5.6	.2	3
	0912	17	27.0	40	5.9	.2	2
	0914	18	25.5	75	6.0	.1	2
90-01-31	0900	0	8.0	25	6.3	11.0	93
	0902	2	8.0	25	6.4	11.0	93
	0904	3	8.0	26	6.5	10.9	92
	0906	10	8.0	26	6.5	10.9	92
	0908	14	8.0	26	6.5	10.9	92
	0910	18	8.0	26	6.5	10.9	92
90-04-04	1010	0	14.5	22	6.4	9.9	98
	1012	2	14.0	22	6.4	9.9	97
	1014	4	14.0	22	6.4	9.6	94
	1016	10	13.0	23	6.4	9.2	89
	1018	16	12.5	23	6.3	8.9	85
	1020	20	12.5	23	6.2	8.2	78
90-08-30	0945	0	29.5	26	5.7	6.3	84
	0947	1	30.0	26	5.8	5.9	79
	0948	2	30.0	26	5.9	5.9	79
	0949	4	30.0	26	5.9	5.5	74
	0950	5	30.0	26	5.9	5.8	78
	0952	10	30.0	26	5.9	5.5	74
	0956	12	30.0	25	5.9	5.4	72
	0957	14	30.0	26	5.9	5.3	71
	0958	15	28.5	30	5.6	.3	4
	1000	16	27.5	40	5.7	.1	2
	1001	17	27.0	49	5.8	.1	2
	1002	18	26.5	58	5.9	.1	1
	1004	19	25.5	65	6.1	.1	2
91-01-11	1111	0	7.5	17	7.5	11.8	99
	1112	5	7.0	18	7.5	11.7	98
	1113	10	7.0	18	7.4	11.6	96
	1114	15	7.0	18	7.3	11.7	97
	1115	20	7.0	18	7.3	11.6	96
91-02-06	1315	0	10.0	21	6.0	11.8	104
	1316	6	9.5	22	6.2	11.4	100
	1317	10	8.5	22	6.1	11.2	96
	1318	15	8.0	23	6.1	10.8	91
	1319	19	7.0	22	6.0	10.7	88
	1320	24	7.0	21	6.1	10.6	88
91-03-06	0955	0	11.0	21	6.3	10.2	95
	0956	5	11.0	21	6.3	9.5	88
	0957	10	11.0	21	6.2	9.6	89
	0958	15	11.0	21	6.3	9.3	87
	0959	20	11.0	21	6.3	9.4	88
	1000	23	11.0	21	6.4	9.4	88

Table 25.--Physicochemical values, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-04-04	0950	0	16.0	23	6.5	10.2	103
	0951	2	15.5	23	6.4	9.7	97
	0952	5	15.0	24	6.5	9.7	96
	0953	8	14.5	22	6.4	9.5	93
	0954	12	14.5	22	6.4	9.4	92
	0955	15	14.5	23	6.4	9.4	92
	0956	18	14.5	23	6.3	9.1	89
	0957	21	14.0	23	6.2	8.9	86
91-04-24	1000	0	17.0	35	5.9	8.0	83
	1001	5	17.0	33	5.9	8.0	83
	1002	10	17.0	32	5.9	7.9	82
	1003	15	16.5	32	5.8	5.8	60
	1004	18	16.5	32	5.8	5.5	57
91-06-05	0947	0	28.0	24	5.9	7.7	99
	0948	5	28.0	24	6.2	7.6	99
	0949	8	27.5	24	6.2	7.6	97
	0950	11	27.0	24	6.1	6.8	86
	0951	12	26.5	24	5.8	5.8	73
	0952	13	26.0	24	5.8	5.2	64
	0953	14	25.0	26	5.6	4.4	54
	0954	15	24.5	25	5.6	4.3	52
	0955	17	24.0	28	5.6	2.3	27
	0956	19	23.0	30	5.6	.9	11
	0957	21	22.0	31	5.6	.7	8
91-06-27	0915	0	29.0	24	6.1	7.5	97
	0916	5	29.5	23	6.2	7.4	98
	0917	10	29.5	22	6.3	7.4	97
	0918	15	29.5	22	6.3	7.2	94
	0919	17	29.0	22	6.0	5.1	67
	0920	19	27.5	25	5.6	7.8	99
91-07-08	0937	0	30.0	24	6.6	7.8	104
	0938	5	30.0	24	6.6	7.7	103
	0939	10	29.5	25	6.6	7.6	100
	0940	12	29.5	25	5.6	5.2	69
	0941	13	29.0	26	5.5	3.1	41
	0942	14	29.0	27	5.4	1.8	23
	0943	15	28.5	29	5.3	.6	7
	0944	16	28.0	30	5.3	.3	3
	0945	17	27.0	35	5.5	.2	3
	0946	18	26.0	37	5.6	.2	3
	0947	20	24.5	52	6.0	.2	3
91-07-29	1030	0	28.5	23	6.1	7.4	97
	1031	5	28.5	24	6.1	7.5	97
	1032	10	28.5	23	6.1	6.9	90
	1033	15	28.0	24	5.5	4.3	55
	1034	17	27.5	25	5.4	3.8	48
	1035	18	27.5	25	5.4	2.0	26
91-08-06	1100	0	30.0	22	6.1	6.2	82
	1101	5	29.5	21	6.2	6.4	84
	1102	10	29.0	20	5.9	5.3	69
	1103	15	28.5	21	5.6	.8	10
	1104	20	26.5	48	6.0	.2	2
91-08-27	1020	0	28.0	28	6.1	7.3	93
	1021	5	27.5	28	6.1	6.6	84
	1022	10	27.5	28	6.1	6.2	79
	1023	15	27.5	29	5.8	3.7	47
	1024	18	27.0	30	5.7	1.6	20

Table 25.--Physicochemical values, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-09-11	1025	0	29.5	22	7.3	7.7	102
	1026	5	29.5	23	7.3	7.6	100
	1027	8	28.5	24	6.9	6.3	81
	1028	10	28.0	25	6.6	5.2	67
	1029	12	28.0	26	6.5	4.3	55
	1030	14	27.5	26	6.4	3.6	46
	1031	15	27.5	27	6.3	3.3	42
	1032	17	27.0	28	6.3	2.3	29
	1033	18	27.0	29	6.2	1.2	15
91-10-03	1015	0	23.0	26	6.1	7.7	91
	1016	5	23.0	25	6.1	7.2	84
	1017	10	22.5	25	5.8	5.6	65
	1018	12	22.5	25	5.8	5.6	65
	1019	14	22.5	25	5.7	5.5	64
	1020	16	22.0	26	5.7	5.4	63
	1021	17	22.0	26	5.6	5.1	58
91-11-06	1145	0	12.5	30	6.8	9.7	91
	1146	5	12.0	22	6.8	9.4	88
	1147	10	11.5	19	6.7	9.3	86
	1148	15	10.0	18	6.6	9.4	83
	1149	18	9.0	18	6.4	9.5	82
92-01-21	1410	0	6.5	23	6.6	11.7	95
	1411	5	6.0	23	6.6	11.7	94
	1412	10	5.5	23	6.7	11.8	93
	1413	15	5.0	23	6.7	12.3	95
	1414	20	4.5	21	6.6	12.3	95
92-02-05	1045	0	8.5	23	6.6	11.4	97
	1046	5	8.5	23	6.6	11.4	97
	1047	10	8.5	23	6.6	11.4	97
	1048	13	8.5	23	6.7	11.4	97
92-02-27	1130	0	19.0	30	6.7	8.7	94
	1131	5	18.0	22	6.6	8.6	91
	1132	10	18.0	22	6.5	8.3	87
	1133	15	17.0	23	6.2	6.3	65
	1134	19	16.5	23	6.1	5.9	61
92-03-24	1030	0	13.0	20	6.7	10.3	97
	1032	5	13.0	20	6.7	9.8	93
	1034	10	12.0	19	6.6	9.8	91
	1036	15	11.5	19	6.5	9.8	89
92-06-01	1255	0	22.0	26	6.9	8.4	97
	1256	5	22.0	26	6.9	8.3	96
	1257	10	22.0	26	6.8	8.2	95
	1258	15	21.0	20	6.3	5.2	59
	1259	20	20.0	21	6.1	3.9	43
92-06-16	1255	0	27.5	22	6.7	8.1	104
	1256	5	26.5	22	6.4	7.3	91
	1257	7	25.5	23	6.2	6.8	84
	1258	9	25.0	23	6.1	6.2	76
	1259	11	24.5	23	6.1	6.0	72
	1300	12	13.0	24	6.0	5.9	56
	1301	13	22.5	24	6.0	5.8	68
92-07-08	1200	0	28.5	26	6.4	6.9	89
	1201	5	28.5	26	6.4	6.9	88
	1202	10	27.5	26	6.0	6.0	76
	1203	13	26.5	27	5.6	3.0	37
	1204	15	26.0	28	5.5	2.5	31
	1205	17	26.0	30	5.6	.8	9
	1206	19	25.0	32	5.6	.3	4
	1207	20	24.5	35	5.7	.3	3

Table 25.--Physicochemical values, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-07-28	1135	0	29.5	26	6.6	7.6	100
	1136	5	29.0	25	6.6	7.5	97
	1137	10	28.0	27	6.1	3.7	47
	1138	12	28.0	26	5.8	3.5	45
	1139	15	27.0	26	5.7	3.7	47
	1140	17	26.5	27	5.6	1.6	20
	1141	19	25.5	29	5.6	.8	10
	1142	20	25.5	29	5.6	.6	7
92-08-12	1200	0	29.0	26	6.3	7.4	97
	1201	5	28.5	26	6.3	7.2	93
	1202	10	28.5	26	6.3	6.8	88
	1203	15	28.5	27	6.1	6.2	80
	1204	19	28.0	29	5.9	4.4	56
	1205	20	28.0	29	5.8	4.0	52
92-08-31	1155	0	28.0	23	6.3	7.2	92
	1156	5	27.5	23	6.3	7.0	88
	1157	10	27.0	23	6.3	6.9	87
	1158	15	26.5	26	5.7	2.3	28
	1159	17	26.0	27	5.7	1.3	17
92-09-24	1125	0	24.0	27	6.6	7.7	91
	1126	5	24.0	27	6.6	7.6	91
	1127	10	23.5	28	6.6	7.5	89
	1128	15	23.0	26	6.4	6.9	81
	1129	19	23.0	23	6.3	6.7	78
92-10-19	1135	0	18.5	41	7.0	9.1	97
	1136	5	18.5	30	7.1	9.0	96
	1137	8	18.5	39	7.0	9.0	95
	1138	11	18.5	38	7.1	9.0	95
	1139	14	18.0	31	7.0	8.7	92
	1140	18	17.5	26	6.8	8.6	89

Table 26.--Physicochemical values, Lake Maumelle downstream from Yount Creek near Wye, Arkansas (072632972)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; --, no data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-01-11	1142	0	6.0	19	6.8	12.1	98
	1143	5	6.0	19	6.8	12.0	97
	1144	15	6.0	19	6.7	11.9	97
	1145	25	6.0	18	6.8	11.9	96
	1146	35	6.0	19	6.6	11.8	96
	1147	43	6.0	18	6.6	11.8	95
91-02-07	1116	0	9.0	22	6.0	11.7	101
	1117	5	8.5	22	6.1	10.9	93
	1118	10	8.5	22	6.1	11.2	96
	1119	15	8.5	22	6.3	11.2	95
	1120	20	7.0	22	6.2	10.6	86
	1121	30	7.0	21	6.3	10.5	86
	1122	40	7.0	21	6.2	10.3	84
	1123	41	7.0	21	6.2	10.4	85
91-03-06	1057	0	11.0	22	6.5	10.5	97
	1058	5	11.0	22	6.5	10.4	97
	1059	10	11.0	22	6.5	10.4	96
	1100	15	11.0	22	6.6	10.4	96
	1101	20	10.5	22	6.6	9.8	90
	1102	25	10.5	21	6.5	10.0	92
	1103	30	10.0	21	6.5	9.8	89
	1104	35	9.5	21	6.5	9.6	86
	1105	40	9.5	22	6.5	9.5	85
	1106	43	9.5	21	6.5	9.7	87
91-04-04	1058	0	16.0	23	6.5	9.7	100
	1059	2	16.0	23	6.5	9.7	98
	1100	5	15.5	23	6.6	9.7	97
	1101	10	15.5	23	6.6	9.7	97
	1102	15	15.0	23	6.5	9.6	95
	1103	20	15.0	23	6.5	9.5	94
	1104	25	14.5	22	6.5	9.3	91
	1105	30	14.5	23	6.3	9.1	89
	1106	35	14.0	23	6.3	9.0	87
	1107	40	14.0	23	6.2	8.8	86
91-04-24	1325	0	19.0	32	5.9	8.9	96
	1326	5	18.5	31	5.9	8.8	95
	1327	10	17.5	31	6.0	8.5	89
	1328	15	17.0	30	5.9	8.2	85
	1329	20	17.0	30	6.0	8.0	83
	1330	25	16.5	30	6.0	7.6	79
	1331	30	16.5	29	5.9	6.9	71
91-06-05	1100	0	29.5	24	6.4	7.6	101
	1101	5	29.0	24	6.5	7.5	99
	1102	10	28.0	24	6.6	7.6	98
	1103	11	26.5	24	6.5	7.7	97
	1104	13	25.0	24	6.4	7.9	96
	1105	15	24.0	24	6.2	7.1	85
	1106	16	23.5	24	5.8	5.9	70
	1107	17	23.0	24	5.8	6.1	71
	1108	19	22.0	24	5.7	4.1	47
	1109	21	20.5	26	5.6	2.4	27
	1110	23	20.0	29	5.7	1.8	20
	1111	27	19.5	29	5.7	1.5	17
	1112	30	19.5	29	5.7	1.4	16
	1113	35	19.0	30	5.7	1.2	13
	1114	42	19.0	29	5.7	1.1	12

Table 26.--Physicochemical values, Lake Maumelle downstream from Yount Creek near Wye, Arkansas (072632972)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-06-27	1010	0	29.5	28	6.7	7.7	100
	1011	5	29.5	27	6.8	7.6	100
	1012	10	29.5	27	6.8	7.6	99
	1013	15	29.5	27	6.7	7.6	99
	1014	18	29.0	25	6.6	6.9	89
	1015	19	26.0	27	5.6	1.6	19
	1016	20	24.0	30	5.5	.2	2
	1017	21	22.5	32	5.6	.1	1
	1018	22	21.5	36	5.7	.1	1
	1019	24	20.5	37	5.7	.1	1
	1020	27	20.5	37	5.8	.1	1
	1021	30	20.0	38	5.8	.1	1
	1022	35	19.5	38	5.8	.1	1
	1023	40	19.5	38	5.9	.1	1
	1024	43	19.5	39	5.9	.1	1
91-07-09	0910	0	30.5	22	6.9	7.5	101
	0911	5	30.5	22	6.9	6.8	92
	0912	10	30.5	22	6.9	6.7	91
	0913	11	30.0	23	6.9	7.1	94
	0914	12	29.5	22	7.0	7.1	94
	0915	13	29.0	22	6.7	7.0	92
	0916	14	28.5	22	6.4	6.8	88
	0917	15	27.5	23	5.8	5.6	72
	0918	16	26.0	24	5.5	3.5	43
	0919	17	25.5	24	5.4	2.5	31
	0920	18	25.0	24	5.4	2.6	32
	0921	20	24.0	26	5.3	.8	10
	0922	22	23.0	28	5.5	.3	3
	0923	24	21.0	43	6.0	.3	3
91-08-06	1315	0	31.5	27	7.2	9.0	123
	1316	5	30.5	27	7.6	9.1	122
	1317	10	30.0	26	7.6	9.2	122
	1318	15	28.0	24	7.6	7.9	102
	1319	18	27.5	25	7.6	7.1	91
	1320	20	27.0	24	7.5	5.9	75
	1321	21	26.5	27	7.5	2.9	36
	1322	22	25.0	30	7.5	2.4	29
	1323	23	24.5	39	7.5	2.2	26
	1324	24	22.5	50	7.5	2.0	23
	1325	25	22.0	54	7.5	1.0	11
	1326	28	20.5	56	6.9	1.6	18
	1327	30	20.0	52	7.4	1.4	15
91-08-27	1225	0	29.0	27	6.5	7.7	101
	1226	5	28.0	28	6.7	7.7	99
	1227	10	28.0	27	6.6	7.5	96
	1228	15	27.5	27	6.4	6.9	87
	1229	17	27.5	27	6.2	5.8	73
	1230	19	26.5	28	5.8	3.1	38
	1231	20	26.0	30	5.8	.7	8
	1232	21	25.5	32	5.8	.1	1
	1233	22	25.5	34	5.9	.1	1
	1234	23	25.0	38	6.0	.1	2
	1235	24	23.0	67	6.5	.1	1
	1236	25	22.5	69	6.5	.1	1
	1237	27	21.5	74	6.6	.2	2
	1238	29	21.0	75	6.7	.2	2
	1239	32	20.5	74	6.7	.2	2
	1240	35	20.5	75	6.7	.2	2
	1241	40	20.0	77	6.7	.2	2

Table 26.--Physicochemical values, Lake Maumelle downstream from Yount Creek near Wye, Arkansas (072632972)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-09-11	1110	0	30.0	23	8.0	8.0	106
	1111	5	29.5	23	8.3	8.1	106
	1112	10	28.5	23	7.9	8.0	103
	1113	12	28.0	23	7.6	7.5	97
	1114	15	27.5	23	7.1	6.5	83
	1115	17	27.0	23	6.9	6.0	76
	1116	19	27.0	23	6.6	4.4	56
	1117	21	26.5	25	6.4	1.8	23
	1118	22	25.5	32	6.4	.1	2
	1119	23	25.0	42	6.6	<.1	1
	1120	24	25.0	48	6.6	<.1	1
	1121	26	22.5	78	7.0	<.1	1
	1122	28	22.5	85	7.0	<.1	1
	1123	30	21.0	87	7.1	<.1	1
	1124	35	20.5	88	7.1	<.1	<.1
	1125	39	20.5	90	7.1	<.1	<.1
91-10-03	1100	0	23.5	25	6.3	8.2	98
	1101	5	23.5	26	6.4	8.2	97
	1102	10	22.5	26	6.0	6.9	80
	1103	15	22.0	25	5.8	5.5	63
	1104	18	22.0	26	5.7	5.2	60
	1105	20	22.0	26	5.6	5.2	60
	1106	22	22.0	25	5.6	5.1	59
	1107	24	22.0	26	5.6	4.9	57
	1108	26	22.0	26	5.6	4.8	55
	1109	30	22.0	26	5.6	4.2	48
	1110	35	21.5	28	5.5	2.1	24
91-11-06	1350	0	14.0	40	7.1	9.7	94
	1351	5	13.5	38	7.1	9.6	92
	1352	10	13.5	26	7.0	9.2	88
	1353	15	13.0	23	6.9	9.1	87
	1354	20	13.0	22	6.8	9.1	86
	1355	25	13.0	20	6.8	9.0	85
	1356	30	11.5	19	6.6	8.5	78
	1357	35	11.0	18	6.4	8.2	75
	1358	40	11.0	18	6.3	8.2	75
	1359	42	11.0	18	6.3	8.2	75
92-02-05	1230	0	8.0	23	6.6	11.4	96
	1231	5	8.0	23	6.6	11.5	97
	1232	10	8.0	23	6.6	11.5	97
	1233	15	8.0	23	6.6	11.5	97
	1234	20	8.0	23	6.6	11.4	96
	1235	25	8.0	23	6.6	11.4	96
	1236	30	8.0	23	6.6	11.4	96
	1237	35	8.0	23	6.6	11.4	96
	1238	38	8.0	23	6.6	11.4	96
92-03-24	1230	0	13.0	22	6.7	10.6	101
	1232	5	13.0	20	6.7	9.8	93
	1233	10	13.0	20	6.7	9.7	91
	1234	15	12.5	20	6.6	9.4	89
	1236	20	12.5	20	6.5	9.2	87
	1238	25	12.5	20	6.5	9.2	86
	1240	30	12.5	20	6.5	9.2	86
	1242	35	12.5	20	6.5	9.1	86
	1244	40	12.5	20	6.5	9.1	85
	1246	44	12.5	20	6.5	9.1	85
92-04-27	1310	0	18.0	28	6.6	8.9	95
	1311	5	18.0	26	6.6	8.8	93
	1312	10	17.5	22	6.6	8.7	91
	1313	15	17.5	22	6.5	8.5	---
	1314	20	17.0	22	6.4	8.2	85
	1315	25	16.0	22	6.3	6.9	70
	1316	30	16.0	22	6.2	6.7	68
	1317	35	16.0	22	6.2	6.7	68
	1318	40	15.5	23	6.1	6.1	62

Table 26.--Physicochemical values, Lake Maumelle downstream from Yount Creek near Wye, Arkansas (072632972)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-06-01	1410	0	21.5	27	6.8	8.3	94
	1411	5	21.5	27	6.9	8.3	94
	1412	10	21.5	27	6.8	8.2	94
	1413	15	21.5	28	6.8	8.2	94
	1414	20	21.5	27	6.8	8.2	93
	1415	22	19.5	21	6.1	3.8	41
	1416	25	19.0	23	6.0	2.7	29
	1417	30	18.5	23	6.0	2.3	25
	1418	35	18.0	23	6.0	2.0	21
	1419	40	18.0	24	6.0	1.9	21
	1420	42	18.0	24	6.1	1.9	20
92-06-17	1000	0	27.5	22	6.9	8.1	104
	1001	5	27.5	22	6.9	7.9	101
	1002	10	27.0	22	6.8	7.8	99
	1003	11	26.5	22	6.7	7.9	99
	1004	12	24.5	24	6.7	8.1	98
	1005	13	24.5	24	6.6	8.1	98
	1006	15	23.5	27	6.6	8.0	95
	1007	18	22.5	22	6.2	5.6	66
	1008	21	21.5	25	6.0	3.7	42
	1009	24	20.5	28	5.9	2.1	23
92-07-08	1340	0	28.5	26	6.5	7.1	92
	1341	5	28.5	25	6.6	7.1	92
	1342	10	28.5	25	6.5	7.1	92
	1343	15	28.5	25	6.5	6.9	89
	1344	17	27.5	25	6.2	6.4	81
	1345	19	26.5	25	6.0	5.6	71
	1346	20	25.5	26	5.7	4.5	55
	1347	21	25.0	27	5.6	2.7	33
	1348	23	23.0	32	5.6	.8	9
	1349	25	22.0	34	5.7	.3	4
	1350	27	21.5	34	5.8	.3	3
	1351	30	21.0	38	5.9	.3	3
	1352	35	20.5	39	5.9	.3	3
	1353	40	20.5	41	6.0	.3	3
92-07-29	1010	0	29.5	25	6.6	8.1	107
	1011	5	29.5	25	6.6	8.0	106
	1012	10	29.5	25	6.4	7.9	104
	1013	15	29.0	25	6.6	7.7	101
	1014	18	28.0	25	6.0	5.6	73
	1015	20	27.5	26	5.9	3.7	47
	1016	22	26.5	27	5.7	1.4	17
	1017	24	25.0	31	5.8	.1	1
	1018	25	23.5	50	6.1	.1	1
	1019	26	22.5	57	6.3	.1	1
	1020	28	22.0	60	6.3	.1	1
	1021	30	21.0	60	6.4	.1	1
	1022	35	20.5	59	6.4	.1	1
	1023	40	20.0	59	6.4	.1	1
92-08-13	1020	0	28.5	26	6.4	7.6	99
	1021	5	28.5	26	6.4	7.6	98
	1022	10	28.5	26	6.5	7.5	97
	1023	15	28.5	26	6.5	7.4	95
	1024	18	28.0	26	6.1	7.2	93
	1025	19	28.0	26	6.1	7.2	92
	1026	20	25.5	34	5.7	.2	2
	1027	21	25.0	36	5.7	.1	1
	1028	23	23.5	46	5.8	.1	1
	1029	25	22.5	59	6.0	.1	1
	1030	30	21.5	66	6.2	.1	1
	1031	35	20.5	69	6.3	.1	1
	1032	40	20.5	69	6.3	.1	1

Table 26.--Physicochemical values, Lake Maumelle downstream from Yount Creek near Wye, Arkansas (072632972)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-09-01	1240	0	27.5	23	7.1	8.0	102
	1241	5	27.5	23	7.2	8.0	102
	1242	10	27.5	23	7.1	7.9	100
	1243	15	27.5	23	6.9	7.6	97
	1244	18	27.0	23	6.8	7.5	95
	1245	20	26.5	23	6.5	6.1	76
	1246	22	25.5	25	5.9	1.2	15
	1247	23	25.0	28	5.8	.1	1
	1248	24	24.5	38	6.0	.1	1
	1249	25	24.0	44	6.1	.1	1
	1250	27	23.5	51	6.3	<.1	1
	1251	30	22.5	62	6.5	<.1	1
	1252	35	21.0	73	6.6	<.1	1
	1253	37	20.5	76	6.7	<.1	1
92-09-24	1240	0	24.5	24	6.2	6.4	78
	1241	5	24.5	24	6.2	6.4	77
	1242	10	24.0	23	6.1	6.1	73
	1243	15	24.0	23	6.1	6.0	72
	1244	20	24.0	23	6.1	6.0	72
	1245	25	24.0	26	6.0	5.2	62
	1246	26	24.0	31	6.1	4.7	56
	1247	27	23.5	28	6.1	4.7	56
	1248	28	23.5	28	6.1	2.3	27
	1249	29	24.0	58	6.3	.3	3
	1250	30	22.0	78	6.6	.1	1
	1251	32	21.5	83	6.6	<.1	1
	1252	35	21.0	85	6.7	<.1	1
	1253	40	21.0	89	6.8	<.1	1
92-10-20	1035	0	19.0	38	6.8	8.8	95
	1036	0	19.0	35	6.8	8.7	94
	1037	10	19.0	34	6.8	8.7	93
	1038	15	19.0	33	6.8	8.6	93
	1039	20	19.0	32	6.8	8.6	92
	1040	25	18.5	31	6.8	8.5	92
	1041	30	18.5	30	6.8	8.5	91
	1042	35	18.5	29	6.8	8.5	91
	1043	38	18.5	29	6.8	8.5	91

Table 27.--Physicochemical values, Twin Creek near Wye, Arkansas (072632978)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Time	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
90-04-04	1130	14.0	37	6.2	9.9	97
90-07-03	1830	---	62	6.5	---	---
90-07-05	1100	25.5	29	5.6	6.9	85
90-07-10	1025	26.5	32	6.4	2.7	34
91-07-30	1000	16.0	54	6.4	7.0	71
91-07-31	1200	25.5	25	6.5	7.5	92
91-08-01	900	28.5	27	6.5	6.7	87
92-07-13	1325	30.5	23	5.9	6.7	90
92-07-13	1337	14.0	46	6.4	7.4	71
92-07-13	1345	13.5	46	6.5	7.7	74
92-07-13	1350	13.5	46	6.5	7.8	75
92-07-13	1355	13.0	46	6.5	7.8	74
92-07-13	1400	13.0	46	6.5	7.8	74
92-07-13	1405	13.0	46	6.6	7.8	74
92-07-13	1410	13.0	46	6.5	7.8	74
92-07-13	1415	13.0	46	6.5	7.8	74
92-07-13	1420	13.0	45	6.5	7.7	74
92-07-13	1425	13.0	45	6.5	7.6	73
92-07-13	1430	13.0	45	6.5	7.6	73
92-07-14	1030	18.0	29	5.6	7.1	76
92-07-15	930	29.0	24	5.9	7.4	97

Table 28.--Physicochemical values, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; --, no data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-25	1235	0	24.0	24	6.3	8.5	103
	1237	2	24.0	24	6.3	8.4	102
	1239	4	24.0	24	6.3	8.3	101
	1241	8	23.0	24	6.3	8.2	98
	1243	10	22.5	24	6.2	8.0	94
	1245	13	21.5	24	6.1	7.2	84
	1247	16	20.5	25	5.9	6.4	72
	1249	18	20.0	26	5.9	5.5	62
	1251	20	19.5	27	5.8	4.5	50
89-08-30	1130	0	29.5	27	6.8	7.4	98
	1132	2	29.5	27	6.8	7.5	99
	1134	4	29.5	26	6.8	7.4	98
	1136	10	29.0	27	6.6	7.1	93
	1138	16	28.5	27	6.0	4.6	60
	1140	20	27.5	28	5.7	1.9	24
90-01-31	1300	0	8.0	26	6.6	11.6	98
	1302	2	7.5	26	6.7	11.6	97
	1304	3	7.5	26	6.7	11.6	97
	1306	10	7.5	25	6.7	11.6	97
	1308	14	7.5	25	6.7	11.6	97
	1310	18	7.5	25	6.7	11.5	96
	1320	10	7.5	25	6.7	11.6	97
90-04-04	1100	0	14.5	22	6.6	10.7	105
	1102	2	14.0	22	6.6	10.3	101
	1104	4	14.0	22	6.6	10.2	100
	1106	10	13.5	23	6.6	9.7	94
	1108	16	13.0	23	6.6	9.6	92
	1110	20	13.0	23	6.5	9.1	87
90-07-03	1658	0	33.0	25	7.5	7.1	99
	1659	1	33.0	25	7.5	7.1	99
	1700	2	33.0	24	7.5	7.0	98
	1703	3	32.5	24	7.5	7.0	97
	1704	4	32.5	24	7.5	7.0	97
	1705	6	31.5	24	7.7	7.5	102
	1707	8	30.5	24	7.9	7.4	99
	1708	9	29.5	24	7.5	7.6	100
	1709	11	28.5	24	7.5	7.8	101
	1710	12	27.5	24	7.1	7.6	97
	1711	13	27.0	25	6.9	7.5	94
	1712	14	27.0	24	6.7	7.2	91
	1713	16	26.5	24	6.5	6.0	75
	1714	17	26.0	25	6.1	3.3	41
	1715	18	25.0	28	5.9	1.5	18
90-07-05	1153	1	32.0	24	6.9	7.1	98
	1155	4	31.5	24	7.3	7.0	96
	1157	5	31.5	24	7.3	7.0	96
	1158	6	31.0	24	7.4	7.0	95
	1159	9	30.5	24	7.1	6.9	93
	1202	14	30.0	24	6.5	6.6	88
	1203	15	29.0	25	6.2	6.7	88
	1204	17	28.0	26	6.1	6.4	82
	1205	18	27.5	28	5.9	6.4	82
	1206	19	26.0	29	5.9	5.8	72
90-07-10	1109	0	31.0	24	7.4	7.6	103
	1110	1	31.0	24	7.6	7.4	100
	1112	4	31.0	24	7.7	7.5	102
	1117	8	30.5	24	7.2	7.4	99
	1122	14	30.0	24	7.0	7.2	96
	1123	15	29.5	25	5.9	6.2	82
	1124	16	28.5	27	5.7	3.2	42
	1125	17	26.5	27	5.7	2.8	35
	1126	18	25.5	28	5.8	2.4	29
	1127	19	26.0	28	6.2	2.2	27

Table 28.--Physicochemical values, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
90-08-30	1203	0	31.0	25	6.4	7.3	99
	1204	2	31.0	25	6.5	7.2	98
	1205	4	31.0	25	6.6	7.2	98
	1206	8	30.5	25	6.7	7.2	97
	1208	12	30.5	25	6.6	7.0	94
	1210	14	29.5	25	6.2	5.8	77
	1211	15	29.5	25	6.1	5.4	72
	1212	16	29.0	26	5.9	3.8	50
	1213	17	28.5	26	5.7	2.9	38
91-07-30	1130	0	29.0	---	---	7.4	---
	1131	5	29.0	---	---	7.4	---
	1132	10	28.0	---	---	7.1	---
	1133	15	26.5	---	---	6.6	---
	1134	16	23.0	---	---	6.5	---
	1135	17	23.0	---	---	6.4	---
	1136	18	22.5	---	---	6.3	---
	1137	19	22.0	---	---	6.3	---
	1138	20	22.0	---	---	6.3	---
91-07-31	1255	0	29.5	---	---	7.9	---
	1256	5	29.0	---	---	7.9	---
	1257	10	28.0	---	---	7.7	---
	1258	15	27.5	---	---	7.6	---
	1259	16	27.0	---	---	7.2	---
	1300	17	27.0	---	---	6.6	---
	1301	18	27.0	---	---	6.6	---
	1302	19	26.5	---	---	6.3	---
	1303	20	26.0	---	---	6.1	---
91-08-01	0900	0	28.5	---	---	7.0	---
	0901	5	31.0	---	---	6.9	---
	0902	10	28.0	---	---	6.8	---
	0903	15	28.0	---	---	6.7	---
	0904	16	28.0	---	---	6.6	---
	0905	17	28.0	---	---	6.7	---
	0906	18	27.5	---	---	5.3	---
	0907	19	27.0	---	---	5.1	---
	0908	20	27.0	---	---	4.4	---
91-08-07	1020	0	31.0	22	6.7	7.4	100
	1021	5	30.5	22	6.8	7.5	101
	1022	10	30.5	22	6.5	7.3	97
	1023	15	29.5	22	5.6	5.5	72
	1024	16	29.0	23	5.7	5.0	66
	1025	17	28.5	24	5.6	3.0	39
	1026	18	28.5	24	5.5	2.6	33
	1027	19	28.0	24	5.5	2.4	31
	1028	20	28.0	24	5.5	1.6	20
92-07-13	1055	0	29.5	23	6.4	7.4	97
	1056	5	29.5	23	6.5	7.4	97
	1057	10	29.0	22	6.4	7.2	95
	1058	15	28.5	22	6.3	6.6	85
	1059	17	27.5	23	5.8	4.5	58
	1100	18	27.0	25	5.6	2.3	29
	1101	19	26.0	25	5.6	1.4	17
	1102	20	25.0	26	5.6	.4	5
	1103	21	24.5	27	5.7	.4	5
92-07-13	1455	0	29.5	22	6.7	7.5	99
	1456	5	29.0	22	7.0	7.6	100
	1457	10	29.0	22	6.7	7.3	95
	1458	15	27.5	23	6.2	6.1	79
	1459	16	26.5	25	5.9	4.5	57
	1500	17	26.0	26	6.1	6.2	76
	1501	18	24.0	30	6.1	7.1	84
	1502	19	23.0	31	6.1	7.0	82
	1503	20	22.5	32	6.2	7.1	82
	1504	21	22.5	32	6.2	7.1	83

Table 28.--Physicochemical values, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-07-14	1100	0	29.0	22	6.4	7.6	99
	1101	5	29.0	22	6.5	7.4	97
	1102	10	28.5	22	6.4	7.2	94
	1103	12	28.0	22	6.2	7.2	93
	1104	13	27.5	23	6.2	7.2	92
	1105	15	27.0	23	6.1	6.8	86
	1106	16	25.5	24	5.9	6.9	85
	1107	17	24.5	25	5.8	7.0	84
	1108	18	24.5	25	5.8	7.1	85
	1109	19	24.0	25	5.8	7.0	85
	1110	20	24.5	25	5.8	7.1	85
	1111	21	24.0	25	5.8	7.0	84
92-07-15	1045	0	29.0	23	6.1	7.3	96
	1046	5	29.0	22	6.1	7.1	94
	1047	10	29.0	23	6.1	7.1	93
	1048	15	28.5	23	6.0	6.7	87
	1049	18	27.0	24	5.8	6.0	75
	1050	19	26.0	24	5.6	5.2	65
	1051	20	24.5	26	5.6	2.9	35
	1052	21	23.0	31	5.7	.8	10
92-07-21	1230	0	30.0	22	6.7	7.8	104
	1231	5	30.0	22	6.9	7.9	104
	1232	10	29.5	22	6.7	7.5	99
	1233	15	28.0	22	6.4	7.1	91
	1234	18	27.5	23	5.9	4.2	53
	1235	20	26.5	25	5.6	1.8	22
	1236	21	26.0	27	5.6	.7	9

Table 29.--Physicochemical values, Lake Maumelle near Little Italy, Arkansas (07263299)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-26	1045	0	24.5	24	6.3	8.5	104
	1047	2	24.5	24	6.4	8.4	103
	1049	6	24.5	24	6.4	8.3	101
	1051	9	24.0	24	6.4	8.2	99
	1053	10	24.0	24	6.3	8.2	99
	1055	14	23.0	24	6.2	7.8	93
	1057	16	22.0	24	6.1	7.4	86
	1059	18	21.5	24	6.0	7.4	85
	1101	20	21.0	24	6.0	7.4	85
	1103	22	20.0	24	5.9	6.8	76
	1105	23	19.5	25	5.7	5.4	60
	1107	24	18.5	26	5.7	4.5	48
	1109	28	18.0	29	5.7	3.6	39
	1111	30	17.5	29	5.7	3.5	38
	1113	37	17.5	29	5.7	3.4	36
	1115	40	17.5	29	5.7	3.2	34
	1117	50	17.0	32	5.8	2.3	24
89-08-30	0940	0	29.0	26	6.3	8.0	106
	0942	2	29.0	27	6.5	7.6	100
	0944	9	29.0	27	6.5	7.4	98
	0946	10	29.0	26	6.6	7.4	98
	0948	18	29.0	26	6.2	6.9	90
	0950	19	27.5	27	5.9	3.0	38
	0952	20	26.5	27	5.6	2.0	25
	0954	21	25.5	28	5.5	.6	8
	0956	22	24.0	33	5.6	.1	2
	0958	23	23.0	38	5.6	.1	1
	1000	25	22.0	48	5.8	.1	1
	1002	27	21.0	67	6.1	.2	2
	1004	30	20.0	78	6.3	.1	1
	1006	37	20.0	77	6.4	.1	1
	1008	40	20.0	78	6.4	.1	1
	1010	50	19.5	78	6.5	.1	1
90-01-31	1000	0	7.5	26	6.9	12.0	100
	1002	2	7.5	26	6.8	11.9	99
	1004	9	7.5	26	6.9	11.8	99
	1006	10	7.5	26	6.9	11.8	99
	1008	20	7.5	26	6.9	11.7	98
	1010	30	7.5	26	6.9	11.7	98
	1012	36	7.5	26	6.9	11.7	98
	1014	40	7.5	26	6.9	11.6	97
	1016	45	7.5	25	6.9	11.5	96
90-04-04	1230	0	17.0	23	6.5	10.5	109
	1232	2	14.0	22	6.5	10.4	102
	1234	9	14.0	22	6.6	10.2	100
	1236	10	14.0	22	6.6	10.2	99
	1238	20	13.5	23	6.6	9.9	96
	1240	30	13.0	23	6.5	8.6	82
	1242	36	12.5	23	6.4	8.5	81
	1244	40	12.5	24	6.3	8.4	79
	1246	45	12.5	23	6.3	8.2	78
90-08-31	1015	0	30.0	25	6.6	7.3	97
	1017	2	30.0	25	6.6	7.1	95
	1019	9	29.5	25	6.7	6.6	87
	1021	10	29.5	25	6.7	6.6	87
	1023	20	29.0	25	6.3	4.2	55
	1025	21	27.5	26	6.0	1.6	20
	1027	22	25.5	30	5.7	.2	2
	1029	23	25.0	31	5.7	.1	1
	1031	24	23.5	40	5.7	.1	1
	1033	25	21.0	71	5.9	.1	1
	1035	30	21.0	76	6.2	.1	1
	1037	36	20.5	77	6.2	.2	2
	1039	40	20.0	77	6.4	.1	1
	1041	43	20.0	77	6.4	.2	2

Table 29.--Physicochemical values, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-01-11	1340	0	6.0	21	6.5	12.0	96
	1341	10	6.0	21	6.5	11.9	95
	1342	20	6.0	21	6.5	11.8	95
	1343	30	6.0	21	6.5	11.8	94
	1344	32	6.0	21	6.5	11.8	94
91-02-08	1000	0	9.0	22	6.1	11.6	100
	1001	5	9.0	23	6.3	11.5	98
	1002	10	9.0	22	6.4	11.4	98
	1003	12	8.5	23	6.3	11.4	98
	1004	18	8.0	22	6.4	11.2	118
	1005	25	7.0	22	6.3	10.8	89
	1006	30	7.0	23	6.3	10.7	87
	1007	34	6.5	23	6.2	10.6	87
	1008	40	6.5	23	6.3	10.6	87
	1009	45	6.5	22	6.3	10.6	86
91-03-06	1230	0	10.0	22	6.6	10.4	94
	1231	5	10.0	22	6.5	10.6	96
	1232	10	10.0	22	6.5	10.2	93
	1233	15	10.0	22	6.6	9.9	90
	1234	20	10.0	21	6.6	9.8	89
	1235	25	10.0	22	6.5	10.5	95
	1236	30	10.0	22	6.6	9.9	90
	1237	35	9.5	21	6.5	10.4	93
	1238	40	9.5	22	6.6	9.5	85
91-04-04	1235	0	16.5	23	6.3	9.7	99
	1236	5	16.5	23	6.3	9.7	99
	1237	10	16.5	23	6.4	9.6	98
	1238	15	16.0	22	6.3	9.6	97
	1239	20	15.0	22	6.4	9.5	94
	1240	25	14.5	22	6.3	9.4	92
	1241	30	14.5	22	6.3	9.3	91
	1242	35	14.0	23	6.2	9.1	88
	1243	40	14.0	23	6.1	8.8	85
91-04-25	1015	0	18.5	31	6.2	9.0	98
	1016	5	18.5	30	6.3	8.9	95
	1017	10	18.0	29	6.3	8.8	94
	1018	15	18.0	29	6.2	8.7	93
	1019	20	17.5	28	6.2	8.6	91
	1020	25	17.5	28	6.2	8.4	89
	1021	30	17.0	27	6.1	7.3	76
	1022	35	16.5	28	6.0	6.3	64
	1023	40	16.0	28	5.8	5.0	51
	1024	45	15.5	28	5.7	4.6	47
	1025	49	15.5	28	5.8	4.3	44
91-06-05	1235	0	30.0	25	6.8	7.6	101
	1236	5	29.0	24	6.8	7.7	101
	1237	10	28.5	24	6.9	7.7	100
	1238	13	27.5	23	6.9	7.6	97
	1239	14	25.0	24	6.5	8.1	99
	1240	15	24.0	24	6.4	7.8	94
	1241	16	23.5	24	6.3	7.4	88
	1242	17	23.0	24	6.1	6.9	81
	1243	18	22.5	24	6.0	6.4	74
	1244	20	21.5	24	5.9	5.7	65
	1245	22	21.0	24	5.8	4.8	55
	1246	25	20.0	27	5.6	2.7	30
	1247	30	19.0	29	5.6	1.2	13
	1248	35	19.0	30	5.7	.9	9
	1249	41	18.5	30	5.7	.7	8

Table 29.--Physicochemical values, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-06-28	1020	0	29.5	23	6.7	7.9	104
	1021	5	29.0	22	7.0	7.7	101
	1022	10	29.0	22	6.9	7.6	99
	1023	15	29.0	21	6.7	7.4	97
	1024	17	28.0	21	6.3	5.0	64
	1025	18	26.0	22	5.8	3.4	43
	1026	19	24.0	23	5.6	2.3	27
	1027	20	22.0	25	5.5	.9	11
	1028	21	21.5	25	5.5	.6	7
	1029	23	20.5	28	5.6	.1	1
	1030	26	19.5	31	5.7	.1	1
	1031	30	19.0	25	5.9	.1	1
	1032	35	19.0	34	5.9	.1	1
	1033	40	19.0	34	5.9	.1	1
	1034	44	19.0	36	6.0	.1	1
91-07-09	1020	0	30.5	22	7.0	7.4	99
	1021	5	30.5	22	7.0	7.4	99
	1022	10	30.0	22	7.0	7.4	98
	1023	11	30.0	22	7.0	7.4	99
	1024	12	30.0	22	7.0	7.4	98
	1025	14	29.5	22	6.7	7.2	96
	1026	15	28.5	22	6.3	7.1	92
	1027	16	28.0	22	5.9	6.4	82
	1028	17	26.5	23	5.6	4.4	56
	1029	18	26.0	23	5.5	3.7	46
	1030	19	25.0	24	5.4	2.1	25
	1031	20	23.5	26	5.4	.6	7
	1032	21	22.0	28	5.4	.3	3
	1033	22	21.5	33	5.6	.2	3
	1034	24	21.0	33	5.6	.2	2
	1035	27	20.0	41	5.9	.2	3
	1036	30	19.5	43	6.0	.2	3
	1037	35	19.5	44	6.1	.2	2
	1038	40	19.0	44	6.1	.2	2
	1039	45	19.0	45	6.2	.2	2
91-08-07	1140	0	31.0	22	7.1	7.6	103
	1141	5	30.5	22	7.1	7.6	102
	1142	10	30.0	21	7.1	7.6	101
	1143	15	29.5	22	6.3	7.1	93
	1144	18	28.5	22	5.8	5.0	65
	1145	20	28.0	22	5.5	3.4	43
	1146	21	27.0	23	5.4	2.2	28
	1147	22	25.5	26	5.5	.4	4
	1148	23	24.0	31	5.6	.2	3
	1149	24	23.0	36	5.7	.2	3
	1150	25	21.5	46	5.9	.3	3
	1151	26	21.0	51	6.1	.3	3
	1152	28	20.5	54	6.2	.3	3
	1153	30	20.0	55	6.2	.3	3
	1154	35	20.0	55	6.3	.3	3
	1155	40	19.5	54	6.3	.3	3
	1156	42	19.5	54	6.3	.3	3
91-08-28	0925	0	27.5	29	6.3	7.5	95
	0926	5	27.5	29	6.4	7.4	94
	0927	10	27.5	29	6.4	7.4	93
	0928	15	27.5	28	6.3	7.3	93
	0929	20	27.5	28	6.3	7.2	92
	0930	21	27.5	27	6.2	7.1	91
	0931	22	27.5	27	6.2	7.0	89
	0932	23	27.0	27	5.9	4.7	59
	0933	24	26.5	28	5.6	.5	6
	0934	25	24.0	45	5.7	<.1	<.1
	0935	26	23.0	58	6.0	<.1	<.1
	0936	27	21.5	65	6.1	<.1	1
	0937	28	21.0	70	6.1	.1	1
	0938	30	20.5	74	6.2	<.1	1
	0939	35	20.0	74	6.3	.1	1
	0940	40	20.0	73	6.3	<.1	<.1

Table 29.--Physicochemical values, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-09-11	1200	0	29.0	15	8.3	8.3	110
	1201	5	29.0	23	8.5	8.1	107
	1202	10	29.0	23	8.5	8.2	107
	1203	15	28.0	23	7.7	7.7	99
	1204	17	27.5	23	7.2	6.7	85
	1205	19	27.0	23	7.0	5.9	75
	1206	20	27.0	23	6.7	4.3	54
	1207	21	26.5	24	6.4	2.2	27
	1208	22	26.0	24	6.3	.9	11
	1209	23	26.0	25	6.3	.2	2
	1210	24	25.5	30	6.4	<.1	1
	1211	25	23.5	54	6.7	<.1	1
	1212	26	22.5	71	6.9	<.1	1
	1213	27	22.0	81	6.9	<.1	<.1
	1214	30	20.5	88	7.0	<.1	<.1
	1215	35	20.0	86	7.0	<.1	<.1
	1216	40	20.0	83	7.0	<.1	<.1
	1217	43	20.0	85	7.0	<.1	<.1
91-10-03	1240	0	23.0	25	6.3	8.0	94
	1241	5	23.0	26	6.3	7.9	93
	1242	10	23.0	25	6.3	7.8	92
	1243	15	22.5	26	6.2	7.7	90
	1244	20	22.5	26	6.0	6.6	77
	1245	25	22.0	28	5.8	4.1	47
	1246	30	22.0	29	5.7	3.2	36
	1247	35	21.5	33	5.7	2.0	23
	1248	40	20.5	93	6.3	.3	3
	1249	43	20.5	96	6.5	.3	3
91-11-07	0920	0	13.5	28	7.1	9.3	90
	0921	5	13.5	25	7.1	9.2	89
	0922	10	13.5	25	7.1	9.2	88
	0923	15	13.5	25	7.0	9.1	88
	0924	20	13.5	24	7.0	9.1	88
	0925	25	13.5	24	7.0	9.1	88
	0926	30	13.5	24	7.0	9.1	88
	0927	35	13.5	24	7.0	9.1	87
	0928	40	13.5	24	7.0	9.1	87
	0929	45	13.5	23	7.0	9.1	87
	0930	47	13.5	22	7.0	9.0	87
92-01-21	1315	0	7.0	23	7.3	11.7	96
	1316	5	7.0	24	7.2	11.6	95
	1317	10	6.5	23	7.2	11.7	94
	1318	15	6.5	24	7.2	11.6	94
	1319	20	6.5	24	7.2	11.5	93
	1320	25	6.5	24	7.1	11.5	93
	1321	30	6.5	23	7.1	11.5	93
	1322	35	6.5	23	7.1	11.5	93
	1323	40	6.5	23	7.1	11.5	93
	1324	47	6.5	23	7.0	11.5	93
92-02-05	1320	0	8.0	23	6.6	11.6	98
	1321	5	8.0	23	6.6	11.5	97
	1322	10	8.0	24	6.6	11.5	97
	1323	15	8.0	23	6.6	11.5	97
	1324	20	8.0	24	6.6	11.5	96
	1325	25	8.0	23	6.6	11.4	96
	1326	30	7.5	23	6.6	11.4	96
	1327	35	7.5	23	6.6	11.4	96
	1328	40	7.5	24	6.6	11.4	96
	1329	42	7.5	23	6.6	11.4	96

Table 29.--Physicochemical values, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-03-25	0925	0	12.5	20	6.9	9.8	93
	0926	5	12.5	21	6.9	9.7	92
	0927	10	12.5	21	6.9	9.7	92
	0928	15	12.5	20	6.8	9.6	91
	0930	20	12.5	21	6.8	9.6	91
	0931	25	12.5	21	6.8	9.6	90
	0932	30	12.5	21	6.8	9.5	89
	0933	35	12.5	21	6.8	9.5	89
	0934	40	12.5	21	6.8	9.5	89
	0935	45	12.0	21	6.8	9.6	90
	0936	50	12.0	21	6.8	9.5	89
92-04-28	0955	0	18.5	28	6.9	8.9	95
	0956	5	18.5	27	6.9	8.9	95
	0957	10	18.0	25	6.9	8.9	94
	0958	15	18.0	24	6.8	8.8	93
	0959	20	18.0	21	6.7	8.7	92
	1000	25	16.0	21	6.4	6.9	70
	1001	30	16.0	21	6.3	6.4	64
	1002	35	15.5	21	6.2	6.2	62
	1003	40	15.5	21	6.2	6.1	60
92-06-02	1050	0	21.5	28	6.4	8.5	97
	1051	5	21.5	28	6.3	8.5	96
	1052	10	21.5	28	6.6	8.4	96
	1053	15	21.5	28	6.5	8.4	96
	1054	20	21.0	24	6.5	8.1	93
	1055	25	20.0	20	6.3	5.9	65
	1056	30	18.0	24	6.0	1.8	19
	1057	35	18.0	25	6.0	1.7	18
	1058	40	18.0	25	6.0	1.6	17
	1059	42	18.0	25	6.0	1.6	17
92-06-17	1045	0	27.0	22	7.0	8.3	105
	1046	5	27.0	22	7.0	8.1	103
	1047	10	26.5	22	7.0	8.2	102
	1048	12	25.0	24	7.0	8.8	107
	1049	14	23.5	27	6.9	8.5	101
	1050	16	23.0	29	6.8	8.3	97
	1051	18	22.0	22	6.4	7.2	83
	1052	20	22.0	22	6.3	7.0	80
	1053	22	20.5	24	6.0	4.3	48
	1054	25	20.0	27	5.9	1.9	21
	1055	30	19.0	29	6.0	1.1	12
	1056	35	19.0	30	6.0	1.0	11
	1057	40	19.0	30	6.0	.7	7
	1058	47	19.0	31	6.1	.4	5
92-07-09	1025	0	30.0	22	6.9	7.5	100
	1026	5	29.0	22	7.0	7.6	100
	1027	10	29.0	21	6.9	7.6	99
	1028	15	28.0	22	6.6	7.3	94
	1029	16	27.5	22	6.3	6.9	88
	1030	17	26.5	23	5.9	5.4	67
	1031	18	25.5	22	5.8	5.0	62
	1032	19	25.5	22	5.6	4.6	56
	1033	21	24.5	24	5.5	3.2	39
	1034	22	23.5	24	5.5	2.6	31
	1035	23	22.0	26	5.5	.6	6
	1036	25	21.5	28	5.6	.3	3
	1037	30	20.0	36	5.8	.3	3
	1038	35	20.0	37	5.9	.3	3
	1039	40	19.5	38	6.0	.3	3
	1040	45	19.5	38	6.1	.3	3

Table 29.--Physicochemical values, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-07-29	1115	0	29.5	25	6.9	7.8	103
	1116	5	29.5	25	7.0	7.8	102
	1117	10	29.0	25	6.9	7.7	101
	1118	15	28.5	25	6.5	6.4	83
	1119	18	28.0	26	6.0	4.7	61
	1120	20	27.0	26	5.7	2.6	32
	1121	22	26.5	26	5.6	1.5	19
	1122	23	26.0	28	5.6	.6	8
	1123	24	24.0	37	5.8	.1	1
	1124	25	23.0	43	6.0	.1	1
	1125	26	21.0	45	6.1	.1	1
	1126	28	20.5	53	6.2	.1	1
	1127	30	20.0	54	6.3	.1	1
	1128	35	20.0	54	6.3	.1	1
	1129	40	19.5	56	6.3	.1	1
	1130	45	19.5	57	6.3	.1	1
92-08-13	1130	0	28.5	26	6.6	7.5	97
	1131	5	28.5	26	6.7	7.5	96
	1132	10	28.0	26	6.7	7.5	97
	1133	15	28.0	26	6.7	7.5	96
	1134	18	28.0	26	6.6	7.4	96
	1135	19	28.0	26	6.7	7.4	95
	1136	21	28.0	26	6.6	7.2	93
	1137	22	27.5	27	6.1	3.2	40
	1138	23	22.5	47	5.9	.1	2
	1139	25	21.5	53	6.0	.1	1
	1140	30	20.5	66	6.2	.1	1
	1141	35	20.0	66	6.3	.1	1
	1142	40	20.0	66	6.4	.1	1
	1143	45	20.0	65	6.4	.1	1
92-09-01	1025	0	27.0	23	6.5	7.8	98
	1026	5	27.0	23	6.6	7.8	98
	1027	10	27.0	23	6.5	7.6	96
	1028	15	26.5	23	6.5	7.1	89
	1029	20	26.0	23	6.2	6.3	79
	1030	22	26.0	23	6.1	4.5	56
	1031	23	25.5	24	5.8	1.7	20
	1032	24	25.0	26	5.8	1.2	14
	1033	25	24.0	38	5.9	.1	1
	1034	26	23.0	47	6.1	.1	1
	1035	27	21.5	62	6.3	.1	1
	1036	28	21.0	65	6.5	.1	1
	1037	30	21.0	70	6.5	.1	1
	1038	35	20.5	70	6.5	.1	1
	1039	40	20.5	67	6.5	.1	1
	1040	43	20.5	68	6.6	.1	1
92-09-25	1105	0	24.0	24	6.1	6.4	76
	1106	5	24.0	24	6.1	6.3	75
	1107	10	24.0	24	6.1	6.3	75
	1108	15	24.0	24	6.2	6.4	76
	1109	20	24.0	24	6.1	6.3	75
	1110	25	24.0	24	6.1	6.3	74
	1111	30	23.0	34	6.0	.6	7
	1112	32	21.5	78	6.5	.1	1
	1113	34	21.5	82	6.6	.1	1
	1114	37	21.0	87	6.7	.1	1
	1115	40	21.0	88	6.7	.1	1
	1116	44	21.0	89	6.8	.1	1
92-10-20	1120	0	19.0	34	6.8	8.6	93
	1121	5	19.0	33	6.8	8.5	92
	1122	10	19.0	33	6.8	8.5	92
	1123	15	19.0	32	6.9	8.5	92
	1124	20	19.0	32	6.8	8.5	91
	1125	25	19.0	32	6.8	8.4	91
	1126	30	19.0	32	6.8	8.4	91
	1127	35	19.0	32	6.8	8.4	91
	1128	41	19.0	31	6.8	8.4	91

Table 30 .--Physicochemical values, Lake Maumelle near Pinnacle, Arkansas (072632992)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-01-11	1310	0	6.0	22	6.7	11.9	96
	1311	10	6.0	22	6.7	11.8	96
	1312	20	6.0	22	6.7	11.8	95
	1313	30	6.0	22	6.7	11.7	95
	1314	38	6.0	22	6.7	11.7	94
91-02-07	1337	0	9.0	23	6.5	11.4	99
	1338	5	9.0	23	6.5	11.7	101
	1339	10	8.5	23	6.5	11.9	101
	1340	15	8.5	22	6.6	11.8	100
	1341	20	8.5	23	6.6	11.7	99
	1342	25	8.0	22	6.5	11.7	98
	1343	30	6.5	23	6.5	11.2	91
	1344	35	6.5	23	6.4	10.3	84
91-03-06	1308	0	10.0	22	6.6	10.7	97
	1309	5	10.0	22	6.6	10.6	97
	1310	10	10.0	22	6.6	10.6	96
	1311	15	10.0	22	6.5	10.5	95
	1312	20	10.0	22	6.5	10.5	95
	1313	25	10.0	22	6.5	10.5	94
	1314	30	9.5	22	6.5	9.7	87
	1315	35	9.5	22	6.5	10.2	91
	1316	39	9.5	22	6.5	10.3	92
91-04-04	1340	0	16.5	23	6.3	9.6	99
	1341	5	16.5	23	6.3	9.6	98
	1342	10	15.0	23	6.3	9.5	95
	1343	15	14.5	22	6.3	9.4	93
	1344	20	14.5	23	6.2	9.4	93
	1345	25	14.0	23	6.2	9.3	91
	1346	30	14.0	23	6.2	9.1	89
	1347	35	14.0	23	6.1	8.9	86
	1348	37	14.0	23	6.1	8.8	85
91-04-25	1240	0	20.0	28	6.2	8.8	98
	1241	5	18.0	28	6.3	8.6	92
	1242	10	17.5	28	6.2	8.6	91
	1243	15	17.5	27	6.2	8.3	88
	1244	20	17.5	27	6.1	8.0	84
	1245	25	16.5	28	6.0	6.5	67
	1246	30	16.0	28	5.9	6.2	64
	1247	35	16.0	28	5.8	5.9	60
91-06-07	1000	0	27.5	26	6.1	7.4	94
	1001	5	27.5	26	6.3	7.3	93
	1002	10	27.5	26	6.4	7.2	92
	1003	12	27.0	26	6.3	7.1	89
	1004	13	24.5	27	5.9	5.5	66
	1005	14	24.0	27	5.8	5.7	68
	1006	16	22.0	28	5.7	5.1	59
	1007	18	22.0	27	5.7	4.8	55
	1008	20	21.0	27	5.6	4.3	48
	1009	22	20.5	27	5.6	3.7	41
	1010	24	19.5	29	5.6	2.7	29
	1011	27	19.0	31	5.6	1.7	18
	1012	30	19.0	31	5.6	1.5	16
	1013	35	18.5	32	5.7	1.1	12
	1014	37	18.5	32	5.6	1.1	12

Table 30.--Physicochemical values, Lake Maumelle near Pinnacle, Arkansas (072632992)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-06-28	1230	0	29.5	27	7.1	7.9	103
	1231	5	29.0	26	7.3	7.8	102
	1232	10	28.5	26	7.2	7.8	101
	1233	15	28.0	25	7.0	7.6	98
	1234	17	26.5	26	6.2	5.3	66
	1235	18	26.0	26	5.9	5.1	64
	1236	19	25.5	25	5.8	5.1	62
	1237	20	24.5	26	5.6	4.0	48
	1238	21	24.5	26	5.6	3.4	41
	1239	23	22.0	28	5.6	1.9	22
	1240	25	20.5	30	5.6	.9	10
	1241	28	19.5	34	5.7	.1	1
	1242	32	19.0	35	5.8	.1	1
	1243	36	19.0	36	5.8	.1	1
91-07-10	0915	0	30.0	23	6.6	7.7	141
	0916	5	30.0	23	6.8	7.5	138
	0917	10	30.0	23	6.9	7.5	138
	0918	15	30.0	23	6.9	7.5	137
	0919	18	29.5	23	6.8	7.5	136
	0920	19	27.5	23	6.1	6.0	105
	0921	20	23.5	26	5.6	1.2	20
	0922	21	22.5	27	5.5	.6	9
	0923	22	21.0	27	5.5	.3	5
	0924	23	20.5	29	5.6	.2	3
	0925	25	20.0	33	5.7	.2	3
	0926	30	19.0	40	6.0	.2	3
	0927	35	19.0	42	6.1	.2	4
	0928	38	19.0	44	6.1	.2	3
91-08-08	1025	0	30.0	21	6.9	7.4	98
	1026	5	30.0	21	7.0	7.4	99
	1027	10	30.0	21	7.0	7.4	98
	1028	15	29.5	22	7.1	6.4	84
	1029	18	29.0	22	6.2	5.6	73
	1030	20	27.5	23	5.8	1.7	22
	1031	21	26.5	23	5.4	.6	7
	1032	22	24.0	26	5.5	.3	4
	1033	23	23.0	28	5.5	.3	3
	1034	25	22.0	34	5.7	.2	3
	1035	27	21.0	40	5.8	.2	3
	1036	30	20.0	50	6.1	.2	3
	1037	37	19.5	54	6.2	.2	3
91-08-28	1125	0	28.0	27	6.3	7.7	99
	1126	5	27.5	28	6.4	7.6	96
	1127	10	27.5	27	6.4	7.5	95
	1128	15	27.5	27	6.3	7.3	93
	1129	18	27.5	27	6.0	7.1	90
	1130	19	27.0	27	5.8	5.4	69
	1131	20	26.5	27	5.6	4.1	52
	1132	21	26.0	28	5.5	2.5	31
	1133	22	25.5	28	5.4	1.3	17
	1134	23	25.0	30	5.4	.2	2
	1135	24	23.5	35	5.5	.0	1
	1136	25	22.5	42	5.7	.1	1
	1137	26	21.5	48	5.8	.1	1
	1138	28	21.5	53	5.9	.1	1
	1139	30	20.0	66	6.1	.2	2
	1140	33	20.0	70	6.2	.1	1
	1141	36	20.0	71	6.3	.1	2

Table 30.--Physicochemical values, Lake Maumelle near Pinnacle, Arkansas (072632992)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-09-11	1305	0	29.5	22	8.1	7.9	104
	1306	5	28.5	23	8.3	8.0	104
	1307	10	28.0	23	8.3	8.0	103
	1308	15	28.0	23	8.0	7.9	101
	1309	18	27.5	23	7.7	7.4	94
	1310	20	27.0	23	7.3	6.9	87
	1311	21	27.0	23	6.9	5.7	72
	1312	22	26.5	24	6.6	1.4	17
	1313	23	24.5	36	6.5	.1	1
	1314	24	24.0	38	6.6	.1	1
	1315	25	24.0	39	6.6	.1	1
	1316	27	22.0	56	6.7	<.1	1
	1317	29	21.0	72	6.8	<.1	1
	1318	32	20.0	81	7.0	<.1	<.1
	1319	35	20.0	83	7.0	<.1	1
	1320	40	20.0	86	7.1	<.1	<.1
	1321	44	19.5	92	7.1	<.1	<.1
91-10-04	915	0	23.0	26	6.2	7.8	92
	916	5	23.0	26	6.1	7.7	91
	917	10	23.0	26	6.2	7.7	90
	918	15	22.0	26	5.9	6.4	75
	920	20	22.0	26	5.7	4.9	57
	921	25	22.0	27	5.6	4.0	46
	922	30	22.0	29	5.7	2.9	34
	923	35	21.0	58	6.0	.3	3
	924	39	20.0	99	6.5	.3	3
92-02-06	1000	0	8.0	24	6.5	11.5	97
	1001	5	8.0	23	6.5	11.3	95
	1002	10	8.0	23	6.6	11.2	94
	1003	15	8.0	23	6.6	11.2	94
	1004	20	7.5	23	6.6	11.2	94
	1005	25	7.5	24	6.7	11.2	94
	1006	30	7.5	24	6.7	11.2	94
	1007	35	7.5	23	6.7	11.2	94
92-03-25	1115	0	12.5	21	6.9	10.0	93
	1116	5	12.0	21	6.9	9.9	93
	1117	10	12.0	21	6.9	9.9	93
	1118	15	12.0	21	6.8	9.9	93
	1119	20	12.0	21	6.8	9.9	93
	1120	25	12.0	21	6.8	9.9	93
	1121	30	12.0	21	6.8	9.9	92
	1122	35	12.0	22	6.8	9.9	92
	1123	37	12.0	22	6.8	9.8	92
92-04-28	1105	0	19.0	35	6.9	9.0	98
	1106	5	19.0	35	6.9	9.0	97
	1107	10	19.0	32	6.9	9.0	97
	1108	15	18.5	30	6.9	8.9	95
	1109	20	18.5	29	6.8	8.9	95
	1110	25	18.5	21	6.7	8.6	91
	1111	30	18.5	20	6.6	8.6	91
	1112	35	16.5	22	6.2	6.0	61
92-06-02	1230	0	20.5	20	6.4	8.1	91
	1231	5	20.5	18	6.5	8.0	89
	1232	10	20.5	19	6.4	7.5	84
	1233	15	20.0	19	6.2	6.6	73
	1234	20	20.0	19	6.1	6.3	70
	1235	25	19.0	20	6.1	4.3	47
	1236	30	18.5	23	6.0	2.8	30
	1237	35	17.5	26	6.0	1.3	14
	1238	40	17.5	28	6.0	1.0	10
	1239	42	17.5	28	6.1	.8	9

Table 30.--Physicochemical values, Lake Maumelle near Pinnacle, Arkansas (072632992)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-06-17	1210	0	27.0	22	7.0	8.2	104
	1211	5	27.0	22	7.0	8.2	103
	1212	10	26.5	22	6.9	8.2	103
	1213	12	24.0	26	6.9	8.8	105
	1214	14	23.5	28	7.0	8.9	105
	1215	16	22.5	30	6.7	8.0	93
	1216	18	21.5	22	6.4	7.1	82
	1217	20	21.5	23	6.2	6.6	76
	1218	22	20.5	23	5.9	5.0	56
	1219	24	20.5	24	5.9	4.2	47
	1220	27	19.5	28	5.9	1.9	21
	1221	30	19.0	29	5.9	1.4	16
	1222	35	19.0	31	6.0	.8	8
	1223	40	19.0	32	6.0	.5	5
92-07-09	1145	0	30.0	22	6.9	7.6	101
	1146	5	29.5	21	7.0	7.6	100
	1147	10	29.0	21	7.1	7.6	99
	1148	15	29.0	22	6.9	7.4	97
	1149	17	28.0	22	6.2	6.7	86
	1150	18	26.5	22	5.9	5.9	74
	1151	19	25.0	23	5.6	3.6	44
	1152	20	23.0	25	5.6	1.9	22
	1153	21	22.0	26	5.6	1.3	15
	1154	22	21.0	26	5.5	1.1	12
	1155	23	21.0	26	5.5	.7	8
	1156	25	20.5	28	5.6	.3	3
	1157	30	19.5	35	5.8	.3	3
	1158	35	19.5	37	6.0	.3	3
	1159	40	19.5	39	6.1	.3	3
	1200	42	19.5	40	6.1	.3	3
92-07-30	1035	0	29.0	25	6.4	7.9	103
	1036	5	29.0	25	6.6	7.7	101
	1037	10	29.0	25	6.7	7.7	101
	1038	15	28.0	25	6.3	6	77
	1039	18	27.0	26	5.8	3.8	48
	1040	20	26.0	26	5.5	1.1	14
	1041	22	24.5	29	5.6	.1	1
	1042	24	23.5	33	5.7	.1	1
	1043	26	21.5	37	5.8	.1	1
	1044	28	21.0	40	5.9	.1	1
	1045	30	20.0	50	6.1	.1	1
	1046	35	19.5	56	6.2	.1	1
	1047	40	19.5	57	6.3	.1	1
92-08-13	1310	0	29.0	26	6.9	7.7	100
	1311	5	28.5	26	7.0	7.6	99
	1312	10	28.5	26	6.9	7.6	98
	1313	15	28.0	26	6.9	7.5	97
	1314	20	28.0	26	6.7	7.1	91
	1315	22	27.0	27	6.1	3.9	49
	1316	23	26.0	28	5.7	2	25
	1317	24	25.5	32	5.6	.3	4
	1318	25	23.0	38	5.7	.1	1
	1319	30	21.0	57	6.0	.1	1
	1320	35	20.0	66	6.3	.1	1
	1321	40	20.0	68	6.4	.1	1
	1322	45	19.5	70	6.5	.1	1

Table 30.--Physicochemical values, Lake Maumelle near Pinnacle, Arkansas (072632992)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-09-03	1050	0	26.0	23	6.4	7.3	89
	1051	5	25.5	23	6.4	7.2	88
	1052	10	25.5	23	6.4	7.1	87
	1053	15	25.5	23	6.4	7.0	86
	1054	18	25.5	22	6.4	6.9	85
	1055	20	25.5	22	6.9	6.9	84
	1056	22	25.5	23	6.3	6.9	84
	1057	24	25.5	23	6.3	6.9	84
	1058	25	25.5	22	6.3	6.8	83
	1059	26	25.5	23	6.3	6.5	80
	1100	27	23.5	39	6.0	.1	1
	1101	28	22.0	55	6.3	.1	1
	1102	29	21.0	60	6.4	<.1	1
	1103	30	21.0	62	6.4	<.1	1
	1104	35	20.0	71	6.6	<.1	1
	1105	40	20.0	74	6.6	<.1	1
	1106	45	20.0	76	6.7	<.1	1
92-09-28	1205	0	23.5	24	6.1	6.4	76
	1206	5	23.0	24	6.1	5.9	69
	1207	10	23.0	24	6.1	5.8	68
	1208	15	23.0	24	6.1	5.7	67
	1209	20	23.0	25	6.1	5.5	65
	1210	25	23.0	24	6.1	5.7	67
	1211	28	23.0	24	6.0	5.7	67
	1212	30	23.0	25	5.9	.7	8
	1213	32	21.5	78	6.5	.1	1
	1214	34	20.5	88	6.6	.1	1
	1215	36	20.5	93	6.7	.1	1
	1216	40	20.0	100	6.7	.1	1
	1217	44	20.0	103	6.8	.1	1
92-10-21	1015	0	19.5	29	6.6	8.2	90
	1016	5	19.0	24	6.6	8.1	87
	1017	10	19.0	24	6.6	8.0	87
	1018	15	19.0	24	6.6	8.0	86
	1019	20	19.0	24	6.6	8.0	86
	1020	25	19.0	24	6.6	8.0	86
	1021	30	19.0	24	6.6	7.9	86
	1022	35	19.0	24	6.6	7.9	85
	1023	40	19.0	24	6.5	7.9	85
	1024	43	19.0	24	6.5	7.7	83

Table 31.--Physicochemical values, Lake Maumelle near Natural Steps, Arkansas (072632995)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-26	1230	0	25.0	24	6.6	8.4	103
	1232	2	25.0	24	6.6	8.3	101
	1234	5	24.5	24	6.6	8.2	100
	1236	8	24.5	24	6.6	8.2	99
	1238	10	24.5	24	6.6	8.2	99
	1240	17	24.0	24	6.5	8.1	98
	1242	20	23.0	24	6.3	8.1	95
	1244	21	22.0	24	6.2	7.5	86
	1246	22	21.0	24	6.1	7.3	83
	1248	23	20.0	24	5.9	6.8	76
	1250	26	19.0	25	5.8	5.6	61
	1252	30	18.0	27	5.8	4.2	45
	1254	38	17.5	30	5.8	3.2	34
89-08-30	1030	0	29.0	26	7.7	7.8	103
	1032	2	29.0	26	7.8	7.7	101
	1034	7	29.0	26	7.8	7.6	100
	1036	10	29.0	26	7.8	7.6	100
	1038	19	28.0	27	6.9	5.2	67
	1040	20	27.0	27	6.2	3.6	45
	1042	23	26.0	28	5.7	1.2	15
	1044	24	24.0	35	5.7	.2	3
	1046	25	23.0	40	5.7	.2	2
	1048	26	22.5	47	5.9	.2	2
	1050	28	21.5	58	6.1	.1	1
	1052	30	20.5	67	6.2	.1	1
	1054	38	19.5	75	6.4	.1	1
90-01-31	1100	0	7.5	25	6.6	12.2	102
	1102	2	7.5	25	6.7	12.0	100
	1104	7	7.5	25	6.7	11.9	99
	1106	10	7.5	25	6.8	11.8	99
	1108	20	7.0	26	6.8	11.8	97
	1110	28	7.0	26	6.8	11.7	97
	1112	30	7.0	25	6.8	11.7	97
	1114	35	7.0	25	6.8	11.6	96
90-04-04	1330	0	17.5	23	6.6	10.7	113
	1332	2	16.0	23	6.7	10.4	107
	1334	8	15.5	23	6.8	10.3	104
	1336	10	15.0	23	6.9	10.2	103
	1338	20	15.0	23	6.9	9.9	99
	1340	24	14.0	24	6.6	9.6	94
	1342	30	13.5	24	6.5	9.0	88
	1344	31	13.5	24	6.4	8.9	87
	1346	39	13.0	25	6.4	8.2	78
90-06-25	0940	0	29.0	23	6.8	7.5	98
	0942	2	29.0	23	6.9	7.4	97
	0944	10	28.5	23	6.8	7.2	93
	0946	12	27.5	24	6.6	6.8	87
	0948	13	26.5	24	6.1	6.1	76
	0950	14	24.5	24	6.2	6.8	82
	0952	15	23.5	24	6.1	6.0	71
	0954	17	22.5	24	5.7	4.1	48
	0956	20	21.5	24	5.6	3.6	41
	0958	25	20.5	29	5.5	1.4	16
	1000	30	20.0	30	5.5	.7	8
	1002	36	19.5	33	5.6	.2	2

Table 31.--Physicochemical values, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
90-08-31	1300	0	30.0	25	7.2	7.2	96
	1302	2	30.0	25	7.3	7.1	95
	1304	7	30.0	25	7.4	6.9	92
	1306	10	30.0	25	7.5	6.9	92
	1308	15	29.0	25	7.4	6.6	86
	1310	17	28.0	25	6.9	5.4	70
	1312	20	27.0	26	6.2	2.8	35
	1314	22	26.0	27	5.8	1.0	12
	1316	24	25.0	27	5.6	.2	2
	1318	26	24.0	31	5.6	.1	1
	1320	27	23.0	42	5.8	.1	1
	1322	28	22.0	51	6.0	.1	1
	1324	30	21.5	64	6.1	.1	1
	1326	32	20.5	71	6.3	.1	1
	1328	40	20.0	74	6.4	.1	1
91-01-11	1250	0	6.0	22	6.9	12.0	98
	1251	10	6.0	22	6.9	11.9	96
	1252	20	6.0	22	6.9	11.8	96
	1253	30	6.0	21	6.9	11.7	95
	1254	40	6.0	21	6.8	11.7	94
91-02-08	1226	0	9.0	23	6.5	11.6	100
	1227	5	9.0	23	6.5	11.5	99
	1228	10	8.5	23	6.5	11.6	98
	1229	15	8.5	23	6.5	11.6	98
	1230	20	8.5	23	6.5	11.5	98
	1231	25	8.0	23	6.4	11.4	96
	1232	30	6.5	23	6.4	10.9	89
	1233	35	6.5	23	6.4	10.9	88
	1234	38	6.5	23	6.3	10.8	88
91-03-06	1417	0	10.5	22	6.5	10.7	98
	1418	5	10.0	22	6.5	10.6	96
	1419	10	10.0	22	6.6	10.6	96
	1420	15	10.0	22	6.6	10.5	95
	1421	20	10.0	22	6.5	10.5	95
	1422	25	10.0	22	6.5	10.5	95
	1423	30	10.0	22	6.5	10.4	94
	1424	25	9.5	22	6.5	9.9	89
	1425	37	9.5	22	6.5	10.3	92
91-04-04	1440	0	16.5	23	6.3	9.5	97
	1441	5	15.0	24	6.3	9.5	94
	1442	10	14.5	23	6.3	9.3	91
	1443	15	14.0	23	6.2	9.0	87
	1444	20	14.0	23	6.2	8.8	85
	1445	25	14.0	23	6.1	8.7	84
	1446	30	14.0	23	6.1	8.7	84
	1447	35	13.5	23	6.1	8.5	82
91-04-23	1100	0	19.5	38	7.5	9.0	99
	1101	2	18.5	38	7.5	8.9	96
	1102	5	18.0	37	7.4	8.8	95
	1103	10	17.5	36	7.4	8.8	93
	1104	15	17.5	36	7.2	8.2	87
	1105	20	17.0	35	7.1	7.7	81
	1106	25	16.5	35	7.0	7.3	76
	1107	30	16.5	34	6.9	7.2	74
	1108	35	15.5	36	6.7	5.9	60
91-06-07	1005	0	27.5	26	6.6	7.3	94
	1006	5	27.5	24	6.6	7.3	93
	1007	10	26.5	24	6.6	7.4	92
	1008	11	24.5	25	6.4	7.4	88
	1009	12	24.0	25	6.2	7.3	87
	1010	13	23.5	24	6.1	7.1	84
	1011	15	23.0	25	6.0	6.1	72
	1012	17	22.0	25	5.9	5.5	62
	1013	20	21.5	25	5.8	4.7	53
	1014	25	20.0	26	5.6	3.1	34
	1015	30	19.5	29	5.6	2.0	21
	1016	35	19.0	29	5.6	1.5	16
	1017	40	18.5	31	5.7	1.0	10

Table 31.--Physicochemical values, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-06-27	1255	0	28.0	24	7.4	8.0	103
	1256	5	28.0	23	7.4	8.0	103
	1257	10	27.5	23	7.3	7.9	102
	1258	15	26.5	23	6.5	6.1	76
	1259	18	25.5	22	6.1	5.4	66
	1300	20	25.0	22	5.8	5.1	62
	1301	21	23.5	23	5.7	3.7	44
	1302	22	22.5	24	5.6	2.7	31
	1303	23	21.0	25	5.6	1.5	17
	1304	24	20.5	27	5.6	1.0	12
	1305	25	20.5	28	5.7	.9	9
	1306	30	19.5	29	5.7	.2	2
	1307	35	19.0	33	5.9	.1	1
	1308	39	19.0	34	6.0	.1	1
91-07-10	1030	0	30.5	22	7.0	7.4	99
	1031	5	30.5	22	7.0	7.4	99
	1032	10	30.5	23	7.0	7.3	98
	1033	15	30.0	23	6.9	7.3	98
	1034	18	30.0	22	6.9	7.3	97
	1035	19	30.0	23	6.9	7.4	99
	1036	20	25.5	25	5.7	3.1	38
	1037	21	23.5	26	5.6	.8	9
	1038	22	21.5	29	5.6	.3	3
	1039	23	20.5	33	5.7	.3	3
	1040	25	20.0	36	5.9	.2	3
	1041	30	19.5	40	6.0	.2	3
	1042	35	19.0	42	6.1	.2	3
	1043	40	19.0	44	6.2	.2	3
91-08-08	1135	0	31.0	22	7.1	7.3	99
	1136	5	30.5	22	7.2	7.4	99
	1137	10	30.0	22	7.5	7.6	101
	1138	15	29.5	22	7.2	7.6	99
	1139	18	28.5	22	6.4	6.9	89
	1140	20	28.0	22	6.1	5.9	76
	1141	21	27.0	23	5.6	4.1	52
	1142	22	26.0	23	5.4	.6	8
	1143	23	25.0	25	5.4	.3	3
	1144	24	23.5	28	5.5	.3	4
	1145	26	21.5	39	5.8	.2	3
	1146	28	20.5	45	6.0	.3	3
	1147	30	19.5	52	6.2	.2	3
	1148	35	19.5	53	6.3	.3	3
	1149	40	19.0	53	6.3	.2	3
	1150	45	19.0	54	6.3	.2	3
91-08-28	1305	0	28.5	28	6.8	7.7	100
	1306	5	27.5	28	6.9	7.9	101
	1307	10	27.5	28	6.6	7.7	98
	1308	15	27.5	27	6.5	7.2	92
	1310	20	26.5	28	5.8	4.5	57
	1311	21	26.5	28	5.5	2.8	35
	1312	22	25.5	28	5.4	.7	9
	1313	23	24.5	31	5.4	.4	5
	1314	24	23.5	39	5.6	.2	2
	1315	25	22.5	46	5.7	.2	2
	1316	26	21.5	53	5.9	.2	2
	1317	28	20.0	64	6.2	.2	2
	1318	30	20.0	68	6.3	.2	2
	1319	35	19.5	69	6.4	.2	2
	1320	40	19.5	70	6.4	.2	2
	1321	45	19.0	72	6.5	.2	2

Table 31.--Physicochemical values, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-09-11	1440	0	30.0	22	8.1	8.0	106
	1441	5	29.0	23	8.1	8.0	105
	1442	10	28.5	23	8.1	8.4	109
	1443	15	28.0	23	8.0	8.1	104
	1444	18	27.5	23	7.9	7.8	100
	1445	20	27.5	23	7.5	7.3	93
	1446	22	27.0	23	7.2	6.2	79
	1447	23	27.0	23	6.9	4.8	61
	1448	24	25.0	32	6.6	.1	1
	1449	25	23.0	50	6.7	.1	1
	1450	26	22.0	59	6.8	<.1	1
	1451	27	22.0	64	6.9	<.1	1
	1452	28	21.0	69	7.0	<.1	1
	1453	30	20.5	75	7.0	<.1	1
	1454	35	20.0	81	7.1	<.1	1
	1455	40	19.5	80	7.1	<.1	<.1
	1456	44	19.5	81	7.1	<.1	1
91-10-04	1005	0	23.0	26	6.2	7.7	91
	1006	5	23.0	26	6.2	7.7	90
	1007	10	23.0	26	6.2	7.6	90
	1008	15	23.0	26	6.2	7.1	84
	1009	20	22.0	26	5.8	5.4	63
	1010	25	22.0	26	5.7	4.9	57
	1011	30	22.0	27	5.7	4.1	48
	1012	35	20.5	83	6.3	.3	3
	1013	37	20.0	86	6.4	.3	3
91-11-07	1050	0	13.5	36	7.2	9.7	94
	1051	5	13.5	33	7.2	9.6	92
	1052	10	13.5	32	7.2	9.5	91
	1053	15	13.5	31	7.2	9.5	91
	1054	20	13.5	31	7.1	9.4	91
	1055	25	13.5	30	7.1	9.4	91
	1056	30	13.5	30	7.1	9.4	90
	1057	35	13.5	30	7.1	9.4	90
	1058	40	13.5	29	7.1	9.3	90
	1059	45	13.5	28	7.1	9.3	90
92-01-21	1130	0	7.0	23	7.6	11.7	97
	1131	5	7.0	24	7.6	11.6	96
	1132	10	6.5	24	7.5	11.6	95
	1133	15	6.5	24	7.5	11.6	95
	1134	20	6.5	24	7.5	11.6	95
	1135	25	6.5	24	7.5	11.6	95
	1136	30	6.5	24	7.5	11.5	94
	1137	35	6.5	24	7.5	11.5	94
	1138	40	6.5	24	7.4	11.6	94
	1139	45	6.5	24	7.4	11.5	94
92-02-06	1115	0	8.0	23	6.6	11.4	97
	1116	5	8.0	23	6.6	11.4	96
	1117	10	8.0	23	6.7	11.4	96
	1118	15	7.5	24	6.7	11.4	95
	1119	20	7.5	23	6.7	11.3	95
	1120	25	7.5	24	6.7	11.3	95
	1121	30	7.5	23	6.7	11.3	94
	1122	35	7.5	24	6.7	11.2	94
	1123	40	7.5	23	6.7	11.1	92
	1124	45	7.5	24	6.6	10.9	91
	1125	48	7.5	23	6.6	10.7	89
92-03-23	1320	0	14.0	23	6.9	10.1	97
	1321	5	12.5	23	6.8	10.1	94
	1322	10	12.5	23	6.8	10.1	94
	1323	15	12.5	23	6.8	10.1	93
	1324	20	12.5	23	6.8	10.0	93
	1325	25	12.5	23	6.8	10.0	93
	1326	30	12.0	23	6.8	10.0	93
	1327	35	12.0	23	6.8	10.0	92
	1328	40	12.0	23	6.8	10.1	93
	1329	45	12.0	23	6.8	10.0	92
	1330	47	12.0	23	6.8	10.0	92

Table 31.--Physicochemical values, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-04-28	1310	0	20.0	35	6.9	9.0	99
	1311	5	20.0	35	7.0	9.0	99
	1312	10	19.5	35	6.9	9.0	98
	1313	15	19.5	31	6.9	8.8	95
	1314	20	18.5	22	6.7	8.6	92
	1315	25	18.5	20	6.6	8.5	90
	1316	30	17.5	21	6.4	7.0	73
	1317	35	16.0	22	6.2	6.0	61
	1318	40	15.0	22	6.2	6.1	60
	1319	45	14.5	22	6.1	5.6	55
92-06-02	1350	0	20.0	23	6.6	8.4	94
	1351	5	20.0	18	6.6	8.1	91
	1352	10	20.0	19	6.5	7.8	86
	1353	15	20.0	19	6.4	7.3	80
	1354	20	19.5	19	6.3	5.8	63
	1355	25	19.0	21	6.1	3.9	43
	1356	30	18.0	24	6.0	2.2	24
	1357	35	17.5	27	6.0	1.2	13
	1358	40	17.5	27	6.1	1.1	11
	1359	45	17.0	29	6.1	.6	6
	1400	46	16.5	29	6.1	.6	6
92-06-17	1305	0	27.0	22	7.0	8.2	105
	1306	5	27.0	22	6.9	8.1	103
	1307	10	27.0	22	7.0	8.1	103
	1308	12	26.0	22	6.9	8.4	104
	1309	14	25.0	26	6.9	8.6	105
	1310	16	23.0	26	6.9	8.6	101
	1311	18	22.5	29	6.8	8.2	96
	1312	20	22.0	22	6.5	7.6	88
	1313	22	21.0	23	6.2	5.7	64
	1314	24	20.5	24	6.0	4.4	49
	1315	27	20.0	26	5.9	2.8	30
	1316	30	19.5	27	5.9	2.5	27
	1317	35	19.0	30	5.9	1.0	11
	1318	40	18.5	32	6.0	.7	8
92-07-10	1055	0	30.0	25	6.7	7.4	98
	1056	5	30.0	25	6.8	7.4	99
	1057	10	30.0	24	6.8	7.4	98
	1058	15	30.0	25	6.7	7.3	97
	1059	17	29.5	25	6.4	7.1	93
	1100	18	27.5	26	6.2	5.2	66
	1101	19	24.5	28	5.6	3.4	41
	1102	20	23.5	28	5.6	2.9	35
	1103	21	23.0	28	5.5	2.2	26
	1104	23	22.5	29	5.6	1.8	21
	1105	25	21.5	31	5.6	.8	9
	1106	27	20.5	34	5.6	.3	3
	1107	30	20.0	38	5.8	.3	3
	1108	35	19.5	46	6.0	.3	3
	1109	40	19.5	46	6.0	.3	3
	1110	45	19.0	51	6.2	.3	3
92-07-30	1135	0	29.0	25	6.7	7.9	103
	1136	5	29.0	25	6.8	7.7	101
	1137	10	29.0	25	6.8	7.6	100
	1138	15	29.0	25	6.8	7.6	100
	1139	18	29.0	25	6.8	7.5	99
	1140	20	27.0	26	6.1	3.7	47
	1141	22	26.0	26	5.8	1.0	12
	1142	24	24.5	28	5.6	.1	1
	1143	26	21.0	43	6.0	.1	1
	1144	28	20.5	49	6.1	.1	1
	1145	30	20.0	52	6.2	.1	1
	1146	35	19.5	55	6.3	.1	1
	1147	40	19.5	56	6.3	.1	1
	1148	45	19.5	57	6.4	.1	1
	1149	47	19.0	57	6.4	.1	1

Table 31.--Physicochemical values, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-08-13	1400	0	28.0	26	6.7	7.6	97
	1401	5	28.0	26	6.8	7.6	97
	1402	10	28.0	26	6.7	7.5	95
	1403	15	28.0	26	6.6	7.3	93
	1404	20	27.5	26	6.3	5.7	72
	1405	21	27.0	26	5.9	5.0	63
	1406	22	27.0	27	5.9	4.3	55
	1407	23	27.0	27	5.8	4.0	50
	1408	24	26.5	27	5.6	2.1	27
	1409	25	24.5	33	5.6	.3	3
	1410	27	22.5	44	5.9	.1	1
	1411	30	20.5	62	6.1	.1	1
	1412	35	20.0	64	6.3	.1	1
	1413	40	19.5	66	6.4	.1	1
	1414	45	19.5	68	6.5	.1	1
92-09-03	1215	0	26.0	23	6.5	7.3	90
	1216	5	25.5	23	6.5	7.1	87
	1217	10	25.5	23	6.4	6.8	83
	1218	15	25.5	23	6.3	6.7	82
	1219	20	25.5	23	6.3	6.6	81
	1220	22	25.5	23	6.3	6.6	81
	1221	24	25.5	23	6.2	6.2	75
	1222	26	25.0	24	6.1	4.6	56
	1223	27	24.5	27	5.9	1.2	15
	1224	28	24.0	30	5.9	.1	1
	1225	29	23.0	42	6.1	.1	1
	1226	30	22.0	52	6.3	<.1	1
	1227	35	20.5	66	6.5	<.1	1
	1228	40	20.0	68	6.6	<.1	1
	1229	45	19.5	70	6.6	<.1	1
92-09-28	1300	0	24.0	24	6.2	6.4	77
	1301	5	23.5	24	6.2	6.0	70
	1302	10	23.0	24	6.2	6.1	72
	1303	15	23.0	24	6.1	6.1	71
	1304	20	23.0	24	6.1	6.0	70
	1305	25	23.0	24	6.1	6.0	70
	1306	27	23.0	26	6.1	4.1	---
	1307	28	23.0	26	5.9	3.7	43
	1308	29	23.0	27	5.9	2.7	31
	1309	30	23.0	32	5.9	.1	1
	1310	31	22.5	47	6.1	.1	1
	1311	32	21.5	77	6.4	.1	1
	1312	33	21.0	82	6.5	.1	1
	1313	34	21.0	86	6.6	.1	1
	1314	35	20.5	88	6.6	.1	1
	1315	40	20.0	88	6.7	<.1	1
	1316	46	19.5	98	6.8	<.1	1
92-10-21	1105	0	19.5	24	6.7	8.1	88
	1106	5	19.0	24	6.6	7.9	85
	1107	10	19.0	24	6.6	7.8	85
	1108	15	19.0	24	6.6	7.8	84
	1109	20	19.0	24	6.6	7.8	84
	1110	25	19.0	24	6.6	7.8	84
	1111	30	19.0	24	6.6	7.8	84
	1112	35	19.0	24	6.6	7.7	84
	1113	40	19.0	24	6.6	7.7	83
	1114	45	19.0	25	6.5	7.6	82

Table 32.--Physicochemical values, Alum Fork Saline River near Reform, Arkansas (07362587)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data]

Date	Time	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-22	1000	20.0	21	6.0	8.6	97
89-08-28	1000	25.5	33	6.8	6.7	84
89-10-02	0930	17.0	25	6.6	7.7	82
90-01-19	1030	7.5	22	6.1	10.7	91
90-01-29	0945	6.0	23	6.5	11.8	97
90-03-30	1030	11.0	20	6.5	12.2	114
90-04-02	0900	12.5	20	6.5	10.1	97
90-08-28	1000	30.0	42	6.7	6.1	82
91-02-05	1100	10.0	18	6.6	11.2	101
91-06-04	1030	25.5	22	5.7	8.0	100
91-08-29	1115	25.5	47	6.2	6.0	73
91-10-29	1100	18.0	21	5.9	8.7	94
92-02-03	1045	9.0	19	6.0	11.3	98
92-05-21	1245	25.5	---	6.1	8.2	---
92-08-24	1220	26.0	25	6.1	8.5	106

Table 33.--Physicochemical values, Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-23	1345	0	26.0	21	6.1	7.9	100
	1347	2	25.0	21	6.1	7.9	98
	1349	3	24.0	21	6.0	7.8	95
	1351	6	23.0	22	6.0	7.8	93
	1353	7	22.5	22	5.9	7.5	89
	1355	8	21.5	22	5.8	7.3	85
	1357	11	21.0	23	5.8	7.0	81
	1359	13	20.0	26	5.8	6.5	73
	1401	14	20.0	24	5.7	6.5	73
89-08-29	0930	0	29.5	25	6.8	7.7	104
	0932	2	29.5	24	6.6	7.5	100
	0934	5	29.5	24	6.5	7.4	99
	0936	7	29.0	24	6.3	6.7	89
	0938	9	28.5	25	5.9	5.2	69
	0940	11	27.0	27	5.5	3.8	49
	0942	13	25.5	27	5.4	1.8	22
90-01-30	1000	0	7.5	22	6.4	11.1	95
	1002	2	7.5	22	6.4	11.1	95
	1004	5	7.0	22	6.4	11.1	94
	1006	9	7.0	22	6.4	11.1	94
	1008	10	7.0	21	6.5	11.0	93
	1010	12	7.0	21	6.4	11.1	94
90-04-03	0930	0	12.5	19	6.1	9.8	94
	0932	2	12.5	19	6.2	9.4	90
	0934	3	12.5	19	6.2	9.4	90
	0936	10	12.5	19	6.2	9.0	86
	0938	12	11.5	20	6.2	9.0	84
	0940	15	11.0	20	6.2	8.8	81
90-08-27	1100	0	30.5	22	6.0	7.2	98
	1101	1	29.5	22	6.1	7.1	95
	1102	2	29.5	21	6.1	6.8	91
	1105	4	29.5	22	6.0	6.4	86
	1107	6	29.0	23	6.0	5.8	77
	1109	8	28.5	22	5.8	4.5	59
	1110	10	28.0	23	5.6	2.7	36
	1111	11	27.0	24	5.5	.7	9
	1112	12	25.5	25	5.4	.2	2
	1114	13	23.5	32	5.5	.1	1
	1116	14	22.5	39	5.6	.1	1
	1118	15	22.0	40	5.6	.1	1
	1119	16	20.5	51	5.7	.1	1
	1121	17	18.5	55	5.9	.1	1
	1122	18	18.5	58	6.1	.1	1

Table 34.--Physicochemical values, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-24	1000	0	25.5	21	6.4	8.5	107
	1002	2	25.5	21	6.4	8.5	107
	1004	3	25.0	21	6.4	8.4	106
	1006	4	24.5	21	6.5	8.5	105
	1008	5	23.0	20	6.5	8.7	105
	1010	8	22.0	20	6.4	8.7	103
	1012	10	21.5	20	6.4	8.7	102
	1014	13	20.5	20	6.3	8.1	93
	1016	15	19.5	20	6.0	7.7	86
	1018	17	18.5	20	5.9	7.3	81
	1020	18	17.5	20	5.8	6.9	75
	1022	20	16.5	20	5.8	6.5	69
	1024	22	15.5	20	5.8	6.6	69
	1026	23	13.5	20	5.8	6.8	68
	1028	25	12.5	20	6.0	7.2	70
	1030	27	11.5	20	5.9	7.4	69
	1032	30	10.5	20	5.9	7.3	67
	1034	33	9.5	20	5.9	7.6	69
	1036	40	8.5	20	6.0	7.7	68
	1038	50	7.5	20	6.7	8.2	71
	1040	54	7.5	20	6.2	8.4	72
	1042	60	7.0	21	6.1	8.1	69
	1044	67	7.0	21	6.0	7.9	68
89-08-29	1025	0	29.5	24	6.2	7.7	103
	1027	2	29.5	24	6.3	7.6	102
	1029	5	29.5	24	6.3	7.5	101
	1031	10	29.0	23	6.3	7.4	98
	1033	12	28.0	24	6.1	7.0	91
	1035	14	26.5	25	5.8	5.0	64
	1037	15	25.5	24	5.6	4.5	56
	1039	16	24.5	24	5.5	3.6	44
	1041	17	23.0	24	5.3	1.6	20
	1043	18	22.0	24	5.3	.5	6
	1045	19	21.5	24	5.3	.5	5
	1047	20	20.0	25	5.3	.3	3
	1049	21	17.5	24	5.4	.4	4
	1051	22	16.5	24	5.4	.7	7
	1053	23	15.5	22	5.4	1.4	14
	1055	25	14.5	23	5.6	2.2	22
	1057	27	13.5	23	5.6	2.8	27
	1059	29	12.0	23	5.7	2.9	28
	1101	30	11.5	23	5.8	3.2	30
	1103	35	10.5	23	5.8	3.2	30
	1105	40	9.0	23	5.9	4.1	36
	1107	42	9.0	24	5.9	4.1	36
	1109	50	8.5	24	6.0	4.2	36
	1111	54	8.0	24	6.1	4.5	39
90-01-30	1100	0	7.0	22	6.5	12.5	106
	1102	2	7.0	22	6.5	12.0	102
	1104	10	7.0	22	6.6	11.8	100
	1106	12	6.5	22	6.6	11.7	98
	1108	20	6.5	22	6.6	11.7	98
	1110	30	6.5	22	6.6	11.5	96
	1112	40	6.5	22	6.6	11.4	96
	1114	47	6.5	22	6.6	11.5	96
	1116	50	6.5	21	6.6	11.4	96
	1118	59	6.5	21	6.6	11.3	95

Table 34.--Physicochemical values, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
90-04-03	1030	0	13.5	20	6.3	10.7	105
	1032	2	13.5	20	6.4	10.0	97
	1034	10	13.0	20	6.4	9.8	96
	1036	12	13.0	20	6.4	9.8	95
	1038	20	12.5	20	6.5	9.5	91
	1040	25	11.5	20	6.4	9.3	86
	1042	30	10.5	20	6.4	9.0	83
	1044	40	10.0	21	6.3	8.9	80
	1046	48	9.0	21	6.3	8.6	76
	1048	50	9.0	21	6.3	8.5	75
	1050	60	9.0	21	6.2	8.5	74
90-08-27	1335	0	31.5	22	6.3	7.5	104
	1336	1	31.0	22	6.3	7.2	99
	1337	2	30.5	21	6.4	7.3	100
	1338	5	29.5	21	6.4	7.4	99
	1339	8	29.5	22	6.4	7.4	99
	1340	10	29.0	21	6.3	7.3	97
	1341	11	28.0	22	6.3	7.1	93
	1343	12	27.0	21	6.0	6.2	79
	1344	13	25.0	21	5.8	5.2	65
	1345	14	24.0	21	5.7	3.7	45
	1346	15	22.0	21	5.6	2.6	30
	1348	16	21.0	21	5.6	1.8	21
	1350	17	19.5	21	5.7	1.6	18
	1351	18	18.0	22	5.8	1.3	14
	1353	19	17.5	22	5.9	.8	9
	1355	20	16.0	23	5.9	1.0	10
	1356	21	15.5	21	5.9	1.4	14
	1358	22	15.0	21	5.9	1.1	11
	1400	23	14.5	22	6.0	1.8	18
	1401	24	13.5	23	6.0	1.0	10
	1402	25	13.5	24	6.0	.9	9
	1404	27	13.0	24	6.0	1.3	12
	1405	30	12.5	25	6.1	1.4	13
	1406	35	11.5	23	6.1	2.3	21
	1407	40	11.0	24	6.1	2.4	22
	1409	45	10.5	25	6.1	2.4	22
	1411	50	10.5	25	6.2	2.3	21
	1412	55	10.0	25	6.2	2.3	21
	1413	57	10.0	26	6.1	1.7	15

Table 35.--Physicochemical values, Lake Winona at Reform, Arkansas (07362590)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
89-05-24	1315	0	24.5	20	6.7	8.5	105
	1317	2	24.0	20	6.8	8.5	104
	1319	10	24.0	20	6.7	8.6	106
	1321	11	23.0	20	6.6	8.4	101
	1323	12	20.0	20	6.4	8.3	95
	1325	15	19.5	20	6.2	7.9	88
	1327	17	18.5	20	6.0	7.5	82
	1329	18	17.5	20	5.9	6.9	75
	1331	20	17.0	20	5.8	6.9	73
	1333	22	16.0	20	5.8	6.9	72
	1335	23	14.5	20	5.8	6.9	70
	1337	24	13.0	20	5.9	7.2	71
	1339	26	12.0	20	5.9	7.4	71
	1341	28	11.0	20	5.9	7.5	71
	1343	30	10.5	20	5.9	7.7	71
	1345	34	9.5	20	5.9	8.0	72
	1347	38	9.0	20	6.0	8.2	73
	1349	40	8.5	20	5.9	8.3	74
	1351	50	8.0	20	6.1	8.7	75
	1353	60	7.5	20	6.0	8.7	75
	1355	70	7.0	20	6.0	8.6	73
	1357	72	7.0	20	6.0	8.6	73
	1359	80	7.0	20	6.1	8.3	71
	1401	90	7.0	20	6.1	8.1	69
89-08-29	1140	0	30.5	23	6.3	7.6	103
	1142	2	29.5	23	6.5	7.5	101
	1144	5	29.5	23	6.5	7.4	100
	1146	10	29.0	23	6.5	7.3	97
	1148	13	28.0	24	6.2	6.3	83
	1150	14	26.5	24	5.9	5.9	75
	1152	15	25.5	24	5.7	4.5	56
	1154	16	24.0	24	5.6	2.9	35
	1156	17	22.5	24	5.4	1.5	17
	1158	18	21.0	23	5.3	.7	8
	1200	19	20.5	24	5.4	.6	7
	1202	20	19.5	24	5.4	.5	6
	1204	21	18.0	24	5.4	.5	6
	1206	22	17.0	24	5.4	.9	10
	1208	23	16.0	23	5.4	1.4	14
	1210	24	15.5	22	5.5	1.7	18
	1212	25	14.5	22	5.5	2.4	24
	1214	26	13.5	22	5.6	3.0	29
	1216	28	12.5	21	5.7	3.8	36
	1218	30	11.5	21	5.7	3.9	37
	1220	32	10.5	21	5.7	4.7	43
	1222	37	10.0	22	5.8	5.3	48
	1224	40	9.5	22	5.8	5.5	49
	1226	50	8.5	22	5.8	6.2	54
	1228	60	8.0	21	5.8	6.0	52
	1230	61	8.0	22	5.9	5.9	51
	1232	70	7.5	23	6.0	5.5	47
	1234	80	7.5	24	5.9	4.8	41
	1236	85	7.5	24	6.0	4.6	40
90-01-30	1230	0	7.0	22	6.6	11.9	101
	1232	2	7.0	22	6.6	11.8	100
	1234	10	6.5	22	6.6	11.6	97
	1236	18	6.5	22	6.6	11.6	97
	1238	20	6.5	22	6.6	11.5	96
	1240	30	6.5	22	6.6	11.4	95
	1242	40	6.5	22	6.6	11.4	95
	1244	50	6.5	21	6.6	11.4	95
	1246	60	6.5	21	6.6	11.4	95
	1248	70	6.5	22	6.6	11.3	95
	1250	72	6.5	21	6.6	11.3	95
	1252	80	6.5	21	6.6	11.3	95
	1254	90	6.5	21	6.7	11.3	95

Table 35.--Physicochemical values, Lake Winona at Reform, Arkansas (07362590)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
90-04-03	1200	0	14.0	19	6.5	10.5	104
	1202	2	14.0	19	6.5	10.0	99
	1204	10	14.0	19	6.5	9.7	96
	1206	15	13.0	19	6.5	9.5	92
	1208	18	12.5	20	6.4	9.3	89
	1210	20	12.5	20	6.4	9.3	89
	1212	25	11.5	20	6.2	9.1	85
	1214	30	11.0	19	6.3	9.0	83
	1216	35	10.0	20	6.3	8.9	81
	1218	40	9.5	20	6.3	9.2	83
	1220	50	9.5	20	6.3	9.3	83
	1222	60	9.0	20	6.3	9.0	80
	1224	70	9.0	20	6.3	9.0	79
	1226	72	8.5	21	6.3	8.7	77
	1228	80	8.5	20	6.2	8.6	76
	1230	90	8.5	20	6.3	8.1	71
90-08-29	1030	0	29.5	22	6.3	7.1	96
	1031	1	29.5	22	6.3	7.0	94
	1032	2	29.5	22	6.3	6.9	93
	1033	5	29.5	22	6.3	6.8	91
	1035	10	29.0	21	6.3	6.8	91
	1036	11	29.0	22	6.1	6.8	91
	1037	12	28.0	22	5.9	6.1	80
	1038	13	25.5	21	5.7	5.7	72
	1040	14	23.5	21	5.5	4.8	58
	1041	15	23.0	21	5.5	4.0	48
	1042	16	21.5	21	5.4	2.7	31
	1044	17	19.5	21	5.3	1.9	21
	1046	18	17.5	22	5.4	1.2	13
	1048	19	16.5	21	5.5	1.3	14
	1050	20	15.5	22	5.7	1.4	14
	1052	21	15.0	22	5.7	1.6	16
	1054	22	14.5	22	5.8	2.0	20
	1056	25	13.5	22	5.9	2.7	27
	1057	30	12.5	22	5.9	3.4	33
	1058	35	11.5	22	5.9	3.7	35
	1100	45	10.5	22	6.0	4.3	40
	1101	55	10.0	23	6.0	3.7	34
	1103	66	9.5	24	6.0	2.8	25
	1104	75	9.5	25	6.1	1.7	15
	1105	82	9.0	29	6.2	.2	2
91-02-05	1229	0	7.5	20	6.5	10.8	92
	1230	5	7.0	20	6.4	10.9	92
	1231	10	6.5	20	6.4	10.8	90
	1232	20	6.5	20	6.4	10.7	89
	1233	30	6.5	19	6.3	10.7	89
	1234	40	6.5	19	6.3	10.7	88
	1235	50	6.0	19	6.3	10.7	88
	1236	60	6.0	20	6.4	10.7	88
	1237	70	6.0	20	6.4	10.6	87
	1238	80	6.0	20	6.4	10.5	87
	1239	85	6.0	19	6.5	10.5	87

Table 35.--Physicochemical values, Lake Winona at Reform, Arkansas (07362590)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
91-06-03	1325	0	30.0	17	6.4	7.6	103
	1326	5	30.0	16	6.5	7.5	102
	1327	7	30.0	16	6.5	7.4	101
	1328	9	29.0	16	6.5	6.1	82
	1329	10	23.0	18	5.6	4.5	54
	1330	11	21.5	18	5.6	4.4	51
	1331	12	21.0	19	5.5	4.1	48
	1332	13	20.0	19	5.4	3.9	44
	1333	14	20.0	19	5.5	4.0	45
	1334	15	19.0	19	5.5	4.0	44
	1335	17	18.5	20	5.5	4.0	43
	1336	19	17.5	19	5.5	4.2	45
	1337	21	16.5	20	5.5	4.5	48
	1338	23	15.5	19	5.6	4.9	50
	1339	25	14.5	20	5.8	5.3	54
	1340	27	14.0	20	5.9	5.7	57
	1341	30	13.0	20	6.0	6.3	61
	1342	35	12.0	20	6.1	7.3	70
	1343	40	11.0	19	6.1	7.6	71
	1344	50	10.5	19	6.2	7.9	73
	1345	60	10.0	18	6.2	7.5	68
	1346	70	9.5	19	6.2	6.9	62
	1347	80	9.5	20	6.2	6.2	56
	1348	86	9.5	19	6.3	5.8	52
91-09-06	1055	0	27.0	22	6.3	7.7	97
	1056	5	26.5	21	6.4	7.7	97
	1057	10	26.0	21	6.4	7.6	96
	1058	12	26.0	22	6.1	7.4	93
	1059	13	25.5	22	6.1	6.4	80
	1100	14	24.5	22	5.6	2.6	32
	1101	15	22.5	22	5.4	1.3	15
	1102	16	20.5	22	5.3	1.0	11
	1103	17	18.0	22	5.4	1.4	15
	1104	18	17.0	21	5.5	1.7	18
	1105	19	16.5	22	5.6	1.8	19
	1106	20	15.5	21	5.7	2.5	25
	1107	21	14.5	21	5.8	3.3	33
	1108	22	14.0	22	5.9	3.5	34
	1109	24	13.0	20	6.0	3.7	36
	1110	27	12.5	20	6.0	4.4	41
	1111	30	12.0	20	6.0	4.9	46
	1112	35	11.5	20	6.1	5.2	49
	1113	40	11.0	20	6.1	5.5	50
	1114	45	10.5	20	6.1	5.8	53
	1115	50	10.5	21	6.1	5.7	52
	1116	55	10.0	20	6.1	6.0	53
	1117	60	9.5	22	6.1	4.1	36
	1118	65	9.5	22	6.2	4.0	36
	1119	70	9.5	22	6.2	3.8	34
	1120	75	9.5	24	6.2	3.0	26
	1121	80	9.5	25	6.2	2.0	18
92-02-04	1030	0	8.5	20	6.5	10.7	92
	1031	5	8.5	21	6.5	10.7	92
	1032	10	8.5	20	6.6	10.6	92
	1033	15	8.0	20	6.6	10.4	89
	1034	20	7.5	20	6.6	10.1	86
	1035	30	7.0	20	6.4	10.4	87
	1036	40	7.0	19	6.5	9.9	83
	1037	50	7.0	19	6.5	10.0	83
	1038	60	7.0	19	6.5	10.5	88
	1039	70	7.0	20	6.5	10.0	83
	1040	80	7.0	19	6.6	9.5	79
	1041	85	7.0	20	6.4	10.1	84

Table 35.--Physicochemical values, Lake Winona at Reform, Arkansas (07362590)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Water temperature (degrees Celsius) (00010)	Specific conductance (micro-siemens per centimeter) (00095)	pH (standard units) (00400)	Dissolved oxygen (mg/L) (00300)	Dissolved oxygen (percent saturation) (00301)
92-06-15	1250	0	26.0	20	6.6	7.8	99
	1251	5	26.0	20	6.6	7.8	99
	1252	10	25.5	20	6.6	7.9	98
	1253	11	25.0	21	6.5	8.0	99
	1254	12	22.0	30	6.5	8.1	
	1255	13	21.5	30	6.5	8.0	93
	1256	15	20.5	20	6.4	7.5	86
	1257	20	18.0	19	6.2	6.0	64
	1258	25	15.0	19	6.2	5.6	57
	1259	30	13.0	18	6.2	6.4	62
	1300	35	12.5	18	6.2	6.5	62
	1301	40	12.0	18	6.2	6.5	61
	1302	50	11.0	19	6.2	6.5	60
	1303	60	10.5	19	6.1	5.8	53
	1304	70	10.0	20	6.1	5.4	48
	1305	80	9.5	21	6.1	4.8	43
	1306	85	9.5	22	6.1	4.4	40
92-09-09	1120	0	26.5	19	6.7	7.9	100
	1121	5	26.5	19	6.7	7.9	100
	1122	10	26.5	19	6.7	7.9	99
	1123	15	26.0	19	6.7	7.8	98
	1124	16	25.5	19	6.2	7.2	89
	1125	17	25.5	19	6.2	5.7	71
	1126	18	22.0	19	5.7	1.2	14
	1127	19	20.0	19	5.6	1.0	11
	1128	20	19.5	19	5.6	1.0	11
	1129	21	18.5	18	5.6	1.1	12
	1130	22	18.0	18	5.7	1.1	12
	1131	23	16.5	18	5.8	1.4	15
	1132	25	15.5	18	5.9	1.7	17
	1133	27	14.5	18	5.9	2.1	21
	1134	30	13.5	17	5.9	3.2	31
	1135	35	12.5	17	6.0	3.6	34
	1136	40	12.0	17	6.0	4.3	40
	1137	45	11.5	17	6.0	4.6	43
	1138	50	11.5	18	6.0	4.6	42
	1139	55	11.0	18	6.0	3.8	34
	1140	60	10.5	20	6.0	3.2	29
	1141	65	10.5	20	6.0	2.7	25
	1142	70	10.0	21	6.0	2.2	20
	1143	75	10.0	21	6.1	1.7	16
	1144	80	10.0	22	6.1	1.0	9

Table 36.--Nutrient concentrations in water, Maumelle River at Williams Junction, Arkansas (07263295)

[ft^3/s, cubic feet per second; mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Discharge, instantaneous (ft^3/s) (00061)	Nitrogen, organic, total (mg/L as N) (00605)	Nitrogen, ammonia, total (mg/L as N) (00610)	Nitrogen, ammonia plus organic, total (mg/L as N) (00625)	Nitrogen, nitrite, dissolved (mg/L as N) (00613)	Nitrogen nitrate, dissolved (mg/L as N) (00618)	Nitrogen, nitrite plus, nitrate, dissolved (mg/L as N) (00631)
89-05-22	1330	149	---	<0.01	0.20	---	---	<0.1
89-08-28	1130	2.6	0.48	.02	.50	---	---	<.1
89-10-02	1200	39	.28	.02	.30	---	---	<.1
90-01-19	1345	1,330	.69	.01	.70	---	---	<.1
90-01-29	1230	115	.18	.02	.20	---	---	<.1
90-03-08	1015	1,930	---	<.01	.45	---	---	<.1
90-04-02	1200	0	---	<.01	.30	---	---	<.1
90-08-28	1150	175	.58	.02	.60	---	---	<.1
91-02-06	0930	27	---	.008	<.20	0.002	0.012	.014
91-04-23	0930	---	---	.047	<.20	.001	.011	.012
91-04-27	1045	2.4	.63	.072	.70	.018	.031	.049
91-06-04	1245	548	.48	.024	.50	.003	.01	.013
91-10-29	1330	36	.26	.038	.30	.013	.025	.038
91-11-06	0945	15	---	.038	<.20	.003	.023	.026
92-02-03	1245	119	---	.011	<.20	.017	.006	.023
92-03-23	1000	---	---	.016	<.20	.008	.012	.020
92-05-22	1200	---	---	.016	<.20	.003	.023	.026
92-07-01	1030	---	---	.031	<.20	.002	.009	.011
92-07-27	1100	---	---	.019	<.20	.001	.011	.012
92-08-25	1045	---	---	.030	<.20	.002	.012	.014
		Maximum	.69	.072	.70	.018	.031	<.1
		75 percentile	.58	.030	.45	.008	.023	<.1
		50 percentile	.48	.02	.20	.003	.012	.026
		25 percentile	.26	<.01	<.20	.002	.010	.014
		Minimum	.18	.008	<.20	.001	.006	.011
		Number of samples	8	20	20	12	12	20

Table 36.--Nutrient concentrations in water, Maumelle River at Williams Junction, Arkansas (07263295)--Continued

Date	Time	Discharge, instanteous (ft^3/s) (00061)	Phosphorus, total (mg/L as P) (00665)	Phosphorus, ortho-dissolved (mg/L as P) (00671)	Carbon, organic, total (mg/L as C) (00680)	Carbon, organic, dissolved (mg/L as C) (00681)	Carbon, organic, suspended (mg/L as C) (00689)
89-05-22	1330	149	<0.01	0.01	5.1	---	---
89-08-28	1130	2.6	.02	.01	4.3	---	---
89-10-02	1200	39	.02	<.01	3.1	---	---
90-01-19	1345	1,330	.02	.01	---	---	---
90-01-29	1230	115	.02	<.01	2.4	---	---
90-03-08	1015	1,930	.06	.03	5.8	---	---
90-04-02	1200	147	<.01	<.01	1.8	---	---
90-08-28	1150	0	.04	<.01	4.8	---	---
91-02-06	0930	175	<.001	<.001	---	2.8	0.4
91-04-23	0930	27	.009	.002	---	2.6	.4
91-04-27	1045	---	.040	.003	---	9.0	2.2
91-06-04	1245	2.4	.022	.001	---	3.3	.2
91-10-29	1330	548	.054	.006	---	---	---
91-11-06	0945	36	.007	.017	---	2.9	.3
92-02-03	1245	15	.005	.001	---	1.7	.2
92-03-23	1000	119	.009	.001	---	2.4	.3
92-05-22	1200	---	.020	<.001	---	3.0	.6
92-07-01	1030	---	.010	<.001	---	2.9	.7
92-07-27	1100	---	.016	.002	---	4.6	.3
92-08-25	1045	---	.010	.001	---	3.8	.3
		Maximum	.06	.03	5.8	9.0	2.2
		75 percentile	.02	.01	5.1	3.8	.6
		50 percentile	.016	.003	4.3	2.9	.3
		25 percentile	.009	.001	2.4	2.6	.3
		Minimum	<.001	<.001	1.8	1.7	.2
		Number of samples	20	20	7	11	11

Table 37.--Nutrient concentrations in water, Maumelle River near Wye, Arkansas (07263296)

[ft^3/s, cubic feet per second; mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Discharge, instanteous (ft^3/s) (00061)	Nitrogen, organic, total (mg/L as N) (00605)	Nitrogen, ammonia, total (mg/L as N) (00610)	Nitrogen, ammonia plus organic, total (mg/L as N) (00625)	Nitrogen, nitrite plus, nitrate, dissolved (mg/L as N) (00631)	Phosphorus, total (mg/L as P) (00665)	Phosphorus, ortho- dissolved (mg/L as P) (00671	Carbon, organic, total (mg/L as C) (00680)
89-05-23	1000	232	0.38	0.02	0.40	<0.1	0.02	<0.01	4.7
89-08-28	1300	3.5	.48	.02	.50	<.1	.02	<.01	4.5
89-10-02	1345	5.6	.59	.01	.60	<.1	.03	<.01	3.3
90-01-19	1600	---	.69	.01	.70	<.1	.02	.03	9.9
90-01-29	1400	193	.38	.02	.40	<.1	.03	<.01	5.2
90-03-08	1300	2,330	---	<.01	.53	<.1	.07	.03	6.8
90-04-02	1330	190	.81	.09	.90	<.1	<.01	<.01	2.7
90-08-28	1300	0	---	<.01	.50	<.1	.02	<.01	3.8
		Maximum	.81	.09	.90	<.1	.07	0.03	9.9
		75 percentile	.69	.02	.60	<.1	.03	<.01	5.2
		50 percentile	.48	.01	.50	<.1	.02	<.01	4.5
		25 percentile	.38	<.01	.40	<.1	.02	<.01	3.3
		Minimum	.38	<.01	.40	<.1	<.01	<.01	2.7
		Number of samples	6	8	8	8	8	8	8

Table 38.--Nutrient concentrations in water, Lake Maumelle west of Highway 10 bridge near Wye, Arkansas (072632965)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, organic, total (mg/L as N) (00605)	Nitrogen, ammonia, total (mg/L as N) (00610))	Nitrogen, ammonia plus, organic, total (mg/L as N) (00625)	Phosphorus, total (mg/L as P) (00665)
91-08-06	1025	0	6	---	---	0.60	---
91-08-27	0945	0	10	0.49	0.009	.50	0.038
91-11-06	1120	0	18	---	.012	<.20	.017
92-02-05	0950	0	12	---	.007	<.20	.009
92-03-24	0955	0	12	---	---	<.20	.014
92-05-26	1240	0	8	.27	.035	.30	.013
92-06-01	1155	0	9	.17	.025	.20	.013
92-07-08	1135	0	9	.48	.022	.50	.015
92-07-28	1045	0	9	.29	.015	.30	.021
92-08-31	1120	0	9	---	.023	<.20	.017
92-10-19	1105	0	9	.18	.016	.20	.010
			Maximum	0.49	0.035	0.60	0.038
			75 percentile	.48	.023	.50	.017
			50 percentile	.27	.016	.20	.014
			25 percentile	.18	.012	<.20	.013
			Minimum	.17	.007	<.20	.009
			Number of samples	6	9	11	10

Table 39.--Nutrient concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, organic, total (mg/L as N) (00605) Surface water	Nitrogen, organic, total (mg/L as N) (00605) Bottom water	Nitrogen, ammonia, total (mg/L as N) (00610) Surface water	Nitrogen, ammonia, total (mg/L as N) (00610) Bottom water
89-05-25	1024	4	---	---	0.76	---	0.04	---
89-05-25	1028	16	---	---	---	0.74	---	0.06
89-08-30	0904	3	---	---	---	---	<.01	---
89-08-30	0908	14	---	---	---	.28	---	.02
90-01-31	0904	3	---	---	.58	---	.02	---
90-01-31	0908	14	---	---	---	---	---	.02
90-04-04	1014	4	---	---	---	---	<.01	---
90-04-04	1018	16	---	---	---	---	---	<.01
90-08-30	0949	4	---	---	---	---	<.01	---
90-08-30	0958	15	---	---	---	---	---	<.01
91-02-06	1335	---	3	9	---	---	.020	---
91-02-06	1340	---	16	22	---	---	---	.024
91-04-24	1025	---	1	7	.23	---	.067	---
91-04-24	1030	---	11	16	---	.24	---	.063
91-06-05	1000	---	1	13	.28	---	.018	---
91-06-05	1005	---	14	20	---	---	---	<.002
91-07-08	1000	---	0	12	.68	---	.019	---
91-07-08	1005	---	14	20	---	.48	---	.016
91-08-06	1115	---	0	10	---	---	---	---
91-08-06	1120	---	16	19	---	---	---	---
91-08-27	1030	---	0	10	.29	---	.007	---
91-08-27	1035	---	12	18	---	.29	---	.012
91-11-06	1210	---	0	9	.29	---	.013	---
91-11-06	1220	---	9	18	---	.28	---	.019
92-02-05	1055	---	0	9	---	---	.007	---
92-03-24	1045	---	0	15	---	---	.025	---
92-06-01	1305	---	0	9	.29	---	.015	---
92-06-01	1310	---	11	20	---	---	---	.015
92-07-08	1215	---	0	12	---	---	.015	---
92-07-08	1220	---	17	20	---	---	---	.023
92-07-28	1150	---	0	9	---	---	.011	---
92-07-28	1200	---	16	19	---	---	---	.024
92-08-31	1210	---	0	12	.18	---	.020	---
92-10-19	1200		0	16	---	---	.013	---
				Maximum	.76	.74	.067	.063
				75 percentile	.58	.48	.02	.024
				50 percentile	.29	.28	.015	.019
				25 percentile	.28	.28	<.01	<.012
				Minimum	.18	.24	.007	<.002
				Number of samples	10	6	18	14

Table 39.--Nutrient concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, ammonia plus, organic, total (mg/L as N) (00625) Surface water	Nitrogen, ammonia plus organic, total (mg/L as N) (00625) Bottom water	Nitrogen, nitrite, dissolved (mg/L as N) (00613) Surface water	Nitrogen, nitrite, dissolved (mg/L as N) (00613) Bottom water
89-05-25	1024	4	---	---	0.8	---	---	---
89-05-25	1028	16	---	---	---	0.8	---	---
89-08-30	0904	3	---	---	.5	---	---	---
89-08-30	0908	14	---	---	---	.3	---	---
90-01-31	0904	3	---	---	.6	---	---	---
90-01-31	0908	14	---	---	---	<.2	---	---
90-04-04	1014	4	---	---	.3	---	---	---
90-04-04	1018	16	---	---	---	.3	---	---
90-08-30	0949	4	---	---	.3	---	---	---
90-08-30	0958	15	---	---	---	.3	---	---
91-02-06	1335	---	3	9	<.2	---	0.001	---
91-02-06	1340	---	16	22	---	<.2	---	0.001
91-04-24	1025	---	2	7	.3	---	.015	---
91-04-24	1030	---	11	16	---	.3	---	.001
91-06-05	1000	---	1	13	.3	---	.001	---
91-06-05	1005	---	14	20	---	.5	---	.001
91-07-08	1000	---	0	12	.7	---	.001	---
91-07-08	1005	---	14	20	---	.5	---	.002
91-08-06	1115	---	0	10	---	---	---	---
91-08-06	1120	---	16	19	---	---	---	---
91-08-27	1030	---	0	10	.3	---	.003	---
91-08-27	1035	---	12	18	---	.3	---	.003
91-11-06	1210	---	0	9	.3	---	.004	---
91-11-06	1220	---	9	18	---	.3	---	.003
92-02-05	1055	---	0	9	<.2	---	.007	---
92-03-24	1045	---	0	15	<.2	---	.007	---
92-06-01	1305	---	0	9	.3	---	.001	---
92-06-01	1310	---	11	20	---	<.2	---	.001
92-07-08	1215	---	0	12	<.2	---	<.001	---
92-07-08	1220	---	17	20	---	<.2	---	<.001
92-07-28	1150	---	0	9	<.2	---	<.001	---
92-07-28	1200	---	16	19	---	<.2	---	.003
92-08-31	1210	---	0	12	.2	---	<.001	---
92-10-19	1200		0	16	<.2	---	.007	---
				Maximum	.8	.8	.015	.003
				75 percentile	.3	.3	.007	.003
				50 percentile	.3	.3	.001	.001
				25 percentile	<.2	<.2	<.001	.001
				Minimum	<.2	<.2	<.001	<.001
				Number of samples	18	14	13	9

Table 39.--Nutrient concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, nitrate, dissolved (mg/L as N) (00618) Surface water	Nitrogen, nitrate, dissolved (mg/L as N) (00618) Bottom water	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631 Surface water	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631) Bottom water
89-05-25	1024	4	---	---	---	---	<0.1	---
89-05-25	1028	16	---	---	---	---	---	<0.1
89-08-30	0904	3	---	---	---	---	<.1	---
89-08-30	0908	14	---	---	---	---	---	<.1
90-01-31	0904	3	---	---	---	---	<.1	---
90-01-31	0908	14	---	---	---	---	---	<.1
90-04-04	1014	4	---	---	---	---	<.1	---
90-04-04	1018	16	---	---	---	---	---	<.1
90-08-30	0949	4	---	---	---	---	<.1	---
90-08-30	0958	15	---	---	---	---	---	<.1
91-02-06	1335	---	3	9	0.030	---	.031	---
91-02-06	1340	---	16	22	---	0.038	---	.039
91-04-24	1025	---	2	7	.043	---	.058	---
91-04-24	1030	---	11	16	---	.034	---	.035
91-06-05	1000	---	1	13	---	---	.005	---
91-06-05	1005	---	14	20	---	---	---	.005
91-07-08	1000	---	0	12	.004	---	.005	---
91-07-08	1005	---	14	20	---	---	---	.005
91-08-06	1115	---	0	10	---	---	---	---
91-08-06	1120	---	16	19	---	---	---	---
91-08-27	1030	---	0	10	---	---	<.005	---
91-08-27	1035	---	12	18	---	.020	---	.023
91-11-06	1210	---	0	9	.018	---	.022	---
91-11-06	1220	---	9	18	---	.018	---	.021
92-02-05	1055	---	0	9	.018	---	.025	---
92-03-24	1045	---	0	15	.037	---	.044	---
92-06-01	1305	---	0	9	.004	---	.005	---
92-06-01	1310	---	11	20	---	---	---	<.005
92-07-08	1215	---	0	12	---	---	<.005	---
92-07-08	1220	---	17	20	---	---	---	.005
92-07-28	1150	---	0	9	---	---	<.005	---
92-07-28	1200	---	16	19	---	.007	---	.010
92-08-31	1210	---	0	12	---	---	<.005	---
92-10-19	1200		0	16	.001	---	.008	---
				Maximum	.043	.038	<.1	<.1
				75 percentile	.030	.034	<.1	<.1
				50 percentile	.018	.020	<.022	<.023
				25 percentile	.004	.018	<.005	<.005
				Minimum	.001	.007	<.005	<.005
				Number of samples	8	5	18	14

Table 39.--Nutrient concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Phosphorus, total (mg/L as P) (00665) Surface water	Phosphorus, total (mg/L as P) (00665) Bottom water	Phosphorus, ortho-dissolved (mg/L as P) (00671) Surface water	Phosphorus, ortho-dissolved (mg/L as P) (00671) Bottom water
89-05-25	1024	4	---	---	0.01	---	<0.01	---
89-05-25	1028	16	---	---	---	0.02	---	<0.01
89-08-30	0904	3	---	---	.01	---	<.01	---
89-08-30	0908	14	---	---	---	.01	---	<.01
90-01-31	0904	3	---	---	<.01	---	<.01	---
90-01-31	0908	14	---	---	---	.01	---	<.01
90-04-04	1014	4	---	---	.02	---	<.01	---
90-04-04	1018	16	---	---	---	.02	---	<.01
90-08-30	0949	4	---	---	.03	---	<.01	---
90-08-30	0958	15	---	---	---	.01	---	<.01
91-02-06	1335	---	3	9	.004	---	<.001	---
91-02-06	1340	---	16	22	---	<.001	---	<.001
91-04-24	1025	---	2	7	.011	---	.001	---
91-04-24	1030	---	11	16	---	.014	---	.001
91-06-05	1000	---	1	13	.012	---	.009	---
91-06-05	1005	---	14	20	---	.020	---	.008
91-07-08	1000	---	0	12	.011	---	.002	---
91-07-08	1005	---	14	20	---	.018	---	.001
91-08-06	1115	---	0	10	---	---	---	---
91-08-06	1120	---	16	19	---	---	---	---
91-08-27	1030	---	0	10	.009	---	.001	---
91-08-27	1035	---	12	18	---	.006	---	<.001
91-11-06	1210	---	0	9	.015	---	.001	---
91-11-06	1220	---	9	18	---	.016	---	.001
92-02-05	1055	---	0	9	.009	---	.001	---
92-03-24	1045	---	0	15	.015	---	<.001	---
92-06-01	1305	---	0	9	.005	---	<.001	---
92-06-01	1310	---	11	20	---	.006	---	<.001
92-07-08	1215	---	0	12	.008	---	<.001	---
92-07-08	1220	---	17	20	---	.013	---	<.001
92-07-28	1150	---	0	9	.019	---	.002	---
92-07-28	1200	---	16	19	---	.035	---	<.001
92-08-31	1210	---	0	12	.008	---	.001	---
92-10-19	1200		0	16	.009	---	<.001	---
				Maximum	.03	0.035	<.01	<.01
				75 percentile	.015	.02	<.01	<.01
				50 percentile	.01	.013	.001	.001
				25 percentile	.009	.01	<.001	<.001
				Minimum	.004	<.001	<.001	<.001
				Number of samples	18	14	18	14

Table 39.--Nutrient concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Carbon, organic, total (mg/L as C) (00680) Surface water	Carbon, organic, total (mg/L as C) (00680) Bottom water	Carbon, organic, dissolved (mg/L as C) (00681) Surface water	Carbon, organic, dissolved (mg/L as C) (00681) Bottom water
89-05-25	1024	4	---	---	3.2	---	---	---
89-05-25	1028	16	---	---	---	3.6	---	---
89-08-30	0904	3	---	---	3.6	---	---	---
89-08-30	0908	14	---	---	---	3.6	---	---
90-01-31	0904	3	---	---	3.0	---	---	---
90-01-31	0908	14	---	---	---	3.0	---	---
90-04-04	1014	4	---	---	3.6	---	---	---
90-04-04	1018	16	---	---	---	4.0	---	---
90-08-30	0949	4	---	---	3.5	---	---	---
90-08-30	0958	15	---	---	---	3.4	---	---
91-02-06	1335	---	3	9	---	---	2.8	---
91-02-06	1340	---	16	22	---	---	---	3.2
91-04-24	1025	---	2	7	---	---	3.7	---
91-04-24	1030	---	11	16	---	---	---	3.6
91-06-05	1000	---	1	13	---	---	3.4	---
91-06-05	1005	---	14	20	---	---	---	3.7
91-07-08	1000	---	0	12	---	---	3.3	---
91-07-08	1005	---	14	20	---	---	---	3.3
91-08-06	1115	---	0	10	---	---	3.2	---
91-08-06	1120	---	16	19	---	---	---	3.2
91-08-27	1030	---	0	10	---	---	3.0	---
91-08-27	1035	---	12	18	---	---	---	3.0
91-11-06	1210	---	0	9	---	---	3.9	---
91-11-06	1220	---	9	18	---	---	---	3.8
92-02-05	1055	---	0	9	---	---	2.9	---
92-03-24	1045	---	0	15	---	---	3.6	---
92-06-01	1305	---	0	9	---	---	3.2	---
92-06-01	1310	---	11	20	---	---	---	3.0
92-07-08	1215	---	0	12	---	---	3.1	---
92-07-08	1220	---	17	20	---	---	---	3.3
92-07-28	1150	---	0	9	---	---	4.6	---
92-07-28	1200	---	16	19	---	---	---	5.2
92-08-31	1210	---	0	12	---	---	2.8	---
92-10-19	1200	---	0	16	---	---	2.7	---
				Maximum	3.6	4.0	4.6	5.2
				75 percentile	3.6	3.6	3.6	3.7
				50 percentile	3.5	3.6	3.2	3.3
				25 percentile	3.2	3.4	2.9	3.2
				Minimum	3.0	3.0	2.7	3.0
				Number of samples	5	5	14	10

Table 39.--Nutrient concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Carbon, organic, suspended (mg/L as C) (00689) Surface water	Carbon, organic, suspended (mg/L as C) (00689) Bottom water
89-05-25	1024	4	---	---	---	---
89-05-25	1028	16	---	---	---	---
89-08-30	0904	3	---	---	---	---
89-08-30	0908	14	---	---	---	---
90-01-31	0904	3	---	---	---	---
90-01-31	0908	14	---	---	---	---
90-04-04	1014	4	---	---	---	---
90-04-04	1018	16	---	---	---	---
90-08-30	0949	4	---	---	---	---
90-08-30	0958	15	---	---	---	---
91-02-06	1335	---	3	9	0.5	---
91-02-06	1340	---	16	22	---	0.5
91-04-24	1025	---	2	7	.5	---
91-04-24	1030	---	11	16	---	.5
91-06-05	1000	---	1	13	.7	---
91-06-05	1005	---	14	20	---	.5
91-07-08	1000	---	0	12	.9	---
91-07-08	1005	---	14	20	---	.9
91-08-06	1115	---	0	10	.7	---
91-08-06	1120	---	16	19	---	.8
91-08-27	1030	---	0	10	.5	---
91-08-27	1035	---	12	18	---	.5
91-11-06	1210	---	0	9	.8	---
91-11-06	1220	---	9	18	---	.8
92-02-05	1055	---	0	9	.3	---
92-03-24	1045	---	0	15	.7	---
92-06-01	1305	---	0	9	.4	---
92-06-01	1310	---	11	20	---	---
92-07-08	1215	---	0	12	.9	---
92-07-08	1220	---	17	20	---	1.2
92-07-28	1150	---	0	9	.7	---
92-07-28	1200	---	16	19	---	.9
92-08-31	1210	---	0	12	.7	---
92-10-19	1200		0	16	.6	---
				Maximum	.9	1.2
				75 percentile	.7	.9
				50 percentile	.7	.8
				25 percentile	.5	.5
				Minimum	.3	.5
				Number of samples	14	9

Table 40.--Nutrient concentrations in water, Twin Creek near Wye, Arkansas (072632978)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Nitrogen, organic, total (mg/L as N) (00605)	Nitrogen, ammonia, total (mg/L as N) (00610)	Nitrogen, ammonia plus organic, total (mg/L as N) (00625)	Nitrogen, nitrite, dissolved (mg/L as N) (00613)	Nitrogen, nitrate, dissolved (mg/L as N) (00618)	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631)	Phosphorus, total (mg/L as P) (00665)	Phosphorus, ortho- dissolved (mg/L as P) (00671)	Carbon, organic, total (mg/L as C) (00680)
90-04-04	1130	0.14	0.06	0.20	---	---	<0.1	0.02	<0.01	6.5
90-07-03	1830	.55	.85	1.4	---	---	<.1	.46	.28	8.9
90-07-05	1100	.58	.020	.60	---	---	<.1	.23	.17	5.9
90-07-10	1025	2.2	1.0	3.2	---	---	---	.33	---	---
91-07-30	1000	.62	.980	1.6	0.002	---	<.005	.605	.192	---
91-07-31	1200	.83	.065	.90	.001	0.005	<.006	.154	.089	---
91-08-01	0900	1.8	.145	1.9	.001	---	<.005	.330	.048	---
92-07-13	1345	.43	.471	.90	.002	---	<.005	.076	.036	---
92-07-14	1030	.37	.031	.40	.004	---	<.005	.335	.231	---
92-07-15	0930	.25	.046	.30	.003	---	<.005	.122	.138	---
Maximum		2.2	1.0	3.2	.004	---	<.1	.605	.28	---
75 percentile		.83	.85	1.6	.003	---	<.1	.335	.192	---
50 percentile		.55	.065	.9	.002	---	<.005	.23	.138	---
25 percentile		.37	.046	.40	.001	---	<.005	.122	.048	---
Minimum		.14	.021	.20	.001	---	<.005	.02	<.01	---
Number of samples		10	10	10	6	---	9	10	9	---

Table 41.--Nutrient concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET paremater codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, organic, total (mg/L as N) (00605) Surface water	Nitrogen, organic, total (mg/L as N) (00605) Bottom water	Nitrogen, ammonia, total (mg/L as N) (00610) Surface water	Nitrogen, ammonia, total (mg/L as N) (00610) Bottom water
89-05-25	1239	4	---	---	---	---	<0.01	---
89-05-25	1247	16	---	---	---	0.26	---	0.04
89-08-30	1134	4	---	---	---	---	<.01	---
89-08-30	1138	16	---	---	---	---	---	<.01
90-01-31	1304	3	---	---	0.49	---	.01	---
90-01-31	1308	14	---	---	---	---	---	.01
90-04-04	1104	4	---	---	---	---	<.01	---
90-04-04	1108	16	---	---	---	---	---	<.01
90-07-03	1704	4	---	---	---	---	<.01	---
90-07-03	1712	14	---	---	---	.38	---	.02
90-07-05	1155	4	---	---	.79	---	.01	---
90-07-05	1202	14	---	---	---	---	---	<.01
90-07-10	1112	4	---	---	.59	---	.01	---
90-07-10	1122	14	---	---	---	.48	---	.02
90-08-30	1205	4	---	---	.19	---	.01	---
90-08-30	1210	14	---	---	---	.15	---	.05
91-07-29	1930	---	0	10	.59	---	.006	---
91-07-29	1945	---	16	19	---	---	---	<.002
91-07-30	1200	---	0	10	.49	---	.012	---
91-07-30	1215	---	16	19	---	.39	---	.114
91-07-31	1310	---	0	10	.86	---	.037	---
91-07-31	1320	---	16	19	---	.57	---	.032
91-08-01	0915	---	0	10	.75	---	.050	---
91-08-01	0930	---	16	19	---	.48	---	.024
92-07-13	1110	---	0	15	---	---	.002	---
92-07-13	1120	---	18	21	---	---	---	.004
92-07-13	1510	---	0	15	---	---	.004	---
92-07-13	1520	---	17	20	---	.20	---	.103
92-07-14	1120	---	1	15	---	---	.005	---
92-07-14	1130	---	18	21	---	---	---	.011
92-07-15	1100	---	0	15	.29	---	.012	---
92-07-15	1120	---	18	21	---	.19	---	.011
92-07-21	1245	---	0	15	---	---	.006	---
92-07-21	1255	---	18	21	---	---	---	.012
				Maximum	.86	.57	.050	.114
				75 percentile	.75	.48	.01	.032
				50 percentile	.59	.38	<.01	.012
				25 percentile	.49	.20	.006	<.01
				Minimum	.19	.15	<.01	.002
				Number of samples	9	9	17	17

Table 41.--Nutrient concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, ammonia plus, organic, total (mg/L as N) (00625) Surface water	Nitrogen, ammonia plus organic, total (mg/L as N) (00625) Bottom water	Nitrogen, nitrite, dissolved (mg/L as N) (00613) Surface water	Nitrogen, nitrite, dissolved (mg/L as N) (00613) Bottom water
89-05-25	1239	4	---	---	0.50	---	---	---
89-05-25	1247	16	---	---	---	0.30	---	---
89-08-30	1134	4	---	---	<.20	---	---	---
89-08-30	1138	16	---	---	---	.40	---	---
90-01-31	1304	3	---	---	.50	---	---	---
90-01-31	1308	14	---	---	---	<.20	---	---
90-04-04	1104	4	---	---	.30	---	---	---
90-04-04	1108	16	---	---	---	.30	---	---
90-07-03	1704	4	---	---	.20	---	---	---
90-07-03	1712	14	---	---	---	.40	---	---
90-07-05	1155	4	---	---	.80	---	---	---
90-07-05	1202	14	---	---	---	1.0	---	---
90-07-10	1112	4	---	---	.60	---	---	---
90-07-10	1122	14	---	---	---	.50	---	---
90-08-30	1205	4	---	---	.20	---	---	---
90-08-30	1210	14	---	---	---	.20	---	---
91-07-29	1930	---	0	10	.60	---	0.001	---
91-07-29	1945	---	16	19	---	.80	---	0.001
91-07-30	1200	---	0	10	.50	---	.001	---
91-07-30	1215	---	16	19	---	.50	---	.001
91-07-31	1310	---	0	10	.90	---	.001	---
91-07-31	1320	---	16	19	---	.60	---	<.001
91-08-01	0915	---	0	10	.80	---	.001	---
91-08-01	0930	---	16	19	---	.50	---	<.001
92-07-13	1110	---	0	15	<.20	---	.002	---
92-07-13	1120	---	18	21	---	<.20	---	.002
92-07-13	1510	---	0	15	<.20	---	.002	---
92-07-13	1520	---	17	20	---	.30	---	.002
92-07-14	1120	---	1	15	<.20	---	.003	---
92-07-14	1130	---	18	21	---	<.20	---	.002
92-07-15	1100	---	0	15	.30	---	.002	---
92-07-15	1120	---	18	21	---	.20	---	.002
92-07-21	1245	---	0	15	<.20	---	.002	---
92-07-21	1255	---	18	21	---	<.20	---	.002
				Maximum	.9	1.0	.003	.002
				75 percentile	.6	.5	.002	.002
				50 percentile	.3	.3	.002	.002
				25 percentile	<.2	<.2	.001	<.001
				Minimum	<.2	<.2	.001	<.001
				Number of samples	17	17	9	9

Table 41.--Nutrient concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, nitrate, dissolved (mg/L as N) (00618) Surface water	Nitrogen, nitrate, dissolved (mg/L as N) (00618) Bottom water	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631) Surface water	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631) Bottom water
89-05-25	1239	4	---	---	---	---	<0.1	---
89-05-25	1247	16	---	---	---	---	---	<0.1
89-08-30	1134	4	---	---	---	---	<.1	---
89-08-30	1138	16	---	---	---	---	---	<.1
90-01-31	1304	3	---	---	---	---	<.1	---
90-01-31	1308	14	---	---	---	---	---	<.1
90-04-04	1104	4	---	---	---	---	<.1	---
90-04-04	1108	16	---	---	---	---	---	<.1
90-07-03	1704	4	---	---	---	---	<.1	---
90-07-03	1712	14	---	---	---	---	---	<.1
90-07-05	1155	4	---	---	---	---	<.1	---
90-07-05	1202	14	---	---	---	---	---	<.1
90-07-10	1112	4	---	---	---	---	<.1	---
90-07-10	1122	14	---	---	---	---	---	<.1
90-08-30	1205	4	---	---	---	---	<.1	---
90-08-30	1210	14	---	---	---	---	---	<.1
91-07-29	1930	---	0	10	0.005	---	.006	---
91-07-29	1945	---	16	19	---	0.005	---	.006
91-07-30	1200	---	0	10	.012	---	.013	---
91-07-30	1215	---	16	19	---	.005	---	.006
91-07-31	1310	---	0	10	.004	---	.005	---
91-07-31	1320	---	16	19	---	---	---	<.005
91-08-01	0915	---	0	10	---	---	<.005	---
91-08-01	0930	---	16	19	---	---	---	<.005
92-07-13	1110	---	0	15	---	---	<.005	---
92-07-13	1120	---	18	21	---	---	---	<.005
92-07-13	1510	---	0	15	---	---	<.005	---
92-07-13	1520	---	17	20	---	---	---	<.005
92-07-14	1120	---	1	15	---	---	<.005	---
92-07-14	1130	---	18	21	---	---	---	<.005
92-07-15	1100	---	0	15	---	---	<.005	---
92-07-15	1120	---	18	21	---	---	---	<.005
92-07-21	1245	---	0	15	.013	---	.015	---
92-07-21	1255	---	18	21	---	.024	---	.026
				Maximum	.013	.024	<.1	<.1
				75 percentile	.012		<.1	<.1
				50 percentile	.005	.005	.015	.026
				25 percentile	.004		<.005	<.005
				Minimum	.004	.005	<.005	<.005
				Number of samples	4	3	17	17

Table 41.--Nutrient concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Phosphorus, total (mg/L as P) (00665) Surface water	Phosphorus, total (mg/L as P) (00665) Bottom water	Phosphorus, ortho-dissolved (mg/L as P) (00671) Surface water	Phosphorus, ortho-dissolved (mg/L as P) (00671) Bottom water
89-05-25	1239	4	---	---	0.01	---	<0.01	---
89-05-25	1247	16	---	---	---	0.01	---	<0.01
89-08-30	1134	4	---	---	<.01	---	<.01	---
89-08-30	1138	16	---	---	---	<.01	---	<.01
90-01-31	1304	3	---	---	<.01	---	<.01	---
90-01-31	1308	14	---	---	---	.01	---	<.01
90-04-04	1104	4	---	---	.01	---	<.01	---
90-04-04	1108	16	---	---	---	.01	---	<.01
90-07-03	1704	4	---	---	<.01	---	<.01	---
90-07-03	1712	14	---	---	---	.02	---	<.01
90-07-05	1155	4	---	---	.02	---	<.01	---
90-07-05	1202	14	---	---	---	.03	---	<.01
90-07-10	1112	4	---	---	.02	---	.03	---
90-07-10	1122	14	---	---	---	.02	---	.03
90-08-30	1205	4	---	---	.02	---	<.01	---
90-08-30	1210	14	---	---	---	.02	---	<.01
91-07-29	1930	---	0	10	.013	---	.001	---
91-07-29	1945	---	16	19	---	.027	---	.001
91-07-30	1200	---	0	10	.060	---	.004	---
91-07-30	1215	---	16	19	---	.068	---	.030
91-07-31	1310	---	0	10	.187	---	.008	---
91-07-31	1320	---	16	19	---	.057	---	.020
91-08-01	0915	---	0	10	.144	---	.040	---
91-08-01	0930	---	16	19	---	.102	---	.011
92-07-13	1110	---	0	15	.006	---	<.001	---
92-07-13	1120	---	18	21	---	.013	---	<.001
92-07-13	1510	---	0	15	.006	---	<.001	---
92-07-13	1520	---	17	20	---	.016	---	.006
92-07-14	1120	---	1	15	.006	---	<.001	---
92-07-14	1130	---	18	21	---	.046	---	.021
92-07-15	1100	---	0	15	.093	---	.059	---
92-07-15	1120	---	18	21	---	.055	---	.024
92-07-21	1245	---	0	15	.007	---	<.001	---
92-07-21	1255	---	18	21	---	.010	---	<.001
				Maximum	.187	.102	.059	.03
				75 percentile	.02	.046	<.01	.020
				50 percentile	.01	.02	<.01	<.01
				25 percentile	<.01	.01	<.001	<.01
				Minimum	<.006	<.01	<.001	<.001
				Number of samples	17	17	17	17

Table 41.--Nutrient concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Carbon, organic, total (mg/L as C) (00680) Surface water	Carbon, organic, total (mg/L as C) (00680) Bottom water
89-05-25	1239	4	---	---	3.7	---
89-05-25	1247	16	---	---	---	3.5
89-08-30	1134	4	---	---	3.4	---
89-08-30	1138	16	---	---	---	3.1
90-01-31	1304	3	---	---	3.4	---
90-01-31	1308	14	---	---	---	3.4
90-04-04	1104	4	---	---	3.9	---
90-04-04	1108	16	---	---	---	3.8
90-07-03	1704	4	---	---	4.0	---
90-07-03	1712	14	---	---	---	4.0
90-07-05	1155	4	---	---	3.7	---
90-07-05	1202	14	---	---	---	4.3
90-07-10	1112	4	---	---	3.8	---
90-07-10	1122	14	---	---	---	5.1
90-08-30	1205	4	---	---	3.2	---
90-08-30	1210	14	---	---	---	3.4
91-07-29	1930	---	0	10	---	---
91-07-29	1945	---	16	19	---	---
91-07-30	1200	---	0	10	---	---
91-07-30	1215	---	16	19	---	---
91-07-31	1310	---	0	10	---	---
91-07-31	1320	---	16	19	---	---
91-08-01	0915	---	0	10	---	---
91-08-01	0930	---	16	19	---	---
92-07-13	1110	---	0	15	---	---
92-07-13	1120	---	18	21	---	---
92-07-13	1510	---	0	15	---	---
92-07-13	1520	---	17	20	---	---
92-07-14	1120	---	1	15	---	---
92-07-14	1130	---	18	21	---	---
92-07-15	1100	---	0	15	---	---
92-07-15	1120	---	18	21	---	---
92-07-21	1245	---	0	15	---	---
92-07-21	1255	---	18	21	---	---
				Maximum	4.0	5.1
				75 percentile	3.8	4.0
				50 percentile	3.7	3.5
				25 percentile	3.4	3.4
				Minimum	3.2	3.1
				Number of samples	8	8

Table 42.--Nutrient concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite samole (feet below surface)	Nitrogen, organic, total (mg/L as N) (00605) Surface water	Nitrogen, organic, total (mg/L as N) (00605) Bottom water	Nitrogen, ammonia, total (mg/L as N) (00610) Surface water	Nitrogen, ammonia, total (mg/L as N) (00610) Bottom water
89-05-26	1053	10	---	---	---	---	<0.01	---
89-05-26	1115	40	---	---	---	0.30	---	0.10
89-08-30	946	10	---	---	---	---	<.01	---
89-08-30	1008	40	---	---	---	.19	---	.51
90-01-31	1004	9	---	---	---	---	<.01	---
90-01-31	1012	36	---	---	---	---	---	.01
90-04-04	1234	9	---	---	---	---	<.01	---
90-04-04	1242	36	---	---	---	.28	---	.02
90-08-31	1019	9	---	---	0.26	---	.04	---
90-08-31	1037	36	---	---	---	.52	---	.18
91-02-08	1012	---	6	18	.48	---	.019	---
91-02-08	1015	---	28	40	---	.49	---	.009
91-04-25	1035	---	6	18	.25	---	.051	---
91-04-25	1040	---	30	42	---	.23	---	.066
91-06-05	1255	---	0	14	.29	---	.015	---
91-06-05	1300	---	17	35	---	.26	---	.04
91-07-09	1045	---	0	16	---	---	---	---
91-07-09	1050	---	15	36	---	.65	---	.05
91-08-07	1200	---	0	18	---	---	---	---
91-08-07	1205	---	24	42	---	---	---	---
91-08-28	0950	---	0	21	.30	---	.005	---
91-08-28	0955	---	25	40	---	---	---	.053
91-11-07	0945	---	0	18	.18	---	.017	---
91-11-07	0955	---	29	47	---	.19	---	.015
92-02-05	1335	---	0	15	.19	---	.006	---
92-02-05	1340	---	27	42	---	---	---	.005
92-03-25	0940	---	0	18	---	---	.023	---
92-03-25	0945	---	28	49	---	---	---	.023
92-06-02	1110	---	0	20	---	---	.014	---
92-06-02	1120	---	29	41	---	---	---	.052
92-07-09	1050	---	0	18	---	---	<.002	---
92-07-09	1055	---	25	43	---	.16	---	.041
92-07-29	1150	---	0	21	---	---	.006	---
92-07-29	1200	---	23	44	---	.23	---	.074
92-09-01	1050	---	0	21	---	---	.015	---
92-09-01	1100	---	25	43	---	.06	---	.139
92-10-20	1135	---	0	15	---	---	.010	---
92-10-20	1145	---	25	40	---	---	---	.012
				Maximum	.48	.65	.051	.51
				75 percentile	.30	.30	.017	.074
				50 percentil	.26	.23	<.01	.041
				25 percentile	.19	.19	<.01	.015
				Minimum	.18	.06	<.002	.005
				Number of samples	7	12	17	18

Table 42.--Nutrient concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, ammonia plus, organic, total (mg/L as N) (00625) Surface water	Nitrogen, ammonia plus organic, total (mg/L as N) (00625) Bottom water	Nitrogen, nitrite, dissolved (mg/L as N) (00613) Surface water	Nitrogen, nitrite, dissolved (mg/L as N) (00613) Bottom water
89-05-26	1053	10	---	---	0.40	---	---	---
89-05-26	1115	40	---	---	---	0.40	---	---
89-08-30	946	10	---	---	<.20	---	---	---
89-08-30	1008	40	---	---	---	.70	---	---
90-01-31	1004	9	---	---	<.20	---	---	---
90-01-31	1012	36	---	---	---	<.20	---	---
90-04-04	1234	9	---	---	.30	---	---	---
90-04-04	1242	36	---	---	---	.30	---	---
90-08-31	1019	9	---	---	.30	---	---	---
90-08-31	1037	36	---	---	---	.70	---	---
91-02-08	1012	---	6	18	.50	---	0.001	---
91-02-08	1015	---	28	40	---	.50	---	0.001
91-04-25	1035	---	6	18	.30	---	.002	---
91-04-25	1040	---	30	42	---	.30	---	.016
91-06-05	1255	---	0	14	.30	---	.001	---
91-06-05	1300	---	17	35	---	.30	---	.015
91-07-09	1045	---	0	16	---	---	---	---
91-07-09	1050	---	15	36	---	.70	---	.001
91-08-07	1200	---	0	18	---	---	---	---
91-08-07	1205	---	24	42	---	---	---	---
91-08-28	0950	---	0	21	.30	---	<.001	---
91-08-28	0955	---	25	40	---	<.20	---	.001
91-11-07	0945	---	0	18	.20	---	.003	---
91-11-07	0955	---	29	47	---	.20	---	.004
92-02-05	1335	---	0	15	.20	---	.010	---
92-02-05	1340	---	27	42	---	<.20	---	.004
92-03-25	0940	---	0	18	<.20	---	.003	---
92-03-25	0945	---	28	49	---	<.20	---	.006
92-06-02	1110	---	0	20	<.20	---	.002	---
92-06-02	1120	---	29	41	---	<.20	---	.009
92-07-09	1050	---	0	18	<.20	---	<.001	---
92-07-09	1055	---	25	43	---	.20	---	.001
92-07-29	1150	---	0	21	<.20	---	.001	---
92-07-29	1200	---	23	44	---	.30	---	.005
92-09-01	1050	---	0	21	<.20	---	<.001	---
92-09-01	1100	---	25	43	---	.20	---	<.001
92-10-20	1135	---	0	15	<.20	---	.008	---
92-10-20	1145	---	25	40	---	<.20	---	.002
				Maximum	.50	.70	.010	.016
				75 percentile	.30	.40	.003	.006
				50 percentil	<.20	.20	.001	.004
				25 percentile	<.20	<.20	<.001	.001
				Minimum	<.20	<.20	<.001	<.001
				Number of samples	17	18	12	13

Table 42.--Nutrient concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, nitrate, dissolved (mg/L as N) (00618) Surface water	Nitrogen, nitrate, dissolved (mg/L as N) (00618) Bottom water	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631 Surface water	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631) Bottom water
89-05-26	1053	10	---	---	---	---	<0.1	---
89-05-26	1115	40	---	---	---	---	---	<0.1
89-08-30	946	10	---	---	---	---	<.1	---
89-08-30	1008	40	---	---	---	---	---	<.1
90-01-31	1004	9	---	---	---	---	<.1	---
90-01-31	1012	36	---	---	---	---	---	<.1
90-04-04	1234	9	---	---	---	---	<.1	---
90-04-04	1242	36	---	---	---	---	---	<.1
90-08-31	1019	9	---	---	---	---	<.1	---
90-08-31	1037	36	---	---	---	---	---	<.1
91-02-08	1012	---	6	18	0.052	---	.053	---
91-02-08	1015	---	28	40	---	0.031	---	.032
91-04-25	1035	---	6	18	.041	---	.043	---
91-04-25	1040	---	30	42	---	.059	---	.075
91-06-05	1255	---	0	14	---	---	<.005	---
91-06-05	1300	---	17	35	---	.024	---	.039
91-07-09	1045	---	0	16	---	---	---	---
91-07-09	1050	---	15	36	---	---	---	<.005
91-08-07	1200	---	0	18	---	---	---	---
91-08-07	1205	---	24	42	---	---	---	---
91-08-28	0950	---	0	21	---	---	.013	---
91-08-28	0955	---	25	40	---	.009	---	.010
91-11-07	0945	---	0	18	.017	---	.020	---
91-11-07	0955	---	29	47	---	.035	---	.039
92-02-05	1335	---	0	15	.023	---	.033	---
92-02-05	1340	---	27	42	---	.023	---	.027
92-03-25	0940	---	0	18	.028	---	.031	---
92-03-25	0945	---	28	49	---	.031	---	.037
92-06-02	1110	---	0	20	.006	---	.008	---
92-06-02	1120	---	29	41	---	.022	---	.031
92-07-09	1050	---	0	18	---	---	.012	---
92-07-09	1055	---	25	43	---	.004	---	.005
92-07-29	1150	---	0	21	.010	---	.011	---
92-07-29	1200	---	23	44	---	.002	---	.007
92-09-01	1050	---	0	21	---	---	.005	---
92-09-01	1100	---	25	43	---	---	---	.015
92-10-20	1135	---	0	15	.006	---	.014	---
92-10-20	1145	---	25	40	---	---	---	<.005
				Maximum	.052	.059	<.1	<.1
				75 percentile	.028	.031	<.1	<.1
				50 percentil	.017	.023	.031	.032
				25 percentile	.006	.009	.012	.010
				Minimum	.006	.002	<.005	<.005
				Number of samples	8	10	17	18

Table 42.--Nutrient concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Phosphorus, total (mg/L as P) (00665) Surface water	Phosphorus, total (mg/L as P) (00665) Bottom water	Phosphorus, ortho-dissolved (mg/L as P) (00671) Surface water	Phosphorus, ortho-dissolved (mg/L as P) (00671) Bottom water
89-05-26	1053	10	---	---	0.02	---	<0.01	---
89-05-26	1115	40	---	---	---	0.01	---	<0.01
89-08-30	946	10	---	---	<.01	---	<.01	---
89-08-30	1008	40	---	---	---	.04	---	.01
90-01-31	1004	9	---	---	.02	---	<.01	---
90-01-31	1012	36	---	---	---	< .01	---	<.01
90-04-04	1234	9	---	---	.02	---	<.01	---
90-04-04	1242	36	---	---	---	.01	---	<.01
90-08-31	1019	9	---	---	.02	---	<.01	---
90-08-31	1037	36	---	---	---	< .01	---	<.01
91-02-08	1012	---	6	18	.006	---	<.001	---
91-02-08	1015	---	28	40	---	.005	---	<.001
91-04-25	1035	---	6	18	.008	---	.001	---
91-04-25	1040	---	30	42	---	.008	---	.001
91-06-05	1255	---	0	14	.011	---	.008	---
91-06-05	1300	---	17	35	---	.014	---	.008
91-07-09	1045	---	0	16	---	---	---	---
91-07-09	1050	---	15	36	---	.012	---	<.001
91-08-07	1200	---	0	18	---	---	---	---
91-08-07	1205	---	24	42	---	---	---	---
91-08-28	0950	---	0	21	.013	---	<.001	---
91-08-28	0955	---	25	40	---	.029	---	<.001
91-11-07	0945	---	0	18	.011	---	.007	---
91-11-07	0955	---	29	47	---	.013	---	.005
92-02-05	1335	---	0	15	.005	---	.001	---
92-02-05	1340	---	27	42	---	.006	---	.001
92-03-25	0940	---	0	18	.015	---	.001	---
92-03-25	0945	---	28	49	---	.013	---	<.001
92-06-02	1110	---	0	20	.011	---	.001	---
92-06-02	1120	---	29	41	---	.008	---	<.001
92-07-09	1050	---	0	18	.008	---	<.001	---
92-07-09	1055	---	25	43	---	.007	---	<.001
92-07-29	1150	---	0	21	.009	---	<.001	---
92-07-29	1200	---	23	44	---	.017	---	.003
92-09-01	1050	---	0	21	.008	---	.001	---
92-09-01	1100	---	25	43	---	.015	---	.004
92-10-20	1135	---	0	15	.010	---	<.001	---
92-10-20	1145	---	25	40	---	.016	---	.001
				Maximum	.02	.04	<.01	<.01
				75 percentile	.015	.015	<.01	<.01
				50 percentil	.011	.01	.001	.001
				25 percentile	.008	.008	<.001	<.001
				Minimum	.005	.005	<.001	<.001
				Number of samples	17	18	17	18

Table 42.--Nutrient concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Carbon, organic, total (mg/L as C) (00680) Surface water	Carbon, organic, total (mg/L as C) (00680) Bottom water	Carbon, organic, dissolved (mg/L as C) (00681) Surface water	Carbon, organic, dissolved (mg/L as C) (00681) Bottom water
89-05-26	1053	10	---	---	3.4	---	---	---
89-05-26	1115	40	---	---	---	3.2	---	---
89-08-30	946	10	---	---	3.6	---	---	---
89-08-30	1008	40	---	---	---	6.1	---	---
90-01-31	1004	9	---	---	3.1	---	---	---
90-01-31	1012	36	---	---	---	3.0	---	---
90-04-04	1234	9	---	---	3.8	---	---	---
90-04-04	1242	36	---	---	---	3.5	---	---
90-08-31	1019	9	---	---	3.3	---	---	---
90-08-31	1037	36	---	---	---	5.4	---	---
91-02-08	1012	---	6	18	---	---	3.2	---
91-02-08	1015	---	28	40	---	---	---	3.2
91-04-25	1035	---	6	18	---	---	3.1	---
91-04-25	1040	---	30	42	---	---	---	3.3
91-06-05	1255	---	0	14	---	---	3.3	---
91-06-05	1300	---	17	35	---	---	---	3.3
91-07-09	1045	---	0	16	---	---	3.0	---
91-07-09	1050	---	15	36	---	---	---	3.2
91-08-07	1200	---	0	18	---	---	3.3	---
91-08-07	1205	---	24	42	---	---	---	3.5
91-08-28	0950	---	0	21	---	---	---	---
91-08-28	0955	---	25	40	---	---	---	---
91-11-07	0945	---	0	18	---	---	3.0	---
91-11-07	0955	---	29	47	---	---	---	3.1
92-02-05	1335	---	0	15	---	---	3.2	---
92-02-05	1340	---	27	42	---	---	---	3.1
92-03-25	0940	---	0	18	---	---	3.4	---
92-03-25	0945	---	28	49	---	---	---	3.4
92-06-02	1110	---	0	20	---	---	3.1	---
92-06-02	1120	---	29	41	---	---	---	3.2
92-07-09	1050	---	0	18	---	---	2.8	---
92-07-09	1055	---	25	43	---	---	---	2.7
92-07-29	1150	---	0	21	---	---	4.3	---
92-07-29	1200	---	23	44	---	---	---	2.7
92-09-01	1050	---	0	21	---	---	2.6	---
92-09-01	1100	---	25	43	---	---	---	3.1
92-10-20	1135	---	0	15	---	---	2.6	---
92-10-20	1145	---	25	40	---	---	---	2.6
				Maximum	3.8	6.1	4.3	3.5
				75 percentile	3.6	5.4	3.3	3.3
				50 percentil	3.4	3.5	3.1	3.2
				25 percentile	3.3	3.2	3.0	3.1
				Minimum	3.1	3.0	2.6	2.6
				Number of samples	5	5	13	13

Table 42.--Nutrient concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Carbon, organic, suspended (mg/L as C) (00689) Surface water	Carbon, organic, suspended (mg/L as C) (00689) Bottom water
89-05-26	1053	10	---	---	---	---
89-05-26	1115	40	---	---	---	---
89-08-30	0946	10	---	---	---	---
89-08-30	1008	40	---	---	---	---
90-01-31	1004	9	---	---	---	---
90-01-31	1012	36	---	---	---	---
90-04-04	1234	9	---	---	---	---
90-04-04	1242	36	---	---	---	---
90-08-31	1019	9	---	---	---	---
90-08-31	1037	36	---	---	---	---
91-02-08	1012	---	6	18	0.4	---
91-02-08	1015	---	28	40	---	0.4
91-04-25	1035	---	6	18	.2	---
91-04-25	1040	---	30	42	---	.3
91-06-05	1255	---	0	14	.5	---
91-06-05	1300	---	17	35	---	.6
91-07-09	1045	---	0	16	.6	---
91-07-09	1050	---	15	36	---	.7
91-08-07	1200	---	0	18	.5	---
91-08-07	1205	---	24	42	---	.9
91-08-28	0950	---	0	21	---	---
91-08-28	0955	---	25	40	---	---
91-11-07	0945	---	0	18	.7	---
91-11-07	0955	---	29	47	---	.6
92-02-05	1335	---	0	15	.3	---
92-02-05	1340	---	27	42	---	.3
92-03-25	0940	---	0	18	.3	---
92-03-25	0945	---	28	49	---	.3
92-06-02	1110	---	0	20	.3	---
92-06-02	1120	---	29	41	---	.4
92-07-09	1050	---	0	18	.8	---
92-07-09	1055	---	25	43	---	.9
92-07-29	1150	---	0	21	.5	---
92-07-29	1200	---	23	44	---	1.1
92-09-01	1050	---	0	21	.6	---
92-09-01	1100	---	25	43	---	.8
92-10-20	1135	---	0	15	.6	---
92-10-20	1145	---	25	40	---	.7
				Maximum	.8	1.1
				75 percentile	.6	.8
				50 percentil	.5	.6
				25 percentile	.3	.4
				Minimum	.2	.3
				Number of samples	13	13

Table 43.--Nutrient concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, organic, total (mg/L as N) (00605) Surface water	Nitrogen, organic, total (mg/L as N) (00605) Bottom water	Nitrogen, ammonia, total (mg/L as N) (00610) Surface water	Nitrogen, ammonia, total (mg/L as N) (00610) Bottom water
89-05-26	1236	8	---	---	0.59	---	0.01	---
89-05-26	1252	30	---	---	---	---	---	0.06
89-08-30	1034	7	---	---	---	---	<.01	---
89-08-30	1052	30	---	---	---	0.20	---	.3
90-01-31	1104	7	---	---	---	---	.03	---
90-01-31	1110	28	---	---	---	---	---	.01
90-04-04	1334	8	---	---	---	---	<.01	---
90-04-04	1344	31	---	---	---	---	---	<.01
90-08-31	1304	7	---	---	---	---	<.01	---
90-08-31	1324	30	---	---	---	---	---	<.01
91-02-08	1325	---	4	16	---	---	.018	---
91-02-08	1330	---	24	36	---	---	---	.015
91-04-23	1130	---	5	13	.24	---	.057	---
91-04-23	1135	---	22	30	---	.24	---	.059
91-06-07	1030	---	0	11	---	---	.017	---
91-06-07	1035	---	19	40	---	.28	---	.017
91-07-10	1045	---	0	18	.20	---	.003	---
91-07-10	1050	---	24	42	---	.38	---	.025
91-08-08	1200	---	0	18	---	---	<.002	---
91-08-08	1205	---	27	45	---	.44	---	.060
91-08-28	1330	---	0	18	.20	---	.003	---
91-08-28	1335	---	24	45	---	.36	---	.036
91-11-07	1115	---	0	18	.18	---	.023	---
91-11-07	1125	---	24	42	---	.17	---	.029
92-02-06	1240	---	0	18	---	---	.018	---
92-02-06	1245	---	30	48	---	---	---	.016
92-03-23	1345	---	0	18	---	---	.014	---
92-03-23	1355	---	27	45	---	---	---	.020
92-06-02	1410	---	0	20	---	---	.019	---
92-06-02	1420	---	30	45	---	---	---	.052
92-07-10	1120	---	0	21	---	---	<.002	---
92-07-10	1130	---	24	45	---	---	---	.023
92-07-30	1210	---	0	18	---	---	.011	---
92-07-30	1220	---	24	45	---	.12	---	.076
92-09-03	1240	---	0	21	---	---	.012	---
92-09-03	1250	---	27	45	---	.13	---	.071
92-10-21	1120	---	0	21		---	.025	---
92-10-21	1130	---	24	45		---	---	.025
				Maximum	.59	.44	.057	.30
				75 percentile	.24	.36	.019	.06
				50 percentile	.20	.24	.012	.025
				25 percentile	.20	.17	<.01	.016
				Minimum	.18	.12	<.002	<.01
				Number of samples	5	9	19	19

Table 43.--Nutrient concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, ammonia plus, organic, total (mg/L as N) (00625) Surface water	Nitrogen, ammonia plus organic, total (mg/L as N) (00625) Bottom water	Nitrogen, nitrite, dissolved (mg/L as N) (00613) Surface water	Nitrogen, nitrite, dissolved (mg/L as N) (00613) Bottom water
89-05-26	1236	8	---	---	0.60	---	---	---
89-05-26	1252	30	---	---	---	<0.20	---	---
89-08-30	1034	7	---	---	.30	---	---	---
89-08-30	1052	30	---	---	---	.50	---	---
90-01-31	1104	7	---	---	<.20	---	---	---
90-01-31	1110	28	---	---	---	<.20	---	---
90-04-04	1334	8	---	---	.30	---	---	---
90-04-04	1344	31	---	---	---	.20	---	---
90-08-31	1304	7	---	---	.50	---	---	---
90-08-31	1324	30	---	---	---	.40	---	---
91-02-08	1325	---	4	16	<.20	---	0.001	---
91-02-08	1330	---	24	36	---	<.20	---	0.001
91-04-23	1130	---	5	13	.30	---	.017	---
91-04-23	1135	---	22	30	---	.30	---	.001
91-06-07	1030	---	0	11	<.20	---	<.001	---
91-06-07	1035	---	19	40	---	.30	---	<.001
91-07-10	1045	---	0	18	.20	---	.001	---
91-07-10	1050	---	24	42	---	.40	---	.001
91-08-08	1200	---	0	18	.30	---	.003	---
91-08-08	1205	---	27	45	---	.50	---	.003
91-08-28	1330	---	0	18	.20	---	<.001	---
91-08-28	1335	---	24	45	---	.40	---	.002
91-11-07	1115	---	0	18	.20	---	.003	---
91-11-07	1125	---	24	42	---	.20	---	.003
92-02-06	1240	---	0	18	<.20	---	.009	---
92-02-06	1245	---	30	48	---	<.20	---	.004
92-03-23	1345	---	0	18	<.20	---	<.001	---
92-03-23	1355	---	27	45	---	<.20	---	.002
92-06-02	1410	---	0	20	<.20	---	.003	---
92-06-02	1420	---	30	45	---	<.20	---	.007
92-07-10	1120	---	0	21	<.20	---	<.001	---
92-07-10	1130	---	24	45	---	<.20	---	.001
92-07-30	1210	---	0	18	<.20	---	.001	---
92-07-30	1220	---	24	45	---	.20	---	.002
92-09-03	1240	---	0	21	<.20	---	.001	---
92-09-03	1250	---	27	45	---	.20	---	<.001
92-10-21	1120	---	0	21	<.20	---	.005	---
92-10-21	1130	---	24	45	---	<.20	---	.003
				Maximum	.60	.50	.017	.007
				75 percentile	.30	.40	.003	.003
				50 percentile	<.20	.20	.001	.002
				25 percentile	<.20	<.20	<.001	.001
				Minimum	<.20	<.20	<.001	<.001
				Number of samples	19	19	14	14

Table 43.--Nutrient concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Nitrogen, nitrate, dissolved (mg/L as N) (00618) Surface water	Nitrogen, nitrate, dissolved (mg/L as N) (00618) Bottom water	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631 Surface water	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631) Bottom water
89-05-26	1236	8	---	---	---	---	<0.1	---
89-05-26	1252	30	---	---	---	---	---	<0.1
89-08-30	1034	7	---	---	---	---	<.1	---
89-08-30	1052	30	---	---	---	---	---	< .1
90-01-31	1104	7	---	---	---	---	<.1	---
90-01-31	1110	28	---	---	---	---	---	< .1
90-04-04	1334	8	---	---	---	---	<.1	---
90-04-04	1344	31	---	---	---	---	---	< .1
90-08-31	1304	7	---	---	---	---	<.1	---
90-08-31	1324	30	---	---	---	---	---	< .1
91-02-08	1325	---	4	16	0.034	---	.035	---
91-02-08	1330	---	24	36	---	0.030	---	.031
91-04-23	1130	---	5	13	.045	---	.062	---
91-04-23	1135	---	22	30	---	.058	---	.059
91-06-07	1030	---	0	11	---	---	<.005	---
91-06-07	1035	---	19	40	---	---	---	.058
91-07-10	1045	---	0	18	---	---	<.005	---
91-07-10	1050	---	24	42	---	---	---	< .005
91-08-08	1200	---	0	18	---	---	<.005	---
91-08-08	1205	---	27	45	---	---	---	< .005
91-08-28	1330	---	0	18	---	---	.016	---
91-08-28	1335	---	24	45	---	.016	---	.018
91-11-07	1115	---	0	18	.027	---	.030	---
91-11-07	1125	---	24	42	---	.247	---	.25
92-02-06	1240	---	0	18	.021	---	.030	---
92-02-06	1245	---	30	48	---	.018	---	.022
92-03-23	1345	---	0	18	---	---	.024	---
92-03-23	1355	---	27	45	---	.025	---	.027
92-06-02	1410	---	0	20	.004	---	.007	---
92-06-02	1420	---	30	45	---	.022	---	.029
92-07-10	1120	---	0	21	---	---	<.005	---
92-07-10	1130	---	24	45	---	---	---	< .005
92-07-30	1210	---	0	18	.004	---	.005	---
92-07-30	1220	---	24	45	---	.005	---	.007
92-09-03	1240	---	0	21	---	---	<.005	---
92-09-03	1250	---	27	45	---	---	---	< .005
92-10-21	1120	---	0	21	.004	---	.009	---
92-10-21	1130	---	24	45	---	---	---	< .005
				Maximum	.045	.247	<.1	.25
				75 percentile	.034	.03	<.1	<.1
				50 percentile	.021	.022	.024	.029
				25 percentile	.004	.016	<.005	<.005
				Minimum	.004	.005	<.005	<.005
				Number of samples	7	8	19	19

Table 43.--Nutrient concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Phosphorus, total (mg/L as P) (00665) Surface water	Phosphorus, total (mg/L as P) (00665) Bottom water	Phosphorus, ortho-dissolved (mg/L as P) (00671) Surface water	Phosphorus, ortho-dissolved (mg/L as P) (00671) Bottom water
89-05-26	1236	8	---	---	0.01	---	<0.01	---
89-05-26	1252	30	---	---	---	0.01	---	<0.01
89-08-30	1034	7	---	---	<.01	---	<.01	---
89-08-30	1052	30	---	---	---	.04	---	.02
90-01-31	1104	7	---	---	.01	---	<.01	---
90-01-31	1110	28	---	---	---	.02	---	.13
90-04-04	1334	8	---	---	.01	---	<.01	---
90-04-04	1344	31	---	---	---	.01	---	<.01
90-08-31	1304	7	---	---	<.01	---	<.01	---
90-08-31	1324	30	---	---	---	.02	---	<.01
91-02-08	1325	---	4	16	.010	---	<.001	---
91-02-08	1330	---	24	36	---	.005	---	<.001
91-04-23	1130	---	5	13	.003	---	.001	---
91-04-23	1135	---	22	30	---	.008	---	.002
91-06-07	1030	---	0	11	.009	---	.001	---
91-06-07	1035	---	19	40	---	.013	---	<.001
91-07-10	1045	---	0	18	.006	---	.001	---
91-07-10	1050	---	24	42	---	.013	---	<.001
91-08-08	1200	---	0	18	.009	---	<.001	---
91-08-08	1205	---	27	45	---	.025	---	.003
91-08-28	1330	---	0	18	.016	---	<.001	---
91-08-28	1335	---	24	45	---	.033	---	.001
91-11-07	1115	---	0	18	.008	---	.002	---
91-11-07	1125	---	24	42	---	.010	---	.023
92-02-06	1240	---	0	18	.006	---	.001	---
92-02-06	1245	---	30	48	---	.006	---	<.001
92-03-23	1345	---	0	18	.020	---	<.001	---
92-03-23	1355	---	27	45	---	.011	---	.001
92-06-02	1410	---	0	20	.009	---	<.001	---
92-06-02	1420	---	30	45	---	.005	---	.002
92-07-10	1120	---	0	21	.005	---	<.001	---
92-07-10	1130	---	24	45	---	.008	---	.001
92-07-30	1210	---	0	18	.008	---	<.001	---
92-07-30	1220	---	24	45	---	.020	---	.009
92-09-03	1240	---	0	21	.008	---	.005	---
92-09-03	1250	---	27	45	---	.014	---	.002
92-10-21	1120	---	0	21	.010	---	<.001	---
92-10-21	1130	---	24	45	---	.021	---	<.001
				Maximum	.020	.04	<.01	.13
				75 percentile	.01	.02	<.01	<.01
				50 percentile	.009	.013	.001	.002
				25 percentile	.008	.008	<.001	<.001
				Minimum	.003	.005	<.001	<.001
				Number of samples	19	19	19	19

Table 43.--Nutrient concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Carbon, organic, total (mg/L as C) (00680) Surface water	Carbon, organic, total (mg/L as C) (00680) Bottom water	Carbon, organic, dissolved (mg/L as C) (00681) Surface water	Carbon, organic, dissolved (mg/L as C) (00681) Bottom water
89-05-26	1236	8	---	---	3.5	---	---	---
89-05-26	1252	30	---	---	---	3.1	---	---
89-08-30	1034	7	---	---	3.5	---	---	---
89-08-30	1052	30	---	---	---	5.0	---	---
90-01-31	1104	7	---	---	2.8	---	---	---
90-01-31	1110	28	---	---	---	3.0	---	---
90-04-04	1334	8	---	---	3.6	---	---	---
90-04-04	1344	31	---	---	---	3.5	---	---
90-08-31	1304	7	---	---	3.4	---	---	---
90-08-31	1324	30	---	---	---	3.5	---	---
91-02-08	1325	---	4	16	---	---	3.3	---
91-02-08	1330	---	24	36	---	---	---	3.2
91-04-23	1130	---	5	13	---	---	3.4	---
91-04-23	1135	---	22	30	---	---	---	2.8
91-06-07	1030	---	0	11	---	---	3.1	---
91-06-07	1035	---	19	40	---	---	---	3.0
91-07-10	1045	---	0	18	---	---	3.1	---
91-07-10	1050	---	24	42	---	---	---	3.4
91-08-08	1200	---	0	18	---	---	3.1	---
91-08-08	1205	---	27	45	---	---	---	3.2
91-08-28	1330	---	0	18	---	---	2.7	---
91-08-28	1335	---	24	45	---	---	---	2.9
91-11-07	1115	---	0	18	---	---	2.7	---
91-11-07	1125	---	24	42	---	---	---	2.9
92-02-06	1240	---	0	18	---	---	3.2	---
92-02-06	1245	---	30	48	---	---	---	3.2
92-03-23	1345	---	0	18	---	---	3.2	---
92-03-23	1355	---	27	45	---	---	---	3.2
92-06-02	1410	---	0	20	---	---	3.1	---
92-06-02	1420	---	30	45	---	---	---	3.2
92-07-10	1120	---	0	21	---	---	2.7	---
92-07-10	1130	---	24	45	---	---	---	2.6
92-07-30	1210	---	0	18	---	---	2.7	---
92-07-30	1220	---	24	45	---	---	---	3.0
92-09-03	1240	---	0	21	---	---	3.0	---
92-09-03	1250	---	27	45	---	---	---	2.8
92-10-21	1120	---	0	21	---	---	2.4	---
92-10-21	1130	---	24	45	---	---	---	2.6
				Maximum	3.6	5.0	3.4	3.4
				75 percentile	3.5	3.5	3.2	3.2
				50 percentile	3.5	3.5	3.1	3.0
				25 percentile	3.4	3.1	2.7	2.8
				Minimum	2.8	3.0	2.4	2.6
				Number of samples	5	5	14	14

Table 43.--Nutrient concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Carbon, organic, suspended (mg/L as C) (00689) Surface water	Carbon, organic, suspended (mg/L as C) (00689) Bottom water
89-05-26	1236	8	---	---	---	---
89-05-26	1252	30	---	---	---	---
89-08-30	1034	7	---	---	---	---
89-08-30	1052	30	---	---	---	---
90-01-31	1104	7	---	---	---	---
90-01-31	1110	28	---	---	---	---
90-04-04	1334	8	---	---	---	---
90-04-04	1344	31	---	---	---	---
90-08-31	1304	7	---	---	---	---
90-08-31	1324	30	---	---	---	---
91-02-08	1325	---	4	16	0.3	---
91-02-08	1330	---	24	36	---	0.4
91-04-23	1130	---	5	13	.5	---
91-04-23	1135	---	22	30	---	---
91-06-07	1030	---	0	11	.4	---
91-06-07	1035	---	19	40	---	.4
91-07-10	1045	---	0	18	.6	---
91-07-10	1050	---	24	42	---	.9
91-08-08	1200	---	0	18	.5	---
91-08-08	1205	---	27	45	---	.9
91-08-28	1330	---	0	18	.4	---
91-08-28	1335	---	24	45	---	.9
91-11-07	1115	---	0	18	.8	---
91-11-07	1125	---	24	42	---	.8
92-02-06	1240	---	0	18	.3	---
92-02-06	1245	---	30	48	---	.3
92-03-23	1345	---	0	18	---	---
92-03-23	1355	---	27	45	---	.3
92-06-02	1410	---	0	20	.3	---
92-06-02	1420	---	30	45	---	.3
92-07-10	1120	---	0	21	.6	---
92-07-10	1130	---	24	45	---	.8
92-07-30	1210	---	0	18	.5	---
92-07-30	1220	---	24	45	---	.4
92-09-03	1240	---	0	21	.7	---
92-09-03	1250	---	27	45	---	.8
92-10-21	1120	---	0	21	.5	---
92-10-21	1130	---	24	45	---	.4
				Maximum	.8	.9
				75 percentile	.6	.8
				50 percentile	.5	.4
				25 percentile	.4	.4
				Minimum	.3	.3
				Number of samples	13	13

Table 44.--Nutrient concentrations in water, Alum Fork Saline River near Reform, Arkansas (07362587)

[ft^3/s, cubic feet per second; mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Discharge, instanteous (ft^3/s) (00061)	Nitrogen, organic, total (mg/L as N) (00605)	Nitrogen, ammonia, total (mg/L as N) (00610)	Nitrogen, ammonia plus organic, total (mg/L as N) (00625)	Nitrogen, nitrite, dissolved (mg/L as N) (00613)	Nitrogen nitrate, dissolved (mg/L as N) (00618)	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631)
89-05-22	1000	23	---	0.02	<0.20	---	---	<0.1
89-08-28	1000	2.7	0.28	.02	.30	---	---	< .1
89-10-02	0930	21	.48	.02	.50	---	---	< .1
90-01-19	1030	---	.48	.02	.50	---	---	< .1
90-01-29	0945	53	.28	.02	.30	---	---	< .1
90-03-30	1030	866	.29	.01	.30	---	---	< .1
90-04-02	0900	65	.29	.01	.30	---	---	< .1
90-08-28	1000	0	.18	.02	.20	---	---	.1
91-02-05	1100	18	.55	.049	.60	0.012	0.023	.035
91-06-04	1030	4.7	---	.035	<.20	.003	.010	.013
91-10-29	1100	626	.25	.046	.30	.010	.012	.022
92-02-03	1045	11	---	.010	<.20	.007	.003	.010
92-05-21	1245	---	---	.008	<.20	.003	.021	.024
92-08-24	1220	---	---	.011	<.20	.003	.005	.008
Maximum			.55	.049	.60	.012	.023	.1
75 percentile			.48	.02	.30	.010	.021	<.1
50 percentile			.29	.02	.30	.003	.010	<.1
25 percentile			.28	.01	<.20	.003	.005	.022
Minimum			.18	.008	<.20	.003	.003	.008
Number of samples			9	14	14	6	6	14

Date	Time	Discharge, instanteous (ft^3/s) (00061)	Phosphorus, total (mg/L as P) (00665)	Phosphorus, ortho-dissolved (mg/L as P) (00671)	Carbon, organic, total (mg/L as C) (00680)	Carbon organic dissolved (mg/L as C) (00681)	Carbon, organic, suspended (mg/L as C) (00689)
89-05-22	1000	23	0.01	<0.01	2.9	---	---
89-08-28	1000	2.7	.01	<.01	2.5	---	---
89-10-02	0930	21	.03	<.01	4.0	---	---
90-01-19	1030	---	.02	.01	11	---	---
90-01-29	0945	53	.02	<.01	1.7	---	---
90-03-30	1030	466	.01	<.01	4.6	---	---
90-04-02	0900	65	.03	<.01	1.9	---	---
90-08-28	1000	0	.01	<.01	2.7	---	---
91-02-05	1100	18	<.001	.004	---	2.4	0.2
91-06-04	1030	4.7	.010	.002	---	1.8	.1
91-10-29	1100	626	.039	.005	---	9.4	1.1
92-02-03	1045	11	.008	.005	---	1.2	.2
92-05-21	1245	---	.007	.002	---	1.9	.4
92-08-24	1220	---	.008	<.001	---	2.0	.2
Maximum			.039	.01	11	9.4	1.1
75 percentile			.02	<.01	4.0	2.4	.4
50 percentile			.01	<.01	2.7	1.9	.2
25 percentile			.008	.004	1.9	1.8	.2
Minimum			<.001	<.001	1.7	1.2	.1
Number of samples			14	14	8	6	6

Table 45.--Nutrient concentrations in water, Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth, (feet below) surface) (00003)	Nitrogen, organic, total (mg/L as N) (00605)	Nitrogen, ammonia, total (mg/L as N) (00610)	Nitrogen, ammonia plus organic, total (mg/L as N) (00625)	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631)	Phosphorus, total (mg/L as P) (00665)	Phosphorus, ortho- dissolved (mg/L as P) (00671)	Carbon, organic, total (mg/L as C) (00680)
89-05-23	1349	3	0.19	0.01	0.20	<0.1	<0.01	<0.01	3.9
89-05-23	1357	11	---	< .01	.40	< .1	< .01	< .01	3.0
89-08-29	0932	2	.29	.01	.30	< .1	< .01	< .01	3.9
89-08-29	0938	9	---	< .01	.30	< .1	< .01	< .01	3.8
90-01-30	1002	2	---	.03	< .20	< .1	< .01	< .01	3.3
90-01-30	1006	9	.48	.02	.50	< .1	< .01	< .01	3.2
90-04-03	0934	3	.88	.02	.90	< .1	< .01	< .01	3.3
90-04-03	0938	12	.87	.03	.90	< .1	.01	< .01	4.4
90-08-27	1105	4	---	< .01	.30	< .1	< .01	< .01	4.2
90-08-27	1116	14	.48	.02	.50	< .1	.02	< .01	5.1
		Maximum	.88	.03	.90	< .1	.02	< .01	5.1
		75 percentile	.87	.02	.50	< .1	< .01	< .01	4.2
		50 percentile	.48	.01	.30	< .1	< .01	< .01	3.8
		25 percentile	.29	< .01	.30	< .1	< .01	< .01	3.3
		Minimum	.19	< .01	< .20	< .1	< .01	< .01	3.0
		Number of samples	6	10	10	10	10	10	10

Table 46.--Nutrient concentrations in water, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[mg/L, milligram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth, (feet below) surface) (00003)	Nitrogen, organic, total (mg/L as N) (00605)	Nitrogen, ammonia, total (mg/L as N) (00610)	Nitrogen, ammonia plus organic, total (mg/L as N) (00625)	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N) (00631)	Phosphorus, total (mg/L as P) (00665)	Phosphorus, ortho- dissolved (mg/L as P) (00671)	Carbon, organic, total (mg/L as C) (00680)
89-05-24	1014	13	0.28	0.02	0.30	<0.1	0.01	0.07	4.2
89-05-24	1040	54	.17	.03	.20	< .1	< .01	.02	5.5
89-08-29	1031	10	---	< .01	.20	.1	< .01	< .01	4.1
89-08-29	1107	42	---	< .01	< .20	< .1	< .01	< .01	3.5
90-01-30	1106	12	---	.02	< .20	< .1	< .01	< .01	4.1
90-01-30	1114	47	---	.02	< .20	< .1	.02	< .01	3.9
90-04-03	1036	12	.39	.01	.40	---	.01	---	4.3
90-04-03	1046	48	.17	.03	.20	< .1	< .01	< .01	3.9
90-08-27	1341	11	---	< .01	.20	< .1	.02	< .01	4.3
90-08-27	1409	45	---	< .01	.30	.1	.01	< .01	3.8
		Maximum	.39	.03	.40	.1	.02	.07	5.5
		75 percentile	.28	.02	.30	< .1	.01	< .01	4.3
		50 percentile	.17	.01	.20	< .1	< .01	< .01	4.1
		25 percentile	.17	< .01	< .20	< .1	< .01	< .01	3.9
		Minimum	.17	< .01	< .20	< .1	< .01	< .01	3.5
		Number of samples	4	10	10	9	10	9	10

Table 48.--Common constituent concentrations in water, Maumelle River at Williams Junction, Arkansas (07263295)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; ^oC, degrees Celsius; ---, no data]

Date	Time	Discharge, instanteous (ft^3/s) (00061)	Turbidity (NTU) (00076)	Color platinum-cobalt (units) (00080)	Alkalinity field determination (mg/L as CaCO3) (00410)	Calcium, dissolved (mg/L as Ca) (00915)	Magnesium, dissolved (mg/L as Mg) (00925)	Sodium, dissolved (mg/L as Na) (00930)
89-05-22	1330	149	12	70	7	1.1	1.0	1.2
89-08-28	1130	2.6	4.0	35	11	1.7	1.5	1.3
89-10-02	1200	39	6.7	45	8	1.2	1.0	1.5
90-01-19	1345	1,330	24	100	4	1.3	.9	1.0
90-01-29	1230	115	10	50	5	1.1	1.0	1.4
90-03-08	1015	1,930	20	60	3	1.0	.7	.7
90-04-02	1200	147	7.7	25	4	.9	.7	1.2
90-08-28	1150	0	2.5	28	16	4.5	3.2	2.3
91-02-06	0930	175	15	25	4	1.1	1.0	1.3
91-04-23	0930	27	5.4	16	7	1.0	.7	1.5
91-04-27	1045	---	35	80	---	1.1	.7	.8
91-06-04	1245	2.4	2.3	30	9	1.4	1.2	1.4
91-10-29	1330	548	23	96	5	1.5	1.1	1.0
91-11-06	0945	36	6.8	24	6	1.0	.9	1.3
92-02-03	1245	15	3.4	15	6	1.0	.9	1.3
92-03-23	1000	119	6.6	20	7	1.0	.8	1.5
92-05-22	1200	---	4.7	40	12	1.9	1.6	1.6
92-07-01	1030	---	2.9	30	9	1.4	1.2	1.4
92-07-27	1100	---	9.5	50	7	1.2	1.0	1.4
92-08-25	1045	---	3.6	25	11	1.7	1.5	1.7
	Maximum		35	100	16	4.5	3.2	2.3
	75 percentile		12	50	9	1.4	1.2	1.5
	50 percentile		6.7	30	7	1.1	1.0	1.3
	25 percentile		3.6	25	5	1.0	.8	1.2
	Minimum		2.3	15	3	.9	.7	.7
	Number of samples		20	20	19	20	20	20

Table 48.--Common constituent concentrations in water, Maumelle River at Williams Junction, Arkansas (07263295)--Continued

Date	Time	Discharge, instanteous (ft^3/s) (00935)	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)	Solids, dissolved, ROE at 180°C (mg/L) (70300)	Solids, dissolved, calculated sum of (mg/L) (70301)
89-05-22	1330	149	0.5	2.1	2.0	0.1	5.5	34	18
89-08-28	1130	2.6	1.1	1.8	2.0	.1	4.4	19	21
89-10-02	1200	39	.7	1.8	2.0	<.1	6.6	15	19
90-01-19	1345	1,330	1.2	1.9	4.0	<.1	4.6	22	18
90-01-29	1230	115	.7	2.2	3.0	<.1	5.9	23	---
90-03-08	1015	1,930	.8	.7	3.0	<.1	4.0	29	13
90-04-02	1200	147	.4	.2	2.7	<.1	6.6	23	15
90-08-28	1150	0	1.6	2.5	1.1	<.1	1.1	36	26
91-02-06	0930	175	.5	1.4	2.7	<.1	5.1	16	16
91-04-23	0930	27	.4	1.6	2.4	.1	6.1	28	18
91-04-27	1045	---	.7	.8	2.3	<.1	3.9	35	14
91-06-04	1245	2.4	.6	2.1	1.3	.1	5.8	9	20
91-10-29	1330	548	1.1	1.7	2.6	<.1	4.8	27	17
91-11-06	0945	36	.5	1.4	1.5	<.1	7.0	23	18
92-02-03	1245	15	.4	2.1	2.6	.1	5.9	33	18
92-03-23	1000	119	.4	1.3	2.6	<.1	6.6	21	19
92-05-22	1200	---	.6	2.1	1.5	<.1	4.1	34	21
92-07-01	1030	---	.6	1.5	1.5	<.1	5.6	26	19
92-07-27	1100	---	.5	1.7	2.1	<.1	6.5	32	19
92-08-25	1045	---	.6	2.3	1.2	<.1	5.9	22	22
	Maximum		1.6	2.5	4.0	0.1	7.0	36	26
	75 percentile		.7	2.1	2.6	.1	6.1	32	20
	50 percentile		.6	1.7	2.1	<.1	5.6	23	18
	25 percentile		.5	1.4	1.5	< 1	4.4	21	17
	Minimum		.4	.2	1.1	<.1	1.1	9	13
	Number of samples		20	20	20	20	20	20	19

Table 49.--Common constituent concentrations in water, Maumelle River near Wye, Arkansas (07263296)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; ^oC, degrees Celsius; ---, no data]

Date	Time	Discharge, instanteous (ft^3/s)	Turbidity (NTU) (00076)	Color platinum-cobalt (units) (00080)	Alkalinity field determination (mg/L as CaCO3) (00410)	Calcium, dissolved (mg/L as Ca) (00915)	Magnesium, dissolved (mg/L as Mg) (00925)	Sodium, dissolved (mg/L as Na) (00930)
89-05-23	1000	232	1.4	55	8	1.3	1.3	1.4
89-08-28	1300	3.5	2.1	30	13	2.1	2.0	1.8
89-10-02	1345	56	5.7	25	9	1.6	1.4	1.6
90-01-19	1600	---	32	110	3	1.1	1.0	1.0
90-01-29	1400	193	10	45	6	1.3	1.4	1.6
90-03-08	1300	2,330	24	60	2	1.0	.8	.6
90-04-02	1330	190	7.8	25	4	1.1	.90	1.5
90-08-28	1300	---	2.7	28	27	---	---	---
Maximum			32	110	27	2.1	2.0	1.8
75 percentile			10	55	9	1.6	1.4	1.6
50 percentile			5.7	30	6	1.3	1.3	1.5
25 percentile			2.1	25	3	1.1	.9	1.0
Minimum			1.4	25	2	1.0	.8	.6
Number of samples			8	8	8	7	7	7

Date	Time	Discharge, instanteous (ft^3/s)	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)	Solids, dissolved, ROE at 180°C (mg/L) (70300)	Solids, dissolved, calculated sum of (mg/L) (70301)
89-05-23	1000	232	1.0	1.8	3.0	0.1	5.8	33	21
89-08-28	1300	3.5	.9	2.6	2.0	.1	5.4	22	25
89-10-02	1345	56	.8	2.1	3.0	<.1	5.5	23	22
90-01-19	1600	---	1.1	1.9	4.0	<.1	4.8	26	17
90-01-29	1400	193	.7	2.8	4.0	<.1	5.4	3	21
90-03-08	1300	2,330	.8	.7	3.1	<.1	4.1	26	13
90-04-02	1330	190	.6	2.0	3.1	.1	6.2	23	18
90-08-28	1300	---	1.2	3.8	<1.0	<.1	3.3	47	---
Maximum			1.2	3.8	4.0	.1	6.2	47	25
75 percentile			1.0	2.6	3.1	.1	5.5	26	22
50 percentile			.8	2.0	3.0	.1	5.4	23	21
25 percentile			.7	1.8	2.0	.1	4.1	22	17
Minimum			.6	0.7	<1.0	<.1	3.3	3	13
Number of samples			8	8	8	8	8	8	7

Table 50.--Common constituent concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; °C, degrees Celsius; ---, no data]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Turbidity (NTU) (00076) Surface water	Turbidity (NTU) (00076) Bottom water	Color platinum-cobalt (units) (00080) Surface water	Color platinum-cobalt (units) (00080) Bottom water
89-05-25	1024	4	---	---	4.0	---	23	---
89-05-25	1028	16	---	---	---	4.4	---	20
89-08-30	0904	3	---	---	1.1	---	5	---
89-08-30	0908	14	---	---	---	3.0	---	10
90-01-31	0904	3	---	---	7.9	---	47	---
90-01-31	0908	14	---	---	---	8.2	---	45
90-04-04	1014	4	---	---	9.0	---	25	---
90-04-04	1018	16	---	---	---	8.0	---	13
90-08-30	0949	4	---	---	2.3	---	12	---
90-08-30	0958	15	---	---	---	2.1	---	2
91-02-06	1335	---	3	9	5.5	---	12	---
91-02-06	1340	---	16	22	---	56	---	13
91-04-24	1025	---	2	7	7.4	---	30	---
91-04-24	1030	---	11	16	---	7.4	---	25
91-06-05	1000	---	1	13	3.0	---	13	---
91-06-05	1005	---	14	20	---	7.5	---	15
91-07-08	1000	---	0	12	2.2	---	8	---
91-07-08	1005	---	14	20	---	4.0	---	20
91-08-06	1115	---	0	10	2.3	---	6	---
91-08-06	1120	---	16	19	---	3.5	---	8
91-08-27	1030	---	0	10	2.5	---	2	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	5.7	---	22	---
91-11-06	1220	---	9	18	---	5.9	---	24
92-02-05	1055	---	0	9	4.3	---	20	---
92-03-24	1045	---	0	15	8.1	---	45	---
92-06-01	1305	---	0	9	2.3	---	13	---
92-06-01	1310	---	11	20	---	3.8	---	10
92-07-08	1215	---	0	12	1.9	---	13	---
92-07-08	1220	---	17	20	---	4.8	---	30
92-07-28	1150	---	0	9	2.7	---	15	---
92-07-28	1200	---	16	19	---	9.7	---	40
92-08-31	1210	---	0	12	1.9	---	7	---
92-10-19	1200	---	0	16	---	---	---	---
				Maximum	9.0	56	47	45
				75 percentile	5.7	8.0	23	25
				50 percentile	2.7	4.8	13	15
				25 percentile	2.3	3.8	8	10
				Minimum	1.1	2.1	2	2
				Number of samples	18	14	18	14

Table 50.--Common constituent concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Alkalinity field determination (mg/L as CaCO3) (00410) Surface water	Alkalinity field determination (mg/L as CaCO3) (00410) Bottom water	Calcium, dissolved (mg/L as Ca) (00915) Surface water	Calcium, dissolved (mg/L as Ca) (00915) Bottom water
89-05-25	1024	4	---	---	6	---	1.1	---
89-05-25	1028	16	---	---	---	6	---	1.1
89-08-30	0904	3	---	---	7	---	1.2	---
89-08-30	0908	14	---	---	---	8	---	1.4
90-01-31	0904	3	---	---	5	---	1.2	---
90-01-31	0908	14	---	---	---	6	---	1.2
90-04-04	1014	4	---	---	5	---	1.1	---
90-04-04	1018	16	---	---	---	5	---	1.2
90-08-30	0949	4	---	---	5	---	1.3	---
90-08-30	0958	15	---	---	---	5	---	1.3
91-02-06	1335	---	3	9	4	---	1.1	---
91-02-06	1340	---	16	22	---	4	---	1.2
91-04-24	1025	---	2	7	7	---	1.3	---
91-04-24	1030	---	11	16	---	7	---	1.3
91-06-05	1000	---	1	13	6	---	1.2	---
91-06-05	1005	---	14	20	---	7	---	1.3
91-07-08	1000	---	0	12	6	---	1.2	---
91-07-08	1005	---	14	20	---	8	---	1.3
91-08-06	1115	---	0	10	5	---	1.3	---
91-08-06	1120	---	16	19	---	5	---	1.5
91-08-27	1030	---	0	10	5	---	1.4	---
91-08-27	1035	---	12	18	---	5	---	---
91-11-06	1210	---	0	9	7	---	1.2	---
91-11-06	1220	---	9	18	---	7	---	1.2
92-02-05	1055	---	0	9	6	---	1.1	---
92-03-24	1045	---	0	15	6	---	1.0	---
92-06-01	1305	---	0	9	14	---	1.2	---
92-06-01	1310	---	11	20	---	6	---	1.1
92-07-08	1215	---	0	12	8	---	1.2	---
92-07-08	1220	---	17	20	---	7	---	1.3
92-07-28	1150	---	0	9	7	---	1.2	---
92-07-28	1200	---	16	19	---	7	---	1.3
92-08-31	1210	---	0	12	7	---	1.3	---
92-10-19	1200	---	0	16	8	---	---	---
				Maximum	14	8	1.4	1.5
				75 percentile	7	7	1.3	1.3
				50 percentile	6	6	1.2	1.3
				25 percentile	5	5	1.1	1.2
				Minimum	4	4	1.0	1.1
				Number of samples	19	15	18	14

Table 50.--Common constituent concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Magnesium, dissolved (mg/L as Mg) (00925) Surface water	Magnesium, dissolved (mg/L as Mg) (00925) Bottom water	Sodium, dissolved (mg/L as Na) (00930) Surface water	Sodium, dissolved (mg/L as Na) (00930) Bottom water
89-05-25	1024	4	---	---	1.1	---	1.0	---
89-05-25	1028	16	---	---	---	1.1	---	1.0
89-08-30	0904	3	---	---	1.1	---	1.0	---
89-08-30	0908	14	---	---	---	1.2	---	1.1
90-01-31	0904	3	---	---	1.1	---	1.3	---
90-01-31	0908	14	---	---	---	1.1	---	1.3
90-04-04	1014	4	---	---	.9	---	1.1	---
90-04-04	1018	16	---	---	---	1.0	---	1.2
90-08-30	0949	4	---	---	1.1	---	1.2	---
90-08-30	0958	15	---	---	---	1.2	---	1.2
91-02-06	1316	6	---	---	1.0	---	1.1	---
91-02-06	1319	19	---	---	---	1.0	---	1.2
91-02-06	1335	---	3	9	---	---	---	---
91-02-06	1340	---	16	22	---	---	---	---
91-04-24	1025	---	2	7	.9	---	1.1	---
91-04-24	1030	---	11	16	---	1.1	---	1.1
91-06-05	1000	---	1	13	1.0	---	1.2	---
91-06-05	1005	---	14	20	---	1.0	---	1.1
91-07-08	1000	---	0	12	1.1	---	1.1	---
91-07-08	1005	---	14	20	---	1.1	---	1.1
91-08-06	1115	---	0	10	1.0	---	1.2	---
91-08-06	1120	---	16	19	---	1.1	---	1.2
91-08-27	1030	---	0	10	1.1	---	1.2	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	1.1	---	1.0	---
91-11-06	1220	---	9	18	---	1.2	---	1.1
92-02-05	1055	---	0	9	1.0	---	1.1	---
92-03-24	1045	---	0	15	1.0	---	1.1	---
92-06-01	1305	---	0	9	1.0	---	1.1	---
92-06-01	1310	---	11	20	---	1.0	---	1.1
92-07-08	1215	---	0	12	1.1	---	1.2	---
92-07-08	1220	---	17	20	---	1.1	---	1.2
92-07-28	1150	---	0	9	1.1	---	1.2	---
92-07-28	1200	---	16	19	---	1.1	---	1.3
92-08-31	1210	---	0	12	1.1	---	1.2	---
92-10-19	1200	---	0	16	---	---	---	---
			Maximum		1.1	1.2	1.3	1.3
			75 percentile		1.1	1.1	1.2	1.2
			50 percentile		1.1	1.1	1.1	1.1
			25 percentile		1.0	1.0	1.1	1.1
			Minimum		.9	1.0	1.0	1.0
			Number of samples		18	14	18	14

Table 50.--Common constituent concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Potassium, dissolved (mg/L as K) (00935) Surface water	Potassium, dissolved (mg/L as K) (00935) Bottom water	Chloride, dissolved (mg/L as Cl) (00940) Surface water	Chloride, dissolved (mg/L as Cl) (00940) Bottom water
89-05-25	1024	4	---	---	0.6	---	1.5	---
89-05-25	1028	16	---	---	---	0.6	---	1.4
89-08-30	0904	3	---	---	0.6	---	1.3	---
89-08-30	0908	14	---	---	---	0.7	---	1.4
90-01-31	0904	3	---	---	0.6	---	1.9	---
90-01-31	0908	14	---	---	---	0.7	---	1.9
90-04-04	1014	4	---	---	0.5	---	1.9	---
90-04-04	1018	16	---	---	---	0.6	---	1.8
90-08-30	0949	4	---	---	0.6	---	1.7	---
90-08-30	0958	15	---	---	---	0.6	---	1.7
91-02-06	1335	---	3	9	1.0	---	1.1	---
91-02-06	1340	---	16	22	---	1.0	---	1.2
91-04-24	1025	---	2	7	0.6	---	1.4	---
91-04-24	1030	---	11	16	---	0.6	---	1.3
91-06-05	1000	---	1	13	0.6	---	1.7	---
91-06-05	1005	---	14	20	---	0.6	---	1.7
91-07-08	1000	---	0	12	0.6	---	1.8	---
91-07-08	1005	---	14	20	---	0.7	---	2
91-08-06	1115	---	0	10	0.6	---	1.3	---
91-08-06	1120	---	16	19	---	0.6	---	1.4
91-08-27	1030	---	0	10	0.6	---	1.7	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	0.7	---	1.1	---
91-11-06	1220	---	9	18	---	0.7	---	1.4
92-02-05	1055	---	0	9	0.7	---	1.8	---
92-03-24	1045	---	0	15	---	---	1.3	---
92-06-01	1305	---	0	9	0.5	---	1.7	---
92-06-01	1310	---	11	20	---	0.5	---	1.8
92-07-08	1215	---	0	12	0.6	---	1.4	---
92-07-08	1220	---	17	20	---	0.6	---	1.4
92-07-28	1150	---	0	9	0.6	---	1.8	---
92-07-28	1200	---	16	19	---	0.7	---	1.7
92-08-31	1210	---	0	12	---	---	---	---
92-10-19	1200	---	0	16	---	---	---	---
			Maximum		0.7	0.7	1.9	2
			75 percentile		0.6	0.7	1.8	1.8
			50 percentile		0.6	0.6	1.5	1.4
			25 percentile		0.6	0.6	1.3	1.4
			Minimum		0.1	0.5	1.1	1.3
			Number of samples		16	14	17	14

Table 50.--Common constituent concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Sulfate, dissolved (mg/L as SO4) (00945) Surface water	Sulfate, dissolved (mg/L as SO4) (00945) Bottom water	Fluoride, dissolved (mg/L as F) (00950) Surface water	Fluoride, dissolved (mg/L as F) (00950) Bottom water
89-05-25	1024	4	---	---	3.0	---	<0.1	---
89-05-25	1028	16	---	---	---	3.0	---	0.1
89-08-30	0904	3	---	---	3.0	---	<.1	---
89-08-30	0908	14	---	---	---	3.0	---	<.1
90-01-31	0904	3	---	---	3.0	---	.1	---
90-01-31	0908	14	---	---	---	4.0	---	.1
90-04-04	1014	4	---	---	3.9	---	<.1	---
90-04-04	1018	16	---	---	---	3.9	---	<.1
90-08-30	0949	4	---	---	2.9	---	.1	---
90-08-30	0958	15	---	---	---	2.9	---	<.1
91-02-06	1335	---	3	9	2.7	---	<.1	---
91-02-06	1340	---	16	22	---	3.1	---	<.1
91-04-24	1025	---	2	7	2.7	---	<.1	---
91-04-24	1030	---	11	16	---	2.6	---	<.1
91-06-05	1000	---	1	13	3.2	---	.1	---
91-06-05	1005	---	14	20	---	3.2	---	.2
91-07-08	1000	---	0	12	2.5	---	<.1	---
91-07-08	1005	---	14	20	---	2.4	---	<.1
91-08-06	1115	---	0	10	2.8	---	<.1	---
91-08-06	1120	---	16	19	---	2.7	---	<.1
91-08-27	1030	---	0	10	3.2	---	<.1	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	1.2	---	.1	---
91-11-06	1220	---	9	18	---	1.6	---	<.1
92-02-05	1055	---	0	9	3.0	---	.1	---
92-03-24	1045	---	0	15	2.9	---	<.1	---
92-06-01	1305	---	0	9	3.0	---	<.1	---
92-06-01	1310	---	11	20	---	3.0	---	<.1
92-07-08	1215	---	0	12	2.7	---	<.1	---
92-07-08	1220	---	17	20	---	2.6	---	<.1
92-07-28	1150	---	0	9	2.9	---	<.1	---
92-07-28	1200	---	16	19	---	2.8	---	<.1
92-08-31	1210	---	0	12	2.6	---	<.1	---
92-10-19	1200	---	0	16	---	---	---	---
				Maximum	3.9	4.0	.1	.2
				75 percentile	3.0	3.1	<.1	<.1
				50 percentile	2.9	2.9	<.1	<.1
				25 percentile	2.7	2.6	<.1	<.1
				Minimum	1.2	1.6	<.1	<.1
				Number of samples	18	14	18	14

Table 50.--Common constituent concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Silica, dissolved (mg/L as SIO2) (00955) Surface water	Silica, dissolved (mg/L as SIO2) (00955) Bottom water
89-05-25	1024	4	---	---	2.7	---
89-05-25	1028	16	---	---	---	2.9
89-08-30	0904	3	---	---	2.6	---
89-08-30	0908	14	---	---	---	3.2
90-01-31	0904	3	---	---	4.6	---
90-01-31	0908	14	---	---	---	4.7
90-04-04	1014	4	---	---	4.7	---
90-04-04	1018	16	---	---	---	3.9
90-08-30	0949	4	---	---	2.3	---
90-08-30	0958	15	---	---	---	2.2
91-02-06	1335	---	3	9	4.0	---
91-02-06	1340	---	16	22	---	4.0
91-04-24	1025	---	2	7	3.6	---
91-04-24	1030	---	11	16	---	3.6
91-06-05	1000	---	1	13	1.1	---
91-06-05	1005	---	14	20	---	1.5
91-07-08	1000	---	0	12	.8	---
91-07-08	1005	---	14	20	---	1.3
61-08-06	1115	---	0	10	1.7	---
91-08-06	1120	---	16	19	---	2.2
91-08-27	1030	---	0	10	2.2	---
91-08-27	1035	---	12	18	---	---
91-11-06	1210	---	0	9	2.9	---
91-11-06	1220	---	9	18	---	3.4
92-02-05	1055	---	0	9	3.0	---
92-03-24	1045	---	0	15	3.4	---
92-06-01	1305	---	0	9	.9	---
92-06-01	1310	---	11	20	---	.9
92-07-08	1215	---	0	12	1.1	---
92-07-08	1220	---	17	20	---	1.7
92-07-28	1150	---	0	9	1.3	---
92-07-28	1200	---	16	19	---	3.0
92-08-31	1210	---	0	12	1.6	---
92-10-19	1200	---	0	16	---	---
			Maximum		4.7	4.7
			75 percentile		3.4	3.6
			50 percentile		2.3	2.9
			25 percentile		1.3	1.7
			Minimum		.8	.9
			Number of samples		18	14

Table 50.--Common constituent concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Solids, dissolved, ROE at 180°C (mg/L) (70300) Surface water	Solids, dissolved, ROE at 180°C (mg/L) (70300) Bottom water	Solids, dissolved, calculated sum of (mg/L) (70301) Surface water	Solids, dissolved, calculated sum of (mg/L) (70301) Bottom water
89-05-25	1024	4	---	---	20	---	15	---
89-05-25	1028	16	---	---	---	27	---	15
89-08-30	0904	3	---	---	20	---	15	---
89-08-30	0908	14	---	---	---	18	---	17
90-01-31	0904	3	---	---	29	---	17	---
90-01-31	0908	14	---	---	---	27	---	19
90-04-04	1014	4	---	---	22	---	17	---
90-04-04	1018	16	---	---	---	---	---	17
90-08-30	0949	4	---	---	15	---	14	---
90-08-30	0958	15	---	---	---	13	---	14
91-02-06	1335	---	3	9	19	---	15	---
91-02-06	1340	---	16	22	---	13	---	16
91-04-24	1025	---	2	7	23	---	16	---
91-04-24	1030	---	11	16	---	22	---	16
91-06-05	1000	---	1	13	13	---	14	---
91-06-05	1005	---	14	20	---	9	---	15
91-07-08	1000	---	0	12	32	---	13	---
91-07-08	1005	---	14	20	---	43	---	15
91-08-06	1115	---	0	10	12	---	13	---
91-08-06	1120	---	16	19	---	15	---	14
91-08-27	1030	---	0	10	24	---	15	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	17	---	14	---
91-11-06	1220	---	9	18	---	17	---	15
92-02-05	1055	---	0	9	27	---	16	---
92-03-24	1045	---	0	15	14	---	---	---
92-06-01	1305	---	0	9	24	---	18	---
92-06-01	1310	---	11	20	---	30	---	13
92-07-08	1215	---	0	12	12	---	14	---
92-07-08	1220	---	17	20	---	8	---	14
92-07-28	1150	---	0	9	10	---	14	---
92-07-28	1200	---	16	19	---	12	---	16
92-08-31	1210	---	0	12	18	---	14	---
92-10-19	1200	---	0	16	---	---	---	---
				Maximum	32	43	18	19
				75 percentile	24	27	16	16
				50 percentile	19	17	15	15
				25 percentile	14	13	14	14
				Minimum	10	8	13	13
				Number of samples	18	13	17	14

Table 51.--Common constituent concentrations in water, Twin Creek near Wye, Arkansas (072632978)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; ^oC, degrees Celsius; ---, no data]

Date	Time	Turbidity (NTU) (00076)	Color platinum-cobalt (units) (00080)	Alkalinity field determination (mg/L as CaCO3) (00410)	Calcium, dissolved (mg/L as Ca) (00915)	Magnesium, dissolved (mg/L as Mg) (00925)	Sodium, dissolved (mg/L as Na) (00930)
90-04-04	1130	33	45	11	2.8	1.8	1.3
90-07-03	1830	11	130	---	3.1	3.5	1.2
90-07-05	1100	3.6	17	---	1.4	1.7	1.2
91-07-30	1000	68	35	20	2.4	2.4	1.0
91-07-31	1200	---	---	6	---	---	---
91-08-01	0900	23	25	11	1.3	1.6	1.2
92-07-13	1345	75	180	15	1.8	2.1	1.4
92-07-14	1030	16	90	9	1.4	1.6	1.1
92-07-15	0930	6.7	30	7	1.3	1.5	1.1
Maximum		75	180	20	3.1	3.5	1.4
75 percentile		33	90	15	2.4	2.1	1.2
50 percentile		16	35	11	1.4	1.7	1.2
25 percentile		6.7	25	7	1.3	1.6	1.1
Minimum		3.6	17	6	1.3	1.5	1.0
Number of samples		8	8	7	8	8	8

Date	Time	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)	Solids, dissolved, ROE at 180°C (mg/L) (70300)	Solids, dissolved, calculated sum of (mg/L) (70301)
90-04-04	1130	0.7	1.8	5.0	0.1	4.5	34	25
90-07-03	1830	.8	---	---	<.1	5.8	27	---
90-07-05	1100	.7	1.2	2.8	.2	3.0	18	18
91-07-30	1000	.9	.9	1.1	<.1	4.1	42	29
91-07-31	1200	---	---	---	---	---	---	---
91-08-01	0900	.5	1.0	2.4	<.1	1.5	33	15
92-07-13	1345	.6	1.5	.8	<.1	4.4	36	26
92-07-14	1030	.7	1.2	3.0	<.1	2.9	32	20
92-07-15	0930	.5	1.3	2.8	<.1	2.4	26	16
Maximum		.9	1.8	5.0	.2	5.8	42	29
75 percentile		.7	1.3	2.8	<.1	4.4	34	26
50 percentile		.7	1.2	1.1	<.1	3.0	27	20
25 percentile		.5	.9	2.0	<.1	2.4	18	16
Minimum		.5	.1	1.0	<.1	2.4	18	15
Number of samples		8	8	8	8	8	8	7

Table 52.--Common constituent concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; °C, degrees Celsius; ---, no data]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Turbidity (NTU) (00076) Surface water	Turbidity (NTU) (00076) Bottom water	Color platinum-cobalt (units) (00080) Surface water	Color platinum-cobalt (units) (00080) Bottom water
89-05-25	1239	4	---	---	3.7	---	15	---
89-05-25	1247	16	---	---	---	4.9	---	20
89-08-30	1134	4	---	---	.6	---	10	---
89-08-30	1138	16	---	---	---	1.1	---	2
90-01-31	1304	3	---	---	2.5	---	13	---
90-01-31	1308	14	---	---	---	3.1	---	13
90-04-04	1104	4	---	---	7.5	---	13	---
90-04-04	1108	16	---	---	---	6.5	---	14
90-07-03	1704	4	---	---	20	---	17	---
90-07-03	1712	14	---	---	---	1.4	---	7
90-07-05	1155	4	---	---	10	---	12	---
90-07-05	1202	14	---	---	---	1.7	---	17
90-07-10	1112	4	---	---	1.6	---	5	---
90-07-10	1122	14	---	---	---	3.5	---	5
90-08-30	1205	4	---	---	1.3	---	3	---
90-08-30	1210	14	---	---	---	1.6	---	5
91-07-29	1930	---	0	10	2.3	---	3	---
91-07-29	1945	---	16	19	---	2.4	---	4
91-07-30	1200	---	0	10	1.9	---	3	---
91-07-30	1215	---	16	19	---	8.5	---	22
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	4.9	---	12
91-08-01	0915	---	0	10	10	---	20	---
91-08-01	0930	---	16	19	---	6.0	---	12
91-08-07	1040	---	0	10	1.7	---	3	---
91-08-07	1045	---	16	19	---	2.4	---	4
92-07-13	1110	---	0	15	1.1	---	10	---
92-07-13	1120	---	18	21	---	1.4	---	14
92-07-13	1510	---	0	15	1.5	---	7	---
92-07-13	1520	---	17	20	---	9.5	---	30
92-07-14	1120	---	0	15	1.1	---	10	---
92-07-14	1130	---	18	21	---	3.2	---	15
92-07-15	1100	---	0	15	4.1	---	20	---
92-07-15	1120	---	18	21	---	5.2	---	15
92-07-21	1245	---	0	15	1.4	---	10	---
92-07-21	1255	---	18	21	---	1.0	---	13
				Maximum	20	9.5	20	30
				75 percentile	4.1	5.2	13	15
				50 percentile	1.9	3.1	10	13
				25 percentile	1.4	1.6	3	5
				Minimum	.6	1.0	3	2
				Number of samples	17	18	17	18

Table 52.--Common constituent concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Alkalinity field determination (mg/L as CaCO3) (00410) Surface water	Alkalinity field determination (mg/L as CaCO3) (00410) Bottom water	Calcium, dissolved (mg/L as Ca) (00915) Surface water	Calcium, dissolved (mg/L as Ca) (00915) Bottom water
89-05-25	1239	4	---	---	5	---	1.0	---
89-05-25	1247	16	---	---	---	6	---	1.2
89-08-30	1134	4	---	---	7	---	1.2	---
89-08-30	1138	16	---	---	---	7	---	1.2
90-01-31	1304	3	---	---	6	---	1.4	---
90-01-31	1308	14	---	---	---	6	---	1.3
90-04-04	1104	4	---	---	5	---	1.2	---
90-04-04	1108	16	---	---	---	5	---	1.2
90-07-03	1704	4	---	---	---	---	1.2	---
90-07-03	1712	14	---	---	---	---	---	1.2
90-07-05	1155	4	---	---	---	---	1.2	---
90-07-05	1202	14	---	---	---	---	---	1.2
90-07-10	1112	4	---	---	---	---	1.2	---
90-07-10	1122	14	---	---	---	---	---	1.2
90-08-30	1205	4	---	---	5	---	1.3	---
90-08-30	1210	14	---	---	---	5	---	1.3
91-07-29	1930	---	0	10	5	---	1.3	---
91-07-29	1945	---	16	19	---	6	---	1.3
91-07-30	1200	---	0	10	4	---	1.2	---
91-07-30	1215	---	16	19	---	6	---	1.5
91-07-31	1310	---	0	10	6	---	---	---
91-07-31	1320	---	16	19	---	6	---	1.3
91-08-01	0915	---	0	10	6	---	1.3	---
91-08-01	0930	---	16	19	---	6	---	1.1
91-08-07	1040	---	0	10	4	---	1.2	---
91-08-07	1045	---	16	19	---	5	---	1.3
92-07-13	1110	---	0	15	5	---	1.2	---
92-07-13	1120	---	18	21	---	6	---	1.3
92-07-13	1510	---	0	15	6	---	1.2	---
92-07-13	1520	---	17	20	---	8	---	1.4
92-07-14	1120	---	0	15	6	---	1.1	---
92-07-14	1130	---	18	21	---	7	---	1.2
92-07-15	1100	---	0	15	7	---	1.3	---
92-07-15	1120	---	18	21	---	7	---	1.3
92-07-21	1245	---	0	15	6	---	1.2	---
92-07-21	1255	---	18	21	---	6	---	1.2
				Maximum	7	8	1.4	1.5
				75 percentile	6	7	1.3	1.3
				50 percentile	6	6	1.2	1.2
				25 percentile	5	6	1.2	1.2
				Minimum	4	5	1.0	1.1
				Number of samples	15	15	17	18

Table 52.--Common constituent concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Magnesium, dissolved (mg/L as Mg) (00925) Surface water	Magnesium, dissolved (mg/L as Mg) (00925) Bottom water	Sodium, dissolved (mg/L as Na) (00930) Surface water	Sodium, dissolved (mg/L as Na) (00930) Bottom water
89-05-25	1239	4	---	---	1.0	---	1.0	---
89-05-25	1247	16	---	---	---	1.1	---	1.1
89-08-30	1134	4	---	---	1.1	---	1.0	---
89-08-30	1138	16	---	---	---	1.1	---	1.1
90-01-31	1304	3	---	---	1.1	---	1.2	---
90-01-31	1308	14	---	---	---	1.1	---	1.2
90-04-04	1104	4	---	---	1.1	---	1.1	---
90-04-04	1108	16	---	---	---	1	---	1.1
90-07-03	1704	4	---	---	1.1	---	1.2	---
90-07-03	1712	14	---	---	---	1.1	---	1.1
90-07-05	1155	4	---	---	1.0	---	1.2	---
90-07-05	1202	14	---	---	---	1.2	---	1.2
90-07-10	1112	4	---	---	1.2	---	1.2	---
90-07-10	1122	14	---	---	---	1.1	---	1.2
90-08-30	1205	4	---	---	1.2	---	1.2	---
90-08-30	1210	14	---	---	---	1.1	---	1.2
91-07-29	1930	---	0	10	1.4	---	1.4	---
91-07-29	1945	---	16	19	---	1.1	---	1.2
91-07-30	1200	---	0	10	1.3	---	1.1	---
91-07-30	1215	---	16	19	---	1.5	---	1.2
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	1.4	---	1.1
91-08-01	0915	---	0	10	1.5	---	1.0	---
91-08-01	0930	---	16	19	---	1.2	---	1.1
91-08-07	1040	---	0	10	1.0	---	1.2	---
91-08-07	1045	---	16	19	---	1.1	---	1.2
92-07-13	1110	---	0	15	1.1	---	1.3	---
92-07-13	1120	---	18	21	---	1.1	---	1.3
92-07-13	1510	---	0	15	1.1	---	1.3	---
92-07-13	1520	---	17	20	---	1.3	---	1.3
92-07-14	1120	---	0	15	1.1	---	1.3	---
92-07-14	1130	---	18	21	---	1.2	---	1.3
92-07-15	1100	---	0	15	1.3	---	1.2	---
92-07-15	1120	---	18	21	---	1.2	---	1.2
92-07-21	1245	---	0	15	1.0	---	1.1	---
92-07-21	1255	---	18	21	---	1.1	---	1.1
				Maximum	1.5	1.5	1.4	1.3
				75 percentile	1.2	1.2	1.2	1.2
				50 percentile	1.1	1.1	1.2	1.2
				25 percentile	1.1	1.1	1.1	1.1
				Minimum	1.0	1.0	1.0	1.1
				Number of samples	17	18	17	18

Table 52.--Common constituent concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Potassium, dissolved (mg/L as K) (00935) Surface water	Potassium, dissolved (mg/L as K) (00935) Bottom water	Chloride, dissolved (mg/L as Cl) (00940) Surface water	Chloride, dissolved (mg/L as Cl) (00940) Bottom water
89-05-25	1239	4	---	---	0.6	---	1.4	---
89-05-25	1247	16	---	---	---	0.6	---	1.3
89-08-30	1134	4	---	---	.6	---	1.3	---
89-08-30	1138	16	---	---	---	.6	---	1.4
90-01-31	1304	3	---	---	.8	---	1.6	---
90-01-31	1308	14	---	---	---	.6	---	1.6
90-04-04	1104	4	---	---	.6	---	1.8	---
90-04-04	1108	16	---	---	---	.7	---	1.9
90-07-03	1704	4	---	---	.6	---	2.0	---
90-07-03	1712	14	---	---	---	.6	---	<.1
90-07-05	1155	4	---	---	.5	---	<.1	---
90-07-05	1202	14	---	---	---	.6	---	1.4
90-07-10	1112	4	---	---	.5	---	1.9	---
90-07-10	1122	14	---	---	---	.6	---	1.7
90-08-30	1205	4	---	---	.6	---	1.7	---
90-08-30	1210	14	---	---	---	.6	---	1.6
91-07-29	1930	---	0	10	.6	---	1.5	---
91-07-29	1945	---	16	19	---	.5	---	1.5
91-07-30	1200	---	0	10	.6	---	1.6	---
91-07-30	1215	---	16	19	---	.7	---	1.4
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	.7	---	1.5
91-08-01	0915	---	0	10	.5	---	1.6	---
91-08-01	0930	---	16	19	---	.7	---	1.1
91-08-07	1040	---	0	10	.6	---	1.3	---
91-08-07	1045	---	16	19	---	.6	---	1.3
92-07-13	1110	---	0	15	.6	---	1.6	---
92-07-13	1120	---	18	21	---	.6	---	1.5
92-07-13	1510	---	0	15	.6	---	1.5	---
92-07-13	1520	---	17	20	---	.6	---	1.6
92-07-14	1120	---	0	15	.6	---	1.5	---
92-07-14	1130	---	18	21	---	.6	---	1.5
92-07-15	1100	---	0	15	.5	---	1.3	---
92-07-15	1120	---	18	21	---	.6	---	1.4
92-07-21	1245	---	0	15	.6	---	1.7	---
92-07-21	1255	---	18	21	---	.6	---	1.7
				Maximum	.8	.7	2.0	1.9
				75 percentile	.6	.6	1.7	1.6
				50 percentile	.6	.6	1.6	1.5
				25 percentile	.6	.6	1.4	1.4
				Minimum	.5	.5	<.1	<.1
				Number of samples	17	18	17	18

Table 52.--Common constituent concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Sulfate, dissolved (mg/L as SO4) (00945) Surface water	Sulfate, dissolved (mg/L as SO4) (00945) Bottom water	Fluoride, dissolved (mg/L as F) (00950) Surface water	Fluoride, dissolved (mg/L as F) (00950) Bottom water
89-05-25	1239	4	---	---	3.0	---	<0.1	---
89-05-25	1247	16	---	---	---	1.0	---	0.1
89-08-30	1134	4	---	---	3.0	---	<.1	---
89-08-30	1138	16	---	---	---	3.0	---	<.1
90-01-31	1304	3	---	---	3.0	---	.1	---
90-01-31	1308	14	---	---	---	3.0	---	.1
90-04-04	1104	4	---	---	3.6	---	<.1	---
90-04-04	1108	16	---	---	---	3.5	---	<.1
90-07-03	1704	4	---	---	2.9	---	.2	---
90-07-03	1712	14	---	---	---	---	---	<.1
90-07-05	1155	4	---	---	2.8	---	.1	---
90-07-05	1202	14	---	---	---	2.9	---	.2
90-07-10	1112	4	---	---	2.7	---	.3	---
90-07-10	1122	14	---	---	---	2.6	---	.3
90-08-30	1205	4	---	---	3.0	---	.1	---
90-08-30	1210	14	---	---	---	2.8	---	<.1
91-07-29	1930	---	0	10	2.9	---	.1	---
91-07-29	1945	---	16	19	---	2.8	---	.1
91-07-30	1200	---	0	10	2.9	---	.1	---
91-07-30	1215	---	16	19	---	2.5	---	.1
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	2.9	---	.1
91-08-01	0915	---	0	10	3.5	---	.1	---
91-08-01	0930	---	16	19	---	2.5	---	<.1
91-08-07	1040	---	0	10	2.8	---	<.1	---
91-08-07	1045	---	16	19	---	2.9	---	<.1
92-07-13	1110	---	0	15	3.3	---	<.1	---
92-07-13	1120	---	18	21	---	3.0	---	<.1
92-07-13	1510	---	0	15	3.0	---	<.1	---
92-07-13	1520	---	17	20	---	2.7	---	<.1
92-07-14	1120	---	0	15	3.0	---	<.1	---
92-07-14	1130	---	18	21	---	3.1	---	<.1
92-07-15	1100	---	0	15	2.9	---	<.1	---
92-07-15	1120	---	18	21	---	3.2	---	<.1
92-07-21	1245	---	0	15	2.8	---	<.1	---
92-07-21	1255	---	18	21	---	2.9	---	<.1
				Maximum	3.6	3.5	.3	.3
				75 percentile	3.0	3.0	.1	.1
				50 percentile	3.0	2.9	<.1	<.1
				25 percentile	2.9	2.6	<.1	<.1
				Minimum	2.7	1.0	<.1	<.1
				Number of samples	17	18	17	18

Table 52.--Common constituent concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Silica, dissolved (mg/L as SiO2) (00955) Surface water	Silica, dissolved (mg/L as SiO2) (00955) Bottom water
89-05-25	1239	4	---	---	1.8	---
89-05-25	1247	16	---	---	---	2.7
89-08-30	1134	4	---	---	2.4	---
89-08-30	1138	16	---	---	---	2.5
90-01-31	1304	3	---	---	2.2	---
90-01-31	1308	14	---	---	---	2.2
90-04-04	1104	4	---	---	3.1	---
90-04-04	1108	16	---	---	---	3.1
90-07-03	1704	4	---	---	1.4	---
90-07-03	1712	14	---	---	---	1.7
90-07-05	1155	4	---	---	1.1	---
90-07-05	1202	14	---	---	---	1.4
90-07-10	1112	4	---	---	1.7	---
90-07-10	1122	14	---	---	---	2.0
90-08-30	1205	4	---	---	1.9	---
90-08-30	1210	14	---	---	---	1.2
91-07-29	1930	---	0	10	1.3	---
91-07-29	1945	---	16	19	---	1.3
91-07-30	1200	---	0	10	1.4	---
91-07-30	1215	---	16	19	---	1.7
91-07-31	1310	---	0	10	---	---
91-07-31	1320	---	16	19	---	1.4
91-08-01	0915	---	0	10	1.4	---
91-08-01	0930	---	16	19	---	1.5
91-08-07	1040	---	0	10	1.4	---
91-08-07	1045	---	16	19	---	1.7
92-07-13	1110	---	0	15	.8	---
92-07-13	1120	---	18	21	---	.9
92-07-13	1510	---	0	15	.7	---
92-07-13	1520	---	17	20	---	1.5
92-07-14	1120	---	0	15	.8	---
92-07-14	1130	---	18	21	---	1.1
92-07-15	1100	---	0	15	1.6	---
92-07-15	1120	---	18	21	---	1.4
92-07-21	1245	---	0	15	1.0	---
92-07-21	1255	---	18	21	---	1.0
				Maximum	3.1	3.1
				75 percentile	1.8	2.0
				50 percentile	1.4	1.5
				25 percentile	1.1	1.3
				Minimum	.7	.9
				Number of samples	17	18

Table 52.--Common constituent concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Solids, dissolved, ROE at 180°C (mg/L) (70300) Surface water	Solids, dissolved, ROE at 180°C (mg/L) (70300) Bottom water	Solids, dissolved, calculated sum of (mg/L) (70301) Surface water	Solids, dissolved, calculated sum of (mg/L) (70301) Bottom water
89-05-25	1239	4	---	---	26	---	13	---
89-05-25	1247	16	---	---	---	15	---	13
89-08-30	1134	4	---	---	19	---	15	---
89-08-30	1138	16	---	---	---	21	---	15
90-01-31	1304	3	---	---	25	---	15	---
90-01-31	1308	14	---	---	---	24	---	15
90-04-04	1104	4	---	---	27	---	16	---
90-04-04	1108	16	---	---	---	23	---	16
90-07-03	1704	4	---	---	5	---	14	---
90-07-03	1712	14	---	---	---	17	---	---
90-07-05	1155	4	---	---	7	---	---	---
90-07-05	1202	14	---	---	---	10	---	14
90-07-10	1112	4	---	---	14	---	15	---
90-07-10	1122	14	---	---	---	14	---	15
90-08-30	1205	4	---	---	16	---	14	---
90-08-30	1210	14	---	---	---	10	---	13
91-07-29	1930	---	0	10	18	---	14	---
91-07-29	1945	---	16	19	---	8	---	13
91-07-30	1200	---	0	10	7	---	13	---
91-07-30	1215	---	16	19	---	27	---	16
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	6	---	14
91-08-01	0915	---	0	10	27	---	15	---
91-08-01	0930	---	16	19	---	7	---	13
91-08-07	1040	---	0	10	13	---	12	---
91-08-07	1045	---	16	19	---	19	---	13
92-07-13	1110	---	0	15	40	---	13	---
92-07-13	1120	---	18	21	---	24	---	13
92-07-13	1510	---	0	15	22	---	13	---
92-07-13	1520	---	17	20	---	20	---	16
92-07-14	1120	---	0	15	8	---	13	---
92-07-14	1130	---	18	21	---	13	---	15
92-07-15	1100	---	0	15	30	---	15	---
92-07-15	1120	---	18	21	---	22	---	15
92-07-21	1245	---	0	15	18	---	13	---
92-07-21	1255	---	18	21	---	14	---	13
				Maximum	40	27	16	16
				75 percentile	26	22	15	15
				50 percentile	18	15	14	14
				25 percentile	13	10	13	13
				Minimum	5	6	12	13
				Number of samples	17	18	16	17

Table 53.--Common constituent concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; °C, degrees Celsius; ---, no data]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Turbidity (NTU) (00076) Surface water	Turbidity (NTU) (00076) Bottom water	Color platinum-cobalt (units) (00080) Surface water	Color platinum-cobalt (units) (00080) Bottom water
89-05-26	1053	10	---	---	1.7	---	15	---
89-05-26	1115	40	---	---	---	2.3	---	18
89-08-30	946	10	---	---	.5	---	5	---
89-08-30	1008	40	---	---	---	3.5	---	140
90-01-31	1004	9	---	---	2.0	---	15	---
90-01-31	1012	36	---	---	---	1.9	---	7
90-04-04	1234	9	---	---	3.3	---	8	---
90-04-04	1242	36	---	---	---	3.5	---	14
90-08-31	1019	9	---	---	1.0	---	1	---
90-08-31	1037	36	---	---	---	6.1	---	200
91-02-08	1012	---	6	18	4.5	---	3	---
91-02-08	1015	---	28	40	---	3.4	---	5
91-04-25	1035	---	6	18	4.0	---	13	---
91-04-25	1040	---	30	42	---	5	---	15
91-06-05	1255	---	0	14	1.9	---	13	---
91-06-05	1300	---	17	35	---	3.9	---	16
91-07-09	1045	---	0	16	1.5	---	6	---
91-07-09	1050	---	15	36	---	2.2	---	30
91-08-07	1200	---	0	18	1.0	---	3	---
91-08-07	1205	---	24	42	---	4.7	---	80
91-08-28	0950	---	0	21	1.1	---	1	---
91-08-28	0955	---	25	40	---	3.6	---	55
91-11-07	0945	---	0	18	2.7	---	9	---
91-11-07	0955	---	29	47	---	3	---	6
92-02-05	1335	---	0	15	2.3	---	20	---
92-02-05	1340	---	27	42	---	2.6	---	15
92-03-25	0940	---	0	18	6.5	---	25	---
92-03-25	0945	---	28	49	---	6.3	---	25
92-06-02	1110	---	0	20	1.3	---	12	---
92-06-02	1120	---	29	41	---	2.5	---	12
92-07-09	1050	---	0	18	1.1	---	2	---
92-07-09	1055	---	25	43	---	2.9	---	20
92-07-29	1150	---	0	21	.8	---	5	---
92-07-29	1200	---	23	44	---	3.9	---	50
92-09-01	1050	---	0	21	1.4	---	---	---
92-09-01	1100	---	25	43	---	---	---	---
92-10-20	1135	---	0	15	---	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	6.5	6.3	25	200
				75 percentile	2.3	3.9	13	50
				50 percentile	1.5	3.5	6	18
				25 percentile	1.1	2.6	3	14
				Minimum	.5	1.9	1	5
				Number of samples	18	17	18	17

Table 53.--Common constituent concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Alkalinity field determination (mg/L as CaCO3) (00410) Surface water	Alkalinity field determination (mg/L as CaCO3) (00410) Bottom water	Calcium, dissolved (mg/L as Ca) (00915) Surface water	Calcium, dissolved (mg/L as Ca) (00915) Bottom water
89-05-26	1053	10	---	---	4	---	1.1	---
89-05-26	1115	40	---	---	---	7	---	1.4
89-08-30	0946	10	---	---	7	---	1.2	---
89-08-30	1008	40	---	---	---	23	---	2.2
90-01-31	1004	9	---	---	6	---	1.4	---
90-01-31	1012	36	---	---	---	6	---	1.4
90-04-04	1234	9	---	---	5	---	1.2	---
90-04-04	1242	36	---	---	---	5	---	1.3
90-08-31	1019	9	---	---	5	---	1.2	---
90-08-31	1037	36	---	---	---	19	---	2.3
91-02-08	1012	---	6	18	4	---	1.2	---
91-02-08	1015	---	28	40	---	4	---	1.2
91-04-25	1035	---	6	18	6	---	1.3	---
91-04-25	1040	---	30	42	---	6	---	1.2
91-06-05	1255	---	0	14	6	---	1.1	---
91-06-05	1300	---	17	35	---	7	---	1.2
91-07-09	1045	---	0	16	6	---	1.1	---
91-07-09	1050	---	15	36	---	12	---	1.6
91-08-07	1200	---	0	18	5	---	1.2	---
91-08-07	1205	---	24	42	---	15	---	2.0
91-08-28	0950	---	0	21	5	---	1.3	---
91-08-28	0955	---	25	40	---	9	---	1.6
91-11-07	0945	---	0	18	7	---	1.4	---
91-11-07	0955	---	29	47	---	7	---	1.4
92-02-05	1335	---	0	15	6	---	1.2	---
92-02-05	1340	---	27	42	---	6	---	1.2
92-03-25	0940	---	0	18	7	---	1.1	---
92-03-25	0945	---	28	49	---	6	---	1.1
92-06-02	1110	---	0	20	6	---	1.1	---
92-06-02	1120	---	29	41	---	8	---	1.3
92-07-09	1050	---	0	18	6	---	1.2	---
92-07-09	1055	---	25	43	---	8	---	1.5
92-07-29	1150	---	0	21	6	---	1.2	---
92-07-29	1200	---	23	44	---	9	---	1.5
92-09-01	1050	---	0	21	8	---	1.2	---
92-09-01	1100	---	25	43	---	12	---	---
92-10-20	1135	---	0	15	7	---	---	---
92-10-20	1145	---	25	40	---	7	---	---
				Maximum	8	23	1.4	2.3
				75 percentile	7	12	1.2	1.6
				50 percentile	6	7	1.2	1.4
				25 percentile	5	6	1.1	1.2
				Minimum	4	4	1.1	1.1
				Number of samples	19	19	18	17

Table 53.--Common constituent concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Magnesium, dissolved (mg/L as Mg) (00925) Surface water	Magnesium, dissolved (mg/L as Mg) (00925) Bottom water	Sodium, dissolved (mg/L as Na) (00930) Surface water	Sodium, dissolved (mg/L as Na) (00930) Bottom water
89-05-26	1053	10	---	---	1.1	---	1.2	---
89-05-26	1115	40	---	---	---	1.2	---	1.1
89-08-30	0946	10	---	---	1.0	---	1.0	---
89-08-30	1008	40	---	---	---	1.4	---	1.1
90-01-31	1004	9	---	---	1.1	---	1.2	---
90-01-31	1012	36	---	---	---	1.1	---	1.2
90-04-04	1234	9	---	---	1.0	---	1.1	---
90-04-04	1242	36	---	---	---	1.1	---	1.2
90-08-31	1019	9	---	---	1.0	---	1.2	---
90-08-31	1037	36	---	---	---	1.5	---	1.2
91-02-08	1012	---	6	18	1.0	---	1.2	---
91-02-08	1015	---	28	40	---	1.1	---	1.2
91-04-25	1035	---	6	18	1.2	---	1.1	---
91-04-25	1040	---	30	42	---	.9	---	1.0
91-06-05	1255	---	0	14	.9	---	1.1	---
91-06-05	1300	---	17	35	---	1.0	---	1.1
91-07-09	1045	---	0	16	1.1	---	1.1	---
91-07-09	1050	---	15	36	---	1.3	---	1.2
91-08-07	1200	---	0	18	.9	---	1.2	---
91-08-07	1205	---	24	42	---	1.4	---	1.2
91-08-28	0950	---	0	21	1.1	---	2.1	---
91-08-28	0955	---	25	40	---	1.3	---	1.5
91-11-07	0945	---	0	18	1.2	---	1.2	---
91-11-07	0955	---	29	47	---	1.2	---	1.2
92-02-05	1335	---	0	15	1.1	---	1.1	---
92-02-05	1340	---	27	42	---	1.0	---	1.1
92-03-25	0940	---	0	18	1.1	---	1.1	---
92-03-25	0945	---	28	49	---	1.0	---	1.1
92-06-02	1110	---	0	20	1.0	---	1.1	---
92-06-02	1120	---	29	41	---	1.2	---	1.1
92-07-09	1050	---	0	18	1.0	---	1.1	---
92-07-09	1055	---	25	43	---	1.2	---	1.2
92-07-29	1150	---	0	21	1.1	---	1.2	---
92-07-29	1200	---	23	44	---	1.2	---	1.2
92-09-01	1050	---	0	21	1.1	---	1.2	---
92-09-01	1100	---	25	43	---	---	---	---
92-10-20	1135	---	0	15	---	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	1.2	1.5	2.1	1.5
				75 percentile	1.1	1.3	1.2	1.2
				50 percentile	1.1	1.2	1.1	1.2
				25 percentile	1.0	1.1	1.1	1.1
				Minimum	.9	.9	1.0	1.0
				Number of samples	18	17	18	17

Table 53.--Common constituent concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Potassium, dissolved (mg/L as K) (00935) Surface water	Potassium, dissolved (mg/L as K) (00935) Bottom water	Chloride, dissolved (mg/L as Cl) (00940) Surface water	Chloride, dissolved (mg/L as Cl) (00940) Bottom water
89-05-26	1053	10	---	---	0.8	---	1.3	---
89-05-26	1115	40	---	---	---	0.7	---	1.4
89-08-30	0946	10	---	---	.6	---	1.3	---
89-08-30	1008	40	---	---	---	.7	---	2.5
90-01-31	1004	9	---	---	.7	---	1.6	---
90-01-31	1012	36	---	---	---	.6	---	1.6
90-04-04	1234	9	---	---	.6	---	1.9	---
90-04-04	1242	36	---	---	---	.6	---	2.1
90-08-31	1019	9	---	---	.6	---	1.8	---
90-08-31	1037	36	---	---	---	.8	---	2.0
91-02-08	1012	---	6	18	.6	---	1.3	---
91-02-08	1015	---	28	40	---	.6	---	1.4
91-04-25	1035	---	6	18	.6	---	1.6	---
91-04-25	1040	---	30	42	---	.6	---	1.6
91-06-05	1255	---	0	14	.8	---	1.6	---
91-06-05	1300	---	17	35	---	.6	---	1.8
91-07-09	1045	---	0	16	.6	---	1.9	---
91-07-09	1050	---	15	36	---	.7	---	2.0
91-08-07	1200	---	0	18	.6	---	1.4	---
91-08-07	1205	---	24	42	---	.7	---	1.5
91-08-28	0950	---	0	21	.6	---	1.5	---
91-08-28	0955	---	25	40	---	.7	---	1.5
91-11-07	0945	---	0	18	.7	---	1.1	---
91-11-07	0955	---	29	47	---	.7	---	1.3
92-02-05	1335	---	0	15	.7	---	1.6	---
92-02-05	1340	---	27	42	---	.7	---	1.7
92-03-25	0940	---	0	18	.5	---	1.5	---
92-03-25	0945	---	28	49	---	.6	---	1.4
92-06-02	1110	---	0	20	.5	---	1.8	---
92-06-02	1120	---	29	41	---	.6	---	1.8
92-07-09	1050	---	0	18	.6	---	1.5	---
92-07-09	1055	---	25	43	---	.6	---	1.4
92-07-29	1150	---	0	21	.6	---	1.8	---
92-07-29	1200	---	23	44	---	.7	---	2.0
92-09-01	1050	---	0	21	---	---	1.3	---
92-09-01	1100	---	25	43	---	---	---	---
92-10-20	1135	---	0	15	---	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	.8	.8	1.9	2.5
				75 percentile	.7	.7	1.8	2.0
				50 percentile	.6	.7	1.5	1.6
				25 percentile	.6	.6	1.3	1.4
				Minimum	.5	.6	1.1	1.3
				Number of samples	18	17	18	17

Table 53.--Common constituent concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Sulfate, dissolved (mg/L as SO4) (00945) Surface water	Sulfate, dissolved (mg/L as SO4) (00945) Bottom water	Fluoride, dissolved (mg/L as F) (00950) Surface water	Fluoride, dissolved (mg/L as F) (00950) Bottom water
89-05-26	1053	10	---	---	4.0	---	0.1	---
89-05-26	1115	40	---	---	---	3.0	---	<0.1
89-08-30	0946	10	---	---	3.0	---	<.1	---
89-08-30	1008	40	---	---	---	---	---	<.1
90-01-31	1004	9	---	---	3.0	---	.1	---
90-01-31	1012	36	---	---	---	3.0	---	.1
90-04-04	1234	9	---	---	3.3	---	<.1	---
90-04-04	1242	36	---	---	---	3.9	---	.2
90-08-31	1019	9	---	---	2.9	---	<.1	---
90-08-31	1037	36	---	---	---	1.0	---	<.1
91-02-08	1012	---	6	18	8.5	---	<.1	---
91-02-08	1015	---	28	40	---	3.2	---	<.1
91-04-25	1035	---	6	18	2.8	---	.1	---
91-04-25	1040	---	30	42	---	3.1	---	<.1
91-06-05	1255	---	0	14	2.4	---	.2	---
91-06-05	1300	---	17	35	---	3.0	---	.1
91-07-09	1045	---	0	16	2.5	---	<.1	---
91-07-09	1050	---	15	36	---	2.2	---	<.1
91-08-07	1200	---	0	18	3.0	---	<.1	---
91-08-07	1205	---	24	42	---	1.8	---	<.1
91-08-28	0950	---	0	21	2.6	---	<.1	---
91-08-28	0955	---	25	40	---	2.1	---	<.1
91-11-07	0945	---	0	18	1.3	---	.1	---
91-11-07	0955	---	29	47	---	1.4	---	.1
92-02-05	1335	---	0	15	2.9	---	.1	---
92-02-05	1340	---	27	42	---	3.0	---	.1
92-03-25	0940	---	0	18	3.0	---	<.1	---
92-03-25	0945	---	28	49	---	3.1	---	<.1
92-06-02	1110	---	0	20	2.8	---	<.1	---
92-06-02	1120	---	29	41	---	2.8	---	<.1
92-07-09	1050	---	0	18	2.8	---	<.1	---
92-07-09	1055	---	25	43	---	2.4	---	<.1
92-07-29	1150	---	0	21	3.0	---	<.1	---
92-07-29	1200	---	23	44	---	2.4	---	<.1
92-09-01	1050	---	0	21	---	---	<.1	---
92-09-01	1100	---	25	43	---	---	---	---
92-10-20	1135	---	0	15	---	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	8.5	3.9	.2	.2
				75 percentile	3.0	3.0	.1	<.1
				50 percentile	2.9	2.8	<.1	<.1
				25 percentile	2.7	2.1	<.1	<.1
				Minimum	1.3	1.0	<.1	<.1
				Number of samples	18	17	18	17

Table 53.--Common constituent concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Silica, dissolved (mg/L as SiO2) (00955) Surface water	Silica, dissolved (mg/L as SiO2) (00955) Bottom water
89-05-26	1053	10	---	---	2.2	---
89-05-26	1115	40	---	---	---	4.0
89-08-30	0946	10	---	---	2.4	---
89-08-30	1008	40	---	---	---	7.4
90-01-31	1004	9	---	---	2.0	---
90-01-31	1012	36	---	---	---	1.9
90-04-04	1234	9	---	---	2.6	---
90-04-04	1242	36	---	---	---	2.9
90-08-31	1019	9	---	---	1.4	---
90-08-31	1037	36	---	---	---	7.9
91-02-08	1012	---	6	18	2.9	---
91-02-08	1015	---	28	40	---	2.5
91-04-25	1035	---	6	18	2.1	---
91-04-25	1040	---	30	42	---	2.8
91-06-05	1255	---	0	14	1.1	---
91-06-05	1300	---	17	35	---	2.4
91-07-09	1045	---	0	16	.7	---
91-07-09	1050	---	15	36	---	3.6
91-08-07	1200	---	0	18	1.4	---
91-08-07	1205	---	24	42	---	5.6
91-08-28	0950	---	0	21	1.7	---
91-08-28	0955	---	25	40	---	3.7
91-11-07	0945	---	0	18	2.5	---
91-11-07	0955	---	29	47	---	2.5
92-02-05	1335	---	0	15	2.1	---
92-02-05	1340	---	27	42	---	2.0
92-03-25	0940	---	0	18	2.4	---
92-03-25	0945	---	28	49	---	2.4
92-06-02	1110	---	0	20	.8	---
92-06-02	1120	---	29	41	---	2.2
92-07-09	1050	---	0	18	.7	---
92-07-09	1055	---	25	43	---	2.7
92-07-29	1150	---	0	21	.9	---
92-07-29	1200	---	23	44	---	3.2
92-09-01	1050	---	0	21	1.6	---
92-09-01	1100	---	25	43	---	---
92-10-20	1135	---	0	15	---	---
92-10-20	1145	---	25	40	---	---
			Maximum		2.9	7.9
			75 percentile		2.4	3.7
			50 percentile		1.7	2.8
			25 percentile		1.1	2.4
			Minimum		.7	1.9
			Number of samples		18	17

Table 53.--Common constituent concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Solids, dissolved, ROE at 180°C (mg/L) (70300) Surface water	Solids, dissolved, ROE at 180°C (mg/L) (70300) Bottom water	Solids, dissolved, calculated sum of (mg/L) (70301) Surface water	Solids, dissolved, calculated sum of (mg/L) (70301) Bottom water
89-05-26	1053	10	---	---	11	---	14	---
89-05-26	1115	40	---	---	---	27	---	17
89-08-30	0946	10	---	---	19	---	14	---
89-08-30	1008	40	---	---	---	45	---	---
90-01-31	1004	9	---	---	25	---	15	---
90-01-31	1012	36	---	---	---	29	---	15
90-04-04	1234	9	---	---	25	---	15	---
90-04-04	1242	36	---	---	---	23	---	16
90-08-31	1019	9	---	---	12	---	13	---
90-08-31	1037	36	---	---	---	39	---	35
91-02-08	1012	---	6	18	23	---	20	---
91-02-08	1015	---	28	40	---	18	---	15
91-04-25	1035	---	6	18	21	---	15	---
91-04-25	1040	---	30	42	---	10	---	15
91-06-05	1255	---	0	14	33	---	13	---
91-06-05	1300	---	17	35	---	8	---	16
91-07-09	1045	---	0	16	25	---	13	---
91-07-09	1050	---	15	36	---	44	---	22
91-08-07	1200	---	0	18	14	---	13	---
91-08-07	1205	---	24	42	---	22	---	28
91-08-28	0950	---	0	21	13	---	14	---
91-08-28	0955	---	25	40	---	23	---	21
91-11-07	0945	---	0	18	7	---	14	---
91-11-07	0955	---	29	47	---	18	---	14
92-02-05	1335	---	0	15	32	---	15	---
92-02-05	1340	---	27	42	---	20	---	15
92-03-25	0940	---	0	18	<1	---	15	---
92-03-25	0945	---	28	49	---	<1	---	15
92-06-02	1110	---	0	20	24	---	13	---
92-06-02	1120	---	29	41	---	24	---	16
92-07-09	1050	---	0	18	16	---	13	---
92-07-09	1055	---	25	43	---	6	---	17
92-07-29	1150	---	0	21	6	---	13	---
92-07-29	1200	---	23	44	---	34	---	20
92-09-01	1050	---	0	21	18	---	15	---
92-09-01	1100	---	25	43	---	---	---	---
92-10-20	1135	---	0	15	---	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	33	45	20	35
				75 percentile	25	29	15	20
				50 percentile	18	23	14	16
				25 percentile	12	18	13	15
				Minimum	<1	<1	13	14
				Number of samples	18	17	18	16

Table 54.--Common constituent concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; °C, degrees Celsius; ---, no data]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Turbidity (NTU) (00076) Surface water	Turbidity (NTU) (00076) Bottom water	Color platinum-cobalt (units) (00080) Surface water	Color platinum-cobalt (units) (00080) Bottom water
89-05-26	1236	8	---	---	1.7	---	15	---
89-05-26	1252	30	---	---	---	1.8	---	15
89-08-30	1034	7	---	---	.4	---	5	---
89-08-30	1052	30	---	---	---	3.5	---	110
90-01-31	1104	7	---	---	1.6	---	7	---
90-01-31	1110	28	---	---	---	1.6	---	5
90-04-04	1334	8	---	---	2.8	---	12	---
90-04-04	1344	31	---	---	---	2.6	---	13
90-08-31	1304	7	---	---	5.5	---	1	---
90-08-31	1324	30	---	---	---	2.3	---	8
91-02-08	1325	---	4	16	4.6	---	2	---
91-02-08	1330	---	24	36	---	3.5	---	1
91-04-23	1130	---	5	13	3.4	---	10	---
91-04-23	1135	---	22	30	---	3.6	---	12
91-06-07	1030	---	0	11	2.0	---	5	---
91-06-07	1035	---	19	40	---	3.0	---	13
91-07-10	1045	---	0	18	1.4	---	12	---
91-07-10	1050	---	24	42	---	2.7	---	25
91-08-08	1200	---	0	18	1.1	---	4	---
91-08-08	1205	---	27	45	---	4.4	---	60
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	45	---	---	---	---
91-11-07	1115	---	0	18	1.9	---	5	---
91-11-07	1125	---	24	42	---	2.1	---	6
92-02-06	1240	---	0	18	1.9	---	20	---
92-02-06	1245	---	30	48	---	1.8	---	20
92-03-23	1345	---	0	18	3.3	---	15	---
92-03-23	1355	---	27	45	---	3.4	---	20
92-06-02	1410	---	0	20	.9	---	10	---
92-06-02	1420	---	20	45	---	2.5	---	15
92-07-10	1120	---	0	21	1.1	---	7	---
92-07-10	1130	---	24	45	---	2.4	---	15
92-07-30	1210	---	0	18	.7	---	5	---
92-07-30	1220	---	24	45	---	2.9	---	55
92-09-03	1240	---	0	21	1.2	---	2	---
92-09-03	1250	---	27	45	---	3.3	---	14
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
				Maximum	5.5	4.4	20	110
				75 percentile	2.8	3.4	12	20
				50 percentile	1.7	2.7	7	15
				25 percentile	1.1	2.3	5	8
				Minimum	.4	1.6	1	1
				Number of samples	17	17	17	17

Table 54.--Common constituent concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Alkalinity field determination (mg/L as CaCO3) (00410) Surface water	Alkalinity field determination (mg/L as CaCO3) (00410) Bottom water	Calcium, dissolved (mg/L as Ca) (00915) Surface water	Calcium, dissolved (mg/L as Ca) (00915) Bottom water
89-05-26	1236	8	---	---	6	---	1.1	---
89-05-26	1252	30	---	---	---	7	---	1.3
89-08-30	1034	7	---	---	6	---	1.1	---
89-08-30	1052	30	---	---	---	21	---	2.1
90-01-31	1104	7	---	---	---	---	1.4	---
90-01-31	1110	28	---	---	---	6	---	1.4
90-04-04	1334	8	---	---	5	---	1.2	---
90-04-04	1344	31	---	---	---	5	---	1.3
90-08-31	1304	7	---	---	6	---	1.3	---
90-08-31	1324	30	---	---	---	10	---	1.6
91-02-08	1325	---	4	16	4	---	1.2	---
91-02-08	1330	---	24	36	---	6	---	1.2
91-04-23	1130	---	5	13	6	---	1.4	---
91-04-23	1135	---	22	30	---	6	---	1.3
91-06-07	1030	---	0	11	5	---	1.2	---
91-06-07	1035	---	19	40	---	6	---	1.4
91-07-10	1045	---	0	18	5	---	1.1	---
91-07-10	1050	---	24	42	---	10	---	1.6
91-08-08	1200	---	0	18	5	---	1.2	---
91-08-08	1205	---	27	45	---	14	---	1.9
91-08-28	1330	---	0	18	5	---	---	---
91-08-28	1335	---	24	45	---	12	---	---
91-11-07	1115	---	0	18	8	---	1.4	---
91-11-07	1125	---	24	42	---	8	---	1.4
92-02-06	1240	---	0	18	6	---	1.2	---
92-02-06	1245	---	30	48	---	6	---	1.2
92-03-23	1345	---	0	18	6	---	1.2	---
92-03-23	1355	---	27	45	---	6	---	1.2
92-06-02	1410	---	0	20	6	---	1.1	---
92-06-02	1420	---	20	45	---	8	---	1.4
92-07-10	1120	---	0	21	6	---	1.1	---
92-07-10	1130	---	24	45	---	8	---	1.5
92-07-30	1210	---	0	18	6	---	1.2	---
92-07-30	1220	---	24	45	---	9	---	1.6
92-09-03	1240	---	0	21	7	---	1.5	---
92-09-03	1250	---	27	45	---	13	---	1.6
92-10-21	1120	---	0	21	9	---	---	---
92-10-21	1130	---	24	45	---	8	---	---
				Maximum	9	21	1.4	2.1
				75 percentile	6	10	1.3	1.6
				50 percentile	6	8	1.2	1.4
				25 percentile	5	6	1.1	1.3
				Minimum	4	4	1.1	1.2
				Number of samples	18	19	17	17

Table 54.--Common constituent concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Magnesium, dissolved (mg/L as Mg) (00925) Surface water	Magnesium, dissolved (mg/L as Mg) (00925) Bottom water	Sodium, dissolved (mg/L as Na) (00930) Surface water	Sodium, dissolved (mg/L as Na) (00930) Bottom water
89-05-26	1236	8	---	---	1.1	---	1.1	---
89-05-26	1252	30	---	---	---	1.2	---	1.1
89-08-30	1034	7	---	---	.9	---	1.0	---
89-08-30	1052	30	---	---	---	1.5	---	1.2
90-01-31	1104	7	---	---	1.1	---	1.2	---
90-01-31	1110	28	---	---	---	1.1	---	1.2
90-04-04	1334	8	---	---	1.0	---	1.2	---
90-04-04	1344	31	---	---	---	1.1	---	1.2
90-08-31	1304	7	---	---	1.1	---	1.2	---
90-08-31	1324	30	---	---	---	1.4	---	1.2
91-02-08	1325	---	4	16	1.1	---	1.1	---
91-02-08	1330	---	24	36	---	1.1	---	1.1
91-04-23	1130	---	5	13	1.0	---	1.3	---
91-04-23	1135	---	22	30	---	.9	---	1.3
91-06-07	1030	---	0	11	.5	---	1.1	---
91-06-07	1035	---	19	40	---	1.1	---	1.2
91-07-10	1045	---	0	18	1.1	---	1.1	---
91-07-10	1050	---	24	42	---	1.3	---	1.1
91-08-08	1200	---	0	18	1.0	---	1.2	---
91-08-08	1205	---	27	45	---	1.3	---	1.2
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	45	---	---	---	---
91-11-07	1115	---	0	18	1.2	---	1.2	---
91-11-07	1125	---	24	42	---	1.2	---	1.2
92-02-06	1240	---	0	18	1.1	---	1.1	---
92-02-06	1245	---	30	48	---	1.0	---	1.1
92-03-23	1345	---	0	18	1.0	---	1.1	---
92-03-23	1355	---	27	45	---	1.1	---	1.1
92-06-02	1410	---	0	20	1.1	---	1.1	---
92-06-02	1420	---	20	45	---	1.2	---	1.1
92-07-10	1120	---	0	21	1.0	---	1.1	---
92-07-10	1130	---	24	45	---	1.2	---	1.1
92-07-30	1210	---	0	18	1.0	---	1.3	---
92-07-30	1220	---	24	45	---	1.3	---	1.5
92-09-03	1240	---	0	21	1.5	---	1.1	---
92-09-03	1250	---	27	45	---	1.6	---	1.3
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
			Maximum		1.5	1.6	1.3	1.5
			75 percentile		1.1	1.3	1.2	1.2
			50 percentile		1.1	1.2	1.1	1.2
			25 percentile		1.0	1.1	1.1	1.1
			Minimum		.5	.9	1.0	1.1
			Number of samples		17	17	17	17

Table 54.--Common constituent concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Potassium, dissolved (mg/L as K) (00935) Surface water	Potassium, dissolved (mg/L as K) (00935) Bottom water	Chloride, dissolved (mg/L as Cl) (00940) Surface water	Chloride, dissolved (mg/L as Cl) (00940) Bottom water
89-05-26	1236	8	---	---	0.7	---	1.3	---
89-05-26	1252	30	---	---	---	0.6	---	1.4
89-08-30	1034	7	---	---	.5	---	1.3	---
89-08-30	1052	30	---	---	---	.7	---	1.9
90-01-31	1104	7	---	---	.6	---	1.5	---
90-01-31	1110	28	---	---	---	.6	---	1.6
90-04-04	1334	8	---	---	.6	---	2.0	---
90-04-04	1344	31	---	---	---	.5	---	1.9
90-08-31	1304	7	---	---	.6	---	1.7	---
90-08-31	1324	30	---	---	---	.7	---	1.7
91-02-08	1325	---	4	16	.6	---	1.4	---
91-02-08	1330	---	24	36	---	.7	---	1.6
91-04-23	1130	---	5	13	.6	---	1.6	---
91-04-23	1135	---	22	30	---	.6	---	1.7
91-06-07	1030	---	0	11	.6	---	1.3	---
91-06-07	1035	---	19	40	---	.6	---	1.3
91-07-10	1045	---	0	18	.6	---	1.9	---
91-07-10	1050	---	24	42	---	.7	---	2.0
91-08-08	1200	---	0	18	.5	---	1.6	---
91-08-08	1205	---	27	45	---	.6	---	1.5
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	45	---	---	---	---
91-11-07	1115	---	0	18	.6	---	1.0	---
91-11-07	1125	---	24	42	---	.6	---	1.2
92-02-06	1240	---	0	18	.5	---	1.7	---
92-02-06	1245	---	30	48	---	.6	---	1.7
92-03-23	1345	---	0	18	.5	---	1.6	---
92-03-23	1355	---	27	45	---	.6	---	1.5
92-06-02	1410	---	0	20	.5	---	1.7	---
92-06-02	1420	---	20	45	---	.6	---	1.7
92-07-10	1120	---	0	21	.6	---	1.4	---
92-07-10	1130	---	24	45	---	.6	---	1.4
92-07-30	1210	---	0	18	.6	---	1.7	---
92-07-30	1220	---	24	45	---	.6	---	2.0
92-09-03	1240	---	0	21	.6	---	1.1	---
92-09-03	1250	---	27	45	---	.7	---	1.1
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
				Maximum	.7	.7	2.0	2.0
				75 percentile	.6	.7	1.7	1.7
				50 percentile	.6	.6	1.6	1.6
				25 percentile	.5	.6	1.3	1.4
				Minimum	.5	.5	1.0	1.1
				Number of samples	17	17	17	17

Table 54.--Common constituent concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Potassium, dissolved (mg/L as K) (00935) Surface water	Potassium, dissolved (mg/L as K) (00935) Bottom water	Chloride, dissolved (mg/L as Cl) (00940) Surface water	Chloride, dissolved (mg/L as Cl) (00940) Bottom water
89-05-26	1236	8	---	---	0.7	---	1.3	---
89-05-26	1252	30	---	---	---	0.6	---	1.4
89-08-30	1034	7	---	---	.5	---	1.3	---
89-08-30	1052	30	---	---	---	.7	---	1.9
90-01-31	1104	7	---	---	.6	---	1.5	---
90-01-31	1110	28	---	---	---	.6	---	1.6
90-04-04	1334	8	---	---	.6	---	2.0	---
90-04-04	1344	31	---	---	---	.5	---	1.9
90-08-31	1304	7	---	---	.6	---	1.7	---
90-08-31	1324	30	---	---	---	.7	---	1.7
91-02-08	1325	---	4	16	.6	---	1.4	---
91-02-08	1330	---	24	36	---	.7	---	1.6
91-04-23	1130	---	5	13	.6	---	1.6	---
91-04-23	1135	---	22	30	---	.6	---	1.7
91-06-07	1030	---	0	11	.6	---	1.3	---
91-06-07	1035	---	19	40	---	.6	---	1.3
91-07-10	1045	---	0	18	.6	---	1.9	---
91-07-10	1050	---	24	42	---	.7	---	2.0
91-08-08	1200	---	0	18	.5	---	1.6	---
91-08-08	1205	---	27	45	---	.6	---	1.5
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	45	---	---	---	---
91-11-07	1115	---	0	18	.6	---	1.0	---
91-11-07	1125	---	24	42	---	.6	---	1.2
92-02-06	1240	---	0	18	.5	---	1.7	---
92-02-06	1245	---	30	48	---	.6	---	1.7
92-03-23	1345	---	0	18	.5	---	1.6	---
92-03-23	1355	---	27	45	---	.6	---	1.5
92-06-02	1410	---	0	20	.5	---	1.7	---
92-06-02	1420	---	20	45	---	.6	---	1.7
92-07-10	1120	---	0	21	.6	---	1.4	---
92-07-10	1130	---	24	45	---	.6	---	1.4
92-07-30	1210	---	0	18	.6	---	1.7	---
92-07-30	1220	---	24	45	---	.6	---	2.0
92-09-03	1240	---	0	21	.6	---	1.1	---
92-09-03	1250	---	27	45	---	.7	---	1.1
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
				Maximum	.7	.7	2.0	2.0
				75 percentile	.6	.7	1.7	1.7
				50 percentile	.6	.6	1.6	1.6
				25 percentile	.5	.6	1.3	1.4
				Minimum	.5	.5	1.0	1.1
				Number of samples	17	17	17	17

Table 54.--Common constituent concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Sulfate, dissolved (mg/L as SO4) (00945) Surface water	Sulfate, dissolved (mg/L as SO4) (00945) Bottom water	Fluoride, dissolved (mg/L as F) (00950) Surface water	Fluoride, dissolved (mg/L as F) (00950) Bottom water
89-05-26	1236	8	---	---	3.0	---	0.1	---
89-05-26	1252	30	---	---	---	3.0	---	0.1
89-08-30	1034	7	---	---	3.0	---	<.1	---
89-08-30	1052	30	---	---	---	---	---	<.1
90-01-31	1104	7	---	---	3.0	---	.1	---
90-01-31	1110	28	---	---	---	3.0	---	.1
90-04-04	1334	8	---	---	3.9	---	.2	---
90-04-04	1344	31	---	---	---	4.1	---	.2
90-08-31	1304	7	---	---	2.9	---	<.1	---
90-08-31	1324	30	---	---	---	2.2	---	<.1
91-02-08	1325	---	4	16	3.3	---	<.1	---
91-02-08	1330	---	24	36	---	2.7	---	<.1
91-04-23	1130	---	5	13	3.1	---	<.1	---
91-04-23	1135	---	22	30	---	3.2	---	<.1
91-06-07	1030	---	0	11	2.7	---	<.1	---
91-06-07	1035	---	19	40	---	2.9	---	<.1
91-07-10	1045	---	0	18	2.5	---	<.1	---
91-07-10	1050	---	24	42	---	2.4	---	<.1
91-08-08	1200	---	0	18	2.8	---	<.1	---
91-08-08	1205	---	27	45	---	2.1	---	<.1
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	45	---	---	---	<.1
91-11-07	1115	---	0	18	1.2	---	.1	---
91-11-07	1125	---	24	42	---	1.4	---	---
92-02-06	1240	---	0	18	3.0	---	.2	---
92-02-06	1245	---	30	48	---	3.0	---	.1
92-03-23	1345	---	0	18	2.9	---	<.1	---
92-03-23	1355	---	27	45	---	3.0	---	<.1
92-06-02	1410	---	0	20	2.9	---	<.1	---
92-06-02	1420	---	20	45	---	2.8	---	<.1
92-07-10	1120	---	0	21	2.8	---	<.1	---
92-07-10	1130	---	24	45	---	2.6	---	<.1
92-07-30	1210	---	0	18	3.0	---	<.1	---
92-07-30	1220	---	24	45	---	2.5	---	<.1
92-09-03	1240	---	0	21	2.8	---	<.1	---
92-09-03	1250	---	27	45	---	2.1	---	<.1
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
				Maximum	3.9	4.1	.2	.2
				75 percentile	3.0	3.0	<.1	<.1
				50 percentile	2.9	2.7	<.1	<.1
				25 percentile	2.8	2.2	<.1	<.1
				Minimum	1.2	1.0	<.1	<.1
				Number of samples	17	17	17	17

Table 54.--Common constituent concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Silica, dissolved (mg/L as SiO2) (00955) Surface water	Silica, dissolved (mg/L as SiO2) (00955) Bottom water
89-05-26	1236	8	---	---	2.2	---
89-05-26	1252	30	---	---	---	3.4
89-08-30	1034	7	---	---	2.2	---
89-08-30	1052	30	---	---	---	6.6
90-01-31	1104	7	---	---	2.2	---
90-01-31	1110	28	---	---	---	2.2
90-04-04	1334	8	---	---	2.3	---
90-04-04	1344	31	---	---	---	2.5
90-08-31	1304	7	---	---	1.9	---
90-08-31	1324	30	---	---	---	4.4
91-02-08	1325	---	4	16	2.7	---
91-02-08	1330	---	24	36	---	2.4
91-04-23	1130	---	5	13	2.0	---
91-04-23	1135	---	22	30	---	2.5
91-06-07	1030	---	0	11	1.1	---
91-06-07	1035	---	19	40	---	2.4
91-07-10	1045	---	0	18	.8	---
91-07-10	1050	---	24	42	---	3.2
91-08-08	1200	---	0	18	1.5	---
91-08-08	1205	---	27	45	---	5.5
91-08-28	1330	---	0	18	---	---
91-08-28	1335	---	24	45	---	---
91-11-07	1115	---	0	18	2.3	---
91-11-07	1125	---	24	42	---	2.4
92-02-06	1240	---	0	18	1.7	---
92-02-06	1245	---	30	48	---	1.7
92-03-23	1345	---	0	18	1.8	---
92-03-23	1355	---	27	45	---	1.9
92-06-02	1410	---	0	20	1.0	---
92-06-02	1420	---	20	45	---	2.7
92-07-10	1120	---	0	21	.9	---
92-07-10	1130	---	24	45	---	2.8
92-07-30	1210	---	0	18	.9	---
92-07-30	1220	---	24	45	---	3.2
92-09-03	1240	---	0	21	1.4	---
92-09-03	1250	---	27	45	---	3.3
92-10-21	1120	---	0	21	---	---
92-10-21	1130	---	24	45	---	---
			Maximum		2.7	6.6
			75 percentile		2.2	3.3
			50 percentile		1.8	2.7
			25 percentile		1.1	2.4
			Minimum		.8	1.7
			Number of samples		17	17

Table 54.--Common constituent concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Solids, dissolved, ROE at 180°C (mg/L) (70300) Surface water	Solids, dissolved, ROE at 180°C (mg/L) (70300) Bottom water	Solids, dissolved, calculated sum of (mg/L) (70301) Surface water	Solids, dissolved, calculated sum of (mg/L) (70301) Bottom water
89-05-26	1236	8	---	---	19	---	14	---
89-05-26	1252	30	---	---	---	22	---	16
89-08-30	1034	7	---	---	23	---	14	---
89-08-30	1052	30	---	---	---	37	---	---
90-01-31	1104	7	---	---	16	---	15	---
90-01-31	1110	28	---	---	---	29	---	15
90-04-04	1334	8	---	---	15	---	15	---
90-04-04	1344	31	---	---	---	21	---	16
90-08-31	1304	7	---	---	19	---	15	---
90-08-31	1324	30	---	---	---	24	---	19
91-02-08	1325	---	4	16	11	---	15	---
91-02-08	1330	---	24	36	---	12	---	14
91-04-23	1130	---	5	13	19	---	15	---
91-04-23	1135	---	22	30	---	20	---	16
91-06-07	1030	---	0	11	6	---	12	---
91-06-07	1035	---	19	40	---	8	---	15
91-07-10	1045	---	0	18	37	---	12	---
91-07-10	1050	---	24	42	---	36	---	20
91-08-08	1200	---	0	18	19	---	13	---
91-08-08	1205	---	27	45	---	20	---	27
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	45	---	---	---	---
91-11-07	1115	---	0	18	15	---	14	---
91-11-07	1125	---	24	42	---	17	---	15
92-02-06	1240	---	0	18	28	---	14	---
92-02-06	1245	---	30	48	---	30	---	14
92-03-23	1345	---	0	18	3	---	14	---
92-03-23	1355	---	27	45	---	4	---	14
92-06-02	1410	---	0	20	34	---	13	---
92-06-02	1420	---	20	45	---	28	---	17
92-07-10	1120	---	0	21	---	---	13	---
92-07-10	1130	---	24	45	---	6	---	17
92-07-30	1210	---	0	18	8	---	13	---
92-07-30	1220	---	24	45	---	23	---	21
92-09-03	1240	---	0	21	32	---	14	---
92-09-03	1250	---	27	45	---	20	---	22
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
				Maximum	37	37	15	27
				75 percentile	23	28	15	19
				50 percentile	19	21	14	16
				25 percentile	11	17	13	15
				Minimum	1	4	12	14
				Number of samples	17	17	17	16

Table 55.--Common constituent concentrations in water, Alum Fork Saline River near Reform, Arkansas (07362587)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; ^oC, degrees Celsius; ---, no data]

Date	Time	Discharge, instanteous (ft^3/s) (00061)	Turbidity (NTU) (00076)	Color platinum-cobalt (units) (00080)	Alkalinity field determination (mg/L as CaCO3) (00410)	Calcium, dissolved (mg/L as Ca) (00915)	Magnesium, dissolved (mg/L as Mg) (00925)	Sodium, dissolved (mg/L as Na) (00930)
89-05-22	1000	2.3	6.9	35	6	1.3	1.2	1.3
89-08-28	1000	2.7	3.6	20	11	1.7	1.4	1.2
89-10-02	0930	21	8.9	30	7	1.4	1.1	1.2
90-01-19	1030	---	1.6	100	3	1.5	.9	.7
90-01-29	0945	53	6.3	33	6	1.2	1.0	1.1
90-03-30	1030	466	10	45	3	1.2	.7	.9
90-04-02	0900	65	5.7	25	4	1.0	.7	1.0
90-08-28	1000	0	1.9	8	15	2.5	2.0	1.9
91-02-05	1100	18	4.0	12	6	1.0	.9	.9
91-06-04	1030	4.7	3.2	25	8	1.3	1.1	1.1
91-10-29	1100	626	13	98	6	1.4	1.0	.8
92-02-03	1045	11	3.3	15	5	1.1	.8	1.0
92-05-21	1245	---	1.6	10	9	1.5	1.2	1.2
92-08-24	1220	---	1.7	22	11	1.7	1.3	1.4
	Maximum		13	100	15	2.5	2.0	1.9
	75 percentile		6.9	35	9	1.5	1.2	1.2
	50 percentile		3.6	25	6	1.3	1.0	1.1
	25 percentile		1.9	15	5	1.2	.9	.9
	Minimum		1.6	8	3	1.0	.7	.7
	Number of samples		14	14	14	14	14	14

Date	Time	Discharge, instanteous (ft^3/s) (00061)	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)	Solids, dissolved, ROE at 180^oC (mg/L) (70300)	Solids, dissolved, calculated sum of (mg/L) (70301)
89-05-22	1000	2.3	0.6	1.5	3.0	0.1	6.0	27	19
89-08-28	1000	2.7	.6	1.4	2.0	<.1	5.3	25	21
89-10-02	0930	21	.5	1.3	2.0	<.1	6.0	17	18
90-01-19	1030	---	1.0	1.4	3.0	<.1	3.6	34	14
90-01-29	0945	53	.5	1.5	3.0	<.1	5.1	15	---
90-03-30	1030	466	.4	1.6	2.6	.1	5.5	28	15
90-04-02	0900	65	.4	1.6	2.4	<.1	5.6	23	15
90-08-28	1000	0	.7	1.8	1.9	<.1	2.5	19	23
91-02-05	1100	18	.3	1.8	2.2	<.1	4.6	6	16
91-06-04	1030	4.7	.4	1.0	1.6	<.1	5.3	42	17
91-10-29	1100	626	.8	1.2	2.8	<.1	4.9	36	17
92-02-03	1045	11	.3	1.5	2.4	.1	4.8	14	15
92-05-21	1245	---	.3	1.4	1.7	<.1	4.3	4	17
92-08-24	1220	---	.4	1.1	1.3	<.1	5.2	15	19
	Maximum		1.0	1.8	3.0	.1	6.0	42	23
	75 percentile		.6	1.6	2.8	<.1	5.5	28	19
	50 percentile		.4	1.4	2.2	<.1	5.1	19	17
	25 percentile		.4	1.3	1.9	<.1	4.6	15	15
	Minimum		.3	1.0	1.3	<.1	2.5	4	14
	Number of samples		14	14	14	14	14	14	13

Table 56.--Common constituent concentrations in water, Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; ^oC, degrees Celsius; ---, no data]

Date	Time	Point sample depth, (feet below surface) (00003)	Turbidity (NTU) (00076)	Color platinum-cobalt (units) (00080)	Alkalinity field determination (mg/L as CaCO3) (00410)	Calcium, dissolved (mg/L as Ca) (00915)	Magnesium, dissolved (mg/L as Mg) (00925)	Sodium, dissolved (mg/L as Na) (00930)
89-05-23	1349	3	2.5	25	6	1.3	0.8	0.9
89-05-23	1357	11	5.4	25	7	1.3	.8	1.1
89-08-29	0932	2	.5	10	7	1.5	1.0	1.0
89-08-29	0938	9	1.4	30	8	1.6	1.1	1.0
90-01-30	1002	2	5.0	35	6	1.4	.9	1.0
90-01-30	1006	9	5.3	27	5	1.4	.8	1.0
90-04-03	0934	3	6.2	35	4	1.4	.7	.9
90-04-03	0938	12	7.2	45	5	1.4	.8	.9
90-08-27	1105	4	1.5	14	6	1.5	.9	.9
90-08-27	1116	14	4.0	48	9	1.9	1.1	.9
	Maximum		7.2	48	9	1.9	1.1	1.1
	75 percentile		5.4	35	7	1.5	1.0	1.0
	50 percentile		4.0	27	6	1.4	.8	.9
	25 percentile		1.5	25	5	1.4	.8	.9
	Minimum		.5	10	4	1.3	.7	.9
	Number of samples		10	10	10	10	10	10

Date	Time	Point sample depth, (feet below surface) (00003)	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)	Solids, dissolved, ROE at 180°C (mg/L) (70300)	Solids, dissolved, calculated sum of (mg/L) (70301)
89-05-23	1349	3	0.6	1.2	3.0	<0.1	2.7	28	14
89-05-23	1357	11	.5	1.2	3.0	.1	4.6	<1	17
89-08-29	0932	2	.4	.9	2.0	<.1	2.3	17	13
89-08-29	0938	9	.5	1.0	2.0	<.1	2.9	20	15
90-01-30	1002	2	.4	1.5	3.0	<.1	4.5	27	16
90-01-30	1006	9	.5	1.3	3.0	.1	4.4	24	16
90-04-03	0934	3	.5	1.6	3.0	.1	4.1	26	15
90-04-03	0938	12	.5	1.5	2.9	<.1	4.2	24	15
90-08-27	1105	4	.4	1.3	2.2	<.1	2.0	16	13
90-08-27	1116	14	.5	1.3	1.9	<.1	3.1	19	17
	Maximum		.6	1.6	3.0	0.1	4.6	28	17
	75 percentile		.5	1.5	3.0	<.1	4.4	26	16
	50 percentile		.5	1.3	2.9	<.1	3.1	20	15
	25 percentile		.4	1.2	2.0	<.1	2.7	17	14
	Minimum		.4	.9	1.9	<.1	2.0	<1	13
	Number of samples		10	10	10	10	10	10	10

Table 57.--Common constituent concentrations in water, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; ^oC, degrees Celsius; ---, no data]

Date	Time	Point sample depth, (feet below surface) (00003)	Turbidity (NTU) (00076)	Color platinum-cobalt (units) (00080)	Alkalinity field determination (mg/L as CaCO3) (00410)	Calcium, dissolved (mg/L as Ca) (00915)	Magnesium, dissolved (mg/L as Mg) (00925)	Sodium, dissolved (mg/L as Na) (00930)
89-05-24	1014	13	2.8	20	5	1.3	0.8	0.9
89-05-24	1040	54	3.5	30	5	1.3	.8	.9
89-08-29	1031	10	1.4	25	6	1.4	.9	.9
89-08-29	1107	42	.4	10	7	1.5	.9	.9
90-01-30	1106	12	3.2	25	6	1.5	.9	.9
90-01-30	1114	47	3.1	28	6	1.5	.8	.9
90-04-03	1036	12	---	---	4	---	---	---
90-04-03	1046	48	3.9	18	5	1.5	.9	1.0
90-08-27	1341	11	1.0	6	5	1.5	.9	.9
90-08-27	1409	45	3.8	47	6	1.6	1.0	.9
	Maximum		3.9	47	7	1.6	1.0	1.0
	75 percentile		3.5	28	6	1.5	.9	.9
	50 percentile		3.1	25	5	1.5	.9	.9
	25 percentile		1.4	18	5	1.4	.8	.9
	Minimum		.4	6	4	1.3	.8	.9
	Number of samples		9	9	10	9	9	9

Date	Time	Point sample depth, (feet below surface) (00003)	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)	Solids, dissolved, ROE at 180°C (mg/L) (70300)	Solids, dissolved, calculated sum of (mg/L) (70301)
89-05-24	1014	13	0.5	0.9	3.0	0.1	2.6	6	13
89-05-24	1040	54	.5	.9	3.0	.1	4.0	12	15
89-08-29	1031	10	.5	.9	3.0	<.1	4.1	26	16
89-08-29	1107	42	.5	1.0	2.0	<.1	2.4	22	14
90-01-30	1106	12	.6	1.1	3.0	.1	3.6	29	15
90-01-30	1114	47	.5	1.1	3.0	.1	3.6	30	15
90-04-03	1036	12	---	---	---	---	---	---	---
90-04-03	1046	48	.5	1.7	3.3	.1	4.2	25	16
90-08-27	1341	11	.5	1.1	2.2	<.1	2.2	21	12
90-08-27	1409	45	.5	1.3	2.5	<.1	4.9	32	17
	Maximum		.6	1.7	3.3	.1	4.9	32	17
	75 percentile		.5	1.1	3.0	.1	4.1	29	16
	50 percentile		.5	1.1	3.0	.1	3.6	25	15
	25 percentile		.5	.9	2.5	<.1	2.6	21	14
	Minimum		.5	.9	2.0	<.1	2.2	6	12
	Number of samples		9	9	9	9	9	9	9

Table 58.--Common constituent concentrations in water, Lake Winona at Reform, Arkansas (07362590)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; NTU, nephelometric turbidity unit; mg/L, milligram per liter; ROE, residue on evaporation; ^oC, degrees Celsius; ---, no data]

Date	Time	Point sample depth, (feet below surface) (00003)	Turbidity (NTU) (00076)	Color platinum-cobalt (units) (00080)	Alkalinity field determination (mg/L as CaC03) (00410)	Calcium, dissolved (mg/L as Ca) (00915)	Magnesium, dissolved (mg/L as Mg) (00925)	Sodium, dissolved (mg/L as Na) (00930)
89-05-24	1329	18	3.0	25	5	1.3	0.9	0.9
89-05-24	1357	72	3.4	25	4	1.3	.8	.8
89-08-29	1156	17	1.4	15	7	1.5	1.0	.9
89-08-29	1230	61	1.2	20	5	1.2	.8	.8
90-01-30	1236	18	2.2	25	6	1.5	.9	.9
90-01-30	1250	72	3.3	27	6	1.5	.9	.9
90-04-03	1208	18	5.8	35	4	1.5	.8	.9
90-04-03	1226	72	3.0	18	5	1.5	.8	.9
90-08-29	1035	10	1.0	8	5	1.5	.9	.9
90-08-29	1103	66	3.0	27	5	1.5	1.1	.9
91-02-05	1232	20	5.4	25	---	1.4	.9	.9
91-02-05	1237	70	4.5	25	---	1.3	.9	.8
91-06-03	1335	17	10	55	6	1.4	.9	.8
91-06-03	1346	70	4.0	25	6	1.4	.9	.8
91-09-06	1057	10	1.5	6	6	1.6	.9	.8
91-09-06	1115	50	2.4	14	5	1.5	.9	.9
92-02-04	1033	15	2.3	25	6	1.3	.8	.8
92-02-04	1039	70	2.5	20	6	1.3	.7	.8
92-06-15	1254	12	2.1	15	---	1.3	.8	.8
92-06-15	1302	50	2.1	15	5	1.3	.8	.9
92-09-09	1122	10	1.0	7	7	1.5	.9	.9
92-09-09	1138	50	2.0	13	6	1.4	.9	.9
	Maximum		10	55	7	1.6	1.0	.9
	75 percentile		3.4	25	6	1.5	.9	.9
	50 percentile		2.4	20	6	1.4	.9	.9
	25 percentile		2.0	15	5	1.3	.8	.8
	Minimum		1.0	6	4	1.2	.7	.8
	Number of samples		22	22	19	22	22	22

Table 58.--Common constituent concentrations in water, Lake Winona at Reform, Arkansas (07362590)--Continued

Date	Time	Point sample depth, (feet below surface) (00003)	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)	Solids, dissolved, ROE at 180°C (mg/L) (70300)	Solids, dissolved, calculated sum of (mg/L) (70301)
89-05-24	1329	18	0.4	0.8	3.0	<0.1	2.8	13	13
89-05-24	1357	72	.5	.8	3.0	.1	4.1	21	14
89-08-29	1156	17	.5	1.0	3.0	<.1	3.3	28	15
89-08-29	1230	61	.4	1.0	3.0	<.1	3.8	19	15
90-01-30	1236	18	.5	1.0	3.0	.1	3.6	33	15
90-01-30	1250	72	.5	1.0	3.0	.1	3.6	33	15
90-04-03	1208	18	.5	1.5	2.9	<.1	3.9	29	15
90-04-03	1226	72	.5	1.6	3.2	.1	4.5	26	16
90-08-29	1035	10	.5	1.1	2.0	<.1	2.1	8	12
90-08-29	1103	66	.5	1.4	2.4	<.1	4.3	13	16
91-02-05	1232	20	.5	.8	2.4	<.1	4.1	22	14
91-02-05	1237	70	.5	1.1	2.6	<.1	4.2	16	15
91-06-03	1335	17	.5	.8	2.3	<.1	3.4	49	14
91-06-03	1346	70	.5	.8	2.4	<.1	4.3	20	15
91-09-06	1057	10	.5	1.1	2.2	<.1	1.6	13	13
91-09-06	1115	50	.4	1.3	2.5	<.1	4.2	12	16
92-02-04	1033	15	.4	1.2	2.5	.1	3.9	26	15
92-02-04	1039	70	.5	1.2	2.5	.1	4.0	20	15
92-06-15	1254	12	.4	2.2	2.7	<.1	2.3	14	14
92-06-15	1302	50	.4	2.0	2.5	<.1	3.6	8	15
92-09-09	1122	10	.4	1.1	2.1	<.1	2.4	20	14
92-09-09	1138	50	.4	1.0	2.2	<.1	3.9	25	15
	Maximum		.5	2.2	3.2	.1	4.5	49	16
	75 percentile		.5	1.3	3.0	.1	4.1	26	15
	50 percentile		.5	1.1	2.5	<.1	3.8	20	15
	25 percentile		.4	1.0	2.4	<.1	3.3	13	14
	Minimum		.4	.8	2.0	<.1	1.6	8	12
	Number of samples		22	22	22	22	22	22	22

Table 59.--Trace metal concentrations in water, Maumelle River at Williams Junction, Arkansas (07263295)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; <, less than; ---, no data]

Date	Time	Discharge, instantaneous (ft^3/s) (00061)	Arsenic, total (ug/L as As) (01002)	Barium, total (ug/L as Ba) (01007)	Boron, total (ug/L as Bo) (01020)	Cadmium, total (ug/L as Cd) (01027)	Chromium, total (ug/L as Cr) (01034)	Iron, total (ug/L as Fe) (01045)	Iron, dissolved (ug/L as Fe) (01046)
89-05-22	1330	149	<1	<100	<10	<1	1	910	120
89-08-28	1130	2.6	---	---	10	---	---	---	470
89-10-02	1200	39	---	---	10	---	---	---	88
90-01-19	1345	1,330	---	---	<10	---	---	---	77
90-01-29	1230	115	<1	<100	<10	<1	<1	530	110
90-03-08	1015	1,930	---	---	40	---	---	---	280
90-04-02	1200	147	---	---	<10	---	---	---	34
90-08-28	1150	0	1	---	<10	1	<1	650	400
91-02-06	0930	175	---	---	---	---	---	840	57
91-04-23	0930	27	---	---	---	---	---	330	150
91-04-27	1045	---	---	---	---	---	---	1500	190
91-06-04	1245	2.4	---	---	---	---	---	530	230
91-10-29	1330	548	---	---	---	---	---	1800	280
91-11-06	945	36	---	---	---	---	---	250	130
92-02-03	1245	15	---	---	---	---	---	290	130
92-03-23	1000	119	---	---	---	---	---	300	66
92-05-22	1200	---	---	---	---	---	---	700	390
92-07-01	1030	---	---	---	---	---	---	750	430
92-07-27	1100	---	---	---	---	---	---	510	220
92-08-25	1045	---	---	---	---	---	---	680	400
Maximum			1	<100	40	1	1	1,800	470
75 percentile			---	---	10	---	---	840	280
50 percentile			---	---	<10	---	---	650	150
25 percentile			---	---	<10	---	---	330	88
Minimum			<1	<100	<10	<1	<1	250	34
Number of samples			3	2	8	3	3	15	20

Table 59.--Trace metal concentrations in water, Maumelle River at Williams Junction, Arkansas (07263295)--Continued

Date	Time	Discharge, instantaneous (ft^3/s) (00061)	Lead, total (ug/L as Pb) (01051)	Manganese, total (ug/L as Mn) (01055)	Manganese, dissolved (ug/L as Mn) (01056)	Silver, total (ug/L as Ag) (01077)	Selenium, total (ug/L as Se) (01147)	Mercury, total (ug/L as Hg) (71900)
89-05-22	1330	149	15	70	---	<1	<1	<0.1
89-08-28	1130	2.6	---	---	---	---	---	---
89-10-02	1200	39	---	---	---	---	---	---
90-01-19	1345	1,330	---	---	---	---	---	---
90-01-29	1230	115	5	10	---	<1	<1	< .1
90-03-08	1015	1,930	---	---	---	---	---	---
90-04-02	1200	147	---	---	---	---	---	---
90-08-28	1150	0	<1	130	---	<1	<1	< .1
91-02-06	0930	175	---	20	11	---	---	---
91-04-23	0930	27	---	<10	8	---	---	---
91-04-27	1045	---	---	70	38	---	---	---
91-06-04	1245	2.4	---	20	24	---	---	---
91-10-29	1330	548	---	70	28	---	---	---
91-11-06	0945	36	---	10	8	---	---	---
92-02-03	1245	15	---	<10	7	---	---	---
92-03-23	1000	119	---	<10	5	---	---	---
92-05-22	1200	---	---	70	40	---	---	---
92-07-01	1030	---	---	40	25	---	---	---
92-07-27	1100	---	---	30	22	---	---	---
92-08-25	1045	---	---	50	48	---	---	---
Maximum			15	130	48	<1	<1	< .1
75 percentile *			---	70	28	---	---	---
50 percentile			---	30	22	---	---	---
25 percentile			---	10	8	---	---	---
Minimum			<1	<10	5	<1	<1	< .1
Number of samples			3	15	12	3	3	3

Table 60.--Trace metal concentrations in water, Maumelle River near Wye, Arkansas (07263296)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; <, less than; ---, no data]

Date	Time	Discharge, instantaneous (ft^3/s) (00061)	Arsenic, total (ug/L as As) (01002)	Barium, total (ug/L as Ba) (01007)	Boron, total (ug/L as Bo) (01020)	Cadmium, total (ug/L as Cd) (01027)	Chromium, total (ug/L as Cr) (01034)	Iron, total (ug/L as Fe) (01045)	Iron, dissolved (ug/L as Fe) (01046)
89-05-23	1000	232	<1	<100	20	<1	2	1,400	270
89-08-28	1300	3.5	---	---	20	---	---	---	680
89-10-02	1345	56	---	---	20	---	---	---	130
90-01-19	1600	---	---	---	<10	---	---	---	170
90-01-29	1400	193	<1	<100	<10	<1	<1	650	120
90-03-08	1300	2,330	---	---	40	---	---	---	300
90-04-02	1330	190	---	---	<10	---	---	---	35
90-08-28	1300	---	1	---	10	<1	<1	1,000	410
Maximum			<1	<100	40	<1	2	1,400	680
75 percentile			---	---	20	---	---	---	300
50 percentile			---	---	10	---	---	---	170
25 percentile			---	---	<10	---	---	---	120
Minimum			<1	<100	<10	<1	<1	650	35
Number of samples			3	2	8	3	3	3	8

Date	Time	Discharge, instantaneous (ft^3/s) (00061)	Lead, total (ug/L as Pb) (01051)	Manganese, total (ug/L as Mn) (01055)	Silver, total (ug/L as Ag) (01077)	Selenium, total (ug/L as Se) (01147)	Mercury, total (ug/L as Hg) (71900)
89-05-23	1000	232	5	30	<1	<1	<0.1
89-08-28	1300	3.5	---	---	---	---	---
89-10-02	1345	56	---	---	---	---	---
90-01-19	1600	---	---	---	---	---	---
90-01-29	1400	193	3	40	<1	<1	< .1
90-03-08	1300	2,330	---	---	---	---	---
90-04-02	1330	190	---	---	---	---	---
90-08-28	1300	---	3	450	<1	<1	< .1
Maximum			5	450	<1	<1	< .1
75 percentile			---	---	---	---	---
50 percentile			---	---	---	---	---
25 percentile			---	---	---	---	---
Minimum			3	30	<1	<1	< .1
Number of samples			3	3	3	3	3

Table 61.--Trace metal concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; <, less than; ---, no data]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Arsenic, total (ug/L as As) (01002) Surface water	Arsenic, total (ug/L as As) (01002) Bottom water	Barium, total (ug/L as Ba) (01007) Surface water	Barium, total (ug/L as Ba) (01007) Bottom water
89-05-25	1024	4	---	---	<1	---	<100	---
89-05-25	1028	16	---	---	---	<1	---	<100
89-08-30	0904	3	---	---	---	---	---	---
89-08-30	0908	14	---	---	---	---	---	---
90-01-31	0904	3	---	---	<1	---	<100	---
90-01-31	0908	14	---	---	---	<1	---	100
90-04-04	1014	4	---	---	---	---	---	---
90-04-04	1018	16	---	---	---	---	---	---
90-08-30	0949	4	---	---	<1	---	<100	---
90-08-30	0958	15	---	---	---	<1	---	<100
91-02-06	1335	---	3	9	---	---	---	---
91-02-06	1340	---	16	22	---	---	---	---
91-04-24	1025	---	1	7	---	---	---	---
91-04-24	1030	---	11	16	---	---	---	---
91-06-05	1000	---	1	13	---	---	---	---
91-06-05	1005	---	14	20	---	---	---	---
91-07-08	1000	---	0	12	---	---	---	---
91-07-08	1005	---	14	20	---	---	---	---
91-08-06	1115	---	0	10	---	---	---	---
91-08-06	1120	---	16	19	---	---	---	---
91-08-27	1030	---	0	10	---	---	---	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	---	---	---	---
91-11-06	1220	---	9	18	---	---	---	---
92-02-05	1055	---	0	9	---	---	---	---
92-03-24	1045	---	0	15	---	---	---	---
92-06-01	1305	---	0	9	---	---	---	---
92-06-01	1310	---	11	20	---	---	---	---
92-07-08	1215	---	0	12	---	---	---	---
92-07-08	1220	---	17	20	---	---	---	---
92-07-28	1150	---	0	9	---	---	---	---
92-07-28	1200	---	16	19	---	---	---	---
92-08-31	1210	---	0	12	---	---	---	---
92-10-19	1200	---	0	16	---	---	---	---
				Maximum	<1	<1	<100	<100
				75 percentile	---	---	---	---
				50 percentile	---	---	---	---
				25 percentile	---	---	---	---
				Minimum	<1	<1	<100	<100
				Number of samples	3	3	3	3

Table 61.--Trace metal concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Boron, total (ug/L as Bo) (01020) Surface water	Boron, total (ug/L as Bo) (01020) Bottom water	Cadmium, total (ug/L as Cd) (01027) Surface water	Cadmium, total (ug/L as Cd) (01027) Bottom water
89-05-25	1024	4	---	---	<10	---	<1	---
89-05-25	1028	16	---	---	---	<10	---	<1
89-08-30	0904	3	---	---	<10	---	---	---
89-08-30	0908	14	---	---	---	<10	---	---
90-01-31	0904	3	---	---	<10	---	<1	---
90-01-31	0908	14	---	---	---	<10	---	<1
90-04-04	1014	4	---	---	<10	---	---	---
90-04-04	1018	16	---	---	---	<10	---	---
90-08-30	0949	4	---	---	<10	---	<1	---
90-08-30	0958	15	---	---	---	<10	---	<1
91-02-06	1335	---	3	9	---	---	---	---
91-02-06	1340	---	16	22	---	---	---	---
91-04-24	1025	---	1	7	---	---	---	---
91-04-24	1030	---	11	16	---	---	---	---
91-06-05	1000	---	1	13	---	---	---	---
91-06-05	1005	---	14	20	---	---	---	---
91-07-08	1000	---	0	12	---	---	---	---
91-07-08	1005	---	14	20	---	---	---	---
91-08-06	1115	---	0	10	---	---	---	---
91-08-06	1120	---	16	19	---	---	---	---
91-08-27	1030	---	0	10	---	---	---	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	---	---	---	---
91-11-06	1220	---	9	18	---	---	---	---
92-02-05	1055	---	0	9	---	---	---	---
92-03-24	1045	---	0	15	---	---	---	---
92-06-01	1305	---	0	9	---	---	---	---
92-06-01	1310	---	11	20	---	---	---	---
92-07-08	1215	---	0	12	---	---	---	---
92-07-08	1220	---	17	20	---	---	---	---
92-07-28	1150	---	0	9	---	---	---	---
92-07-28	1200	---	16	19	---	---	---	---
92-08-31	1210	---	0	12	---	---	---	---
92-10-19	1200	---	0	16	---	---	---	---
				Maximum	<10	<10	<1	<1
				75 percentile	<10	<10	---	---
				50 percentile	<10	<10	---	---
				25 percentile	<10	<10	---	---
				Minimum	<10	<10	<1	<1
				Number of samples	5	5	3	3

Table 61.--Trace metal concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Chromium, total (ug/L as Cr) (01034) Surface water	Chromium, total (ug/L as Cr) (01034) Bottom water	Iron, total (ug/L as Fe) (01045) Surface water	Iron, total (ug/L as Fe) (01045) Bottom water
89-05-25	1024	4	---	---	2	---	350	---
89-05-25	1028	16	---	---	---	1	---	480
89-08-30	0904	3	---	---	---	---	---	---
89-08-30	0908	14	---	---	---	---	---	---
90-01-31	0904	3	---	---	<1	---	420	---
90-01-31	0908	14	---	---	---	<1	---	470
90-04-04	1014	4	---	---	---	---	---	---
90-04-04	1018	16	---	---	---	---	---	---
90-08-30	0949	4	---	---	1	---	260	---
90-08-30	0958	15	---	---	---	<1	---	300
91-02-06	1335	---	3	9	---	---	250	---
91-02-06	1340	---	16	22	---	---	---	430
91-04-24	1025	---	1	7	---	---	480	---
91-04-24	1030	---	11	16	---	---	---	540
91-06-05	1000	---	1	13	---	---	180	---
91-06-05	1005	---	14	20	---	---	---	590
91-07-08	1000	---	0	12	---	---	60	---
91-07-08	1005	---	14	20	---	---	---	630
91-08-06	1115	---	0	10	---	---	---	---
91-08-06	1120	---	16	19	---	---	---	---
91-08-27	1030	---	0	10	---	---	240	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	---	---	220	---
91-11-06	1220	---	9	18	---	---	---	260
92-02-05	1055	---	0	9	---	---	400	---
92-03-24	1045	---	0	15	---	---	460	---
92-06-01	1305	---	0	9	---	---	150	---
92-06-01	1310	---	11	20	---	---	---	300
92-07-08	1215	---	0	12	---	---	190	---
92-07-08	1220	---	17	20	---	---	---	590
92-07-28	1150	---	0	9	---	---	190	---
92-07-28	1200	---	16	19	---	---	---	700
92-08-31	1210	---	0	12	---	---	200	---
92-10-19	1200	---	0	16	---	---	180	---
				Maximum	2	1	480	700
				75 percentile	---	---	350	590
				50 percentile	---	---	220	480
				25 percentile	---	---	180	300
				Minimum	<1	<1	60	260
				Number of samples	3	3	16	11

Table 61.--Trace metal concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Iron, dissolved (ug/L as Fe) (01046) Surface water	Iron, dissolved (ug/L as Fe) (01046) Bottom water	Lead, total (ug/L as Pb) (01051) Surface water	Lead, total (ug/L as Pb) (01051) Bottom water
89-05-25	1024	4	---	---	94	---	1	---
89-05-25	1028	16	---	---	---	76	---	2
89-08-30	0904	3	---	---	140	---	---	---
89-08-30	0908	14	---	---	---	180	---	---
90-01-31	0904	3	---	---	97	---	1	---
90-01-31	0908	14	---	---	---	95	---	1
90-04-04	1014	4	---	---	210	---	---	---
90-04-04	1018	16	---	---	---	150	---	---
90-08-30	0949	4	---	---	73	---	1	---
90-08-30	0958	15	---	---	---	63	---	5
91-02-06	1335	---	3	9	48	---	---	---
91-02-06	1340	---	16	22	---	17	---	---
91-04-24	1025	---	1	7	150	---	---	---
91-04-24	1030	---	11	16	---	140	---	---
91-06-05	1000	---	1	13	16	---	---	---
91-06-05	1005	---	14	20	---	41	---	---
91-07-08	1000	---	0	12	37	---	---	---
91-07-08	1005	---	14	20	---	140	---	---
91-08-06	1115	---	0	10	61	---	---	---
91-08-06	1120	---	16	19	---	150	---	---
91-08-27	1030	---	0	10	43	---	---	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	78	---	---	---
91-11-06	1220	---	9	18	---	110	---	---
92-02-05	1055	---	0	9	91	---	---	---
92-03-24	1045	---	0	15	96	---	---	---
92-06-01	1305	---	0	9	47	---	---	---
92-06-01	1310	---	11	20	---	73	---	---
92-07-08	1215	---	0	12	46	---	---	---
92-07-08	1220	---	17	20	---	61	---	---
92-07-28	1150	---	0	9	34	---	---	---
92-07-28	1200	---	16	19	---	130	---	---
92-08-31	1210	---	0	12	25	---	---	---
92-10-19	1200	---	0	16	8	---	---	---
				Maximum	210	180	1	5
				75 percentile	96	140	---	---
				50 percentile	61	95	---	---
				25 percentile	37	63	---	---
				Minimum	8	17	1	1
				Number of samples	19	14	3	3

Table 61.--Trace metal concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Manganese, total (ug/L as Mn) (01055) Surface water	Manganese, total (ug/L as Mn) (01055) Bottom water	Manganese, dissolved (ug/L as Mn) (01056) Surface water	Manganese, dissolved (ug/L as Mn) (01056) Bottom water
89-05-25	1024	4	---	---	190	---	---	---
89-05-25	1028	16	---	---	---	280	---	---
89-08-30	0904	3	---	---	---	---	---	---
89-08-30	0908	14	---	---	---	---	---	---
90-01-31	0904	3	---	---	40	---	---	---
90-01-31	0908	14	---	---	---	40	---	---
90-04-04	1014	4	---	---	---	---	---	---
90-04-04	1018	16	---	---	---	---	---	---
90-08-30	0949	4	---	---	120	---	---	---
90-08-30	0958	15	---	---	---	160	---	---
91-02-06	1335	---	3	9	20	---	17	---
91-02-06	1340	---	16	22	---	30	---	19
91-04-24	1025	---	1	7	80	---	68	---
91-04-24	1030	---	11	16	---	90	---	82
91-06-05	1000	---	1	13	30	---	48	---
91-06-05	1005	---	14	20	---	190	---	120
91-07-08	1000	---	0	12	20	---	34	---
91-07-08	1005	---	14	20	---	190	---	170
91-08-06	1115	---	0	10	50	---	35	---
91-08-06	1120	---	16	19	---	320	---	270
91-08-27	1030	---	0	10	50	---	17	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	30	---	5	---
91-11-06	1220	---	9	18	---	40	---	8
92-02-05	1055	---	0	9	20	---	8	---
92-03-24	1045	---	0	15	<10	---	17	---
92-06-01	1305	---	0	9	40	---	2	---
92-06-01	1310	---	11	20	---	60	---	6
92-07-08	1215	---	0	12	70	---	3	---
92-07-08	1220	---	17	20	---	270	---	140
92-07-28	1150	---	0	9	50	---	4	---
92-07-28	1200	---	16	19	---	140	---	34
92-08-31	1210	---	0	12	60	---	<1	---
92-10-19	1200	---	0	16	70	---	3	---
				Maximum	190	320	68	270
				75 percentile	70	190	34	140
				50 percentile	50	140	8	82
				25 percentile	30	40	3	19
				Minimum	<10	30	<1	6
				Number of samples	17	12	14	9

Table 61.--Trace metal concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Silver, total (ug/L as Ag) (01077) Surface water	Silver, total (ug/L as Ag) (01077) Bottom water	Selenium, total (ug/L as Se) (01147) Surface water	Selenium, total (ug/L as Se) (01147) Bottom water
89-05-25	1024	4	---	---	<1	---	<1	---
89-05-25	1028	16	---	---	---	<1	---	<1
89-08-30	0904	3	---	---	---	---	---	---
89-08-30	0908	14	---	---	---	---	---	---
90-01-31	0904	3	---	---	<1	---	<1	---
90-01-31	0908	14	---	---	---	<1	---	<1
90-04-04	1014	4	---	---	---	---	---	---
90-04-04	1018	16	---	---	---	---	---	---
90-08-30	0949	4	---	---	<1	---	<1	---
90-08-30	0958	15	---	---	---	<1	---	<1
91-02-06	1335	---	3	9	---	---	---	---
91-02-06	1340	---	16	22	---	---	---	---
91-04-24	1025	---	1	7	---	---	---	---
91-04-24	1030	---	11	16	---	---	---	---
91-06-05	1000	---	1	13	---	---	---	---
91-06-05	1005	---	14	20	---	---	---	---
91-07-08	1000	---	0	12	---	---	---	---
91-07-08	1005	---	14	20	---	---	---	---
91-08-06	1115	---	0	10	---	---	---	---
91-08-06	1120	---	16	19	---	---	---	---
91-08-27	1030	---	0	10	---	---	---	---
91-08-27	1035	---	12	18	---	---	---	---
91-11-06	1210	---	0	9	---	---	---	---
91-11-06	1220	---	9	18	---	---	---	---
92-02-05	1055	---	0	9	---	---	---	---
92-03-24	1045	---	0	15	---	---	---	---
92-06-01	1305	---	0	9	---	---	---	---
92-06-01	1310	---	11	20	---	---	---	---
92-07-08	1215	---	0	12	---	---	---	---
92-07-08	1220	---	17	20	---	---	---	---
92-07-28	1150	---	0	9	---	---	---	---
92-07-28	1200	---	16	19	---	---	---	---
92-08-31	1210	---	0	12	---	---	---	---
92-10-19	1200	---	0	16	---	---	---	---
				Maximum	<1	<1	<1	<1
				75 percentile	---	---	---	---
				50 percentile	---	---	---	---
				25 percentile	---	---	---	---
				Minimum	<1	<1	<1	<1
				Number of samples	3	3	3	3

Table 63.--Trace metal concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Arsenic, total (ug/L as As) (01002) Surface water	Arsenic, total (ug/L as As) (01002) Bottom water	Barium, total (ug/L as Ba) (01007) Surface water	Barium, total (ug/L as Ba) (01007) Bottom water
89-05-25	1239	4	---	---	<1	---	<100	---
89-05-25	1247	16	---	---	---	<1	---	<100
89-08-30	1134	4	---	---	---	---	---	---
89-08-30	1138	16	---	---	---	---	---	---
90-01-31	1304	3	---	---	<1	---	100	---
90-01-31	1308	14	---	---	---	<1	---	100
90-04-04	1104	4	---	---	---	---	---	---
90-04-04	1108	16	---	---	---	---	---	---
90-07-03	1704	4	---	---	---	---	---	---
90-07-03	1712	14	---	---	---	---	---	---
90-07-05	1155	4	---	---	---	---	---	---
90-07-05	1202	14	---	---	---	---	---	---
90-07-10	1112	4	---	---	---	---	---	---
90-07-10	1122	14	---	---	---	---	---	---
90-08-30	1205	4	---	---	<1	---	<100	---
90-08-30	1210	14	---	---	---	<1	---	<100
91-07-29	1930	---	0	10	---	---	---	---
91-07-29	1945	---	16	19	---	---	---	---
91-07-30	1200	---	0	10	---	---	---	---
91-07-30	1215	---	16	19	---	---	---	---
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	---	---	---
91-08-01	0915	---	0	10	---	---	---	---
91-08-01	0930	---	16	19	---	---	---	---
91-08-07	1040	---	0	10	---	---	---	---
91-08-07	1045	---	16	19	---	---	---	---
92-07-13	1110	---	0	15	---	---	---	---
92-07-13	1120	---	18	21	---	---	---	---
92-07-13	1510	---	0	15	---	---	---	---
92-07-13	1520	---	17	20	---	---	---	---
92-07-14	1120	---	1	15	---	---	---	---
92-07-14	1130	---	18	21	---	---	---	---
92-07-15	1100	---	0	15	---	---	---	---
92-07-15	1120	---	17	21	---	---	---	---
92-07-21	1245	---	0	15	---	---	---	---
92-07-21	1255	---	18	21	---	---	---	---
				Maximum	<1	<1	100	100
				75 percentile	---	---	---	---
				50 percentile	---	---	---	---
				25 percentile	---	---	---	---
				Minimum	<1	<1	<100	<100
				Number of samples	3	3	3	3

Table 63.--Trace metal concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Boron, total (ug/L as Bo) (01020) Surface water	Boron, total (ug/L as Bo) (01020) Bottom water	Cadmium, total (ug/L as Cd) (01027) Surface water	Cadmium, total (ug/L as Cd) (01027) Bottom water
89-05-25	1239	4	---	---	10	---	<1	---
89-05-25	1247	16	---	---	---	<10	---	<1
89-08-30	1134	4	---	---	20	---	---	---
89-08-30	1138	16	---	---	---	20	---	---
90-01-31	1304	3	---	---	<10	---	<1	---
90-01-31	1308	14	---	---	---	<10	---	<1
90-04-04	1104	4	---	---	<10	---	---	---
90-04-04	1108	16	---	---	---	10	---	---
90-07-03	1704	4	---	---	<10	---	---	---
90-07-03	1712	14	---	---	---	10	---	---
90-07-05	1155	4	---	---	<10	---	---	---
90-07-05	1202	14	---	---	---	<10	---	---
90-07-10	1112	4	---	---	<10	---	---	---
90-07-10	1122	14	---	---	---	10	---	---
90-08-30	1205	4	---	---	<10	---	1	---
90-08-30	1210	14	---	---	---	<10	---	<1
91-07-29	1930	---	0	10	---	---	---	---
91-07-29	1945	---	16	19	---	---	---	---
91-07-30	1200	---	0	10	---	---	---	---
91-07-30	1215	---	16	19	---	---	---	---
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	---	---	---
91-08-01	0915	---	0	10	---	---	---	---
91-08-01	0930	---	16	19	---	---	---	---
91-08-07	1040	---	0	10	---	---	---	---
91-08-07	1045	---	16	19	---	---	---	---
92-07-13	1110	---	0	15	---	---	---	---
92-07-13	1120	---	18	21	---	---	---	---
92-07-13	1510	---	0	15	---	---	---	---
92-07-13	1520	---	17	20	---	---	---	---
92-07-14	1120	---	1	15	---	---	---	---
92-07-14	1130	---	18	21	---	---	---	---
92-07-15	1100	---	0	15	---	---	---	---
92-07-15	1120	---	17	21	---	---	---	---
92-07-21	1245	---	0	15	---	---	---	---
92-07-21	1255	---	18	21	---	---	---	---
				Maximum	20	20	1	<1
				75 percentile	10	10	---	---
				50 percentile	10	10	---	---
				25 percentile	10	10	---	---
				Minimum	10	10	<1	<1
				Number of samples	8	8	3	3

Table 63.--Trace metal concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Chromium, total (ug/L as Cr) (01034) Surface water	Chromium, total (ug/L as Cr) (01034) Bottom water	Iron, total (ug/L as Fe) (01045) Surface water	Iron, total (ug/L as Fe) (01045) Bottom water
89-05-25	1239	4	---	---	1	---	260	---
89-05-25	1247	16	---	---	---	1	---	260
89-08-30	1134	4	---	---	---	---	---	---
89-08-30	1138	16	---	---	---	---	---	---
90-01-31	1304	3	---	---	<1	---	120	---
90-01-31	1308	14	---	---	---	<1	---	120
90-04-04	1104	4	---	---	---	---	---	---
90-04-04	1108	16	---	---	---	---	---	---
90-07-03	1704	4	---	---	---	---	---	---
90-07-03	1712	14	---	---	---	---	---	---
90-07-05	1155	4	---	---	---	---	---	---
90-07-05	1202	14	---	---	---	---	---	---
90-07-10	1112	4	---	---	---	---	---	---
90-07-10	1122	14	---	---	---	---	---	---
90-08-30	1205	4	---	---	6	---	70	---
90-08-30	1210	14	---	---	---	<1	---	130
91-07-29	1930	---	0	10	---	---	70	---
91-07-29	1945	---	16	19	---	---	---	170
91-07-30	1200	---	0	10	---	---	130	---
91-07-30	1215	---	16	19	---	---	---	1300
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	---	---	390
91-08-01	0915	---	0	10	---	---	630	---
91-08-01	0930	---	16	19	---	---	---	440
91-08-07	1040	---	0	10	---	---	---	---
91-08-07	1045	---	16	19	---	---	---	---
92-07-13	1110	---	0	15	---	---	120	---
92-07-13	1120	---	18	21	---	---	---	230
92-07-13	1510	---	0	15	---	---	130	---
92-07-13	1520	---	17	20	---	---	---	1100
92-07-14	1120	---	1	15	---	---	80	---
92-07-14	1130	---	18	21	---	---	---	320
92-07-15	1100	---	0	15	---	---	350	---
92-07-15	1120	---	17	21	---	---	---	400
92-07-21	1245	---	0	15	---	---	70	---
92-07-21	1255	---	18	21	---	---	---	240
				Maximum	6	1	630	1300
				75 percentile	---	---	260	400
				50 percentile	---	---	120	260
				25 percentile	---	---	70	170
				Minimum	<1	<1	70	120
				Number of samples	3	3	11	12

Table 63.--Trace metal concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Iron, dissolved (ug/L as Fe) (01046) Surface water	Iron, dissolved (ug/L as Fe) (01046) Bottom water	Lead, total (ug/L as Pb) (01051) Surface water	Lead, total (ug/L as Pb) (01051) Bottom water
89-05-25	1239	4	---	---	28	---	3	---
89-05-25	1247	16	---	---	---	27	---	1
89-08-30	1134	4	---	---	31	---	---	---
89-08-30	1138	16	---	---	---	31	---	---
90-01-31	1304	3	---	---	35	---	1	---
90-01-31	1308	14	---	---	---	23	---	<1
90-04-04	1104	4	---	---	120	---	---	---
90-04-04	1108	16	---	---	---	120	---	---
90-07-03	1704	4	---	---	24	---	---	---
90-07-03	1712	14	---	---	---	45	---	---
90-07-05	1155	4	---	---	18	---	---	---
90-07-05	1202	14	---	---	---	51	---	---
90-07-10	1112	4	---	---	37	---	---	---
90-07-10	1122	14	---	---	---	43	---	---
90-08-30	1205	4	---	---	9	---	1	---
90-08-30	1210	14	---	---	---	26	---	<1
91-07-29	1930	---	0	10	27	---	---	---
91-07-29	1945	---	16	19	---	43	---	---
91-07-30	1200	---	0	10	140	---	---	---
91-07-30	1215	---	16	19	---	840	---	---
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	66	---	---
91-08-01	0915	---	0	10	160	---	---	---
91-08-01	0930	---	16	19	---	110	---	---
91-08-07	1040	---	0	10	130	---	---	---
91-08-07	1045	---	16	19	---	78	---	---
92-07-13	1110	---	0	15	14	---	---	---
92-07-13	1120	---	18	21	---	18	---	---
92-07-13	1510	---	0	15	27	---	---	---
92-07-13	1520	---	17	20	---	410	---	---
92-07-14	1120	---	1	15	21	---	---	---
92-07-14	1130	---	18	21	---	130	---	---
92-07-15	1100	---	0	15	130	---	---	---
92-07-15	1120	---	17	21	---	120	---	---
92-07-21	1245	---	0	15	17	---	---	---
92-07-21	1255	---	18	21	---	36	---	---
				Maximum	160	840	3	1
				75 percentile	120	120	---	---
				50 percentile	28	45	---	---
				25 percentile	21	31	---	---
				Minimum	9	18	1	<1
				Number of samples	17	18	3	3

Table 63.--Trace metal concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Manganese, total (ug/L as Mn) (01055) Surface water	Manganese, total (ug/L as Mn) (01055) Bottom water	Manganese, dissolved (ug/L as Mn) (01056) Surface water	Manganese, dissolved (ug/L as Mn) (01056) Bottom water
89-05-25	1239	4	---	---	60	---	---	---
89-05-25	1247	16	---	---	---	140	---	---
89-08-30	1134	4	---	---	---	---	---	---
89-08-30	1138	16	---	---	---	---	---	---
90-01-31	1304	3	---	---	20	---	---	---
90-01-31	1308	14	---	---	---	20	---	---
90-04-04	1104	4	---	---	---	---	---	---
90-04-04	1108	16	---	---	---	---	---	---
90-07-03	1704	4	---	---	---	---	---	---
90-07-03	1712	14	---	---	---	---	---	---
90-07-05	1155	4	---	---	---	---	---	---
90-07-05	1202	14	---	---	---	---	---	---
90-07-10	1112	4	---	---	---	---	---	---
90-07-10	1122	14	---	---	---	---	---	---
90-08-30	1205	4	---	---	40	---	---	---
90-08-30	1210	14	---	---	---	50	---	---
91-07-29	1930	---	0	10	40	---	<1	---
91-07-29	1945	---	16	19	---	60	---	9
91-07-30	1200	---	0	10	40	---	100	---
91-07-30	1215	---	16	19	---	260	---	330
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	140	---	110
91-08-01	0915	---	0	10	150	---	150	---
91-08-01	0930	---	16	19	---	150	---	100
91-08-07	1040	---	0	10	30	---	150	---
91-08-07	1045	---	16	19	---	70	---	80
92-07-13	1110	---	0	15	60	---	3	---
92-07-13	1120	---	18	21	---	140	---	54
92-07-13	1510	---	0	15	60	---	19	---
92-07-13	1520	---	17	20	---	270	---	230
92-07-14	1120	---	1	15	60	---	32	---
92-07-14	1130	---	18	21	---	140	---	130
92-07-15	1100	---	0	15	80	---	25	---
92-07-15	1120	---	17	21	---	200	---	110
92-07-21	1245	---	0	15	50	---	4	---
92-07-21	1255	---	18	21	---	120	---	30
				Maximum	150	270	150	330
				75 percentile	60	150	32	130
				50 percentile	50	140	19	100
				25 percentile	40	70	3	54
				Minimum	20	20	<1	9
				Number of samples	12	13	9	10

Table 63.--Trace metal concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Silver, total (ug/L as Ag) (01077) Surface water	Silver, total (ug/L as Ag) (01077) Bottom water	Selenium, total (ug/L as Se) (01147) Surface water	Selenium, total (ug/L as Se) (01147) Bottom water
89-05-25	1239	4	---	---	<1	---	<1	---
89-05-25	1247	16	---	---	---	<1	---	<1
89-08-30	1134	4	---	---	---	---	---	---
89-08-30	1138	16	---	---	---	---	---	---
90-01-31	1304	3	---	---	<1	---	<1	---
90-01-31	1308	14	---	---	---	<1	---	<1
90-04-04	1104	4	---	---	---	---	---	---
90-04-04	1108	16	---	---	---	---	---	---
90-07-03	1704	4	---	---	---	---	---	---
90-07-03	1712	14	---	---	---	---	---	---
90-07-05	1155	4	---	---	---	---	---	---
90-07-05	1202	14	---	---	---	---	---	---
90-07-10	1112	4	---	---	---	---	---	---
90-07-10	1122	14	---	---	---	---	---	---
90-08-30	1205	4	---	---	<1	---	<1	---
90-08-30	1210	14	---	---	---	<1	---	<1
91-07-29	1930	---	0	10	---	---	---	---
91-07-29	1945	---	16	19	---	---	---	---
91-07-30	1200	---	0	10	---	---	---	---
91-07-30	1215	---	16	19	---	---	---	---
91-07-31	1310	---	0	10	---	---	---	---
91-07-31	1320	---	16	19	---	---	---	---
91-08-01	0915	---	0	10	---	---	---	---
91-08-01	0930	---	16	19	---	---	---	---
91-08-07	1040	---	0	10	---	---	---	---
91-08-07	1045	---	16	19	---	---	---	---
92-07-13	1110	---	0	15	---	---	---	---
92-07-13	1120	---	18	21	---	---	---	---
92-07-13	1510	---	0	15	---	---	---	---
92-07-13	1520	---	17	20	---	---	---	---
92-07-14	1120	---	1	15	---	---	---	---
92-07-14	1130	---	18	21	---	---	---	---
92-07-15	1100	---	0	15	---	---	---	---
92-07-15	1120	---	17	21	---	---	---	---
92-07-21	1245	---	0	15	---	---	---	---
92-07-21	1255	---	18	21	---	---	---	---
				Maximum	<1	<1	<1	<1
				75 percentile	---	---	---	---
				50 percentile	---	---	---	---
				25 percentile	---	---	---	---
				Minimum	<1	<1	<1	<1
				Number of samples	3	3	3	3

Table 63.--Trace metal concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Mercury, total (ug/L as Hg) (71900) Surface water	Mercury, total (ug/L as Hg) (71900) Bottom water
89-05-25	1239	4	---	---	<0.1	---
89-05-25	1247	16	---	---	---	<0.1
89-08-30	1134	4	---	---	---	---
89-08-30	1138	16	---	---	---	---
90-01-31	1304	3	---	---	<.1	---
90-01-31	1308	14	---	---	---	<.1
90-04-04	1104	4	---	---	---	---
90-04-04	1108	16	---	---	---	---
90-07-03	1704	4	---	---	---	---
90-07-03	1712	14	---	---	---	---
90-07-05	1155	4	---	---	---	---
90-07-05	1202	14	---	---	---	---
90-07-10	1112	4	---	---	---	---
90-07-10	1122	14	---	---	---	---
90-08-30	1205	4	---	---	<.1	---
90-08-30	1210	14	---	---	---	<.1
91-07-29	1930	---	0	10	---	---
91-07-29	1945	---	16	19	---	---
91-07-30	1200	---	0	10	---	---
91-07-30	1215	---	16	19	---	---
91-07-31	1310	---	0	10	---	---
91-07-31	1320	---	16	19	---	---
91-08-01	0915	---	0	10	---	---
91-08-01	0930	---	16	19	---	---
91-08-07	1040	---	0	10	---	---
91-08-07	1045	---	16	19	---	---
92-07-13	1110	---	0	15	---	---
92-07-13	1120	---	18	21	---	---
92-07-13	1510	---	0	15	---	---
92-07-13	1520	---	17	20	---	---
92-07-14	1120	---	1	15	---	---
92-07-14	1130	---	18	21	---	---
92-07-15	1100	---	0	15	---	---
92-07-15	1120	---	17	21	---	---
92-07-21	1245	---	0	15	---	---
92-07-21	1255	---	18	21	---	---
			Maximum		<.1	<.1
			75 percentile		---	---
			50 percentile		---	---
			25 percentile		---	---
			Minimum		<.1	<.1
			Number of samples		3	3

Table 64.--Trace metal concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Arsenic, total (ug/L as As) (01002) Surface water	Arsenic, total (ug/L as As) (01002) Bottom water	Barium, total (ug/L as Ba) (01007) Surface water	Barium, total (ug/L as Ba) (01007) Bottom water
89-05-26	1053	10	---	---	<1	---	<100	---
89-05-26	1115	40	---	---	---	<1	---	<100
89-08-30	0946	10	---	---	---	---	---	---
89-08-30	1008	40	---	---	---	---	---	---
90-01-31	1004	9	---	---	<1	---	100	---
90-01-31	1012	36	---	---	---	<1	---	<100
90-04-04	1234	9	---	---	---	---	---	---
90-04-04	1242	36	---	---	---	---	---	---
90-08-31	1019	9	---	---	<1	---	<100	---
90-08-31	1037	36	---	---	---	10	---	<100
91-02-08	1012	---	6	18	---	---	---	---
91-02-08	1015	---	28	48	---	---	---	---
91-04-25	1035	---	6	18	---	---	---	---
91-04-25	1040	---	30	42	---	---	---	---
91-06-05	1255	---	0	14	---	---	---	---
91-06-05	1300	---	17	35	---	---	---	---
91-07-09	1045	---	0	16	---	---	---	---
91-07-09	1050	---	15	36	---	---	---	---
91-08-07	1200	---	0	18	---	---	---	---
91-08-07	1205	---	24	42	---	---	---	---
91-08-28	0950	---	0	21	---	---	---	---
91-08-28	0955	---	25	40	---	---	---	---
91-11-07	0945	---	0	18	---	---	---	---
91-11-07	0955	---	29	47	---	---	---	---
92-02-05	1335	---	0	15	---	---	---	---
92-02-05	1340	---	27	42	---	---	---	---
92-03-25	0940	---	0	18	---	---	---	---
92-03-25	0945	---	28	49	---	---	---	---
92-06-02	1110	---	0	20	---	---	---	---
92-06-02	1120	---	29	41	---	---	---	---
92-07-09	1050	---	0	18	---	---	---	---
92-07-09	1055	---	25	43	---	---	---	---
92-07-29	1150	---	0	21	---	---	---	---
92-07-29	1200	---	23	44	---	---	---	---
92-09-01	1050	---	0	21	---	---	---	---
92-09-01	1100	---	25	43	---	---	---	---
92-10-20	1135	---	0	15	---	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	<1	10	100	<100
				75 percentile	---	---	---	---
				50 percentile	---	---	---	---
				25 percentile	---	---	---	---
				Minimum	<1	<1	<100	<100
				Number of samples	3	3	3	3

Table 64.--Trace metal concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Boron, total (ug/L as Bo) (01020) Surface water	Boron, total (ug/L as Bo) (01020) Bottom water	Cadmium, total (ug/L as Cd) (01027) Surface water	Cadmium, total (ug/L as Cd) (01027) Bottom water
89-05-26	1053	10	---	---	10	---	<1	---
89-05-26	1115	40	---	---	---	<10	---	<1
89-08-30	0946	10	---	---	20	---	---	---
89-08-30	1008	40	---	---	---	4,800	---	---
90-01-31	1004	9	---	---	20	---	<1	---
90-01-31	1012	36	---	---	---	<10	---	<1
90-04-04	1234	9	---	---	<10	---	---	---
90-04-04	1242	36	---	---	---	<10	---	---
90-08-31	1019	9	---	---	<10	---	<1	---
90-08-31	1037	36	---	---	---	<10	---	<1
91-02-08	1012	---	6	18	---	---	---	---
91-02-08	1015	---	28	48	---	---	---	---
91-04-25	1035	---	6	18	---	---	---	---
91-04-25	1040	---	30	42	---	---	---	---
91-06-05	1255	---	0	14	---	---	---	---
91-06-05	1300	---	17	35	---	---	---	---
91-07-09	1045	---	0	16	---	---	---	---
91-07-09	1050	---	15	36	---	---	---	---
91-08-07	1200	---	0	18	---	---	---	---
91-08-07	1205	---	24	42	---	---	---	---
91-08-28	0950	---	0	21	---	---	---	---
91-08-28	0955	---	25	40	---	---	---	---
91-11-07	0945	---	0	18	---	---	---	---
91-11-07	0955	---	29	47	---	---	---	---
92-02-05	1335	---	0	15	---	---	---	---
92-02-05	1340	---	27	42	---	---	---	---
92-03-25	0940	---	0	18	---	---	---	---
92-03-25	0945	---	28	49	---	---	---	---
92-06-02	1110	---	0	20	---	---	---	---
92-06-02	1120	---	29	41	---	---	---	---
92-07-09	1050	---	0	18	---	---	---	---
92-07-09	1055	---	25	43	---	---	---	---
92-07-29	1150	---	0	21	---	---	---	---
92-07-29	1200	---	23	44	---	---	---	---
92-09-01	1050	---	0	21	---	---	---	---
92-09-01	1100	---	25	43	---	---	---	---
92-10-20	1135	---	0	15	---	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
			Maximum		20	4,800	<1	<1
			75 percentile		20	<10	---	---
			50 percentile		10	<10	---	---
			25 percentile		<10	<10	---	---
			Minimum		<10	<10	<1	<1
			Number of samples		5	5	3	3

Table 64.--Trace metal concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Chromium, total (ug/L as Cr) (01034) Surface water	Chromium, total (ug/L as Cr) (01034) Bottom water	Iron, total (ug/L as Fe) (01045) Surface water	Iron, total (ug/L as Fe) (01045) Bottom water
89-05-26	1053	10	---	---	<1	---	150	---
89-05-26	1115	40	---	---	---	<1	---	330
89-08-30	0946	10	---	---	---	---	---	---
89-08-30	1008	40	---	---	---	---	---	---
90-01-31	1004	9	---	---	<1	---	60	---
90-01-31	1012	36	---	---	---	<1	---	100
90-04-04	1234	9	---	---	---	---	---	---
90-04-04	1242	36	---	---	---	---	---	---
90-08-31	1019	9	---	---	1	---	60	---
90-08-31	1037	36	---	---	---	<1	---	8,400
91-02-08	1012	---	6	18	---	---	150	---
91-02-08	1015	---	28	48	---	---	---	180
91-04-25	1035	---	6	18	---	---	250	---
91-04-25	1040	---	30	42	---	---	---	330
91-06-05	1255	---	0	14	---	---	90	---
91-06-05	1300	---	17	35	---	---	---	240
91-07-09	1045	---	0	16	---	---	70	---
91-07-09	1050	---	15	36	---	---	---	170
91-08-07	1200	---	0	18	---	---	---	---
91-08-07	1205	---	24	42	---	---	---	---
91-08-28	0950	---	0	21	---	---	40	---
91-08-28	0955	---	25	40	---	---	---	2,600
91-11-07	0945	---	0	18	---	---	190	---
91-11-07	0955	---	29	47	---	---	---	170
92-02-05	1335	---	0	15	---	---	280	---
92-02-05	1340	---	27	42	---	---	---	270
92-03-25	0940	---	0	18	---	---	300	---
92-03-25	0945	---	28	49	---	---	---	350
92-06-02	1110	---	0	20	---	---	100	---
92-06-02	1120	---	29	41	---	---	---	270
92-07-09	1050	---	0	18	---	---	60	---
92-07-09	1055	---	25	43	---	---	---	1,000
92-07-29	1150	---	0	21	---	---	60	---
92-07-29	1200	---	23	44	---	---	---	1,900
92-09-01	1050	---	0	21	---	---	130	---
92-09-01	1100	---	25	43	---	---	---	3,000
92-10-20	1135	---	0	15	---	---	160	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	1	<1	300	8,400
				75 percentile	---	---	160	1,900
				50 percentile	---	---	100	330
				25 percentile	---	---	60	180
				Minimum	<1	<1	40	100
				Number of samples	3	3	16	15

Table 64.--Trace metal concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Iron, dissolved (ug/L as Fe) (01046) Surface water	Iron, dissolved (ug/L as Fe) (01046) Bottom water	Lead, total (ug/L as Pb) (01051) Surface water	Lead, total (ug/L as Pb) (01051) Bottom water
89-05-26	1053	10	---	---	45	---	2	---
89-05-26	1115	40	---	---	---	60	---	2
89-08-30	0946	10	---	---	18	---	---	---
89-08-30	1008	40	---	---	---	2,800	---	---
90-01-31	1004	9	---	---	16	---	<1	---
90-01-31	1012	36	---	---	---	14	---	1
90-04-04	1234	9	---	---	85	---	---	---
90-04-04	1242	36	---	---	---	71	---	---
90-08-31	1019	9	---	---	49	---	1	---
90-08-31	1037	36	---	---	---	6,900	---	2
91-02-08	1012	---	6	18	68	---	---	---
91-02-08	1015	---	28	48	---	68	---	---
91-04-25	1035	---	6	18	95	---	---	---
91-04-25	1040	---	30	42	---	130	---	---
91-06-05	1255	---	0	14	28	---	---	---
91-06-05	1300	---	17	35	---	46	---	---
91-07-09	1045	---	0	16	17	---	---	---
91-07-09	1050	---	15	36	---	1,000	---	---
91-08-07	1200	---	0	18	29	---	---	---
91-08-07	1205	---	24	42	---	2,500	---	---
91-08-28	0950	---	0	21	26	---	---	---
91-08-28	0955	---	25	40	---	1,300	---	---
91-11-07	0945	---	0	18	52	---	---	---
91-11-07	0955	---	29	47	---	53	---	---
92-02-05	1335	---	0	15	92	---	---	---
92-02-05	1340	---	27	42	---	95	---	---
92-03-25	0940	---	0	18	95	---	---	---
92-03-25	0945	---	28	49	---	89	---	---
92-06-02	1110	---	0	20	18	---	---	---
92-06-02	1120	---	29	41	---	39	---	---
92-07-09	1050	---	0	18	11	---	---	---
92-07-09	1055	---	25	43	---	220	---	---
92-07-29	1150	---	0	21	27	---	---	---
92-07-29	1200	---	23	44	---	1,500	---	---
92-09-01	1050	---	0	21	18	---	---	---
92-09-01	1100	---	25	43	---	2,600	---	---
92-10-20	1135	---	0	15	18	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	95	6,900	2	2
				75 percentile	68	1,500	---	---
				50 percentile	28	95	---	---
				25 percentile	18	60	---	---
				Minimum	11	14	<1	1
				Number of samples	19	18	3	3

Table 64.--Trace metal concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Manganese, total (ug/L as Mn) (01055) Surface water	Manganese, total (ug/L as Mn) (01055) Bottom water	Manganese, dissolved (ug/L as Mn) (01056) Surface water	Manganese, dissolved (ug/L as Mn) (01056) Bottom water
89-05-26	1053	10	---	---	40	---	---	---
89-05-26	1115	40	---	---	---	690	---	---
89-08-30	0946	10	---	---	---	---	---	---
89-08-30	1008	40	---	---	---	---	---	---
90-01-31	1004	9	---	---	20	---	---	---
90-01-31	1012	36	---	---	---	30	---	---
90-04-04	1234	9	---	---	---	---	---	---
90-04-04	1242	36	---	---	---	---	---	---
90-08-31	1019	9	---	---	40	---	---	---
90-08-31	1037	36	---	---	---	4,200	---	---
91-02-08	1012	---	6	18	20	---	13	---
91-02-08	1015	---	28	48	---	20	---	14
91-04-25	1035	---	6	18	30	---	15	---
91-04-25	1040	---	30	42	---	70	---	57
91-06-05	1255	---	0	14	10	---	56	---
91-06-05	1300	---	17	35	---	300	---	260
91-07-09	1045	---	0	16	<10	---	25	---
91-07-09	1050	---	15	36	---	1,300	---	1,200
91-08-07	1200	---	0	18	20	---	32	---
91-08-07	1205	---	24	42	---	2,100	---	2,000
91-08-28	0950	---	0	21	30	---	8	---
91-08-28	0955	---	25	40	---	1,400	---	1,400
91-11-07	0945	---	0	18	70	---	6	---
91-11-07	0955	---	29	47	---	70	---	5
92-02-05	1335	---	0	15	40	---	5	---
92-02-05	1340	---	27	42	---	20	---	5
92-03-25	0940	---	0	18	<10	---	14	---
92-03-25	0945	---	28	49	---	<10	---	16
92-06-02	1110	---	0	20	60	---	<1	---
92-06-02	1120	---	29	41	---	500	---	380
92-07-09	1050	---	0	18	30	---	2	---
92-07-09	1055	---	25	43	---	940	---	920
92-07-29	1150	---	0	21	30	---	18	---
92-07-29	1200	---	23	44	---	1,200	---	1,100
92-09-01	1050	---	0	21	30	---	20	---
92-09-01	1100	---	25	43	---	1,500	---	1,500
92-10-20	1135	---	0	15	110	---	1	---
92-10-20	1145	---	25	40	---	---	---	---
				Maximum	110	4,200	56	2,000
				75 percentile	40	1,300	20	1,200
				50 percentile	30	500	13	380
				25 percentile	20	30	5	16
				Minimum	<10	<10	<1	5
				Number of samples	17	16	14	13

Table 64.--Trace metal concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Silver, total (ug/L as Ag) (01077) Surface water	Silver, total (ug/L as Ag) (01077) Bottom water	Selenium, total (ug/L as Se) (01147) Surface water	Selenium, total (ug/L as Se) (01147) Bottom water
89-05-26	1053	10	---	---	<1	---	<1	---
89-05-26	1115	40	---	---	---	<1	---	<1
89-08-30	0946	10	---	---	---	---	---	---
89-08-30	1008	40	---	---	---	---	---	---
90-01-31	1004	9	---	---	<1	---	<1	---
90-01-31	1012	36	---	---	---	<1	---	<1
90-04-04	1234	9	---	---	---	---	---	---
90-04-04	1242	36	---	---	---	---	---	---
90-08-31	1019	9	---	---	<1	---	<1	---
90-08-31	1037	36	---	---	---	<1	---	<1
91-02-08	1012	---	6	18	---	---	---	---
91-02-08	1015	---	28	48	---	---	---	---
91-04-25	1035	---	6	18	---	---	---	---
91-04-25	1040	---	30	42	---	---	---	---
91-06-05	1255	---	0	14	---	---	---	---
91-06-05	1300	---	17	35	---	---	---	---
91-07-09	1045	---	0	16	---	---	---	---
91-07-09	1050	---	15	36	---	---	---	---
91-08-07	1200	---	0	18	---	---	---	---
91-08-07	1205	---	24	42	---	---	---	---
91-08-28	0950	---	0	21	---	---	---	---
91-08-28	0955	---	25	40	---	---	---	---
91-11-07	0945	---	0	18	---	---	---	---
91-11-07	0955	---	29	47	---	---	---	---
92-02-05	1335	---	0	15	---	---	---	---
92-02-05	1340	---	27	42	---	---	---	---
92-03-25	0940	---	0	18	---	---	---	---
92-03-25	0945	---	28	49	---	---	---	---
92-06-02	1110	---	0	20	---	---	---	---
92-06-02	1120	---	29	41	---	---	---	---
92-07-09	1050	---	0	18	---	---	---	---
92-07-09	1055	---	25	43	---	---	---	---
92-07-29	1150	---	0	21	---	---	---	---
92-07-29	1200	---	23	44	---	---	---	---
92-09-01	1050	---	0	21	---	---	---	---
92-09-01	1100	---	25	43	---	---	---	---
92-10-20	1135	---	0	15	---	---	---	---
92-10-20	1145	---	25	40	---	---	---	---
			Maximum		<1	<1	<1	<1
			75 percentile		---	---	---	---
			50 percentile		---	---	---	---
			25 percentile		---	---	---	---
			Minimum		<1	<1	<1	<1
			Number of samples		3	3	3	3

Table 64.--Trace metal concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Mercury, total (ug/L as Hg) (71900) Surface water	Mercury, total (ug/L as Hg) (71900) Bottom water
89-05-26	1053	10	---	---	<0.1	---
89-05-26	1115	40	---	---	---	<0.1
89-08-30	0946	10	---	---	---	---
89-08-30	1008	40	---	---	---	---
90-01-31	1004	9	---	---	< .1	---
90-01-31	1012	36	---	---	---	< .1
90-04-04	1234	9	---	---	---	---
90-04-04	1242	36	---	---	---	---
90-08-31	1019	9	---	---	< .1	---
90-08-31	1037	36	---	---	---	< .1
91-02-08	1012	---	6	18	---	---
91-02-08	1015	---	28	48	---	---
91-04-25	1035	---	6	18	---	---
91-04-25	1040	---	30	42	---	---
91-06-05	1255	---	0	14	---	---
91-06-05	1300	---	17	35	---	---
91-07-09	1045	---	0	16	---	---
91-07-09	1050	---	15	36	---	---
91-08-07	1200	---	0	18	---	---
91-08-07	1205	---	24	42	---	---
91-08-28	0950	---	0	21	---	---
91-08-28	0955	---	25	40	---	---
91-11-07	0945	---	0	18	---	---
91-11-07	0955	---	29	47	---	---
92-02-05	1335	---	0	15	---	---
92-02-05	1340	---	27	42	---	---
92-03-25	0940	---	0	18	---	---
92-03-25	0945	---	28	49	---	---
92-06-02	1110	---	0	20	---	---
92-06-02	1120	---	29	41	---	---
92-07-09	1050	---	0	18	---	---
92-07-09	1055	---	25	43	---	---
92-07-29	1150	---	0	21	---	---
92-07-29	1200	---	23	44	---	---
92-09-01	1050	---	0	21	---	---
92-09-01	1100	---	25	43	---	---
92-10-20	1135	---	0	15	---	---
92-10-20	1145	---	25	40	---	---
			Maximum		< .1	< .1
			75 percentile		---	---
			50 percentile		---	---
			25 percentile		---	---
			Minimum		< .1	< .1
			Number of samples		3	3

Table 65.--Trace metal concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Arsenic, total (ug/L as As) (01002) Surface water	Arsenic, total (ug/L as As) (01002) Bottom water	Barium, total (ug/L as Ba) (01007) Surface water	Barium, total (ug/L as Ba) (01007) Bottom water
89-05-26	1236	8	---	---	<1	---	<100	---
89-05-26	1252	30	---	---	---	<1	---	<100
89-08-30	1034	7	---	---	---	---	---	---
89-08-30	1052	30	---	---	---	---	---	---
90-01-31	1104	7	---	---	<1	---	<100	---
90-01-31	1110	28	---	---	---	<1	---	100
90-04-04	1334	8	---	---	---	---	---	---
90-04-04	1344	31	---	---	---	---	---	---
90-08-31	1304	7	---	---	<1	---	<100	---
90-08-31	1324	30	---	---	---	2	---	<100
91-02-08	1325	---	4	16	---	---	---	---
91-02-08	1330	---	24	36	---	---	---	---
91-04-23	1130	---	5	13	---	---	---	---
91-04-23	1135	---	22	30	---	---	---	---
91-06-07	1030	---	0	11	---	---	---	---
91-06-07	1035	---	19	40	---	---	---	---
91-07-10	1045	---	0	18	---	---	---	---
91-07-10	1050	---	24	42	---	---	---	---
91-08-08	1200	---	0	18	---	---	---	---
91-08-08	1205	---	27	45	---	---	---	---
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	42	---	---	---	---
91-11-07	1115	---	0	18	---	---	---	---
91-11-07	1125	---	24	48	---	---	---	---
92-02-06	1240	---	0	18	---	---	---	---
92-02-06	1245	---	30	45	---	---	---	---
92-03-23	1345	---	0	20	---	---	---	---
92-03-23	1355	---	27	45	---	---	---	---
92-06-02	1410	---	0	20	---	---	---	---
92-06-02	1420	---	30	45	---	---	---	---
92-07-10	1120	---	0	21	---	---	---	---
92-07-10	1130	---	24	45	---	---	---	---
92-07-30	1210	---	0	18	---	---	---	---
92-07-30	1220	---	24	45	---	---	---	---
92-09-03	1240	---	0	21	---	---	---	---
92-09-03	1250	---	27	45	---	---	---	---
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
			Maximum		<1	2	<100	100
			75 percentile		---	---	---	---
			50 percentile		---	---	---	---
			25 percentile		---	---	---	---
			Minimum		<1	<1	<100	<100
			Number of samples		3	3	3	3

Table 65.--Trace metal concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Boron, total (ug/L as Bo) (01020) Surface water	Boron, total (ug/L as Bo) (01020) Bottom water	Cadmium, total (ug/L as Cd) (01027) Surface water	Cadmium, total (ug/L as Cd) (01027) Bottom water
89-05-26	1236	8	---	---	<10	---	<1	---
89-05-26	1252	30	---	---	---	20	---	<1
89-08-30	1034	7	---	---	<10	---	---	---
89-08-30	1052	30	---	---	---	20	---	---
90-01-31	1104	7	---	---	<10	---	<1	---
90-01-31	1110	28	---	---	---	<10	---	<1
90-04-04	1334	8	---	---	<10	---	---	---
90-04-04	1344	31	---	---	---	<10	---	---
90-08-31	1304	7	---	---	<10	---	<1	---
90-08-31	1324	30	---	---	---	<10	---	<1
91-02-08	1325	---	4	16	---	---	---	---
91-02-08	1330	---	24	36	---	---	---	---
91-04-23	1130	---	5	13	---	---	---	---
91-04-23	1135	---	22	30	---	---	---	---
91-06-07	1030	---	0	11	---	---	---	---
91-06-07	1035	---	19	40	---	---	---	---
91-07-10	1045	---	0	18	---	---	---	---
91-07-10	1050	---	24	42	---	---	---	---
91-08-08	1200	---	0	18	---	---	---	---
91-08-08	1205	---	27	45	---	---	---	---
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	42	---	---	---	---
91-11-07	1115	---	0	18	---	---	---	---
91-11-07	1125	---	24	48	---	---	---	---
92-02-06	1240	---	0	18	---	---	---	---
92-02-06	1245	---	30	45	---	---	---	---
92-03-23	1345	---	0	20	---	---	---	---
92-03-23	1355	---	27	45	---	---	---	---
92-06-02	1410	---	0	20	---	---	---	---
92-06-02	1420	---	30	45	---	---	---	---
92-07-10	1120	---	0	21	---	---	---	---
92-07-10	1130	---	24	45	---	---	---	---
92-07-30	1210	---	0	18	---	---	---	---
92-07-30	1220	---	24	45	---	---	---	---
92-09-03	1240	---	0	21	---	---	---	---
92-09-03	1250	---	27	45	---	---	---	---
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
			Maximum		<10	20	<1	<1
			75 percentile		<10	20	---	---
			50 percentile		<10	<10	---	---
			25 percentile		<10	<10	---	---
			Minimum		<10	<10	<1	<1
			Number of samples		5	5	3	3

Table 65.--Trace metal concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Chromium, total (ug/L as Cr) (01034) Surface water	Chromium, total (ug/L as Cr) (01034) Bottom water	Iron, total (ug/L as Fe) (01045) Surface water	Iron, total (ug/L as Fe) (01045) Bottom water
89-05-26	1236	8	---	---	<1	---	100	---
89-05-26	1252	30	---	---	---	<1	---	180
89-08-30	1034	7	---	---	---	---	---	---
89-08-30	1052	30	---	---	---	---	---	---
90-01-31	1104	7	---	---	<1	---	80	---
90-01-31	1110	28	---	---	---	<1	---	70
90-04-04	1334	8	---	---	---	---	---	---
90-04-04	1344	31	---	---	---	---	---	---
90-08-31	1304	7	---	---	1	---	50	---
90-08-31	1324	30	---	---	---	<1	---	530
91-02-08	1325	---	4	16	---	---	160	---
91-02-08	1330	---	24	36	---	---	---	160
91-04-23	1130	---	5	13	---	---	230	---
91-04-23	1135	---	22	30	---	---	---	270
91-06-07	1030	---	0	11	---	---	110	---
91-06-07	1035	---	19	40	---	---	---	220
91-07-10	1045	---	0	18	---	---	40	---
91-07-10	1050	---	24	42	---	---	---	770
91-08-08	1200	---	0	18	---	---	---	---
91-08-08	1205	---	27	45	---	---	---	---
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	42	---	---	---	---
91-11-07	1115	---	0	18	---	---	160	---
91-11-07	1125	---	24	48	---	---	---	130
92-02-06	1240	---	0	18	---	---	190	---
92-02-06	1245	---	30	45	---	---	---	160
92-03-23	1345	---	0	20	---	---	230	---
92-03-23	1355	---	27	45	---	---	---	280
92-06-02	1410	---	0	20	---	---	70	---
92-06-02	1420	---	30	45	---	---	---	260
92-07-10	1120	---	0	21	---	---	60	---
92-07-10	1130	---	24	45	---	---	---	770
92-07-30	1210	---	0	18	---	---	30	---
92-07-30	1220	---	24	45	---	---	---	1,700
92-09-03	1240	---	0	21	---	---	80	---
92-09-03	1250	---	27	45	---	---	---	2,000
92-10-21	1120	---	0	21	---	---	110	---
92-10-21	1130	---	24	45	---	---	---	140
				Maximum	1	<1	230	2,000
				75 percentile	---	---	160	770
				50 percentile	---	---	100	260
				25 percentile	---	---	60	160
				Minimum	<1	<1	30	70
				Number of samples	3	3	15	15

Table 65.--Trace metal concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Iron, dissolved (ug/L as Fe) (01034) Surface water	Iron, dissolved (ug/L as Fe) (01034) Bottom water	Lead, total (ug/L as Pb) (01045) Surface water	Lead, total (ug/L as Pb) (01045) Bottom water
89-05-26	1236	8	---	---	25	---	5	---
89-05-26	1252	30	---	---	---	22	---	2
89-08-30	1034	7	---	---	78	---	---	---
89-08-30	1052	30	---	---	---	3,000	---	---
90-01-31	1104	7	---	---	10	---	1	---
90-01-31	1110	28	---	---	---	10	---	1
90-04-04	1334	8	---	---	47	---	---	---
90-04-04	1344	31	---	---	---	42	---	---
90-08-31	1304	7	---	---	350	---	2	---
90-08-31	1324	30	---	---	---	92	---	1
91-02-08	1325	---	4	16	47	---	---	---
91-02-08	1330	---	24	36	---	36	---	---
91-04-23	1130	---	5	13	100	---	---	---
91-04-23	1135	---	22	30	---	93	---	---
91-06-07	1030	---	0	11	28	---	---	---
91-06-07	1035	---	19	40	---	53	---	---
91-07-10	1045	---	0	18	50	---	---	---
91-07-10	1050	---	24	42	---	470	---	---
91-08-08	1200	---	0	18	<3	---	---	---
91-08-08	1205	---	27	45	---	2,200	---	---
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	42	---	---	---	---
91-11-07	1115	---	0	18	51	---	---	---
91-11-07	1125	---	24	48	---	39	---	---
92-02-06	1240	---	0	18	80	---	---	---
92-02-06	1245	---	30	45	---	68	---	---
92-03-23	1345	---	0	20	79	---	---	---
92-03-23	1355	---	27	45	---	90	---	---
92-06-02	1410	---	0	20	17	---	---	---
92-06-02	1420	---	30	45	---	27	---	---
92-07-10	1120	---	0	21	11	---	---	---
92-07-10	1130	---	24	45	---	320	---	---
92-07-30	1210	---	0	18	15	---	---	---
92-07-30	1220	---	24	45	---	1,300	---	---
92-09-03	1240	---	0	21	11	---	---	---
92-09-03	1250	---	27	45	---	1,400	---	---
92-10-21	1120	---	0	21	7	---	---	---
92-10-21	1130	---	24	45	---	4	---	---
				Maximum	350	3,000	5	2
				75 percentile	78	470	---	---
				50 percentile	28	68	---	---
				25 percentile	11	36	---	---
				Minimum	3	4	1	1
				Number of samples	18	18	3	3

Table 65.--Trace metal concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Manganese, total (ug/L as Mn) (01055) Surface water	Manganese, total (ug/L as Mn) (01055) Bottom water	Manganese, dissolved (ug/L as Mn) (01056) Surface water	Manganese, dissolved (ug/L as Mn) (01056) Bottom water
89-05-26	1236	8	---	---	30	---	---	---
89-05-26	1252	30	---	---	---	300	---	---
89-08-30	1034	7	---	---	---	---	---	---
89-08-30	1052	30	---	---	---	---	---	---
90-01-31	1104	7	---	---	30	---	---	---
90-01-31	1110	28	---	---	---	20	---	---
90-04-04	1334	8	---	---	---	---	---	---
90-04-04	1344	31	---	---	---	---	---	---
90-08-31	1304	7	---	---	40	---	---	---
90-08-31	1324	30	---	---	---	1,400	---	---
91-02-08	1325	---	4	16	20	---	15	---
91-02-08	1330	---	24	36	---	20	---	13
91-04-23	1130	---	5	13	20	---	10	---
91-04-23	1135	---	22	30	---	40	---	25
91-06-07	1030	---	0	11	20	---	13	---
91-06-07	1035	---	19	40	---	290	---	220
91-07-10	1045	---	0	18	<10	---	130	---
91-07-10	1050	---	24	42	---	1,100	---	1,100
91-08-08	1200	---	0	18	10	---	32	---
91-08-08	1205	---	27	45	---	2,100	---	2,100
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	42	---	---	---	---
91-11-07	1115	---	0	18	90	---	12	---
91-11-07	1125	---	24	48	---	100	---	10
92-02-06	1240	---	0	18	10	---	3	---
92-02-06	1245	---	30	45	---	20	---	3
92-03-23	1345	---	0	20	<10	---	7	---
92-03-23	1355	---	27	45	---	<10	---	10
92-06-02	1410	---	0	20	60	---	<1	---
92-06-02	1420	---	30	45	---	570	---	430
92-07-10	1120	---	0	21	50	---	42	---
92-07-10	1130	---	24	45	---	970	---	970
92-07-30	1210	---	0	18	20	---	27	---
92-07-30	1220	---	24	45	---	1,400	---	1,100
92-09-03	1240	---	0	21	20	---	1	---
92-09-03	1250	---	27	45	---	1,400	---	1,300
92-10-21	1120	---	0	21	140	---	<1	---
92-10-21	1130	---	24	45	---	160	---	<1
				Maximum	140	2,100	130	2,100
				75 percentile	50	1,100	27	1,100
				50 percentile	20	290	12	220
				25 percentile	10	20	3	10
				Minimum	<10	<10	<1	<1
				Number of samples	16	16	13	13

Table 65.--Trace metal concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Silver, total (ug/L as Ag) (01077) Surface water	Silver, total (ug/L as Ag) (01077) Bottom water	Selenium, total (ug/L as Se) (01147) Surface water	Selenium, total (ug/L as Se) (01147) Bottom water
89-05-26	1236	8	---	---	<1	---	<1	---
89-05-26	1252	30	---	---	---	<1	---	<1
89-08-30	1034	7	---	---	---	---	---	---
89-08-30	1052	30	---	---	---	---	---	---
90-01-31	1104	7	---	---	<1	---	<1	---
90-01-31	1110	28	---	---	---	<1	---	<1
90-04-04	1334	8	---	---	---	---	---	---
90-04-04	1344	31	---	---	---	---	---	---
90-08-31	1304	7	---	---	<1	---	<1	---
90-08-31	1324	30	---	---	---	<1	---	<1
91-02-08	1325	---	4	16	---	---	---	---
91-02-08	1330	---	24	36	---	---	---	---
91-04-23	1130	---	5	13	---	---	---	---
91-04-23	1135	---	22	30	---	---	---	---
91-06-07	1030	---	0	11	---	---	---	---
91-06-07	1035	---	19	40	---	---	---	---
91-07-10	1045	---	0	18	---	---	---	---
91-07-10	1050	---	24	42	---	---	---	---
91-08-08	1200	---	0	18	---	---	---	---
91-08-08	1205	---	27	45	---	---	---	---
91-08-28	1330	---	0	18	---	---	---	---
91-08-28	1335	---	24	42	---	---	---	---
91-11-07	1115	---	0	18	---	---	---	---
91-11-07	1125	---	24	48	---	---	---	---
92-02-06	1240	---	0	18	---	---	---	---
92-02-06	1245	---	30	45	---	---	---	---
92-03-23	1345	---	0	20	---	---	---	---
92-03-23	1355	---	27	45	---	---	---	---
92-06-02	1410	---	0	20	---	---	---	---
92-06-02	1420	---	30	45	---	---	---	---
92-07-10	1120	---	0	21	---	---	---	---
92-07-10	1130	---	24	45	---	---	---	---
92-07-30	1210	---	0	18	---	---	---	---
92-07-30	1220	---	24	45	---	---	---	---
92-09-03	1240	---	0	21	---	---	---	---
92-09-03	1250	---	27	45	---	---	---	---
92-10-21	1120	---	0	21	---	---	---	---
92-10-21	1130	---	24	45	---	---	---	---
				Maximum	<1	<1	<1	<1
				75 percentile	---	---	---	---
				50 percentile	---	---	---	---
				25 percentile	---	---	---	---
				Minimum	<1	<1	<1	<1
				Number of samples	3	3	3	3

Table 65.--Trace metal concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Mercury, total (ug/L as Hg) (71900) Surface water	Mercury, total (ug/L as Hg) (71900) Bottom water
89-05-26	1236	8	---	---	<0.1	---
89-05-26	1252	30	---	---	---	<0.1
89-08-30	1034	7	---	---	---	---
89-08-30	1052	30	---	---	---	---
90-01-31	1104	7	---	---	< .1	---
90-01-31	1110	28	---	---	---	< .1
90-04-04	1334	8	---	---	---	---
90-04-04	1344	31	---	---	---	---
90-08-31	1304	7	---	---	< .1	---
90-08-31	1324	30	---	---	---	< .1
91-02-08	1325	---	4	16	---	---
91-02-08	1330	---	24	36	---	---
91-04-23	1130	---	5	13	---	---
91-04-23	1135	---	22	30	---	---
91-06-07	1030	---	0	11	---	---
91-06-07	1035	---	19	40	---	---
91-07-10	1045	---	0	18	---	---
91-07-10	1050	---	24	42	---	---
91-08-08	1200	---	0	18	---	---
91-08-08	1205	---	27	45	---	---
91-08-28	1330	---	0	18	---	---
91-08-28	1335	---	24	42	---	---
91-11-07	1115	---	0	18	---	---
91-11-07	1125	---	24	48	---	---
92-02-06	1240	---	0	18	---	---
92-02-06	1245	---	30	45	---	---
92-03-23	1345	---	0	20	---	---
92-03-23	1355	---	27	45	---	---
92-06-02	1410	---	0	20	---	---
92-06-02	1420	---	30	45	---	---
92-07-10	1120	---	0	21	---	---
92-07-10	1130	---	24	45	---	---
92-07-30	1210	---	0	18	---	---
92-07-30	1220	---	24	45	---	---
92-09-03	1240	---	0	21	---	---
92-09-03	1250	---	27	45	---	---
92-10-21	1120	---	0	21	---	---
92-10-21	1130	---	24	45	---	---
			Maximum		< .1	< .1
			75 percentile		---	---
			50 percentile		---	---
			25 percentile		---	---
			Minimum		< .1	< .1
			Number of samples		3	3

Table 66.--Trace metal concentrations in water, Alum Fork Saline River near Reform, Arkansas (07362587)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; ---, no data; <, less than]

Date	Time	Discharge, instantaneous (ft^3/s) (00061)	Arsenic, total (ug/L as As) (01002)	Barium, total (ug/L as Ba) (01007)	Boron, total (ug/L as Bo) (01020)	Cadmium, total (ug/L as Cd) (01027)	Chromium, total (ug/L as Cr) (01034)	Iron, total (ug/L as Fe) (01045)	Iron, dissolved (ug/L as Fe) (01046)
89-05-22	1000	23	<1	<100	<10	<1	1	410	180
89-08-28	1000	2.7	---	---	20	---	---	---	350
89-10-02	0930	21	---	---	10	---	---	---	60
90-01-19	1030	---	---	---	<10	---	---	---	96
90-01-29	0945	53	<1	<100	<10	<1	<1	340	68
90-03-30	1030	466	---	---	<10	---	---	---	170
90-04-02	0900	65	---	---	<10	---	---	---	36
90-08-28	1000	0	<1	---	<10	<1	<1	380	170
91-02-05	1100	18	---	---	---	---	---	170	53
91-06-04	1030	4.7	---	---	---	---	---	250	160
91-10-29	1100	626	---	---	---	---	---	920	290
92-02-03	1045	11	---	---	---	---	---	220	79
92-05-21	1245	---	---	---	---	---	---	300	170
92-08-24	1220	---	---	---	---	---	---	450	270
Maximum			<1	<100	20	<1	1	920	350
75 percentile			---	---	<10	---	---	410	180
50 percentile			---	---	<10	---	---	340	160
25 percentile			---	---	<10	---	---	250	68
Minimum			<1	<100	<10	<1	<1	170	36
Number of samples			3	2	8	3	3	9	14

Date	Time	Discharge, instantaneous (ft^3/s) (00061)	Lead, total (ug/L as Pb) (01051)	Manganese, total (ug/L as Mn) (01055)	Manganese, dissolved (ug/L as Mn) (01056)	Silver, total (ug/L as Ag) (01077)	Selenium, total (ug/L as Se) (01147)	Mercury, total (ug/L as Hg) (71900)
89-05-22	1000	23	3	20	---	<1	<1	-0.1
89-08-28	1000	2.7	---	---	---	---	---	---
89-10-02	0930	21	---	---	---	---	---	---
90-01-19	1030	---	---	---	---	---	---	---
90-01-29	0945	53	3	<10	---	<1	<1	< .1
90-03-30	1030	466	---	---	---	---	---	---
90-04-02	0900	65	---	---	---	---	---	---
90-08-28	1000	0	<1	40	---	<1	<1	< .1
91-02-05	1100	18	---	<10	4	---	---	---
91-06-04	1030	4.7	---	<10	13	---	---	---
91-10-29	1100	626	---	40	32	---	---	---
92-02-03	1045	11	---	<10	3	---	---	---
92-05-21	1245	---	---	30	11	---	---	---
92-08-24	1220	---	---	<10	14	---	---	---
Maximum			3	40	32	<1	<1	< .1
75 percentile			---	30	14	---	---	---
50 percentile			---	<10	11	---	---	---
25 percentile			---	<10	4	---	---	---
Minimum			<1	<10	3	<1	<1	< .1
Number of samples			3	9	6	3	3	3

Table 67.--Trace metal concentrations in water, Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Arsenic, total (ug/L as As) (01002)	Barium, total (ug/L as Ba) (01007)	Boron, total (ug/L as Bo) (01020)	Cadmium, total (ug/L as Cd) (01027)	Chromium, total (ug/L as Cr) (01034)	Iron, total (ug/L as Fe) (01045)
89-05-23	1349	3	<1	<100	<10	<1	<1	250
89-05-23	1357	11	<1	<100	<10	<1	1	470
89-08-29	0932	2	---	---	<10	---	---	---
89-08-29	0938	9	---	---	20	---	---	---
90-01-30	1002	2	<1	100	<10	<1	<1	310
90-01-30	1006	9	<1	<100	<10	<1	<1	260
90-04-03	0934	3	---	---	<10	---	---	---
90-04-03	0938	12	---	---	<10	---	---	---
90-08-27	1105	4	<1	<100	10	<1	<1	360
90-08-27	1116	14	1	<100	10	<1	<1	2,800
	Maximum		1	100	20	<1	1	2,800
	75 percentile		<1	<100	10	<1	<1	470
	50 percentile		<1	<100	<10	<1	<1	310
	25 percentile		<1	<100	<10	<1	<1	260
	Minimum		<1	<100	<10	<1	<1	250
	Number of samples		6	6	10	6	6	6

Date	Time	Point sample depth (feet below surface) (00003)	Iron, dissolved (ug/L as Fe) (01046)	Lead, total (ug/L as Pb) (01051)	Manganese, total (ug/L as Mn) (01055)	Silver, total (ug/L as Ag) (01077)	Selenium, total (ug/L as Se) (01147)	Mercury, total (ug/L as Hg) (71900)
89-05-23	1349	3	49	2	20	<1	<1	<0.1
89-05-23	1357	11	65	1	20	<1	<1	< .1
89-08-29	0932	2	49	---	---	---	---	---
89-08-29	0938	9	180	---	---	---	---	---
90-01-30	1002	2	82	1	50	<1	<1	< .1
90-01-30	1006	9	90	1	50	<1	<1	< .1
90-04-03	0934	3	160	---	---	---	---	---
90-04-03	0938	12	120	---	---	---	---	---
90-08-27	1105	4	130	2	50	<1	<1	< .1
90-08-27	1116	14	670	2	50	<1	<1	< .1
	Maximum		670	2	50	<1	<1	< .1
	75 percentile		130	2	50	<1	<1	< .1
	50 percentile		90	1	50	<1	<1	< .1
	25 percentile		49	1	20	<1	<1	< .1
	Minimum		49	1	20	<1	<1	< .1
	Number of samples		10	6	6	6	6	6

Table 68.--Trace metal concentrations in water, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Arsenic, total (ug/L as As) (01002)	Barium, total (ug/L as Ba) (01007)	Boron, total (ug/L as Bo) (01020)	Cadmium, total (ug/L as Cd) (01027)	Chromium, total (ug/L as Cr) (01034)	Iron, total (ug/L as Fe) (01045)
89-05-24	1014	13	<1	<100	10	<1	1	210
89-05-24	1040	54	<1	<100	<10	<1	<1	170
89-08-29	1031	10	---	---	<10	---	---	---
89-08-29	1107	42	---	---	10	---	---	---
90-01-30	1106	12	<1	<100	<10	<1	<1	280
90-01-30	1114	47	<1	100	<10	<1	<1	340
90-04-03	1046	48	---	---	<10	---	---	---
90-08-27	1341	11	<1	<100	10	<1	<1	100
90-08-27	1409	45	<1	<100	<10	<1	<1	980
	Maximum		<1	100	10	<1	1	980
	75 percentile		<1	<100	10	<1	<1	340
	50 percentile		<1	<100	<10	<1	<1	210
	25 percentile		<1	<100	<10	<1	<1	170
	Minimum		<1	<100	<10	<1	<1	100
	Number of samples		6	6	9	6	6	6

Date	Time	Point sample depth (feet below surface) (00003)	Iron, dissolved (ug/L as Fe) (01046)	Lead, totaL (ug/L as Pb) (01051)	Manganese, total (ug/L as Mn) (01055)	Silver, total (ug/L as Ag) (01077)	Selenium, total (ug/L as Se) (01147)	Mercury, total (ug/L as Hg) (71900)
89-05-24	1014	13	63	1	20	<1	<1	<0.1
89-05-24	1040	54	93	1	20	<1	<1	< .1
89-08-29	1031	10	120	---	---	---	---	---
89-08-29	1107	42	84	---	---	---	---	---
90-01-30	1106	12	150	1	120	<1	<1	< .1
90-01-30	1114	47	140	<1	120	<1	<1	< .1
90-04-03	1046	48	120	---	---	---	---	---
90-08-27	1341	11	54	<1	20	<1	<1	< .1
90-08-27	1409	45	250	<1	700	<1	<1	< .1
	Maximum		250	1	700	<1	<1	< .1
	75 percentile		140	1	120	<1	<1	< .1
	50 percentile		120	<1	20	<1	<1	< .1
	25 percentile		84	<1	20	<1	<1	< .1
	Minimum		54	<1	20	<1	<1	< .1
	Number of samples		9	6	6	6	6	6

Table 69.--Trace metal concentrations in water, Lake Winona at Reform, Arkansas (07362590)

[ft^3/s, cubic feet per second; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ug/L, microgram per liter; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Arsenic, total (ug/L as As) (01002)	Barium, total (ug/L as Ba) (01007)	Boron, total (ug/L as Bo) (01020)	Cadmium, total (ug/L as Cd) (01027)	Chromium, total (ug/L as Cr) (01034)	Iron, total (ug/L as Fe) (01045)	Iron, dissolved (ug/L as Fe) (01046)
89-05-24	1329	18	<1	<100	<10	<1	<1	100	73
89-05-24	1357	72	<1	<100	<10	<1	<1	170	130
89-08-29	1156	17	---	---	<10	---	---	---	190
89-08-29	1230	61	---	---	<10	---	---	---	160
90-01-30	1236	18	<1	<100	<10	<1	<1	350	220
90-01-30	1250	72	<1	<100	<10	<1	<1	340	150
90-04-03	1208	18	---	---	<10	---	---	---	150
90-04-03	1226	72	---	---	<10	---	---	---	170
90-08-29	1035	10	<1	<100	20	<1	<1	80	69
90-08-29	1103	66	<1	<100	<10	<1	<1	500	270
91-02-05	1232	20	---	---	---	---	---	440	260
91-02-05	1237	70	---	---	---	---	---	490	240
91-06-03	1335	17	---	---	---	---	---	400	160
91-06-03	1346	70	---	---	---	---	---	200	180
91-09-06	1057	10	---	---	---	---	---	100	50
91-09-06	1115	50	---	---	---	---	---	220	140
92-02-04	1033	15	---	---	---	---	---	270	130
92-02-04	1039	70	---	---	---	---	---	270	160
92-06-15	1254	12	---	---	---	---	---	160	78
92-06-15	1302	15	---	---	---	---	---	160	120
92-09-09	1122	10	---	---	---	---	---	90	26
92-09-09	1138	50	---	---	---	---	---	210	120
	Maximum		<1	<100	20	<1	<1	500	270
	75 percentile		<1	<100	<10	<1	<1	340	180
	50 percentile		<1	<100	<10	<1	<1	210	150
	25 percentile		<1	<100	<10	<1	<1	160	120
	Minimum		<1	<100	<10	<1	<1	80	26
	Number of samples		6	6	10	6	6	18	22

Table 69.--Trace metal concentrations in water, Lake Winona at Reform, Arkansas (07362590)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Lead, total (ug/L as Pb) (01051)	Manganese, total (ug/L as Mn) (01055)	Manganese, dissolved (ug/L as Mn) (01056)	Silver, total (ug/L as Ag) (01077)	Selenium, total (ug/L as Se) (01147)	Mercury, total (ug/L as Hg) (71900)
89-05-24	1329	18	<1	20	---	<1	<1	<0.1
89-05-24	1357	72	<1	40	---	<1	<1	< .1
89-08-29	1156	17	---	---	---	---	---	---
89-08-29	1230	61	---	---	---	---	---	---
90-01-30	1236	18	1	130	---	<1	<1	< .1
90-01-30	1250	72	1	120	---	<1	<1	< .1
90-04-03	1208	18	---	---	---	---	---	---
90-04-03	1226	72	---	---	---	---	---	---
90-08-29	1035	10	1	20	---	<1	<1	< .1
90-08-29	1103	66	1	510	---	<1	<1	< .1
91-02-05	1232	20	---	30	13	---	---	---
91-02-05	1237	70	---	30	10	---	---	---
91-06-03	1335	17	---	80	98	---	---	---
91-06-03	1346	70	---	200	190	---	---	---
91-09-06	1057	10	---	20	13	---	---	---
91-09-06	1115	50	---	170	160	---	---	---
92-02-04	1033	15	---	<10	3	---	---	---
92-02-04	1039	70	---	<10	2	---	---	---
92-06-15	1254	12	---	20	2	---	---	---
92-06-15	1302	15	---	50	37	---	---	---
92-09-09	1122	10	---	30	8	---	---	---
92-09-09	1138	50	---	190	170	---	---	---
	Maximum		1	510	190	<1	<1	< .1
	75 percentile		1	130	98	<1	<1	< .1
	50 percentile		1	30	13	<1	<1	< .1
	25 percentile		<1	20	3	<1	<1	< .1
	Minimum		<1	10	2	<1	<1	< .1
	Number of samples		6	18	12	6	6	6

Table 70.--Organic concentrations in water, Maumelle River at Williams Junction, Arkansas (07263295)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; --- no data; <, less than]

Date	Time	Chloro-pyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Mala-thion, (ug/L) (39530)
89-05-22	1330	---	---	---	---	<0.01	<0.01
90-01-29	1230	---	<0.01	<0.01	<0.01	< .01	< .01

Date	Time	Para-thion, (ug/L) (39540)	Diazi-non, (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-22	1330	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
90-01-29	1230	< .01	< .01	< .01	< .01	< .01	< .01

Date	Time	Silvex, (ug/L) (39760)	Total trithion, (ug/L) (39786)	Methyl-trithion (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-22	1330	<0.01	<0.01	<0.01	<0.01	<0.01
90-01-29	1230	<0.01	<0.01	<0.01	<0.01	<0.01

Table 71.--Organic concentrations in water, Maumelle River near Wye, Arkansas (07263296)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; --- no data; <, less than]

Date	Time	Chloro-pyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Mala-thion, (ug/L) (39530)
89-05-23	1000	---	---	---	---	<0.01	<0.01
90-01-29	1400	---	<0.01	<0.01	<0.01	< .01	< .01

Date	Time	Para-thion, (ug/L) (39540)	Diazi-non, (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-23	1000	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
90-01-29	1400	< .01	< .01	< .01	< .01	< .01	< .01

Date	Time	Silvex, (ug/L) (39760)	Total trithion, (ug/L) (39786)	Methyl-trithion (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-23	1000	<0.01	<0.01	<0.01	<0.01	<0.01
90-01-29	1400	< .01	< .01	< .01	< .01	< .01

Table 72.--Organic concentrations in water, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Chloropyrifos, (ug/L) (38932)	Disyton (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Malathion, (ug/L) (39530)
89-05-25	1024	4	---	---	---	---	<0.01	<0.01
89-05-25	1028	16	---	---	---	---	< .01	< .01
90-01-31	0904	3	---	<0.01	<0.01	<0.01	< .01	< .01
90-01-31	0908	14	---	< .01	< .01	< .01	< .01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Parathion, (ug/L) (39540)	Diazinon (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-25	1024	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-25	1028	16	< .01	< .01	< .01	< .01	< .01	< .01
90-01-31	0904	3	< .01	< .01	< .01	< .01	< .01	< .01
90-01-31	0908	14	< .01	< .01	< .01	< .01	< .01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Silvex, (ug/L) (39760)	Total thion, (ug/L) (39786)	Methyl-trithion, (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-25	1024	4	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-25	1028	16	< .01	< .01	< .01	< .01	< .01
90-01-31	0904	3	< .01	< .01	< .01	< .01	< .01
90-01-31	0908	14	< .01	< .01	< .01	< .01	< .01

Table 73.--Organic concentrations in water, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Chloropyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Malathion, (ug/L) (39530)
89-05-25	1239	4	---	---	---	---	<0.01	<0.01
89-05-25	1247	16	---	---	---	---	< .01	< .01
90-01-31	1304	3	---	---	---	---	---	---
90-01-31	1308	14	---	<0.01	<0.01	<0.01	< .01	< .01
90-08-30	1205	4	<0.01	< .01	< .01	< .01	< .01	< .01
90-08-30	1210	14	< .01	< .01	< .01	< .01	< .01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Parathion, (ug/L) (39540)	Diazinon (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-25	1239	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-25	1247	16	< .01	< .01	< .01	< .01	< .01	< .01
90-01-31	1304	3	---	---	---	< .01	< .01	< .01
90-01-31	1308	14	< .01	< .01	< .01	< .01	< .01	< .01
90-08-30	1205	4	< .01	< .01	< .01	< .01	.01	< .01
90-08-30	1210	14	< .01	< .01	< .01	< .01	.10	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Silvex, (ug/L) (39760)	Total thion, (ug/L) (39786)	Methyl-trithion, (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-25	1239	4	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-25	1247	16	< .01	< .01	< .01	< .01	< .01
90-01-31	1304	3	< .01	---	---	< .01	< .01
90-01-31	1308	14	< .01	< .01	< .01	< .01	< .01
90-08-30	1205	4	< .01	< .01	< .01	< .01	< .01
90-08-30	1210	14	< .01	< .01	< .01	< .01	< .01

Table 74.--Organic concentrations in water, Lake Maumelle near Little Italy, Arkansas (07263299)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Chloropyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Malathion, (ug/L) (39530)
89-05-26	1053	10	---	---	---	---	<0.01	<0.01
89-05-26	1115	40	---	---	---	---	< .01	< .01
90-01-31	1004	9	---	<0.01	<0.01	<0.01	< .01	< .01
90-01-31	1012	36	---	< .01	< .01	< .01	< .01	< .01
90-08-31	1019	9	<0.01	< .01	< .01	< .01	< .01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Parathion, (ug/L) (39540)	Diazinon (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-26	1053	10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-26	1115	40	< .01	< .01	< .01	< .01	< .01	< .01
90-01-31	1004	9	< .01	< .01	< .01	< .01	< .01	< .01
90-01-31	1012	36	< .01	< .01	< .01	< .01	< .01	< .01
90-08-31	1019	9	< .01	< .01	< .01	< .01	.02	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Silvex, (ug/L) (39760)	Total thion, (ug/L) (39786)	Methyl-trithion, (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-26	1053	10	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-26	1115	40	< .01	< .01	< .01	< .01	< .01
90-01-31	1004	9	< .01	< .01	< .01	< .01	< .01
90-01-31	1012	36	< .01	< .01	< .01	< .01	< .01
90-08-31	1019	9	< .01	< .01	< .01	< .01	< 01

Table 75.--Organic concentrations in water, Lake Maumelle near Natural Steps, Arkansas (072632995)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Chloropyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Malathion, (ug/L) (39530)
89-05-26	1236	8	---	---	---	---	<0.01	<0.01
89-05-26	1252	30	---	---	---	---	< .01	< .01
90-01-31	1104	7	---	<0.01	<0.01	<0.01	< .01	< .01
90-01-31	1110	28	---	< .01	< .01	< .01	< .01	< .01
90-08-31	1324	30	<0.01	< .01	< .01	< .01	< .01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Parathion, (ug/L) (39540)	Diazinon (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-26	1236	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-26	1252	30	< .01	< .01	< .01	< .01	< .01	< .01
90-01-31	1104	7	< .01	< .01	< .01	< .01	.02	< .01
90-01-31	1110	28	< .01	< .01	< .01	< .01	< .01	< .01
90-08-31	1324	30	< .01	< .01	< .01	< .01	.01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Silvex, (ug/L) (39760)	Total thion, (ug/L) (39786)	Methyl-trithion, (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-26	1236	8	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-26	1252	30	< .01	< .01	< .01	< .01	< .01
90-01-31	1104	7	< .01	< .01	< .01	< .01	< .01
90-01-31	1110	28	< .01	< .01	< .01	< .01	< .01
90-08-31	1324	30	< .01	< .01	< .01	< .01	< .01

Table 76.--Organic concentrations in water, Alum Fork Saline River near Reform, Arkansas (07362587)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; --- no data; <, less than]

Date	Time	Chloro-pyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Mala-thion, (ug/L) (39530)
89-05-22	1000	---	---	---	---	<0.01	<0.01
90-01-29	0945	---	<0.01	<0.01	<0.01	< .01	< .01

Date	Time	Para-thion, (ug/L) (39540)	Diazi-non, (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-22	1000	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
90-01-29	0945	< .01	< .01	< .01	< .01	< .01	< .01

Date	Time	Silvex, (ug/L) (39760)	Total trithion, (ug/L) (39786)	Methyl-trithion (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-22	1000	<0.01	<0.01	<0.01	<0.01	<0.01
90-01-29	0945	< .01	< .01	< .01	< .01	< .01

Table 77.--Organic concentrations in water, Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Chloropyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Malathion, (ug/L) (39530)
89-05-23	1349	3	---	---	---	---	<0.01	<0.01
89-05-23	1357	11	---	---	---	---	< .01	< .01
90-01-30	1002	2	---	<0.01	<0.01	<0.01	< .01	< .01
90-01-30	1006	9	---	< .01	< .01	< .01	< .01	< .01
90-08-27	1105	4	<0.01	< .01	< .01	< .01	< .01	< .01
90-08-27	1116	14	< .01	< .01	< .01	< .01	< .01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Parathion, (ug/L) (39540)	Diazinon (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-23	1349	3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-23	1357	11	< .01	< .01	< .01	< .01	.02	< .01
90-01-30	1002	2	< .01	< .01	< .01	< .01	< .01	< .01
90-01-30	1006	9	< .01	< .01	< .01	< .01	< .01	< .01
90-08-27	1105	4	< .01	< .01	< .01	< .01	.01	< .01
90-08-27	1116	14	< .01	< .01	< .01	---	---	---

Date	Time	Point sample depth (feet below surface) (00003)	Silvex, (ug/L) (39760)	Total thion, (ug/L) (39786)	Methyl-trithion, (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-23	1349	3	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-23	1357	11	< .01	< .01	< .01	< .01	< .01
90-01-30	1002	2	< .01	< .01	< .01	< .01	< .01
90-01-30	1006	9	< .01	< .01	< .01	< .01	< .01
90-08-27	1105	4	< .01	< .01	< .01	.02	< .01
90-08-27	1116	14	---	< .01	< .01	---	---

Table 78.--Organic concentrations in water, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Chloropyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Malathion, (ug/L) (39530)
89-05-24	1014	13	---	---	---	---	<0.01	<0.01
89-05-24	1040	54	---	---	---	---	< .01	< .01
90-01-30	1106	12	---	<0.01	<0.01	<0.01	< .01	< .01
90-01-30	1114	47	---	< .01	< .01	< .01	< .01	< .01
90-08-27	1341	11	<0.01	< .01	< .01	< .01	< .01	< .01
90-08-27	1409	45	< .01	< .01	< .01	< .01	< .01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Parathion, (ug/L) (39540)	Diazinon (ug/L) (39570)	Methyl-parathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-24	1014	13	<0.01	<0.01	<0.01	<0.01	0.02	<0.01
89-05-24	1040	54	< .01	< .01	< .01	< .01	.01	< .01
90-01-30	1106	12	< .01	< .01	< .01	< .01	< .01	< .01
90-01-30	1114	47	< .01	< .01	< .01	< .01	< .01	< .01
90-08-27	1341	11	< .01	< .01	< .01	< .01	.01	< .01
90-08-27	1409	45	< .01	< .01	< .01	< .01	.01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Silvex, (ug/L) (39760)	Total thion, (ug/L) (39786)	Methyl-trithion, (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-24	1014	13	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-24	1040	54	< .01	< .01	< .01	< .01	< .01
90-01-30	1106	12	< .01	< .01	< .01	< .01	< .01
90-01-30	1114	47	< .01	< .01	< .01	< .01	< .01
90-08-27	1341	11	< .01	< .01	< .01	< .01	< .01
90-08-27	1409	45	< .01	< .01	< .01	< .01	< .01

Table 79.--Organic concentrations in water, Lake Winona at Reform, Arkansas (07362590)

[ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Point sample depth (feet below surface) (00003)	Chloropyrifos, (ug/L) (38932)	Disyston (ug/L) (39011)	Phorate, (ug/L) (39023)	DEF, (ug/L) (39040)	Ethion, (ug/L) (39398)	Malathion, (ug/L) (39530)
89-05-24	1329	18	---	---	---	---	<0.01	<0.01
89-05-24	1357	72	---	---	---	---	< .01	< .01
90-01-30	1236	18	---	<0.01	<0.01	<0.01	< .01	< .01
90-01-30	1250	72	---	< .01	< .01	< .01	< .01	< .01
90-08-29	1035	10	<0.01	< .01	< .01	< .01	< .01	< .01
90-08-29	1103	66	< .01	< .01	< .01	< .01	< .01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Parathion, (ug/L) (39540)	Diazinon (ug/L) (39570)	Methylparathion, (ug/L) (39600)	Picloram, (ug/L) (39720)	2,4-D, (ug/L) (39730)	2,4,5-T, (ug/L) (39740)
89-05-24	1329	18	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-24	1357	72	< .01	< .01	< .01	< .01	< .01	< .01
90-01-30	1236	18	< .01	< .01	< .01	< .01	< .01	< .01
90-01-30	1250	72	< .01	< .01	< .01	< .01	< .01	< .01
90-08-29	1035	10	< .01	< .01	< .01	< .01	< .01	< .01
90-08-29	1103	66	< .01	< .01	< .01	< .01	.01	< .01

Date	Time	Point sample depth (feet below surface) (00003)	Silvex, (ug/L) (39760)	Total thion, (ug/L) (39786)	Methyltrithion, (ug/L) (39790)	Dicamba, (ug/L) (82052)	2,4-DP, (ug/L) (82183)
89-05-24	1329	18	<0.01	<0.01	<0.01	<0.01	<0.01
89-05-24	1357	72	< .01	< .01	< .01	< .01	< .01
90-01-30	1236	18	< .01	< .01	< .01	< .01	< .01
90-01-30	1250	72	< .01	< .01	< .01	< .01	< .01
90-08-29	1035	10	< .01	< .01	< .01	< .01	< .01
90-08-29	1103	66	< .01	< .01	< .01	< .01	< .01

Table 80.--Biological components in water at Maumelle River at Williams Junction, Arkansas (07263295)

[UM-MF, micron membrane filter; mL, milliliter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; K, plate count outside ideal range; <, less than]

Date	Time	Bacteria, coliform, fecal, 0.7 UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)
89-05-22	1330	K1,700	5,800
89-08-28	1130	K40	K360
89-10-02	1200	40	K14,000
90-01-19	1345	190	6,400
90-01-29	1230	53	460
90-03-08	1015	140	2,100
90-04-02	1200	<20	400
90-08-28	1150	26	110
91-02-06	0930	140	K500
91-04-23	0930	91	38
91-06-04	1245	23	30
91-10-29	1330	K1,700	7,300
91-11-06	0945	K7	28
92-02-03	1245	K1	<1
92-03-23	1000	56	72
92-05-22	1200	K19	230
92-07-01	1030	30	140
92-07-27	1100	K63	220
92-08-25	1045	77	37
Maximum		K1,700	K14,000
75 percentile		140	2,100
50 percentile		53	230
25 percentile		23	38
Minimum		K1	<1
Number of samples		19	19

Table 81.--Biological components in water at Maumelle River near Wye, Arkansas (07263296)

[UM-MF, micron membrane filter; mL, milliliter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; K, plate count outside ideal range; <, less than]

Date	Time	Bacteria, coliform, fecal, 0.7 UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)
89-05-23	1000	K200	1,900
89-08-28	1300	K27	3,900
89-10-02	1345	170	480
90-01-19	1600	400	5,000
90-01-29	1400	31	460
90-03-08	1300	200	1,600
90-04-02	1330	K20	440
90-08-28	1300	13	140
Maximum		400	5,000
75 percentile		K200	1,900
50 percentile		31	480
25 percentile		K20	440
Minimum		13	140
Number of samples		8	8

Table 82.--Biological components in water at Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[UM-MF, micron membrane filter; mL, milliliter; ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; <, less than; K, plate count outside ideal range]

Date	Time	Point sample depth (feet below surface)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
89-05-25	1022	2	---	---	---	---	2.1	0.4
89-05-25	1024	4	---	---	8	13	---	---
89-05-25	1028	16	---	---	1	13	---	---
89-08-30	0902	2	---	---	---	---	5.0	.4
89-08-30	0904	3	---	---	2	43	---	---
89-08-30	0908	14	---	---	2	28	---	---
90-01-31	0902	2	---	---	---	---	.8	< .1
90-01-31	0904	3	---	---	2	35	---	---
90-01-31	0908	14	---	---	5	31	---	---
90-04-04	1012	2	---	---	---	---	2.1	.2
90-04-04	1014	4	---	---	16	23	---	---
90-04-04	1018	16	---	---	22	58	---	---
90-08-30	0948	2	---	---	---	---	2.2	.3
90-08-30	0949	4	---	---	<2	44	---	---
90-08-30	0958	15	---	---	3	48	---	---
91-02-06	1330	---	0	6	---	---	.4	< .1
91-02-06	1335	---	3	9	<1	<1	---	---
91-02-06	1340	---	16	22	<1	K5	---	---
91-04-24	1015	---	0	12	---	---	1.5	< .1
91-04-24	1025	---	2	7	K2	25	---	---
91-04-24	1030	---	11	16	K1	27	---	---
91-06-05	1000	---	1	13	<1	<1	---	---
91-06-05	1005	---	14	20	K3	46	---	---
91-06-05	1010	---	0	14	---	---	1.5	.2
91-07-08	1000	---	0	12	<1	<1	---	---
91-07-08	1005	---	14	20	<1	170	---	---
91-07-08	1010	---	0	14	---	---	2.5	.2
91-08-06	1115	---	0	10	K1	K7	---	---
91-08-06	1120	---	16	19	K1	K9	---	---
91-08-06	1130	---	0	13	---	---	3.1	< .1
91-08-27	1030	---	0	10	K4	K15	---	---
91-08-27	1035	---	12	18	K7	25	---	---
91-11-06	1210	---	0	9	K16	76	---	---
91-11-06	1220	---	9	18	K19	200	---	---
91-11-06	1230	---	0	12	---	---	1.8	< .1
92-02-05	1055	---	0	9	<1	K1	---	---
92-02-05	1100	---	0	9	---	---	.6	< .1
92-03-24	1045	---	0	15	K13	K6	---	---
92-03-24	1055	---	0	15	---	---	.4	< .1
92-06-01	1305	---	0	9	K1	39	---	---
92-06-01	1310	---	11	20	K4	360	---	---

Table 82.--Biological components in water at Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)--Continued

Date	Time	Point sample depth (feet below) surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
92-06-01	1315	---	0	9	---	---	2.4	0.2
92-07-08	1215	---	0	12	<1	31	---	---
92-07-08	1220	---	17	20	K1	K6	---	---
92-07-08	1225	---	0	12	---	---	2.2	.3
92-07-28	1150	---	0	9	K11	<1	---	---
92-07-28	1200	---	16	19	K200	K11	---	---
92-07-28	1210	---	0	9	---	---	2.6	.3
92-08-31	1210	---	0	12	<1	<1	---	---
92-08-31	1220	---	0	12	---	---	2.6	.2
92-10-19	1200	---	0	16	K1	K7	---	---
92-10-19	1210	---	0	16	---	---	4.8	.2
				Maximum	K200	360	5	.4
				75 percentile	K7	43	2.6	.3
				50 percentile	2	23	2.1	.2
				25 percentile	K1	K6	1.5	.1
				Minimum	<1	<1	.4	<.1
				Number of samples	34	34	18	18

Table 83.--Biological components in water at Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[UM-MF, micron membrane filter; mL, milliliter; ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; <, less than]

Date	Time	Point sample depth (feet below) surface) (00003)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
89-05-25	1237	2	---	---	2.7	0.5
89-05-25	1239	4	2	10	---	---
89-05-25	1247	16	4	37	---	---
89-08-30	1132	2	---	---	3.5	.4
89-08-30	1134	4	8	35	---	---
89-08-30	1138	16	4	19	---	---
90-01-31	1302	2	---	---	1.9	.2
90-01-31	1304	3	---	11	---	---
90-01-31	1308	14	7	8	---	---
90-04-04	1102	2	---	---	3.2	.3
90-04-04	1104	4	13	16	---	---
90-04-04	1108	16	5	26	---	---
90-08-30	1204	2	---	---	1.0	.1
90-08-30	1205	4	3	4	---	---
90-08-30	1210	14	4	30	---	---
		Maximum	13	37	3.5	.5
		75 percentile	7	30	3.2	.4
		50 percentile	4	16	2.7	.3
		25 percentile	4	10	1.9	.2
		Minimum	2	4	1.0	.1
		Number of samples	9	10	5	5

Table 84.--Biological components in water at Lake Maumelle near Little Italy, Arkansas (07263299)

[UM-MF, micron membrane filter; mL, milliliter; ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; <, less than; K, plate count outside ideal range]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
89-05-26	1047	2	---	---	---	---	2.6	0.3
89-05-26	1053	10	---	---	<1	K400	---	---
89-05-26	1115	40	---	---	14	K380	---	---
89-08-30	0942	2	---	---	---	---	4.3	.5
89-08-30	0946	10	---	---	4	17	---	---
89-08-30	1008	40	---	---	1	12	---	---
90-01-31	1002	2	---	---	---	---	2.2	.2
90-01-31	1004	9	---	---	1	2	---	---
90-01-31	1012	36	---	---	2	3	---	---
90-04-04	1232	2	---	---	---	---	3.8	.4
90-04-04	1234	9	---	---	3	8	---	---
90-04-04	1242	36	---	---	1	2	---	---
90-08-31	1017	2	---	---	---	---	1.4	.3
90-08-31	1019	9	---	---	<1	69	---	---
90-08-31	1037	36	---	---	<1	9	---	---
91-02-08	1012	---	6	18	<1	<1	---	---
91-02-08	1015	---	28	40	<1	<4	---	---
91-02-08	1030	---	0	18	---	---	.8	<.1
91-04-25	1030	---	0	18	---	---	1.2	<.1
91-04-25	1035	---	6	18	K1	<1	---	---
91-04-25	1040	---	30	42	<1	K9	---	---
91-06-05	1255	---	0	14	K1	K1	---	---
91-06-05	1300	---	17	35	<1	K4	---	---
91-06-05	1305	---	0	21	---	---	2.0	.3
91-07-09	1045	---	0	16	<1	K1	---	---
91-07-09	1050	---	15	36	<1	---	---	---
91-07-09	1100	---	0	18	---	---	1.6	.1
91-08-07	1200	---	0	18	K1	K1	---	---
91-08-07	1205	---	24	42	<1	K2	---	---
91-08-28	0950	---	0	21	K1	<1	---	---
91-08-28	0955	---	25	40	K1	K1	---	---
91-08-28	1000	---	1	22	---	---	1.9	<.1
91-11-07	0945	---	0	18	K9	K11	---	---
91-11-07	0955	---	29	47	K3	K11	---	---
91-11-07	1005	---	0	15	---	---	4.1	<.1
92-02-05	1335	---	0	15	<1	<1	---	---
92-02-05	1340	---	27	42	K3	K2	---	---
92-02-05	1350	---	0	21	---	---	.8	<.1
92-03-25	0940	---	0	18	K4	K4	---	---
92-03-25	0945	---	28	49	K9	K3	---	---
92-03-25	0950	---	0	14	---	---	.6	<.1

Table 84.--Biological components in water at Lake Maumelle near Little Italy, Arkansas (07263299)--Continued

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
92-06-02	1110	---	0	20	K1	240	---	---
92-06-02	1120	---	29	41	<1	K1,300	---	---
92-06-02	1130	---	0	20	---	---	2.7	0.3
92-07-09	1050	---	0	18	<1	K1	---	---
92-07-09	1055	---	25	43	<1	<1	---	---
92-07-09	1100	---	0	18	---	---	2.1	.2
92-07-29	1150	---	0	21	<1	<1	---	---
92-07-29	1200	---	23	44	<1	<1	---	---
92-07-29	1210	---	0	21	---	---	2.0	.2
92-09-01	1050	---	0	21	<1	<1	---	---
92-09-01	1100	---	25	43	<1	K1	---	---
92-09-01	1110	---	0	21	---	---	3.1	.3
92-10-20	1135	---	0	15	<1	K1	---	---
92-10-20	1155	---	0	15	---	---	6.8	.4
				Maximum	14	K1,300	6.8	.5
				75 percentile	2	K9	3.1	.3
				50 percentile	<1	2	2.0	.2
				25 percentile	<1	<1	1.4	<.1
				Minimum	<1	<1	.6	<.1
				Number of samples	34	36	18	18

Table 85.--Biological components in water at Lake Maumelle near Natural Steps, Arkansas (072632995)

[UM-MF, micron membrane filter; mL, milliliter; ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; <, less than; K, plate count outside ideal range]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
89-05-26	1232	2	---	---	---	---	2.5	0.2
89-05-26	1236	8	---	---	2	62	---	---
89-05-26	1252	30	---	---	<1	38	---	---
89-08-30	1032	2	---	---	---	---	3.2	.6
89-08-30	1034	7	---	---	5	200	---	---
89-08-30	1052	30	---	---	<1	49	---	---
90-01-31	1102	2	---	---	---	---	3.2	.3
90-01-31	1110	28	---	---	1	33	---	---
90-04-04	1332	2	---	---	---	---	2.0	.2
90-04-04	1334	8	---	---	<1	<1	---	---
90-04-04	1344	31	---	---	1	<1	---	---
90-08-31	1302	2	---	---	---	---	1.8	.3
90-08-31	1304	7	---	---	<1	10	---	---
90-08-31	1324	30	---	---	8	39	---	---
91-02-08	1320	---	0	18	---	---	1.0	< .1
91-02-08	1325	---	4	16	<1	K5	---	---
91-02-08	1330	---	24	36	K1	<1	---	---
91-04-23	1115	---	0	18	---	---	1.4	< .1
91-04-23	1130	---	5	13	<1	<1	---	---
91-04-23	1135	---	22	30	K1	<1	---	---
91-06-07	1030	---	0	11	K5	K1	---	---
91-06-07	1035	---	19	40	K3	K8	---	---
91-06-07	1040	---	0	18	---	---	1.3	.2
91-07-10	1045	---	0	18	<1	<1	---	---
91-07-10	1050	---	24	42	<1	<1	---	---
91-07-10	1055	---	0	18	---	---	1.2	.1
91-08-08	1200	---	0	18	K2	<1	---	---
91-08-08	1205	---	27	45	K1	<1	---	---
91-08-08	1210	---	0	18	---	---	1.1	< .1
91-08-28	1330	---	0	18	<1	<1	---	---
91-08-28	1335	---	24	45	K1	K1	---	---
91-11-07	1115	---	0	18	K1	<1	---	---
91-11-07	1125	---	24	42	K1	K17	---	---
91-11-07	1135	---	0	15	---	---	4.6	< .1
92-02-06	1240	---	0	18	K1	<1	---	---
92-02-06	1245	---	30	48	<1	K1	---	---
92-02-06	1250	---	0	21	---	---	0.7	< .1
92-03-23	1345	---	0	18	<1	K2	---	---
92-03-23	1355	---	27	45	<1	<1	---	---
92-03-23	1400	---	0	18	---	---	0.5	< .1
92-06-02	1410	---	0	20	K3	170	---	---
92-06-02	1420	---	30	45	K4	K6	---	---

Table 85.--Biological components in water at Lake Maumelle near Natural Steps, Arkansas (072632995)--Continued

Date	Time	Point sample depth (feet below) surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
92-06-02	1430	---	0	20	---	---	2.6	0.2
92-07-10	1120	---	0	21	K1	K2	---	---
92-07-10	1130	---	24	45	<1	K1	---	---
92-07-10	1140	---	0	21	---	---	< .1	< .1
92-07-30	1210	---	0	18	<1	<1	---	---
92-07-30	1220	---	24	45	K1	K1	---	---
92-07-30	1230	---	0	18	---	---	.9	< .1
92-09-03	1240	---	0	21	K1	<1	---	---
92-09-03	1250	---	27	45	<1	<1	---	---
92-09-03	1300	---	0	21	---	---	3.5	.3
92-10-21	1120	---	0	21	<1	<1	---	---
92-10-21	1130	---	24	45	<1	<1	---	---
92-10-21	1140	---	0	21	---	---	5.0	.3
				Maximum	8	200	5.0	.6
				75 percentile	K1	10	3.2	.3
				50 percentile	<1	K1	1.4	<.1
				25 percentile	<1	<1	1.0	<.1
				Minimum	<1	<1	<.1	<.1
				Number of samples	33	35	18	18

Table 86.--Biological components in water at Alum Fork Saline River near Reform, Arkansas (07263296)

[UM-MF, micron membrane filter; mL, milliliter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; K, plate count outside ideal range; <, less than]

Date	Time	Bacteria, coliform, fecal, 0.7 UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)
89-05-22	1000	K200	K1,800
89-08-28	1000	<4	820
89-10-02	0930	170	2,300
90-01-19	1030	K430	4,700
90-01-29	0945	30	420
90-03-30	1030	65	K1,400
90-04-02	0900	K12	680
90-08-28	1000	<1	700
91-02-05	1100	51	31
91-06-04	1030	9	210
91-10-29	1100	K1,300	7,600
92-02-03	1045	<1	<1
92-05-21	1245	K4	K57
92-08-24	1220	K5	50
Maximum		K1,300	7,600
75 percentile		170	K1,800
50 percentile		30	680
25 percentile		K5	K57
Minimum		<1	<1
Number of samples		13	14

Table 87.--Biological components in water at Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[UM-MF, micron membrane filter; mL, milliliter; ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; K, plate count outside ideal range; <, less than;]

Date	Time	Point sample depth (feet below) surface) (00003)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
89-05-23	1347	2	---	---	1.5	0.2
89-05-23	1349	3	1	K6	---	---
89-05-23	1357	11	160	200	---	---
89-08-29	0932	2	4	42	1.5	.1
89-08-29	0938	9	7	36	---	---
90-01-30	1002	2	2	43	.2	< .1
90-01-30	1006	9	9	60	---	---
90-04-03	0932	2	---	---	.3	< .1
90-04-03	0934	3	6	40	---	---
90-04-03	0938	12	20	77	---	---
90-08-27	1102	2	---	---	3.9	.9
90-08-27	1105	4	<1	68	---	---
90-08-27	1116	14	<1	K310	---	---
		Maximum	160	K310	3.9	.9
		75 percentile	9	77	1.5	.2
		50 percentile	6	43	1.5	.1
		25 percentile	2	40	.3	<.1
		Minimum	<1	K6	.2	<.1
		Number of	8	10	5	5

Table 88.--Biological components in water at Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[UM-MF, micron membrane filter; mL, milliliter; ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; <, less than; K, plate count outside ideal range]

Date	Time	Point sample depth (feet below) surface) (00003)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
89-05-24	1002	2	---	---	1.6	0.3
89-05-24	1014	13	<3	11	---	---
89-05-24	1040	54	<1	1	---	---
89-08-29	1027	2	---	---	.8	<.1
89-08-29	1031	10	2	K490	---	---
89-08-29	1107	42	1	4	---	---
90-01-30	1102	2	---	---	1.0	.2
90-01-30	1106	12	3	35	---	---
90-01-30	1114	47	4	50	---	---
90-04-03	1032	2	---	---	.9	.2
90-04-03	1036	12	3	4	---	---
90-04-03	1046	48	3	28	---	---
90-08-27	1337	2	---	---	.7	<.1
90-08-27	1341	11	1	42	---	---
90-08-27	1409	45	<1	41	---	---
		Maximum	4	K490	1.6	.3
		75 percentile	3	42	1.0	.2
		50 percentile	2	28	.9	.2
		25 percentile	<1	4	.8	<.1
		Minimum	<1	1	.7	<.1
		Number of samples	10	10	5	5

Table 89.--Biological components in water at Lake Winona at Reform, Arkansas (07362590)

[UM-MF, micron membrane filter; mL, milliliter; ug/L, microgram per liter; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; <, less than; K, plate count outside ideal range]

Date	Time	Point sample depth (feet below surface) (00003)	Top level of composite sample (feet below surface)	Bottom level of composite sample (feet below surface)	Bacteria, coliform, fecal 0.7, UM-MF (colonies per 100 mL) (31625)	Bacteria, streptococci, fecal KF agar (colonies per 100 mL) (31673)	Chlorophyll-A, phytoplankton (chromo-fluorometry) (ug/L) (70953)	Chlorophyll-B, phytoplankton (chromo-fluorometry (ug/L) (70954)
89-05-24	1317	2	---	---	---	---	21	0.3
89-05-24	1329	18	---	---	<1	1	---	---
89-05-24	1357	72	---	---	1	6	---	---
89-08-29	1142	2	---	---	---	---	0.8	< .1
89-08-29	1156	17	---	---	1	67	---	---
89-08-29	1230	61	---	---	<1	63	---	---
90-01-30	1232	2	---	---	---	---	1.0	.2
90-01-30	1236	18	---	---	6	26	---	---
90-01-30	1250	72	---	---	6	25	---	---
90-04-03	1202	2	---	---	---	---	1.0	.2
90-04-03	1208	18	---	---	1	3	---	---
90-08-29	1032	2	---	---	---	---	.8	.1
90-08-29	1035	10	---	---	<1	27	---	---
90-08-29	1103	66	---	---	<1	3	---	---
91-02-05	1232	20	---	---	<1	K1	---	---
91-02-05	1237	70	---	---	<1	K2	---	---
91-02-05	1315	---	0	16	---	---	.3	< .1
91-06-03	1335	17	---	---	<1	K1	---	---
91-06-03	1346	70	---	---	K1	K2	---	---
91-06-03	1400	---	0	12	---	---	.8	< .1
91-09-06	1057	10	---	---	K3	<1	---	---
91-09-06	1115	50	---	---	K1	<1	---	---
92-02-04	1033	15	---	---	K1	<1	---	---
92-02-04	1039	70	---	---	<1	<1	---	---
92-02-04	1050	---	1	17	---	---	.5	< .1
92-06-15	1254	12	---	---	<1	<1	---	---
92-06-15	1302	50	---	---	K4	K5	---	---
92-06-15	1315	---	0	15	---	---	.9	.1
92-09-09	1122	10	---	---	K1	<1	---	---
92-09-09	1138	50	---	---	<1	<1	---	---
92-09-09	1155	---	0	18	---	---	1.1	< .1
				Maximum	6	67	21	.3
				75 percentile	K1	6	1.0	.2
				50 percentile	<1	K2	.8	<.1
				25 percentile	<1	<1	.8	<.1
				Minimum	<1	<1	.3	<.1
				Number of samples	17	21	10	10

Table 90.--Nutrients in bed material, Maumelle River at Williams Junction, Arkansas (07263295)

[mg/kg, milligram per kilogram; g/kg, gram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, ammonia and organic, in bottom material (mg/kg as N) (00626)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)	Carbon, inorganic, in bottom material (g/kg as C) (00686)	Carbon, total, in bottom material (g/kg as C) (00693)
89-05-22	1335	5.7	---	5.0	<40	---	---
90-08-28	1155	6.0	---	<2.0	300	---	---
91-02-06	0945	21	570	7.0	240	<0.1	4.4
91-08-29	1340	4.7	330	<2.0	350	< .1	2.1
92-02-03	1245	1.7	320	<2.0	540	< .1	2.6
92-08-25	1100	3.4	460	<2.0	540	< .1	3.3

Table 91.--Nutrients in bed material, Maumelle River near Wye, Arkansas (07263296)

[mg/kg, milligram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data;]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, ammonia and organic, in bottom material (mg/kg as N) (00626)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)
89-05-23	1005	<0.4	4	<40
90-08-28	1305	2.8	<2	200

Table 92.--Nutrients in bed material, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[mg/kg, milligram per kilogram; g/kg, gram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, ammonia and organic, in bottom material (mg/kg as N) (00626)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)	Carbon, inorganic, in bottom material (g/kg as C) (00686)	Carbon, total, in bottom material (g/kg as C) (00693)
89-05-25	1035	74	---	<2.0	210	---	---
90-08-31	0930	13	---	<2.0	190	---	---
91-02-06	1400	4.8	350	<2.0	140	0.2	3.7
91-08-27	1100	82	3,000	<2.0	670	< .1	26
92-02-05	1110	2.9	390	<2.0	340	< .1	3.2
92-08-31	1230	36	10	.1	910	---	27

Table 93.--Nutrients in bed material, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[mg/kg, milligram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data;]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)
89-05-25	1300	44	3.0	180
90-08-31	0950	63	<2.0	260

Table 94.--Nutrients in bed material, Lake Maumelle near Little Italy, Arkansas (07263299)

[mg/kg, milligram per kilogram; g/kg, gram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, ammonia and organic, in bottom material (mg/kg as N) (00626)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)	Carbon, inorganic, in bottom material (g/kg as C) (00686)	Carbon, total, in bottom material (g/kg as C) (00693)
89-05-26	1130	83	---	3.0	420	---	---
90-08-31	1043	75	---	<2.0	420	---	---
91-02-08	1020	27	2,000	<2.0	420	<0.1	36
91-08-28	1010	81	3,900	<2.0	1,100	< .1	34
92-02-05	1400	59	3,100	<2.0	1,100	< .1	31
92-09-01	1120	50	2,100	30	2,200	< .1	53

Table 95.--Nutrients in bed material, Lake Maumelle near Natural Steps, Arkansas (072632995)

[mg/kg, milligram per kilogram; g/kg, gram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, ammonia and organic, in bottom material (mg/kg as N) (00626)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)	Carbon, inorganic, in bottom material (g/kg as C) (00686)	Carbon, total, in bottom material (g/kg as C) (00693)
89-05-26	1300	60	---	<2.0	430	---	---
90-08-31	1330	69	---	<2.0	600	---	---
91-02-08	1345	74	3,000	<2.0	530	<0.1	32
91-08-28	1345	87	3,300	<2.0	1,400	< .1	31
92-02-06	1300	75	3,700	5.0	1,300	< .1	32
92-09-03	1330	85	3,100	5.0	2,900	.1	32

Table 96.--Nutrients in bed material, Alum Fork Saline River near Reform, Arkansas (07362587)

[mg/kg, milligram per kilogram; g/kg, gram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, ammonia and organic, in bottom material (mg/kg as N) (00626)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)	Carbon, inorganic, in bottom material (g/kg as C) (00686)	Carbon, total, in bottom material (g/kg as C) (00693)
89-05-22	1005	1.0	---	5.0	71	---	---
90-08-28	1005	4.2	---	<2.0	260	---	---
91-08-29	1120	6.8	390	2.0	390	<0.1	5.9
92-08-24	1240	1.7	330	<2.0	350	< .1	28

Table 97.--Nutrients in bed material, Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[mg/kg, milligram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data;]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)
89-05-23	1403	5.1	5.0	40
90-08-27	1130	13	<2.0	190

Table 98.--Nutrients in bed material, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[mg/kg, milligram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data;]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)
89-05-24	1050	86	4.0	490
90-08-27	1415	14	<2.0	160

Table 99.--Nutrients in bed material, Lake Winona at Reform, Arkansas (07362590)

[mg/kg, milligram per kilogram; g/kg, gram per kilogram; five digit number in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Nitrogen, ammonia in bottom material (mg/kg as N) (00611)	Nitrogen, ammonia and organic, in bottom material (mg/kg as N) (00626)	Nitrogen, nitrite plus nitrate, in bottom material (mg/kg as N) (00633)	Phosphorus, in bottom material (mg/kg as P) (00668)	Carbon, inorganic, in bottom material (g/kg as C) (00686)	Carbon, total, in bottom material (g/kg as C) (00693)
89-05-24	1405	110	---	<2.0	350	---	---
90-08-29	1110	7.0	---	<2.0	350	---	---
91-09-06	1140	120	4,200	5.0	1,300	<0.1	35
92-09-09	1210	99	3,000	89	---	.1	50

Table 100.--Trace metal concentrations in bed material, Maumelle River at Williams Junction, Arkansas (07263295)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-22	1335	<1	20	<1	4	<10
90-08-28	1155	8	20	<1	10	20
91-02-06	0945	---	---	---	---	---
91-08-29	1340	---	---	---	---	---
92-02-03	1245	---	---	---	---	---
92-08-25	1100	---	---	---	---	---

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-22	1335	55	10	<1	4,500	0.01
90-08-28	1155	120	30	<1	8,600	0.01
91-02-06	0945	260	---	---	26,000	---
91-08-29	1340	88	---	---	2,600	---
92-02-03	1245	270	---	---	15,000	---
92-08-25	1100	2,700	---	---	200,000	---

Table 101.--Trace metal concentrations in bed material, Maumelle River near Wye, Arkansas (07263296)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-23	1005	2	<10	<1	3	<10
90-08-28	1305	12	<10	<1	6	<10

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-23	1005	23	7	<1	1,200	0.11
90-08-28	1305	130	20	<1	6,200	.01

Table 102.--Trace metal concentrations in bed material, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-25	1035	5	100	<1	9	10
90-08-31	0930	4	30	<1	<10	<10
91-02-06	1400	---	---	---	---	---
91-08-27	1100	---	---	---	---	---
92-02-05	1110	---	---	---	---	---
92-08-31	---	---	---	---	---	---

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-25	1035	410	50	<1	17,000	0.08
90-08-31	0930	200	20	<1	4,400	.03
91-02-06	1400	710	---	---	11,000	---
91-08-27	1100	330	---	---	10,000	---
92-02-05	1110	290	---	---	7,700	---
92-08-31	1230	290	---	---	17,000	---

Table 103.--Trace metal concentrations in bed material, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-25	1300	4	80	<1	7	30
90-08-31	0950	11	50	<1	<10	30

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-25	1300	470	30	<1	9,400	0.09
90-08-31	0950	610	50	<1	15,000	.06

Table 104.--Trace metal concentrations in bed material, Lake Maumelle near Little Italy, Arkansas (07263299)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-26	1130	11	140	<1	10	30
90-08-31	1043	14	120	<1	<10	40
91-02-08	1020	---	---	---	---	---
91-08-28	1010	---	---	---	---	---
92-02-05	1400	---	---	---	---	---
92-09-01	1120	---	---	---	---	---

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-26	1130	610	60	<1	30,000	0.11
90-08-31	1043	740	60	<1	28,000	0.06
91-02-08	1020	180	---	---	5,600	---
91-08-28	1010	790	---	---	23,000	---
92-02-05	1400	690	---	---	33,000	---
92-09-01	1120	300	---	---	21,000	---

Table 105.--Trace metal concentrations in bed material, Lake Maumelle near Natural Steps, Arkansas (072632995)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-26	1300	9	190	<1	10	20
90-08-31	1330	14	160	<1	<10	40
91-02-08	1345	---	---	---	---	---
91-08-28	1345	---	---	---	---	---
92-02-06	1300	---	---	---	---	---
92-09-03	1330	---	---	---	---	---

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-26	1300	970	80	<1	24,000	0.08
90-08-31	1330	1200	60	<1	22,000	.06
91-02-08	1345	220	---	---	<1	---
91-08-28	1345	650	---	---	30,000	---
92-02-06	1300	650	---	---	44,000	---
92-09-03	1330	12,000	---	---	370,000	---

Table 106.--Trace metal concentrations in bed material, Alum Fork Saline River near Reform, Arkansas (07362587)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-22	1005	5	20	<1	9	<10
90-08-28	1005	13	<10	<1	10	10
91-08-29	1120	---	---	---	---	---
92-08-24	1240	---	---	---	---	---

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-22	1005	98	20	<1	12,000	0.02
90-08-28	1005	170	20	<1	10,000	.01
91-08-29	1120	160	---	---	1,700	---
92-08-24	1240	4,100	---	---	160,000	---

Table 107.--Trace metal concentrations in bed material, Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-23	1403	1	10	<1	6	<10
90-08-27	1130	14	20	<1	<10	<10

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-23	1403	33	20	<1	9,200	0.03
90-08-27	1130	46	20	<1	5,100	.05

Table 108.--Trace metal concentrations in bed material, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-24	1050	7	220	<1	20	30
90-08-27	1415	7	60	<1	6	20

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-24	1050	830	80	<1	33,000	0.16
90-08-27	1415	470	30	<1	14,000	.09

Table 109.--Trace metal concentrations in bed material, Lake Winona at Reform, Arkansas (07362590)

[ug/g, microgram per gram; <, less than; ---, no data; five digit numbers in parentheses are STORET parameter codes used for computer storage of data]

Date	Time	Arsenic, in bottom material (ug/g as As) (01003)	Barium, in bottom material (ug/g as Ba) (01008)	Cadmium, in bottom material (ug/g as Cd) (01028)	Chromium, in bottom material (ug/g as Cr) (01029)	Lead, in bottom material (ug/g as Pb) (01052)
89-05-24	1405	6	150	<1	10	20
90-08-29	1110	13	<10	<1	10	10
91-09-06	1140	---	---	---	---	---
92-09-09	1210	---	---	---	---	---

Date	Time	Manganese, in bottom material (ug/g as Mn) (01053)	Zinc, in bottom material (ug/g as Zn) (01093)	Selenium, in bottom material (ug/g as Se) (01148)	Iron, in bottom material (ug/g as Fe) (01170)	Mercury, in bottom material (ug/g as Hg) (71921)
89-05-24	1405	720	60	<1	22,000	0.19
90-08-29	1110	560	10	<1	10,000	.04
91-09-06	1140	760	---	---	21,000	---
92-09-09	1210	7,600	---	---	420,000	---

Table 110 .--Organic concentrations in bed material, Maumelle River at Williams Junction, Arkansas (07263295)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-22	1335	---	---	<1.0	<0.1	<0.1	<1.0
90-08-28	1155	---	---	<1.0	< .1	< .1	<1.0
91-08-29	1340	<0.1	<0.1	<1.0	< .1	< .1	<1.0
92-08-25	1100	< .1	< .1	<1.0	< .1	< .1	<1.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-22	1335	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
90-08-28	1155	.1	.2	.1	< .1	< .1	< .1
91-08-29	1340	.1	.1	< .1	< .1	< .1	< .1
92-08-25	1100	.1	< .1	< .1	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-22	1335	<0.1	<10	<0.1	<0.1	<0.1	<1.0
90-08-28	1155	---	<10	< .1	< .1	< .1	<1.0
91-08-29	1340	< .1	<10	< .1	< .1	<1.0	<1.0
92-08-25	1100	< .1	<10	< .1	< .1	< .1	<1.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-22	1335	<0.1	<0.1	<0.1	<0.1	---	---
90-08-28	1155	---	---	---	---	---	---
91-08-29	1340	< .1	< .1	.1	< .1	<0.1	<0.1
92-08-25	1100	< .1	< .1	< .1	< .1	< .1	< .1

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-22	1335	<0.1	---	<0.1	<0.1	<1.0
90-08-28	1155	< .1	---	---	---	<1.0
91-08-29	1340	< .1	<0.1	< .1	< .1	<1.0
92-08-25	1100	1.0	< .1	< .1	---	<1.0

Table 111.--Organic concentrations in bed material, Maumelle River near Wye, Arkansas (07263296)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-23	1005	---	---	<1.0	<0.1	<0.1	<1.0
90-08-28	1305	---	---	<1.0	< .1	< .1	<1.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-23	1005	<0.1	0.4	<0.1	0.2	<0.1	<0.1
90-08-28	1305	< .1	.1	< .1	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-23	1005	<0.1	<10	<0.1	<0.1	<0.1	<1.0
90-08-28	1305	---	<10	< .1	< .1	< .1	<1.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-23	1005	<0.1	<0.1	0.1	<0.1	---	---
90-08-28	1305	---	---	---	---	---	---

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-23	1005	<0.1	---	<0.1	<0.1	<1.0
90-08-28	1305	< .1	---	---	---	<1.0

Table 112.--Organic concentrations in bed material, Lake Maumelle east of Highway 10 bridge near Wye, Arkansas (07263297)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-25	1035	---	---	<1.0	<0.1	<0.1	1.0
90-08-31	0930	---	---	<10	< .1	< .1	1.0
91-08-27	1100	1.0	1.0	<5.0	< .1	< .1	2.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-25	1035	0.3	0.1	<0.1	<0.1	<0.1	<0.1
90-08-31	0930	.5	1.6	<1.0	< .1	< .1	< .1
91-08-27	1100	.4	2.0	.1	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-25	1035	<0.1	<10	<0.1	<0.1	<0.1	<1.0
90-08-31	0930	< .1	<10	< .1	< .1	<1.0	<5.0
91-08-27	1100	< .1	<10	< .1	< .1	<1.0	<5.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-25	1035	<0.1	<0.1	<0.1	<0.1	---	---
90-08-31	0930	< .1	< .1	< .1	< .1	---	---
91-08-27	1100	< .1	< .1	< .1	< .1	1.0	1.0

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-25	1035	<0.1	---	<0.1	<0.1	<1.0
90-08-31	0930	< .1	---	< .1	< .1	<1.0
91-08-27	1100	< .1	1.0	< .5	< .1	<1.0

Table 113.--Organic concentrations in bed material, Lake Maumelle downstream from Twin Creek near Wye, Arkansas (07263298)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-25	1300	---	---	<1.0	<0.1	<0.1	<2.0
90-08-31	0950	---	---	<10	< .1	< .1	<1.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-25	1300	0.6	5.0	<0.1	<0.1	<0.1	<0.1
90-08-31	0950	1.1	4.5	1.0	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-25	1300	<0.1	<10	<0.1	<0.1	4.1	2.0
90-08-31	0950	< .1	<10	< .1	0.1	<1.0	8.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-25	1300	<0.1	<0.1	<0.1	<0.1	---	---
90-08-31	0950	< .1	< .1	< .1	< .1	---	---

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-25	1300	<0.1	---	<0.1	<0.1	<1.0
90-08-31	0950	< .1	---	< .1	< .1	<1.0

Table 114.--Organic concentrations in bed material, Lake Maumelle near Little Italy, Arkansas (07263299)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-26	1130	---	---	<1.0	<0.1	<0.1	2.0
90-08-31	1043	---	---	<10	< .1	< .1	2.0
91-08-28	1010	<0.1	<0.1	<5.0	< .1	< .1	1.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-26	1130	1.0	7.7	<0.1	<0.1	<0.1	<0.1
90-08-31	1043	4.0	9.2	.4	< .1	< .1	< .1
91-08-28	1010	. .9	3.5	.1	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-26	1130	<0.1	<10	<0.1	<0.1	<0.1	1.0
90-08-31	1043	< .1	<10	< .1	< .1	<10	<5.0
91-08-28	1010	< .1	<10	< .1	< .1	<1.0	<5.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-26	1130	<0.1	<0.1	<0.1	<0.1	---	---
90-08-31	1043	< .1	< .1	< .1	< .1	---	---
91-08-28	1010	< .1	< .1	< .1	< .1	<0.1	<0.1

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-26	1130	<0.1	---	<0.1	<0.1	<1.0
90-08-31	1043	< .1	---	< .1	< .1	<1.0
91-08-28	1010	< .1	<0.1	< .1	< .1	<1.0

Table 115.--Organic concentrations in bed material, Lake Maumelle near Natural Steps, Arkansas (072632995)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-26	1300	---	---	<1.0	<0.1	<0.1	<1.0
90-08-31	1330	---	---	<10	< .1	.1	2.0
91-08-28	1345	<0.1	<0.1	<5.0	< .1	< .1	1.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-26	1300	4.4	8.2	<10	<0.1	<0.1	<0.1
90-08-31	1330	6.9	11.0	3.1	.2	< .1	< .1
91-08-28	1345	1.2	5.3	2.0	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-26	1300	<0.1	<10	<0.1	<0.1	<1.0	<10
90-08-31	1330	< .1	<10	< .1	< .1	<1.0	<5.0
91-08-28	1345	< .1	<10	< .1	< .1	<1.0	<5.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-26	1300	<0.1	<0.1	<0.1	<0.1	---	---
90-08-31	1330	< .1	< .1	< .1	< .1	---	---
91-08-28	1345	< .1	< .1	< .1	< .1	<0.1	<0.1

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-26	1300	<0.1	---	<0.1	<0.1	<1.0
90-08-31	1330	< .1	---	< .1	< .1	<1.0
91-08-28	1345	< .1	<0.1	< .5	< .1	<1.0

Table 116.--Organic concentrations in bed material, Alum Fork Saline River near Reform, Arkansas (07362587)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-22	1005	---	---	<1.0	<0.1	<0.1	<1.0
90-08-28	1005	---	---	<1.0	< .1	< .1	<1.0
91-08-29	1120	<0.1	<0.1	<1.0	< .1	< .1	<1.0
92-08-24	1240	< .1	< .1	<1.0	< .1	< .1	<1.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-22	1005	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
90-08-28	1005	< .1	< .1	< .1	< .1	< .1	< .1
91-08-29	1120	< .1	< .1	< .1	< .1	< .1	< .1
92-08-24	1240	< .1	< .1	< .1	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-22	1005	<0.1	<10	<0.1	<0.1	<0.1	<1.0
90-08-28	1005	---	<10	< .1	< .1	< .1	<1.0
91-08-29	1120	< .1	<10	< .1	< .1	<1.0	<1.0
92-08-24	1240	< .1	<10	< .1	< .1	< .1	<1.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-22	1005	<0.1	<0.1	<0.1	<0.1	---	---
90-08-28	1005	---	---	---	---	---	---
91-08-29	1120	< .1	< .1	< .1	< .1	<0.1	<0.1
92-08-24	1240	< .1	< .1	< .1	< .1	< .1	< .1

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-22	1005	<0.1	---	<0.1	<0.1	<1.0
90-08-28	1005	< .1	---	---	---	<1.0
91-08-29	1120	< .1	<0.1	< .1	< .1	<1.0
92-08-24	1240	< .1	< .1	< .1	---	<1.0

Table 117.--Organic concentrations in bed material, Lake Winona downstream from Stillhouse Creek near Reform, Arkansas (07362588)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-23	1403	---	---	<1.0	<0.1	<0.1	<1.0
90-08-27	1130	---	---	<1.0	< .1	< .1	6.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-23	1403	0.1	0.2	<0.1	<0.1	<0.1	<0.1
90-08-27	1130	1.3	1.9	< .1	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-23	1403	<0.1	<10	<0.1	<0.1	<0.1	<1.0
90-08-27	1130	< .1	<10	< .1	< .1	<1.0	<1.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-23	1403	<0.1	<0.1	0.1	<0.1	---	---
90-08-27	1130	< .1	< .1	< .1	< .1	---	---

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-23	1403	<0.1	---	<0.1	<0.1	<1.0
90-08-27	1130	< .1	---	< .1	< .1	<1.0

Table 118.--Organic concentrations in bed material, Lake Winona downstream from Gillis Branch near Reform, Arkansas (07362589)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-24	1050	---	---	<1.0	<0.1	<0.1	2.0
90-08-27	1415	---	---	<1.0	< .1	< .1	1.0

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-24	1050	3.2	6.6	<0.1	<0.1	<0.1	<0.1
90-08-27	1415	1.3	2.0	< .1	< .1	< .1	< .1

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-24	1050	<0.1	<10	<0.1	<0.1	<0.1	1.0
90-08-27	1415	---	<10	< .1	< .1	< .1	<1.0

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-24	1050	<0.1	<0.1	<0.1	<0.1	---	---
90-08-27	1415	---	---	---	---	---	---

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-24	1050	<0.1	---	<0.1	<0.1	<1.0
90-08-27	1415	< .1	---	---	---	<1.0

Table 119.--Organic concentrations in bed material, Lake Winona at Reform, Arkansas (07362589)

[ug/kg, microgram per kilogram; five digit numbers in parentheses are STORET parameter codes used for computer storage of data; ---, no data; <, less than]

Date	Time	Picloram, in bottom material (ug/kg) (38930)	Dicamba, in bottom material (ug/kg) (38931)	PCN, gross, in bottom material (ug/kg) (39251)	Aldrin, in bottom material (ug/kg) (39333)	Lindane, in bottom material (ug/kg) (39343)	Chlordane, in bottom material (ug/kg) (39351)
89-05-24	1405	---	---	<1.0	<0.1	<0.1	2.0
90-08-29	1110	---	---	<1.0	< .1	< .1	1.0
91-09-06	1140	1.0	1.0	<10	<1.0	<1.0	<10

Date	Time	DDD, in bottom material (ug/kg) (39363)	DDE, in bottom material (ug/kg) (39368)	DDT, in bottom material (ug/kg) (39373)	Dieldrin, in bottom material (ug/kg) (39383)	Endosulfan in bottom material (ug/kg) (39389)	Endrin, in bottom material (ug/kg) (39393)
89-05-24	1405	2.7	5.3	<0.1	0.1	<0.1	<0.1
90-08-29	1110	.5	.8	.2	< .1	< .1	< .1
91-09-06	1140	6.0	4.0	<1.0	<1.0	<1.0	<1.0

Date	Time	Ethion, in bottom material (ug/kg) (39399)	Toxaphene, in bottom material (ug/kg) (39403)	Hepta-chlor, in bottom material (ug/kg) (39413)	Hepta-chlor epoxy, in bottom material (ug/kg) (39423)	Methoxy-chlor, in bottom material (ug/kg) (39481)	PCB, gross in bottom material (ug/kg) (39519)
89-05-24	1405	<0.1	<10	<0.1	<0.1	<0.1	<1.0
90-08-29	1110	< .1	<10	< .1	< .1	< .1	<1.0
91-09-06	1140	< .1	<100	<1.0	<1.0	<10	<10

Date	Time	Malathion, in bottom material (ug/kg) (39531)	Parathion, in bottom material (ug/kg) (39541)	Diazinon, in bottom material (ug/kg) (39571)	Methyl-parathion, in bottom material (ug/kg) (39601)	2,4-D, in bottom material (ug/kg) (39731)	2,4,5-T, in bottom material (ug/kg) (39741)
89-05-24	1405	<0.1	<0.1	<0.1	<0.1	---	---
90-08-29	1110	< .1	< .1	< .1	< .1	---	---
91-09-06	1140	< .1	< .1	< .1	< .1	1.0	1.0

Date	Time	Mirex, in bottom material (ug/kg) (39758)	Silvex, in bottom material (ug/kg) (39761)	Thithion, in bottom material (ug/kg) (39787)	Methyl-trithion, in bottom material (ug/kg) (39791)	Perthane, in bottom material (ug/kg) (81886)
89-05-24	1405	<0.1	---	<0.1	<0.1	<1.0
90-08-29	1110	< .1	---	< .1	< .1	<1.0
91-09-06	1140	<1.0	1.0	< .1	< .1	<10

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